

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082609.D
 Acq On : 31 Oct 2015 9:17
 Operator : UM/IZ
 Sample : G4178-05DL2 50X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5-BOILERROOM2.5FTDEEPL2

Quant Time: Nov 02 00:25:22 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	7.06	152	19136	20.00	ng	0.15
21) Naphthalene-d8	8.19	136	713847	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	364965	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	657704	20.00	ng	0.00
75) Chrysene-d12	14.08	240	419145	20.00	ng	0.00
86) Perylene-d12	15.54	264	372750	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	38011	29.92	ng	-0.01
7) Phenol-d6	6.52	99	50102	29.68	ng	-0.01
23) Nitrobenzene-d5	7.46	82	36010	2.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	11290	2.83	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	57631	2.24	ng	-0.01
78) Terphenyl-d14	13.01	244	49554	2.59	ng	-0.01

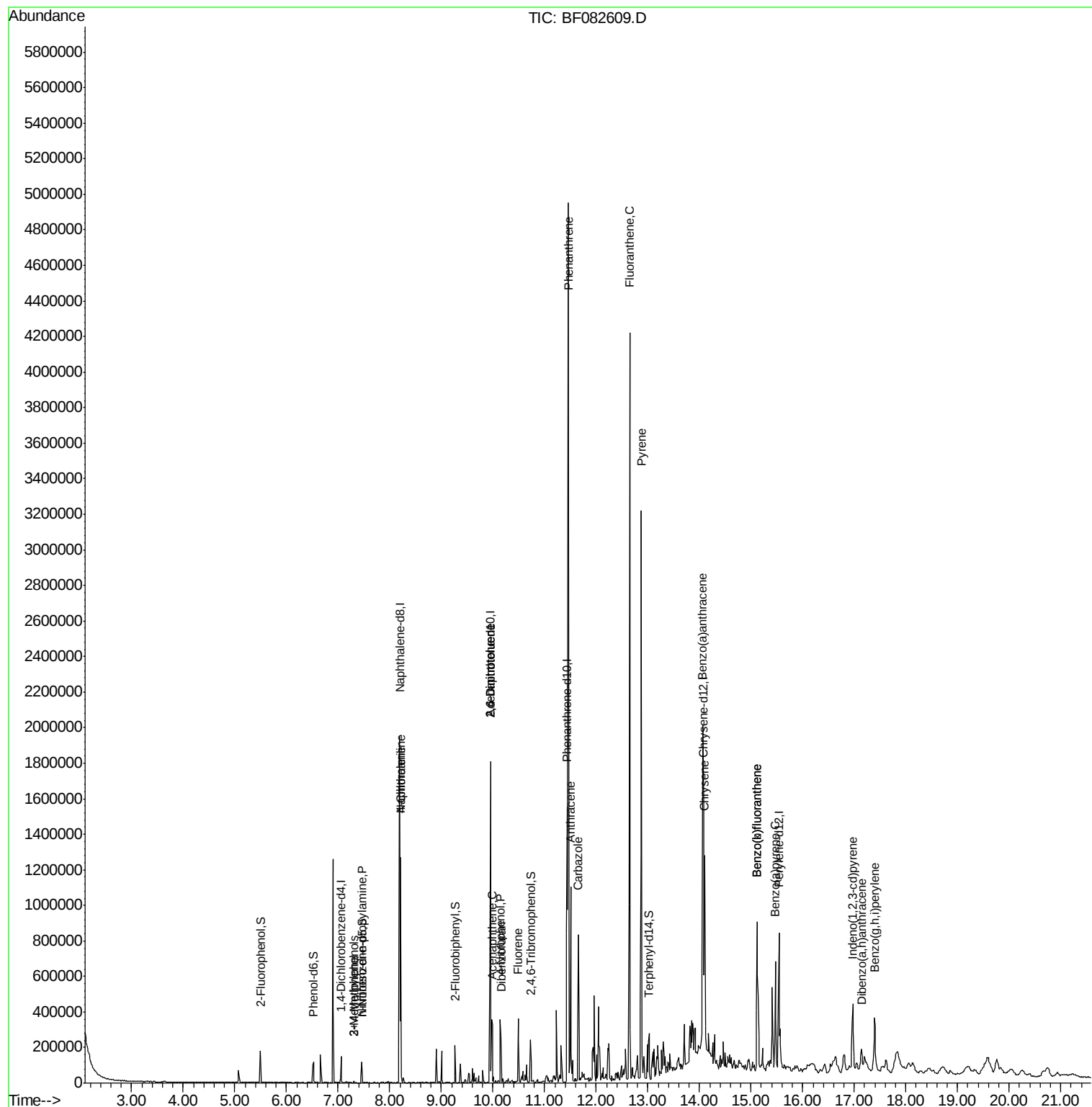
Target Compounds						Qvalue
17) 2-Methylphenol	7.30	107	3157	2.70	ng	# 66
19) n-Nitroso-di-n-propylamine	7.46	70	4871	3.81	ng	# 67
20) 3+4-Methylphenols	7.30	107	3157	2.08	ng	# 59
31) Naphthalene	8.21	128	469553	12.16	ng	99
33) 4-Chloroaniline	8.21	127	64014	3.88	ng	# 29
50) 2,6-Dinitrotoluene	9.95	165	47971	7.76	ng	# 17
51) Acenaphthene	9.98	154	111822	4.57	ng	97
54) Dibenzofuran	10.16	168	166154	5.01	ng	# 85
55) 4-Nitrophenol	10.14	139	70531	13.64	ng	# 2
56) 2,4-Dinitrotoluene	9.95	165	48547	5.81	ng	# 16
57) Fluorene	10.49	166	121581	4.54	ng	99
70) Phenanthrene	11.46	178	1632321	44.00	ng	100
71) Anthracene	11.51	178	401145	10.74	ng	97
72) Carbazole	11.65	167	311502	9.57	ng	98
74) Fluoranthene	12.65	202	1559434	41.12	ng	99
77) Pyrene	12.88	202	1276721	41.13	ng	100
80) Benzo(a)anthracene	14.07	228	559948	21.03	ng	99
82) Chrysene	14.10	228	322668	13.37	ng	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	256073	12.86	ng	98
87) Benzo(b)fluoranthene	15.12	252	618911	24.08	ng	98
88) Benzo(k)fluoranthene	15.12	252	618911	31.61	ng	# 97
89) Benzo(a)pyrene	15.47	252	283770	14.02	ng	98
90) Dibenzo(a,h)anthracene	17.14	278	48815	2.58	ng	98
91) Benzo(g,h,i)perylene	17.39	276	240187	13.12	ng	98

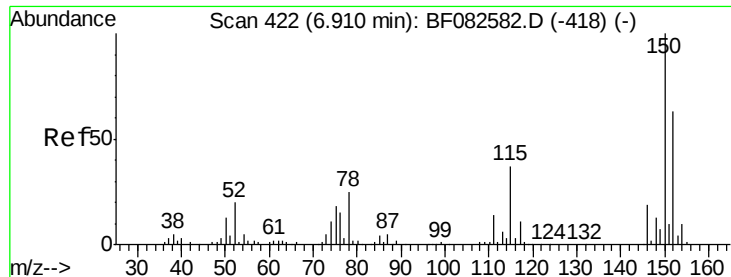
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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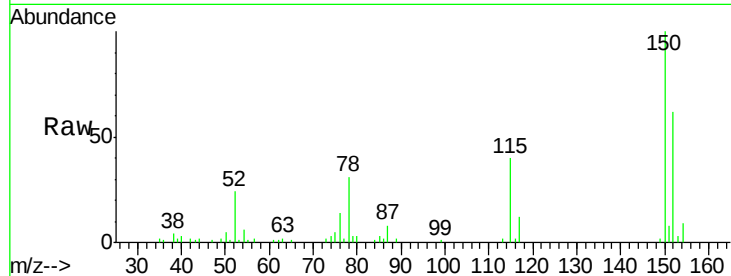


#1

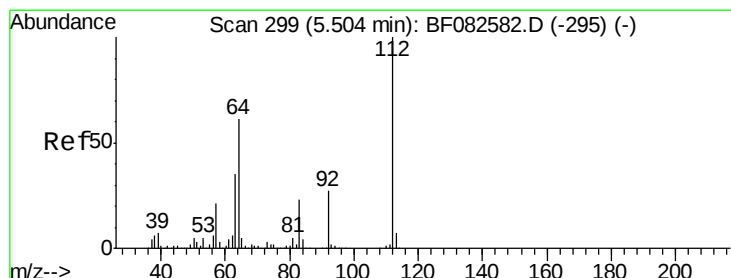
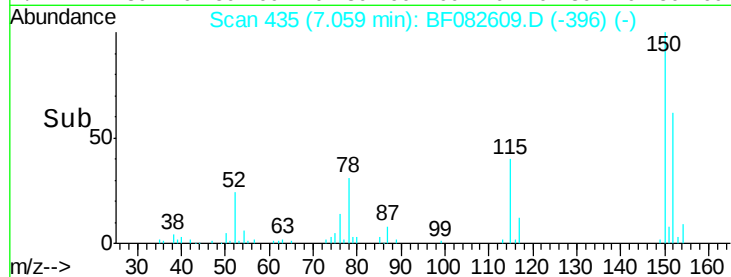
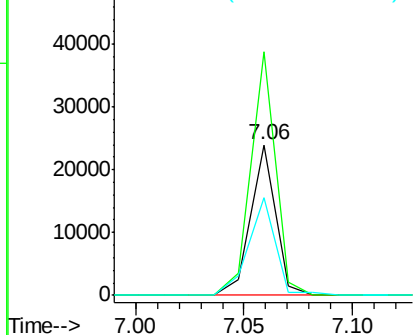
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.15 min
Lab File: BF082609.D
Acq: 31 Oct 2015 9:17

Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEPDL2

Tgt Ion:152 Resp: 19136
Ion Ratio Lower Upper
152 100
150 162.1 127.0 190.4
115 64.8 47.0 70.6



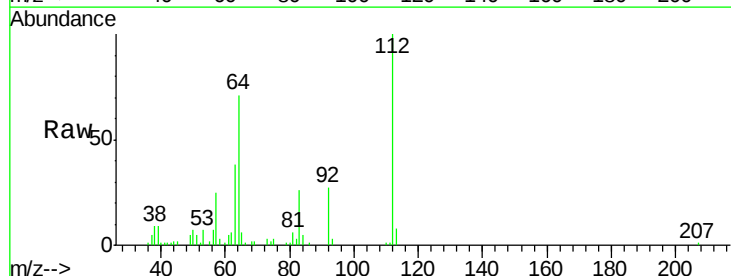
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



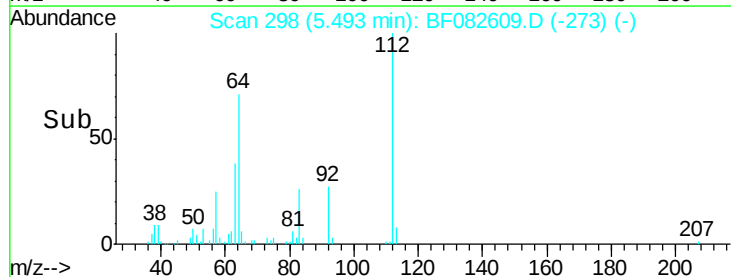
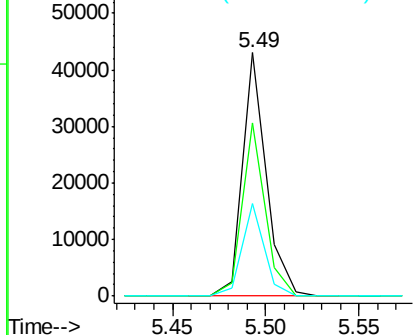
#5

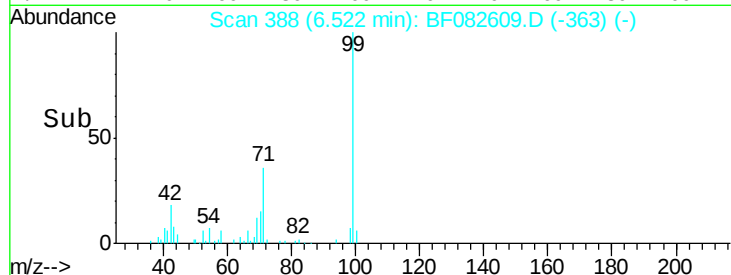
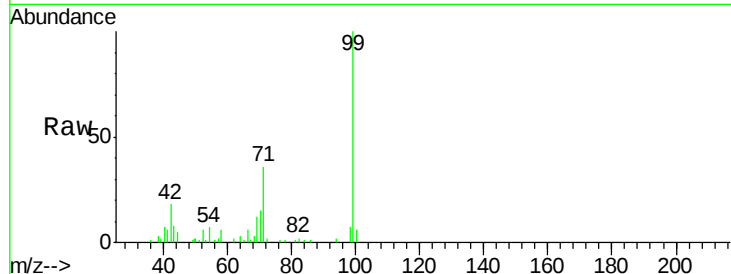
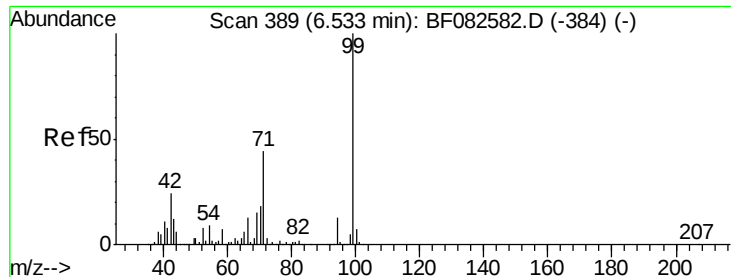
2-Fluorophenol
Concen: 29.92 ng
RT: 5.49 min Scan# 298
Delta R.T. -0.01 min
Lab File: BF082609.D
Acq: 31 Oct 2015 9:17

