

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079762.D
 Acq On : 6 Jun 2015 8:22
 Operator : TP/IZ
 Sample : G2443-06 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-04

Quant Time: Jun 08 04:51:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 04:31:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	53950	20.00	ng	0.00
21) Naphthalene-d8	8.79	136	222344	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	124945	20.00	ng	0.00
63) Phenanthrene-d10	12.08	188	256555	20.00	ng	0.01
75) Chrysene-d12	15.10	240	275693	20.00	ng	0.08
86) Perylene-d12	17.09	264	249817	20.00	ng	0.14

System Monitoring Compounds

5) 2-Fluorophenol	6.10	112	196542	30.53	ng	0.00
7) Phenol-d6	7.08	99	282268	33.95	ng	0.00
23) Nitrobenzene-d5	8.04	82	136637	18.86	ng	0.00
41) 2,4,6-Tribromophenol	11.36	330	71173	29.78	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	359157	19.47	ng	0.00
78) Terphenyl-d14	13.79	244	462194	19.20	ng	0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	233	0.16	ng	# 1
6) Aniline	7.26	93	357	0.06	ng	# 1
9) Benzaldehyde	7.08	77	396	0.15	ng	# 7
10) Phenol	7.10	94	951	0.21	ng	# 51
11) bis(2-Chloroethyl)ether	7.26	93	357	0.10	ng	# 1
15) Benzyl Alcohol	7.64	79	2385	0.69	ng	# 39
24) Nitrobenzene	8.04	77	499	0.14	ng	# 47
31) Naphthalene	8.81	128	341	0.03	ng	# 68
45) 1,1'-Biphenyl	9.86	154	700	0.06	ng	# 1
48) Acenaphthylene	10.42	152	8479	0.58	ng	96
49) Dimethylphthalate	10.24	163	63590	6.61	ng	100
50) 2,6-Dinitrotoluene	10.24	165	949	1.76	ng	# 11
51) Acenaphthene	10.59	154	313	0.04	ng	# 68
54) Dibenzofuran	10.76	168	246	0.02	ng	# 47
56) 2,4-Dinitrotoluene	10.56	165	15702	11.29	ng	# 34
57) Fluorene	11.13	166	647	0.06	ng	# 34
59) Diethylphthalate	10.95	149	236	0.03	ng	# 58
62) Azobenzene	11.35	77	609	0.06	ng	# 1
65) n-Nitrosodiphenylamine	11.36	169	2184	0.25	ng	# 35
70) Phenanthrene	12.10	178	4863	0.32	ng	97
71) Anthracene	12.16	178	4837	0.33	ng	97
72) Carbazole	12.31	167	1197	0.09	ng	# 59
73) Di-n-butylphthalate	12.63	149	737	0.05	ng	# 65
74) Fluoranthene	13.38	202	13835	0.84	ng	96
77) Pyrene	13.65	202	15778	0.93	ng	97
79) Butylbenzylphthalate	14.34	149	1179	0.17	ng	# 65
80) Benzo(a)anthracene	15.09	228	11307	0.67	ng	# 90
81) 3,3'-Dichlorobenzidine	15.10	252	216	0.04	ng	# 1
82) Chrysene	15.09	228	11307	0.72	ng	94
83) Bis(2-ethylhexyl)phthalate	15.05	149	4242	0.40	ng	# 97
84) Di-n-octyl phthalate	15.87	149	2507	0.13	ng	# 69
85) Indeno(1,2,3-cd)pyrene	19.09	276	12968	0.72	ng	# 75
87) Benzo(b)fluoranthene	16.50	252	21489	1.38	ng	# 82
88) Benzo(k)fluoranthene	16.50	252	21489	1.44	ng	# 84