Tgt Ion:112 Resp: 38011
Ion Ratio Lower Upper
112 100
64 71.3 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

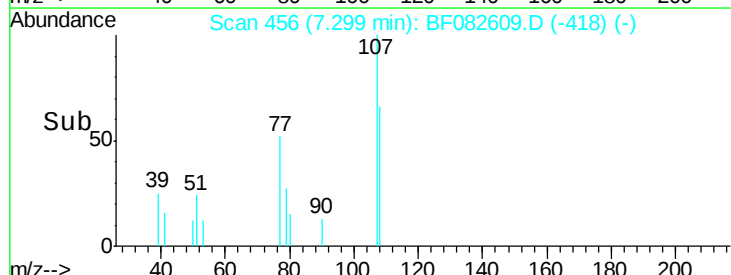
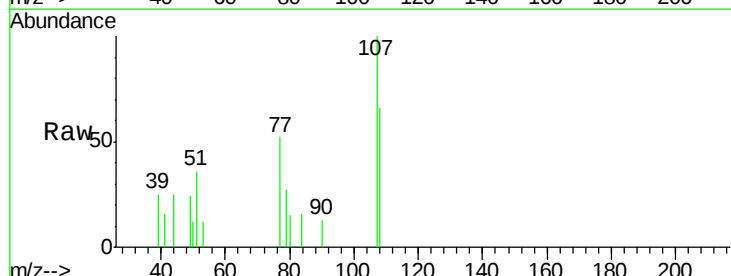
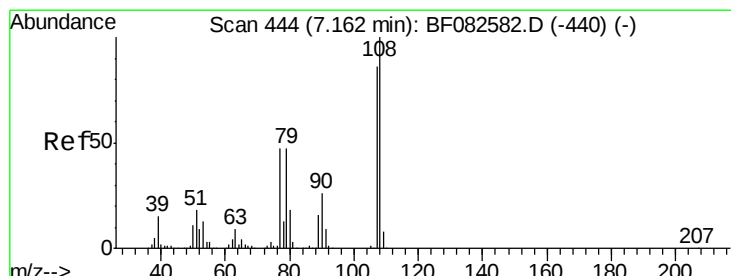
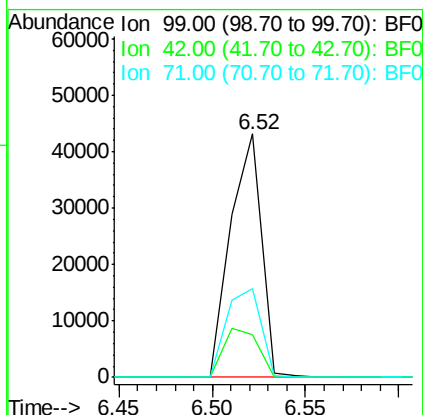




#7
Phenol-d6
Concen: 29.68 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF082609.D
Acq: 31 Oct 2015 9:17

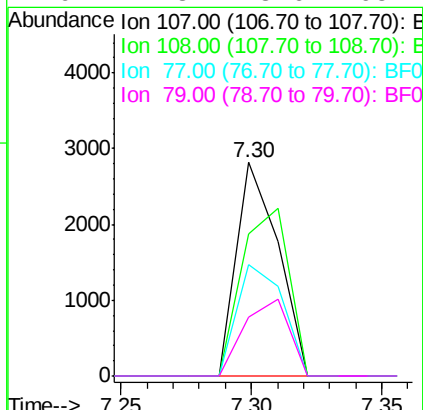
Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.6	19.2	28.8#
71	36.3	35.0	52.4

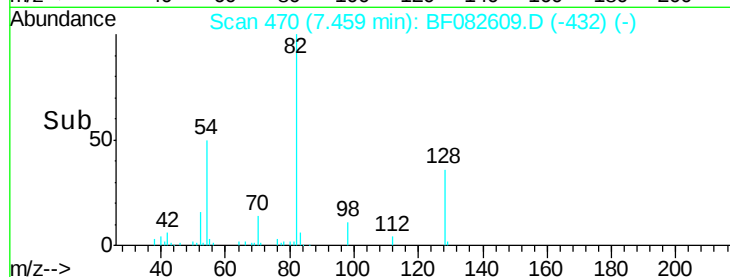
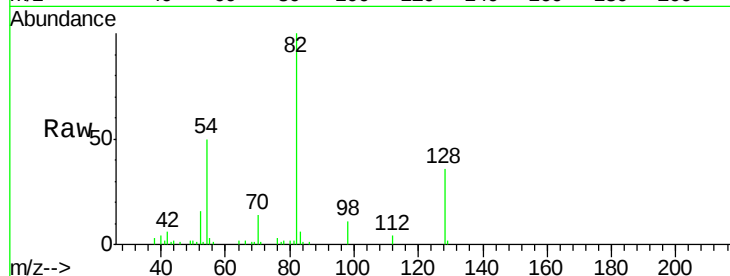
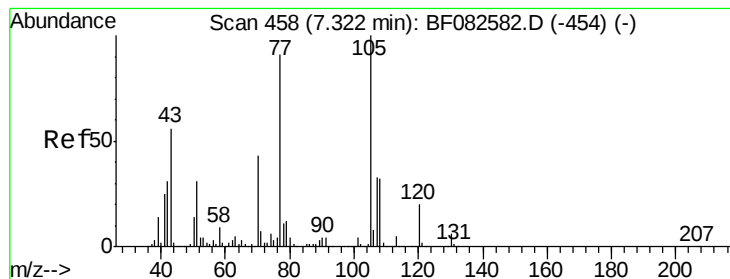
Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEPL2



#17
2-Methylphenol
Concen: 2.70 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.14 min
Lab File: BF082609.D
Acq: 31 Oct 2015 9:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	66.3	93.0	139.4#
77	52.0	44.1	66.1
79	27.3	43.6	65.4#





#19

n-Nitroso-di-n-propylamine

Concen: 3.81 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEPL2

Tgt Ion: 70 Resp: 4871

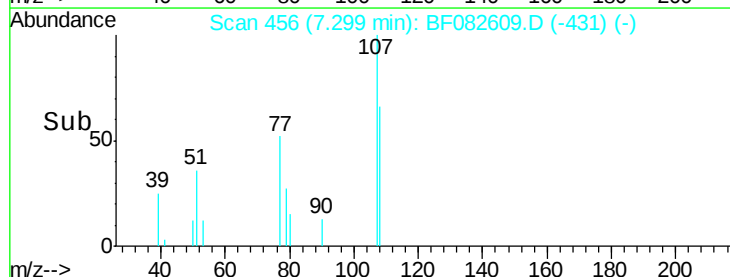
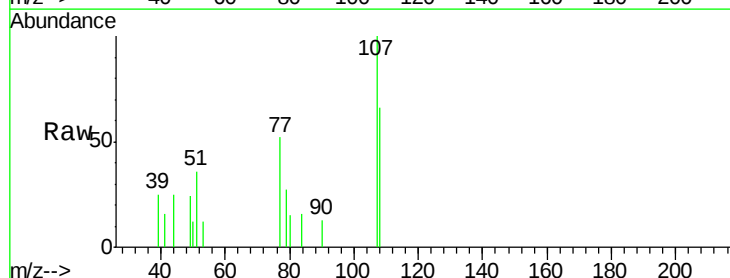
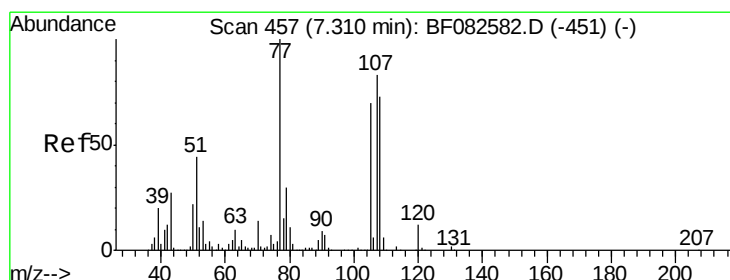
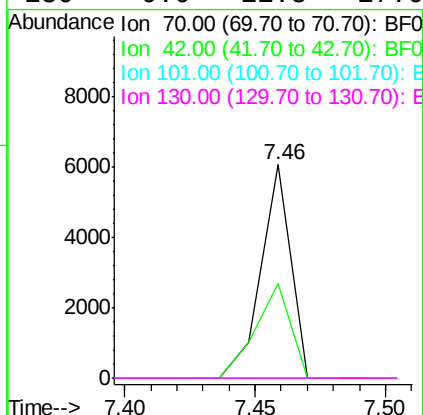
Ion Ratio Lower Upper

70 100

42 44.2 57.7 86.5#

101 0.0 7.0 10.6#

130 0.0 11.8 17.6#



#20

3+4-Methylphenols

Concen: 2.08 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

Tgt Ion: 107 Resp: 3157

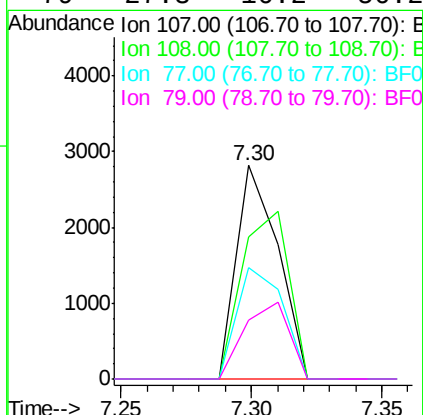
Ion Ratio Lower Upper

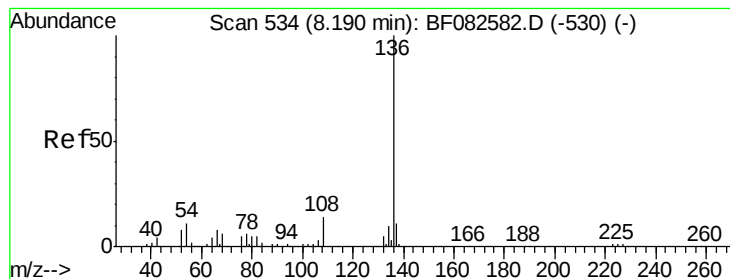
107 100

108 66.3 67.3 107.3#

77 52.0 100.3 140.3#

79 27.3 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

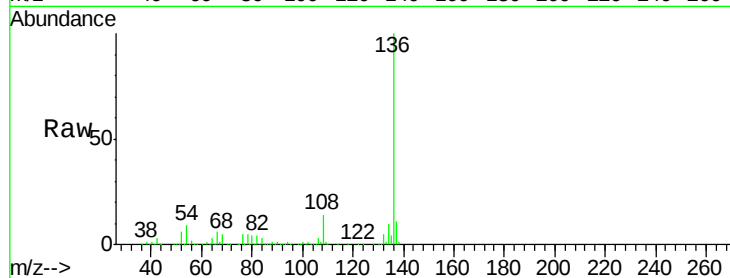
Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEPL2

Tgt Ion:	136	Resp:	713847
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.5	9.1	13.7
68	5.4	4.8	7.2

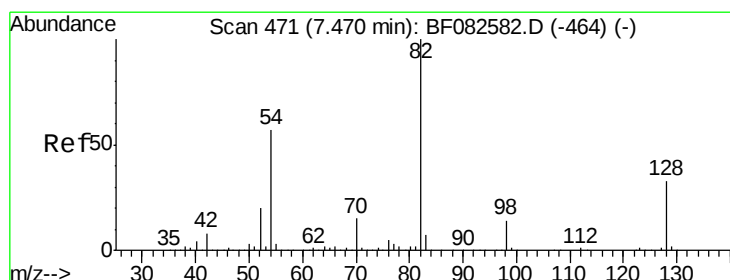
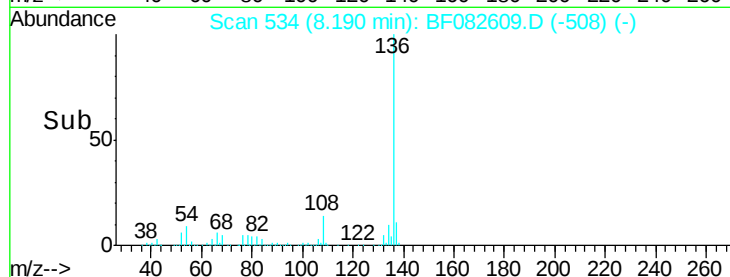
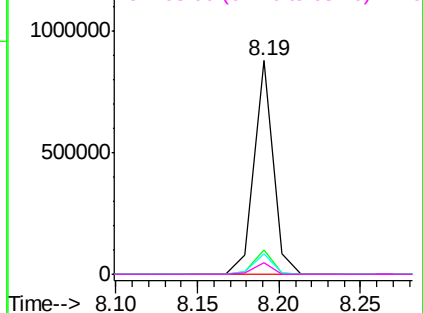


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.06 ng

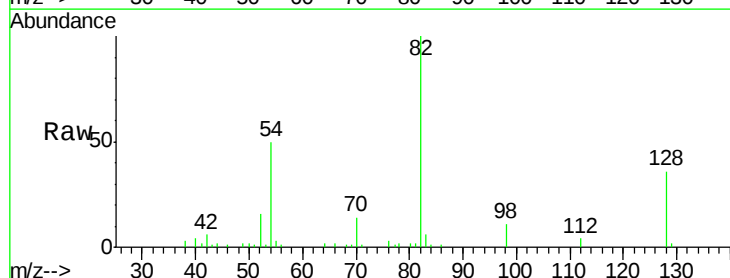
RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

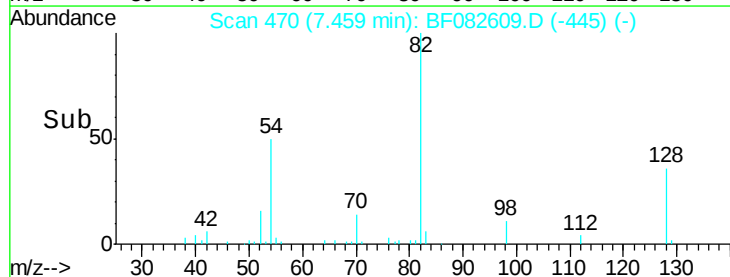
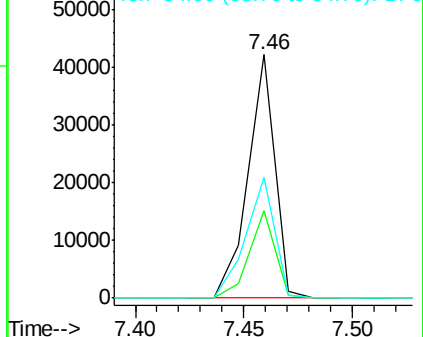
Tgt Ion:	82	Resp:	36010
Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.8	40.2
54	49.7	45.7	68.5

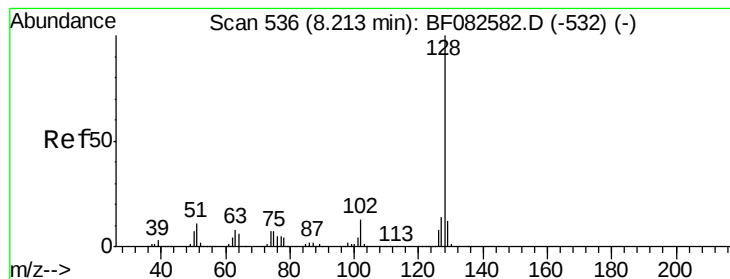


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 12.16 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

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BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEPL2

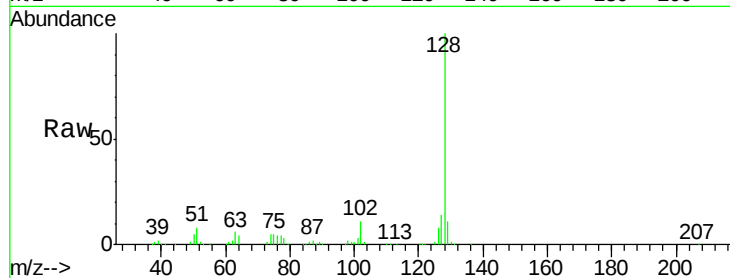
Tgt Ion:128 Resp: 469553

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

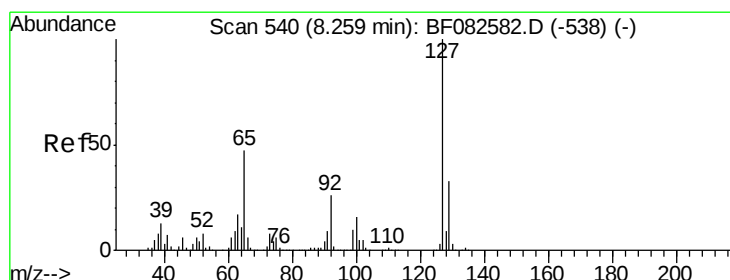
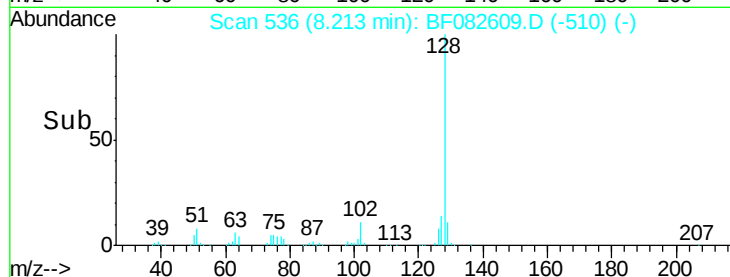
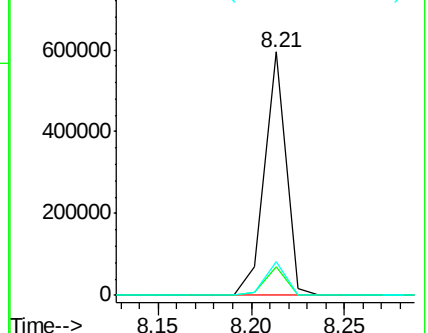
127 13.9 11.4 17.0



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: 3.88 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

Tgt Ion:127 Resp: 64014

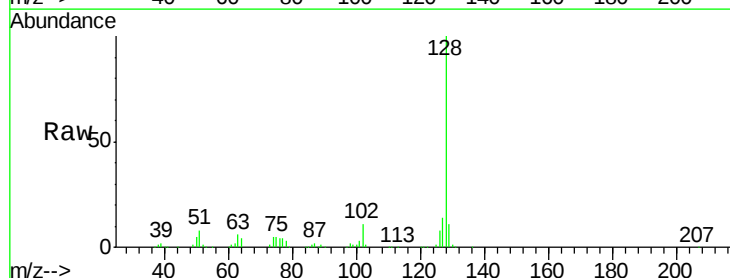
Ion Ratio Lower Upper

127 100

129 82.3 26.3 39.5#

65 0.0 37.8 56.8#

92 0.0 20.6 31.0#

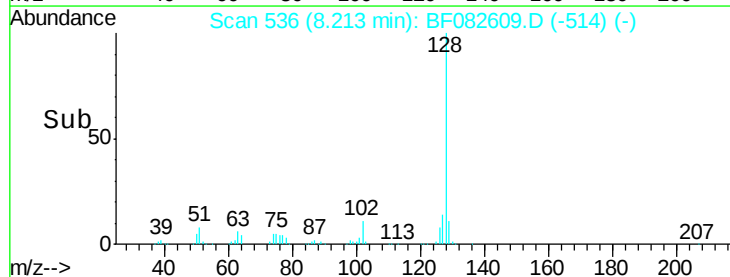
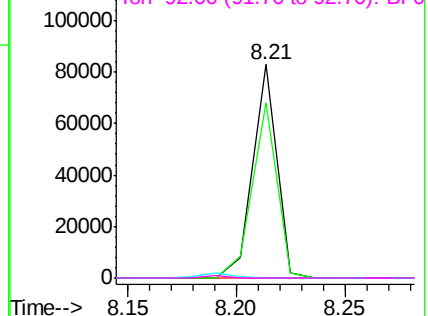


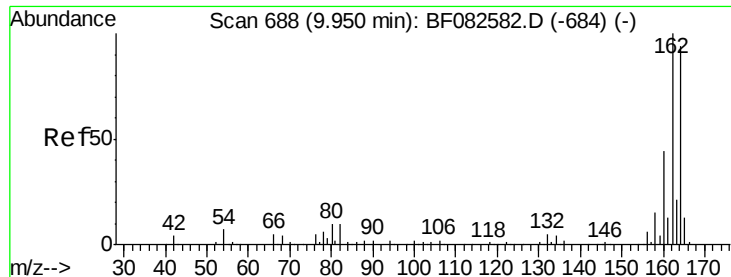
Abundance Ion 127.00 (126.70 to 127.70): E

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

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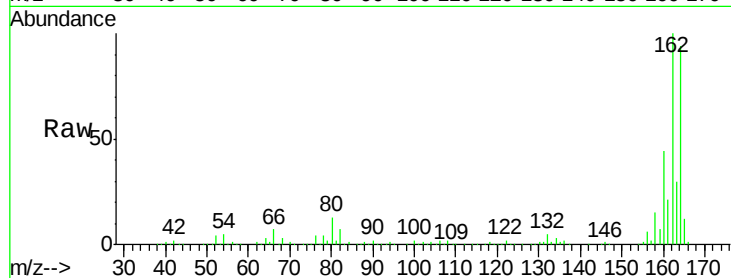
Tgt Ion:164 Resp: 364965

Ion Ratio Lower Upper

164 100

162 105.9 84.9 127.3

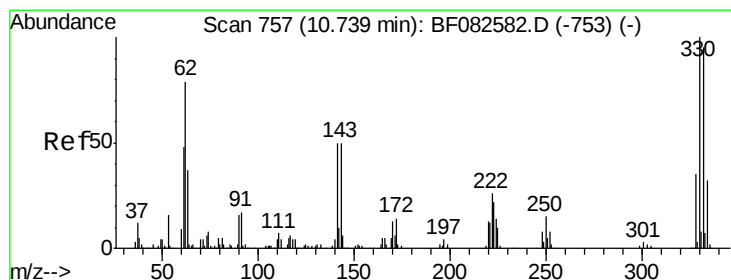
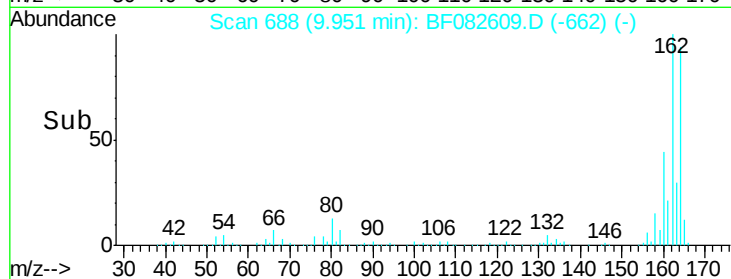
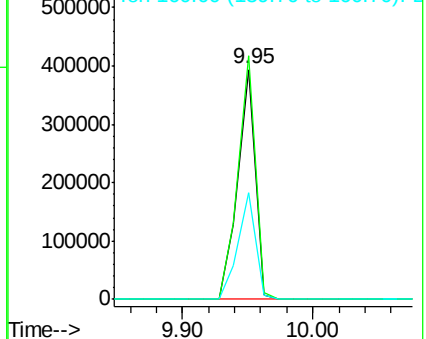
160 46.2 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 2.83 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

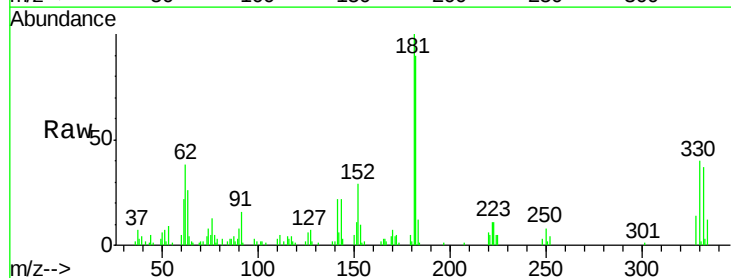
Tgt Ion:330 Resp: 11290

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

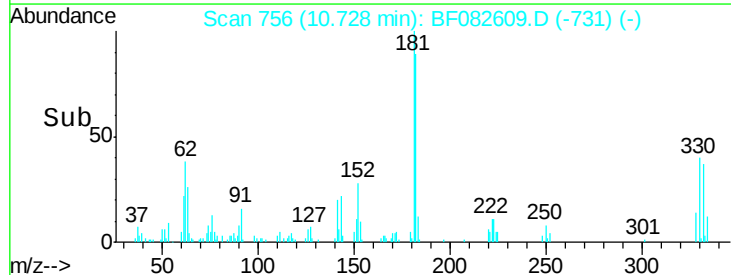
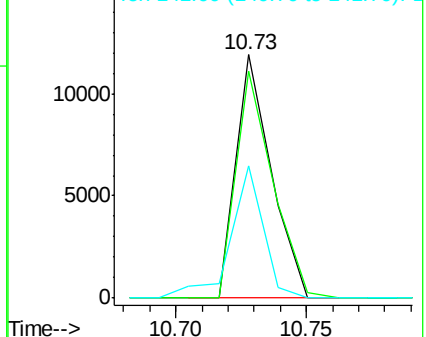
141 50.5 41.2 61.8

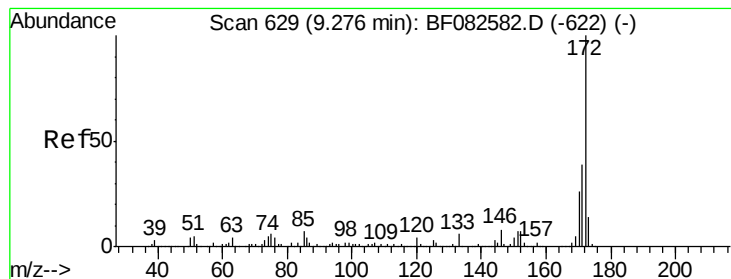


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 2.24 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEPL2

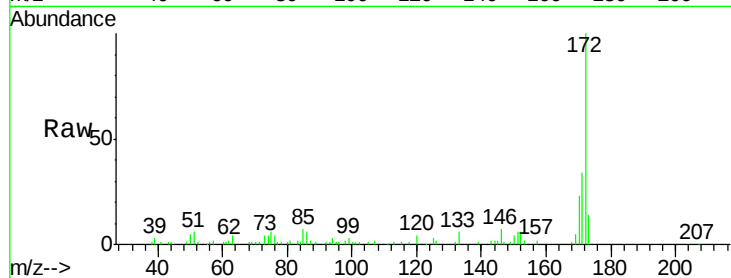
Tgt Ion:172 Resp: 57631

Ion Ratio Lower Upper

172 100

171 33.7 30.8 46.2

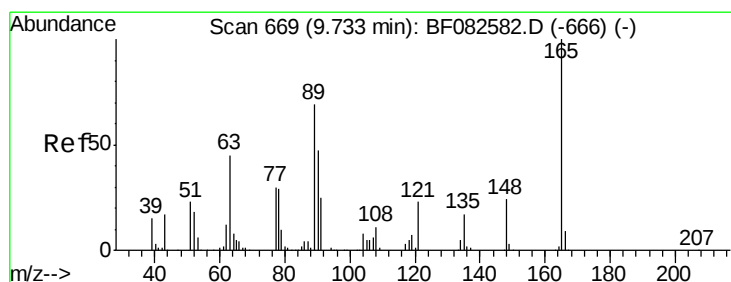
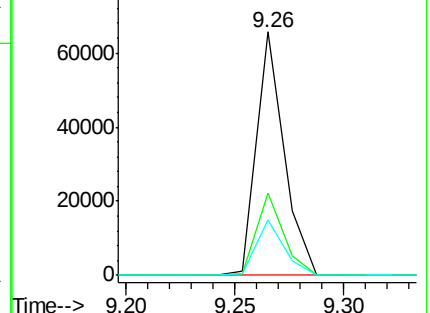
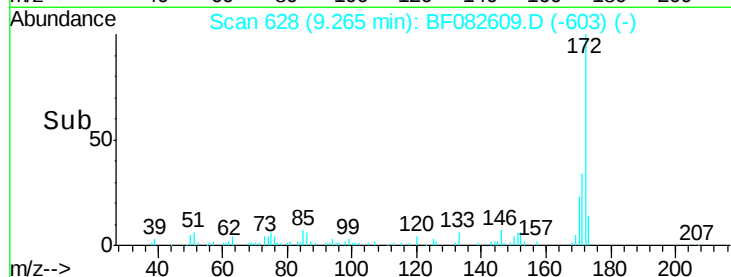
170 22.7 21.2 31.8



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



#50

2,6-Dinitrotoluene

Concen: 7.76 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.22 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

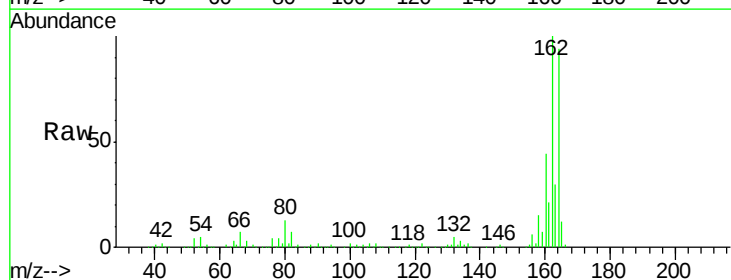
Tgt Ion:165 Resp: 47971

Ion Ratio Lower Upper

165 100

63 1.4 55.5 83.3#

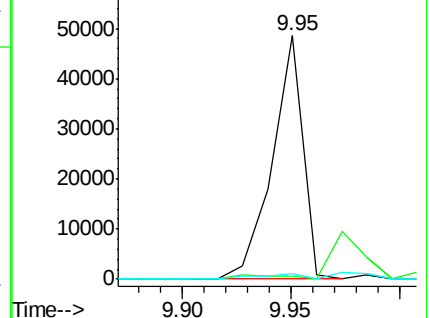
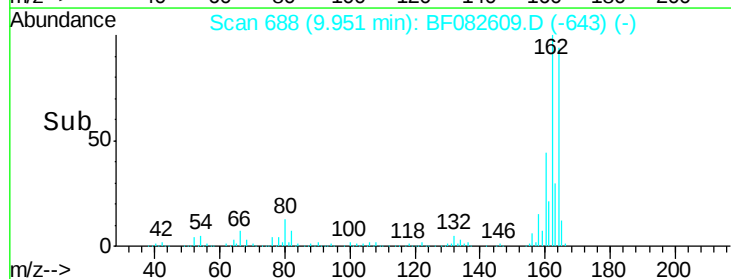
89 2.2 55.0 82.6#

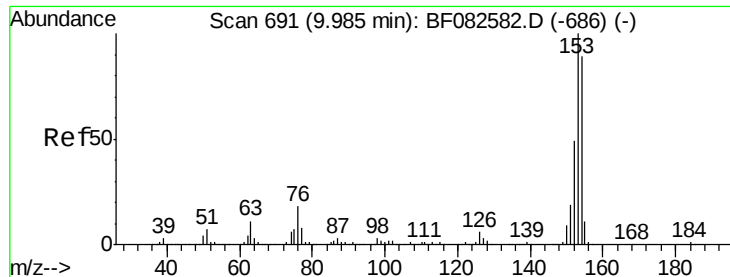


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 4.57 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEPDL2

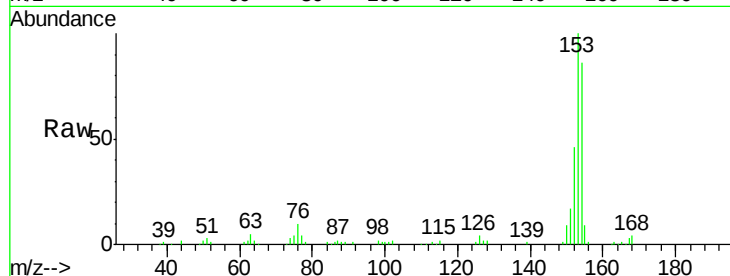
Tgt Ion:154 Resp: 111822

Ion Ratio Lower Upper

154 100

153 116.5 90.1 135.1

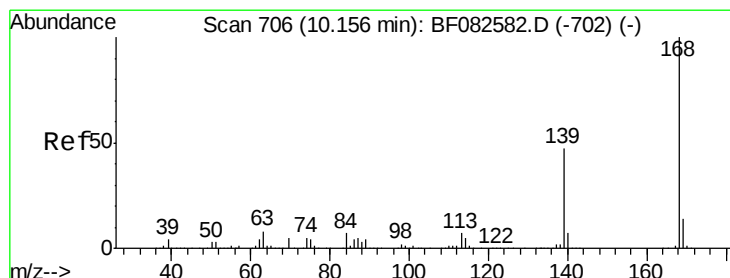
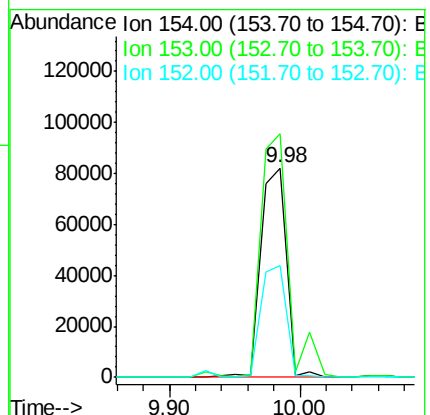
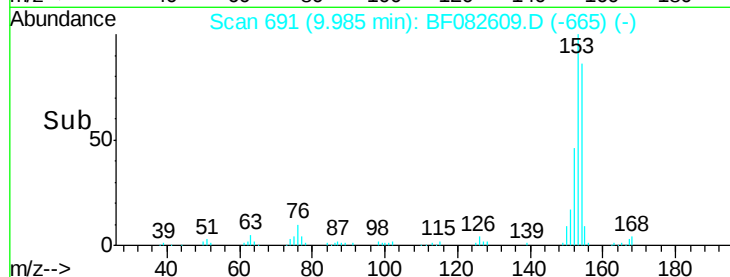
152 53.5 44.3 66.5



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: 5.01 ng

RT: 10.16 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

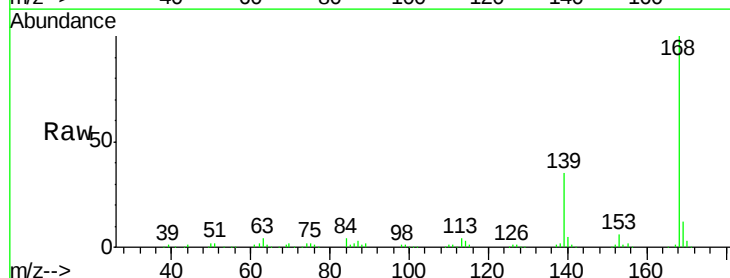
Tgt Ion:168 Resp: 166154

Ion Ratio Lower Upper

168 100

139 34.9 37.8 56.6#

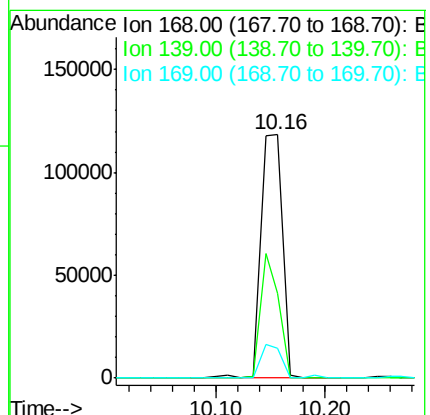
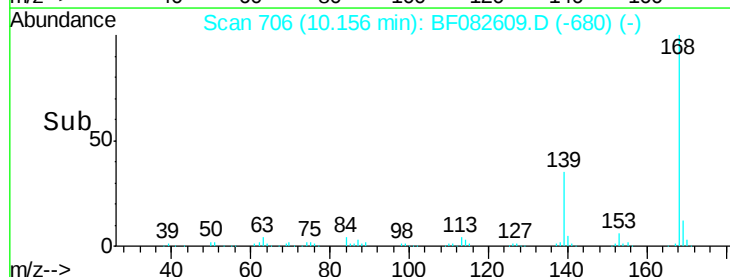
169 12.4 11.3 16.9

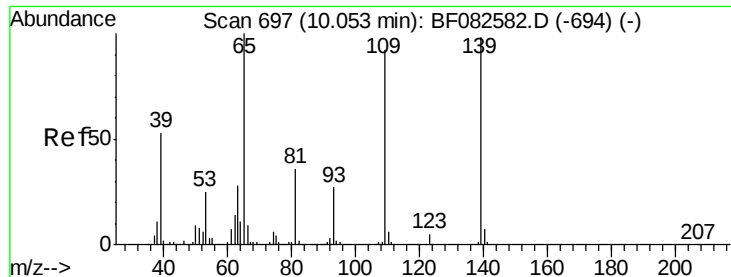


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

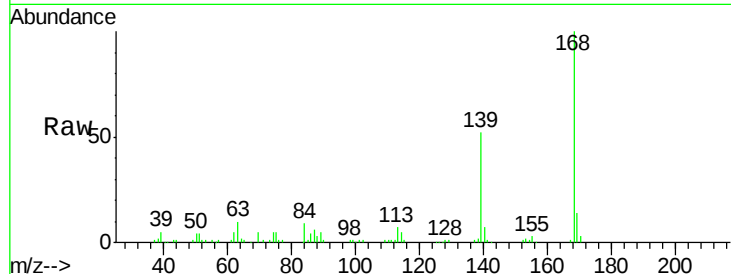




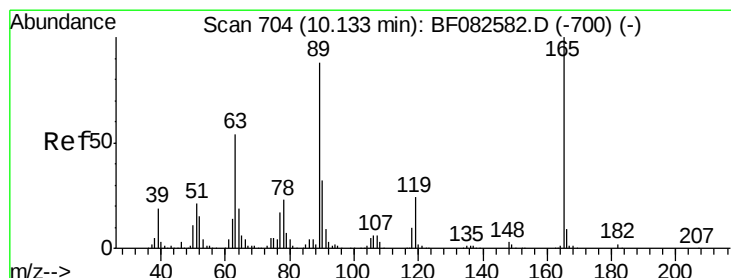
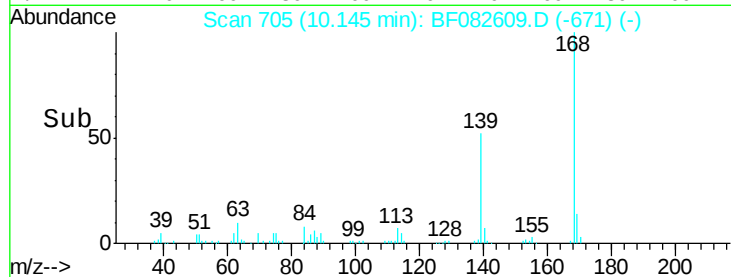
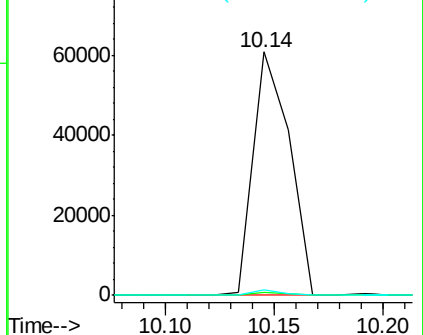
#55
4-Nitrophenol
Concen: 13.64 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.09 min
Lab File: BF082609.D
Acq: 31 Oct 2015 9:17

Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEPL2

Tgt Ion:139 Resp: 70531
Ion Ratio Lower Upper
139 100
109 1.1 73.7 113.7#
65 2.2 82.9 122.9#

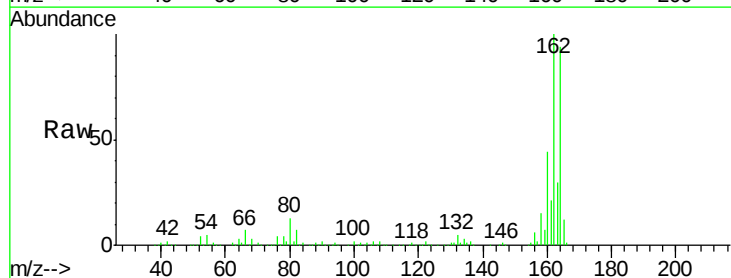


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

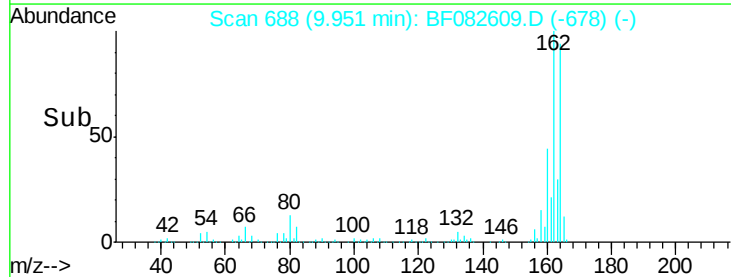
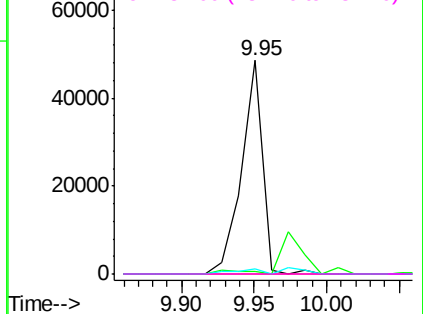


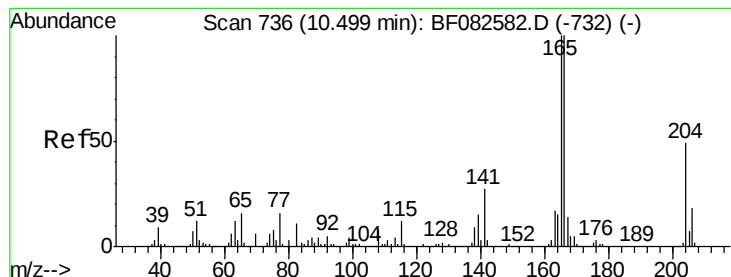
#56
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.18 min
Lab File: BF082609.D
Acq: 31 Oct 2015 9:17

Tgt Ion:165 Resp: 48547
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.0#
89 2.2 70.6 106.0#
182 0.0 1.5 2.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 4.54 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEPL2

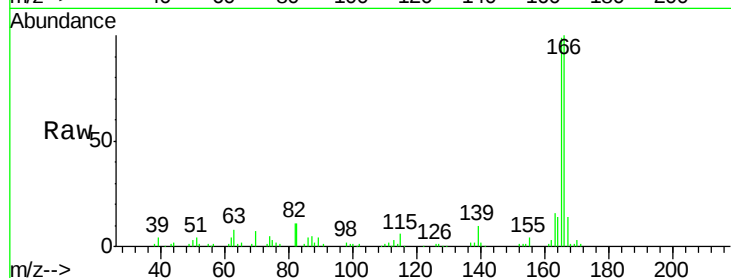
Tgt Ion:166 Resp: 121581

Ion Ratio Lower Upper

166 100

165 99.4 80.2 120.4

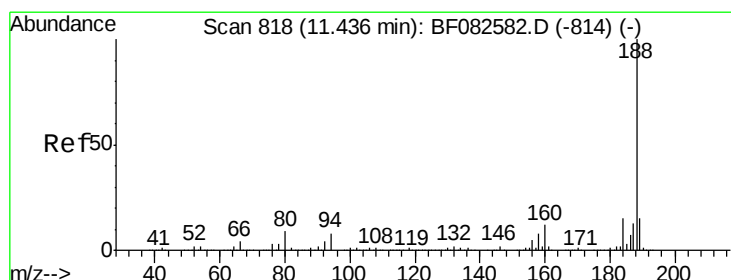
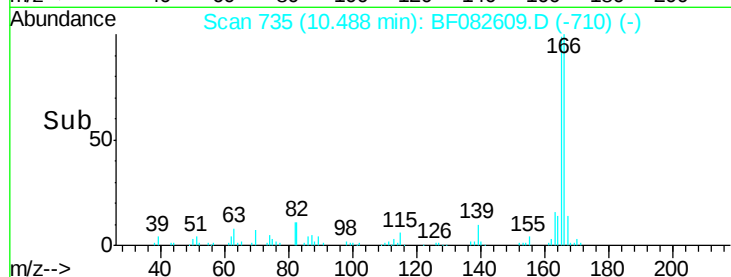
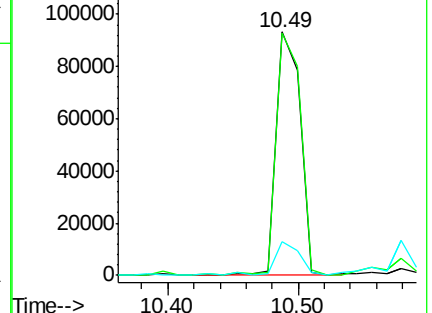
167 14.0 11.2 16.8



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: BF082609.D

Acq: 31 Oct 2015 9:17

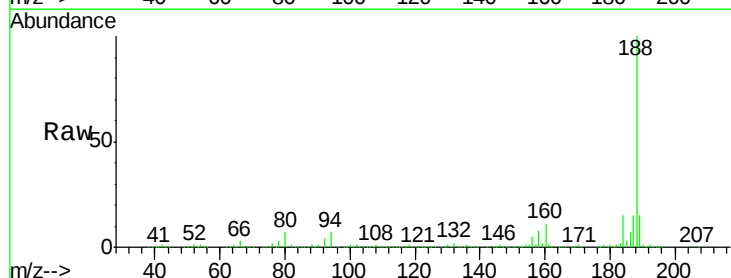
Tgt Ion:188 Resp: 657704

Ion Ratio Lower Upper

188 100

94 6.7 6.1 9.1

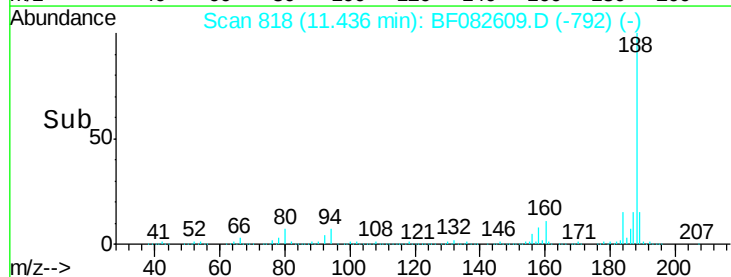
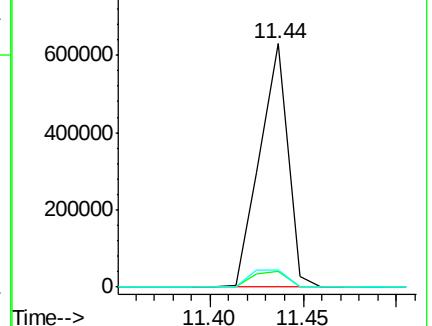
80 6.9 7.0 10.6#

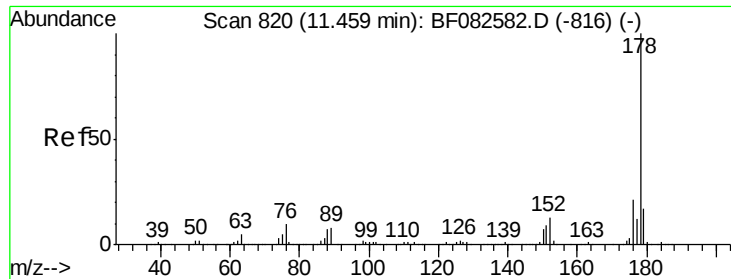


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

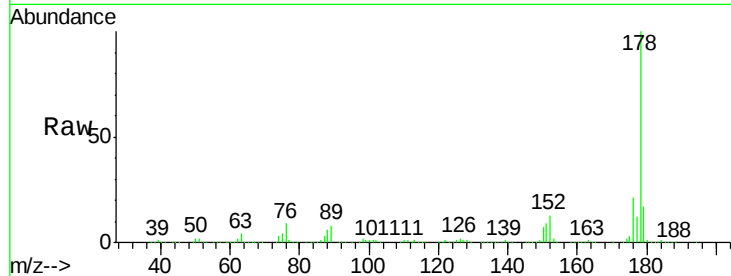




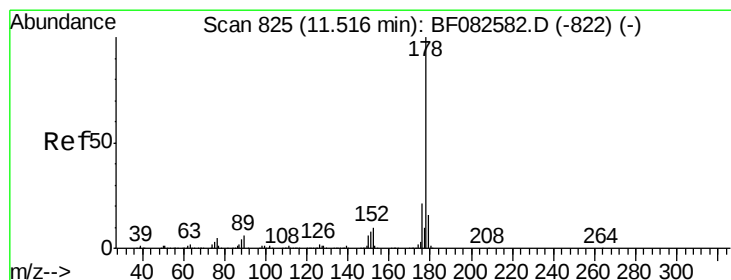
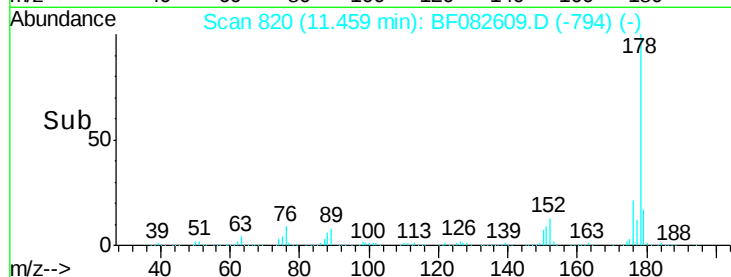
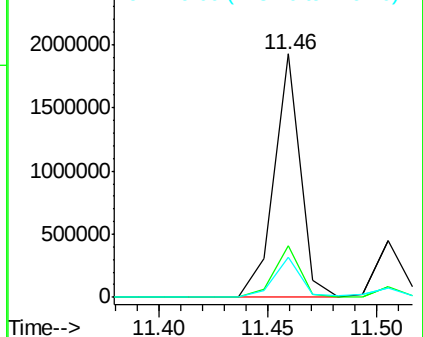
#70
Phenanthrene
Concen: 44.00 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF082609.D
Acq: 31 Oct 2015 9:17

Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEPDL2

Tgt Ion:178 Resp: 1632321
Ion Ratio Lower Upper
178 100
176 21.2 17.0 25.4
179 16.7 13.4 20.0

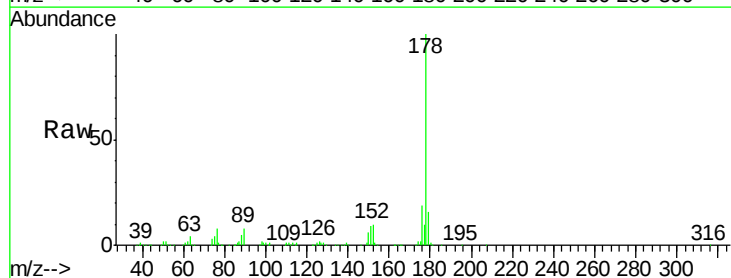


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

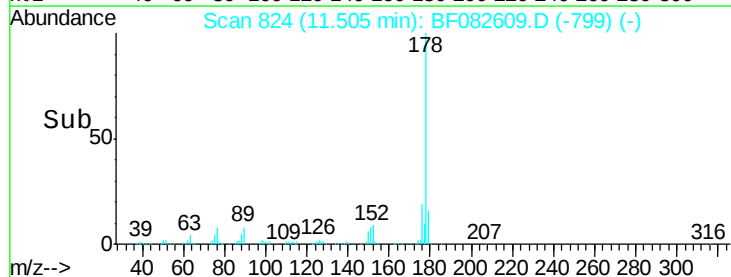
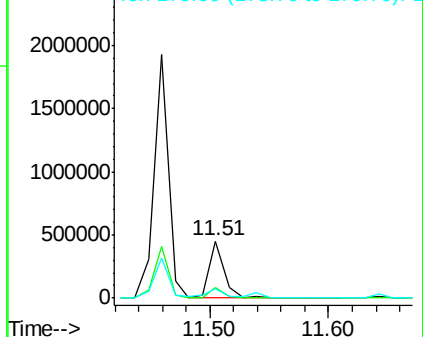


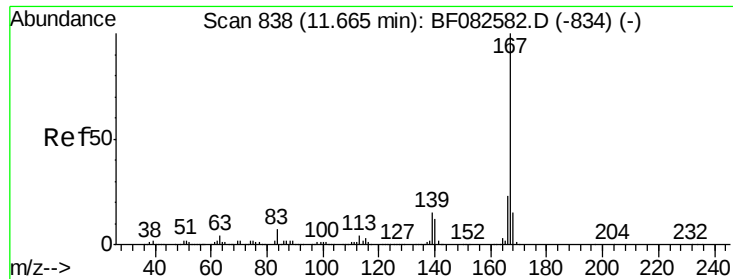
#71
Anthracene
Concen: 10.74 ng
RT: 11.51 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF082609.D
Acq: 31 Oct 2015 9:17

Tgt Ion:178 Resp: 401145
Ion Ratio Lower Upper
178 100
176 19.1 16.5 24.7
179 15.7 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

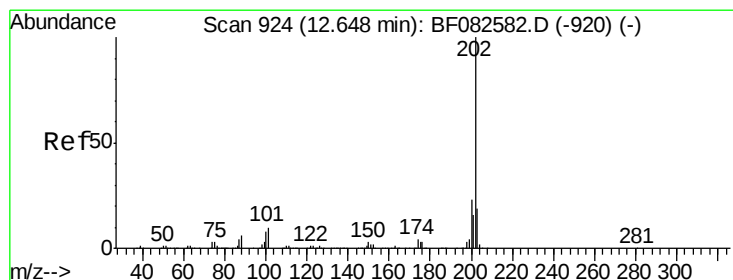
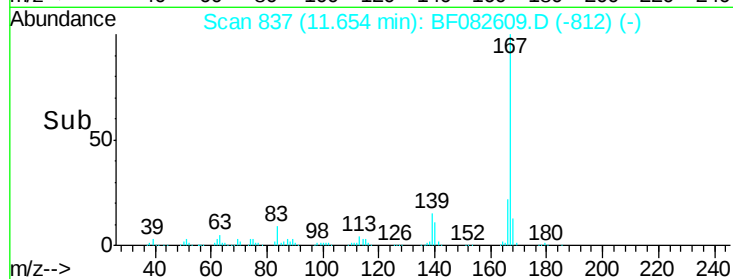
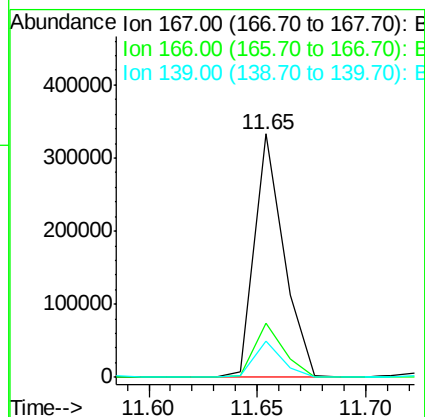
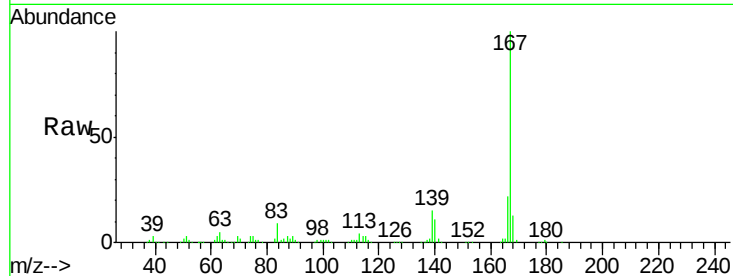




#72
 Carbazole
 Concen: 9.57 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF082609.D
 Acq: 31 Oct 2015 9:17

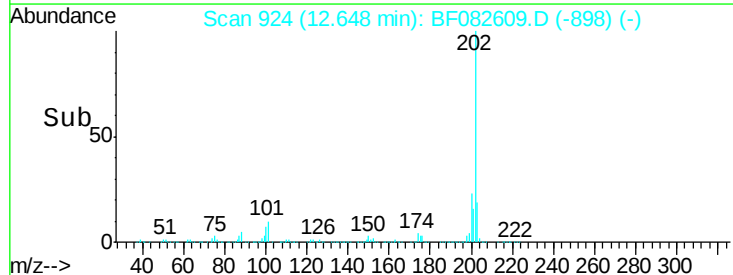
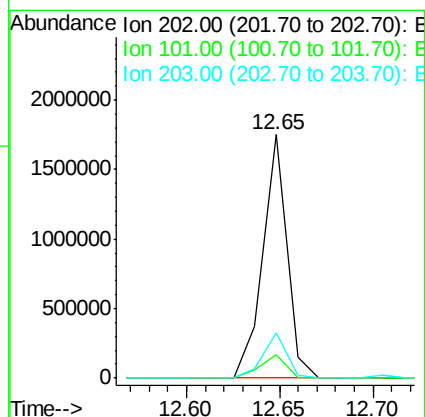
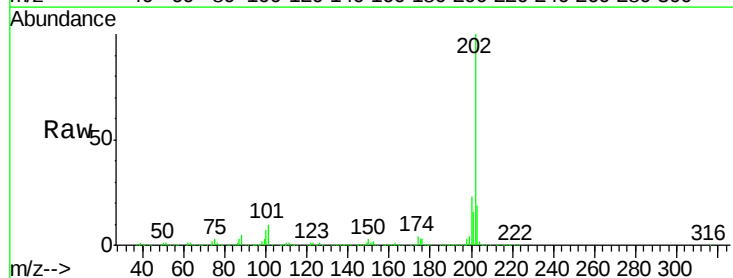
Instrument :
 BNA_F
 ClientSampleId :
 S5-BOILERROOM2.5FTDEEPDL2

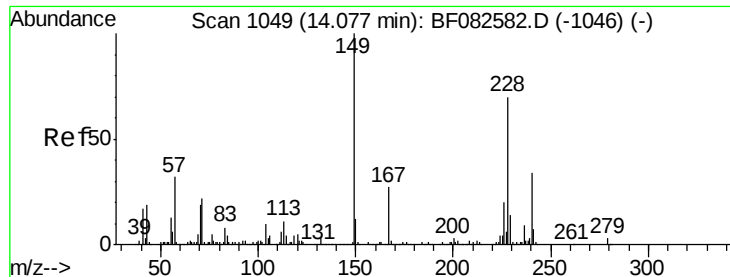
Tgt Ion:167 Resp: 311502
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.7 28.1
 139 14.8 11.8 17.6



#74
 Fluoranthene
 Concen: 41.12 ng
 RT: 12.65 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF082609.D
 Acq: 31 Oct 2015 9:17

Tgt Ion:202 Resp: 1559434
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 30.5
 203 18.6 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEPL2

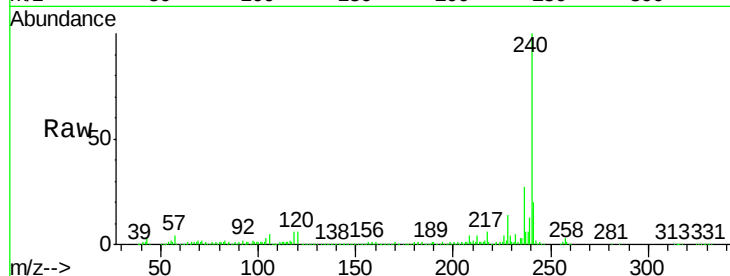
Tgt Ion:240 Resp: 419145

Ion Ratio Lower Upper

240 100

120 6.1 10.9 16.3#

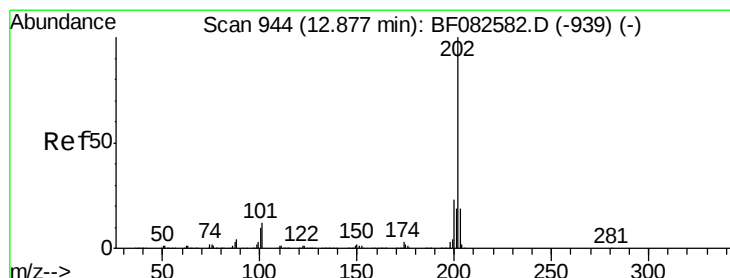
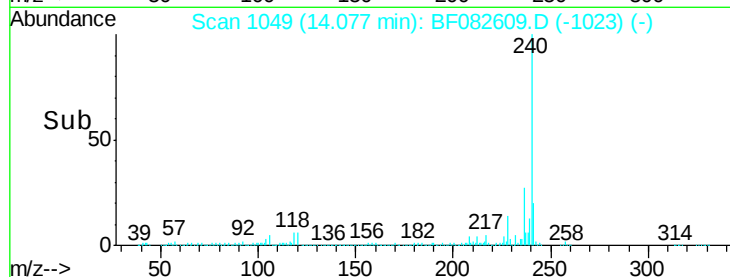
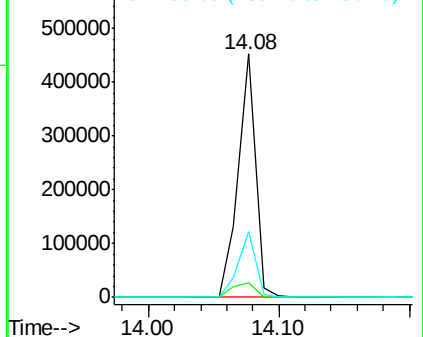
236 26.9 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 41.13 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

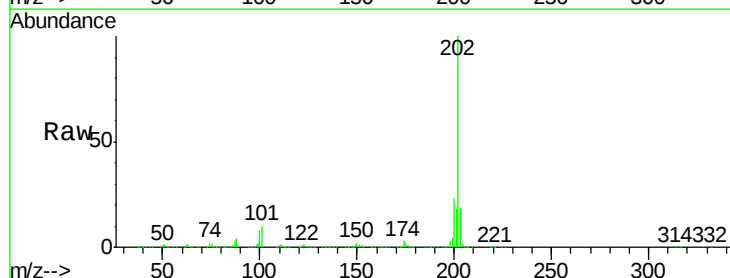
Tgt Ion:202 Resp: 1276721

Ion Ratio Lower Upper

202 100

200 23.0 18.7 28.1

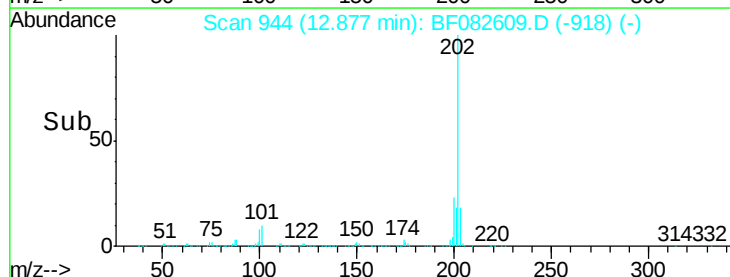
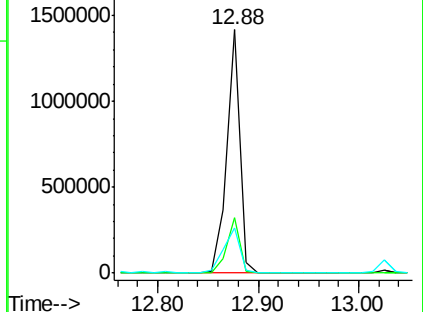
203 18.6 14.8 22.2

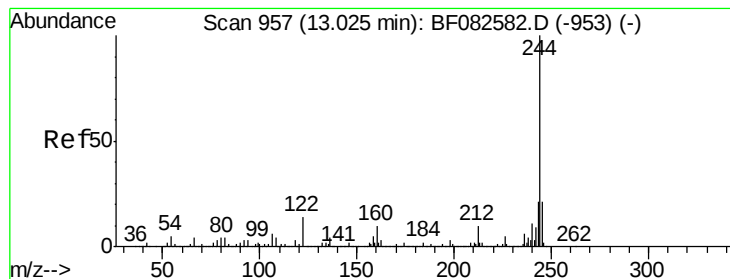


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 2.59 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEPL2

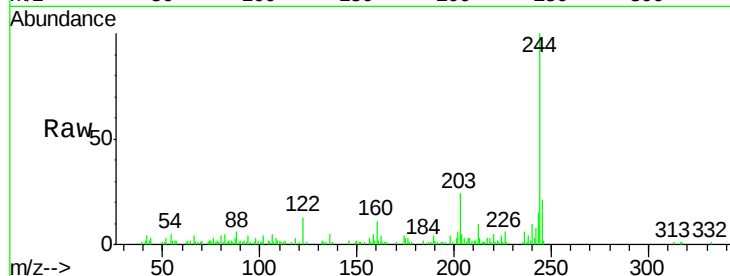
Tgt Ion:244 Resp: 49554

Ion Ratio Lower Upper

244 100

212 9.5 7.6 11.4

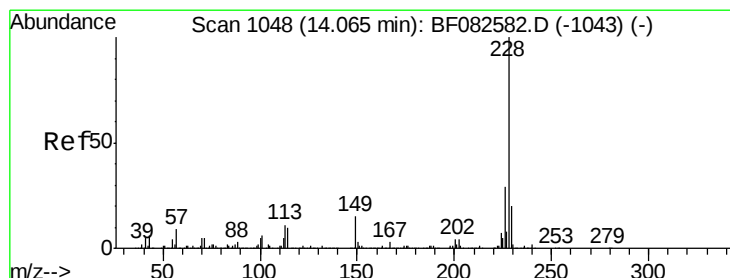
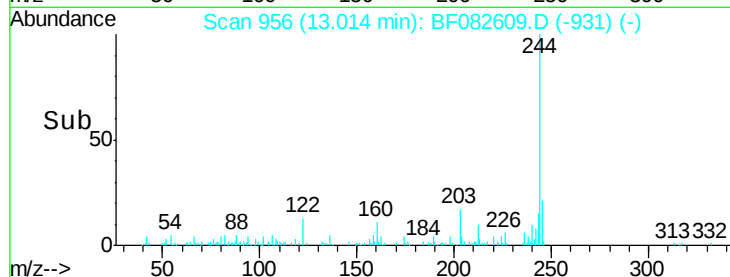
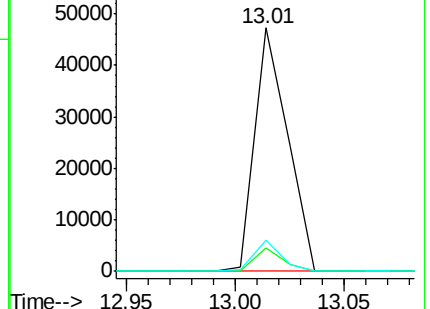
122 12.8 11.3 16.9



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: 21.03 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

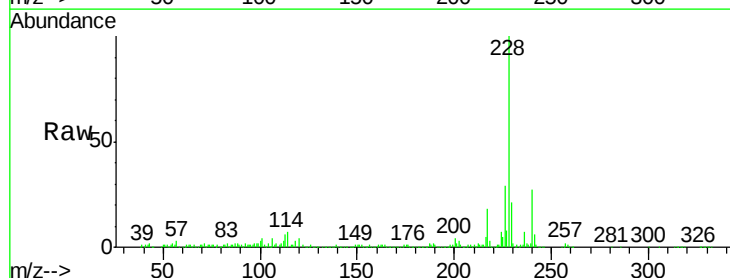
Tgt Ion:228 Resp: 559948

Ion Ratio Lower Upper

228 100

226 28.8 23.4 35.2

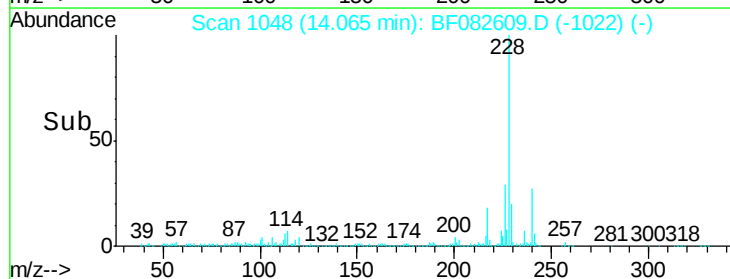
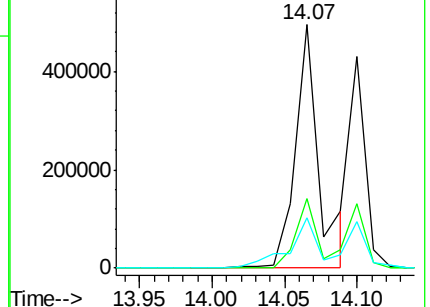
229 20.5 16.3 24.5

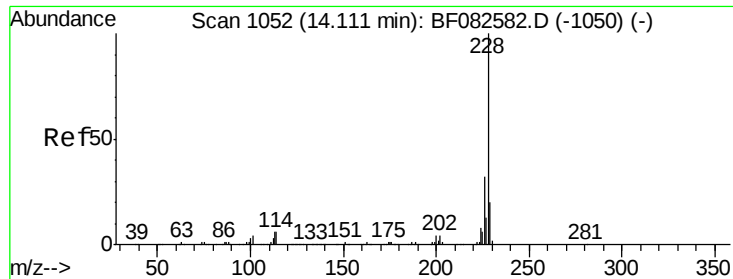


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 13.37 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEPL2

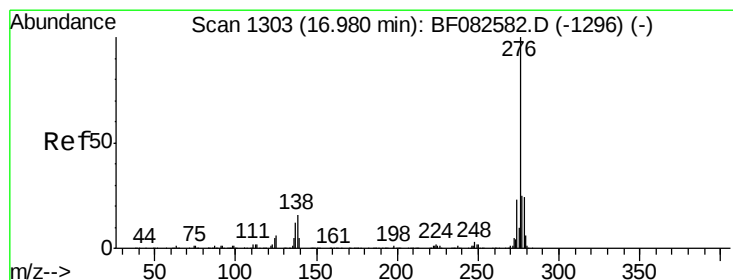
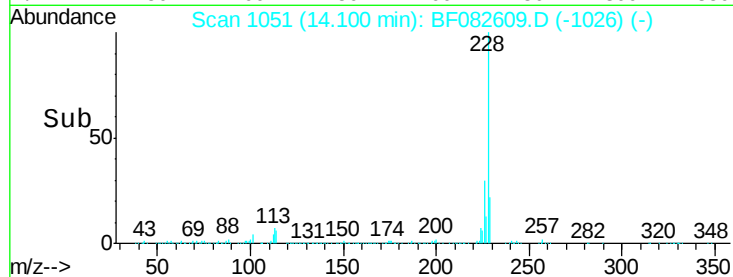
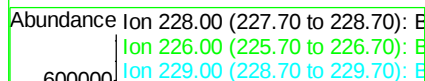
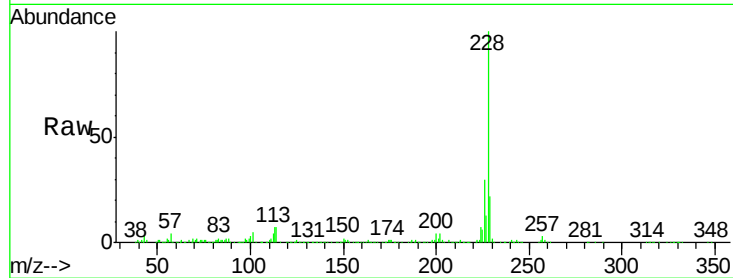
Tgt Ion:228 Resp: 322668

Ion Ratio Lower Upper

228 100

226 30.4 25.5 38.3

229 22.2 16.3 24.5



#85

Indeno(1,2,3-cd)pyrene

Concen: 12.86 ng

RT: 16.97 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

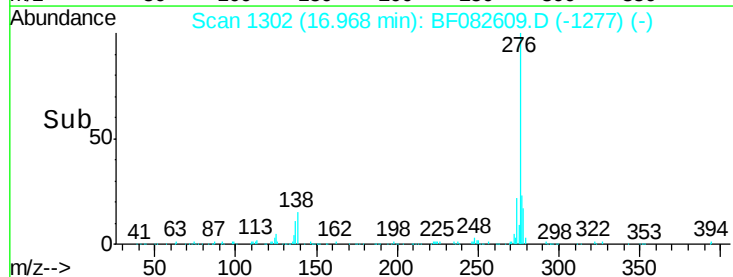
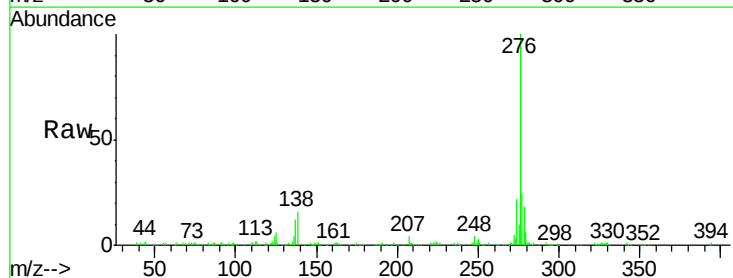
Tgt Ion:276 Resp: 256073

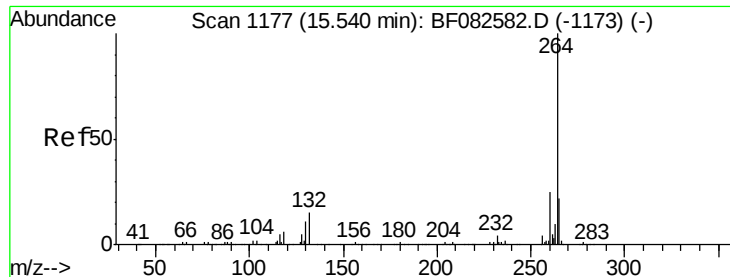
Ion Ratio Lower Upper

276 100

138 16.9 15.3 22.9

277 25.2 20.2 30.4



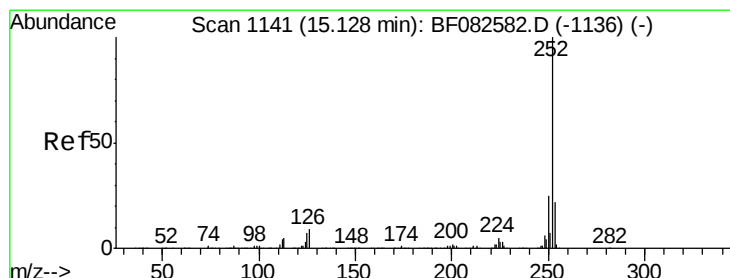
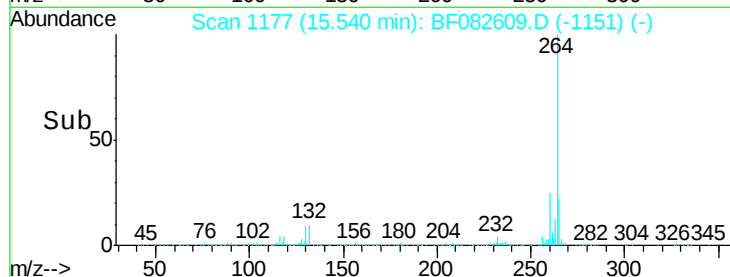
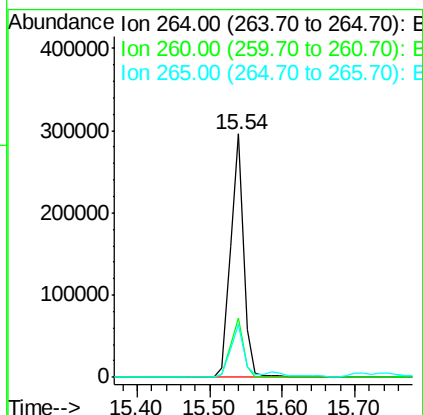
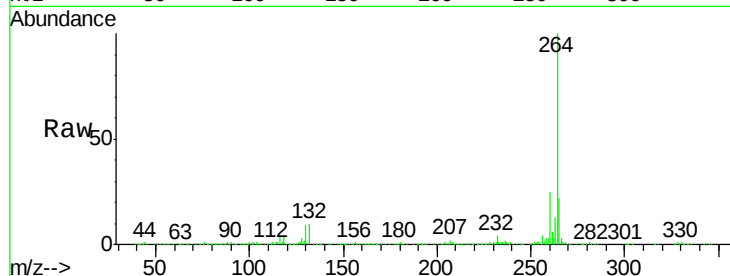


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF082609.D
Acq: 31 Oct 2015 9:17

Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEPL2

Tgt Ion: 264 Resp: 372750

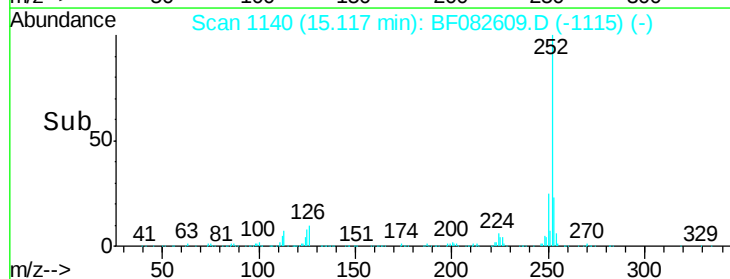
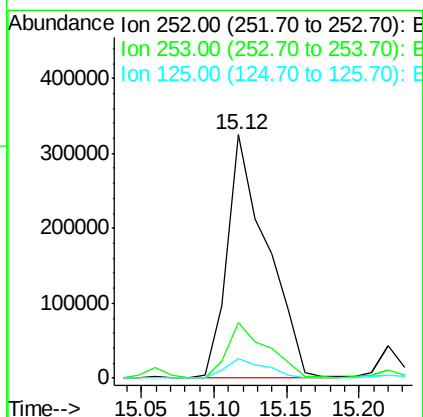
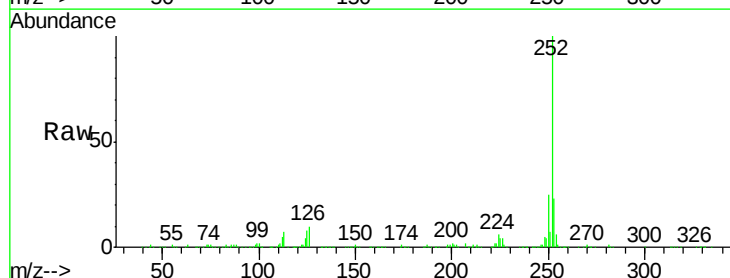
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.9	17.4	26.0

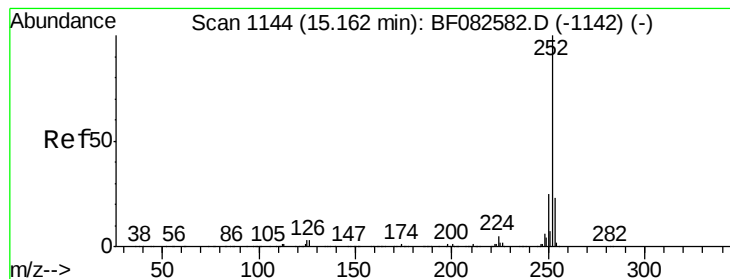


#87
Benzo(b)fluoranthene
Concen: 24.08 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF082609.D
Acq: 31 Oct 2015 9:17

Tgt Ion: 252 Resp: 618911

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	7.8	5.4	8.2





#88

Benzo(k)fluoranthene

Concen: 31.61 ng

RT: 15.12 min Scan# 1140

Delta R.T. -0.05 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEPL2

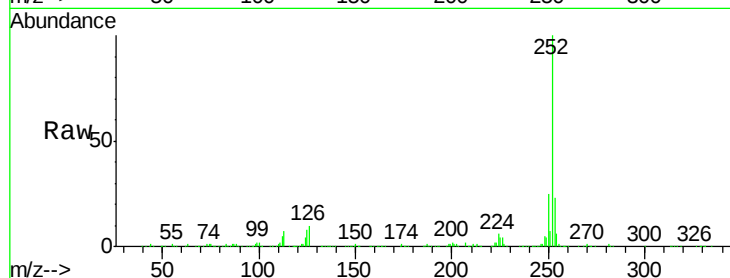
Tgt Ion:252 Resp: 618911

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

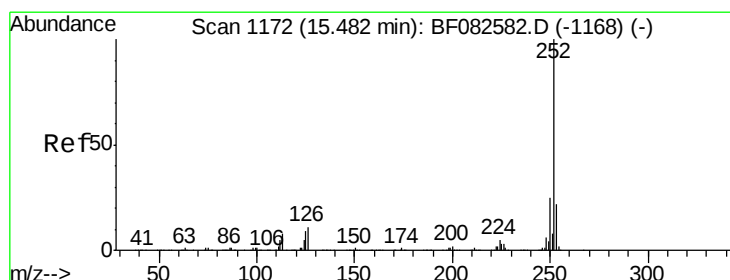
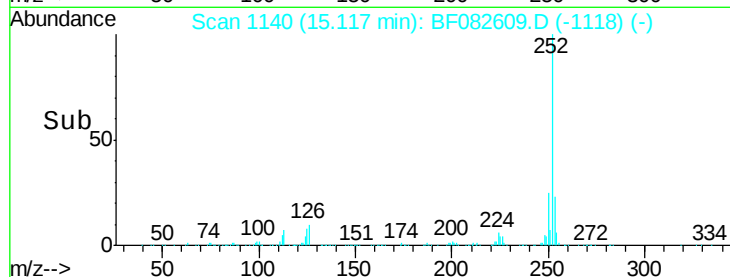
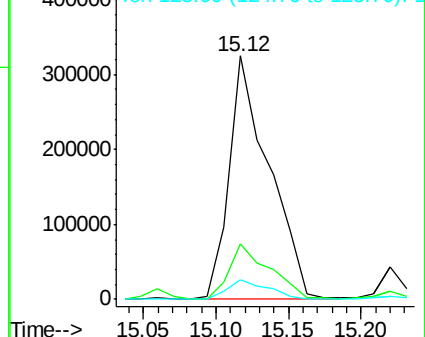
125 7.8 3.5 5.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 14.02 ng

RT: 15.47 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

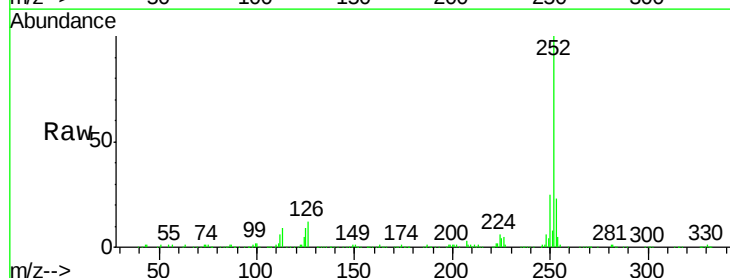
Tgt Ion:252 Resp: 283770

Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

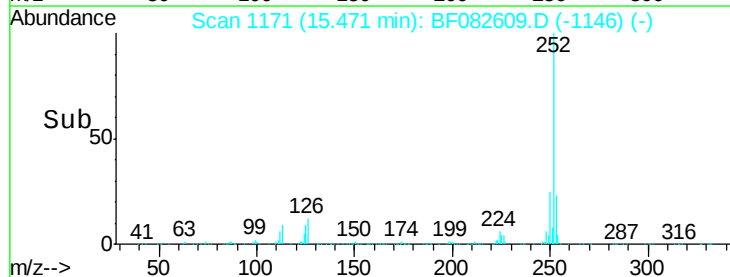
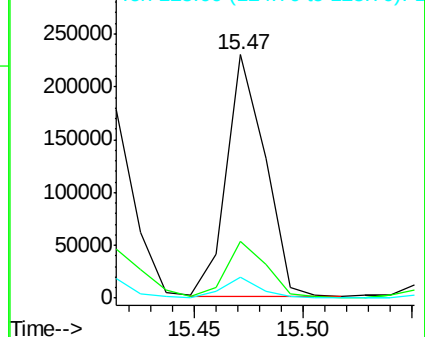
125 8.8 7.1 10.7

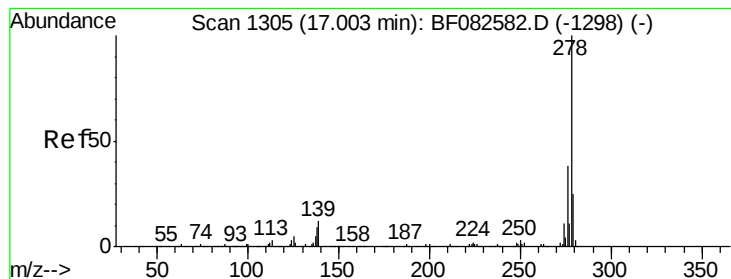


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 2.58 ng

RT: 17.14 min Scan# 1317

Delta R.T. 0.14 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEPDL2

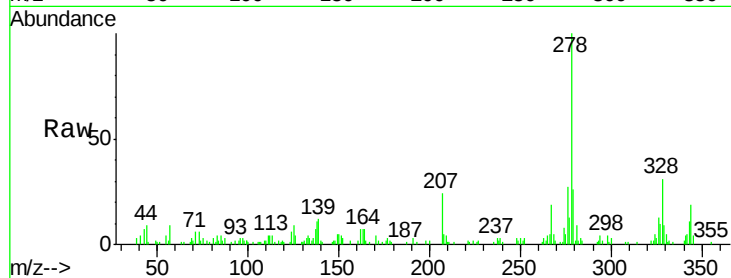
Tgt Ion: 278 Resp: 48815

Ion Ratio Lower Upper

278 100

139 11.9 9.9 14.9

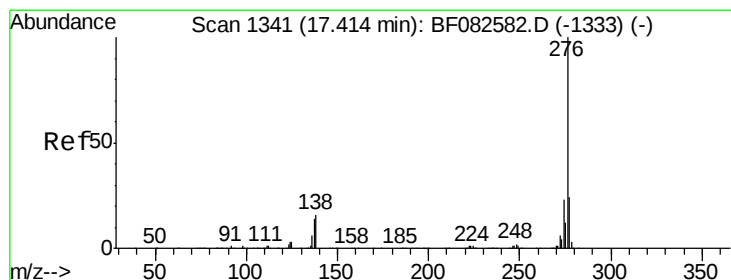
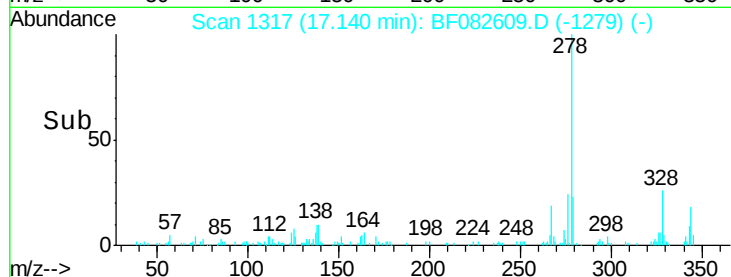
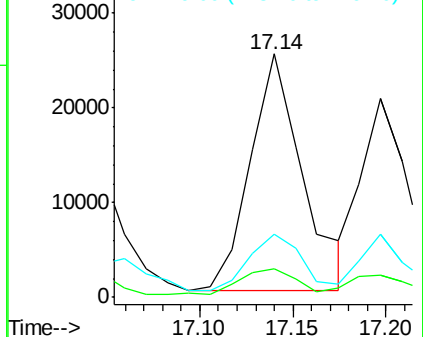
279 25.7 19.6 29.4



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: 13.12 ng

RT: 17.39 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF082609.D

Acq: 31 Oct 2015 9:17

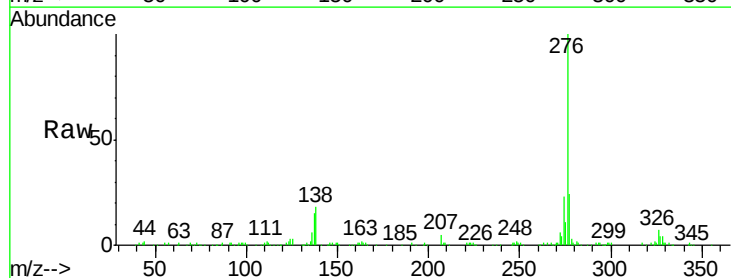
Tgt Ion: 276 Resp: 240187

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 18.3 13.1 19.7



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

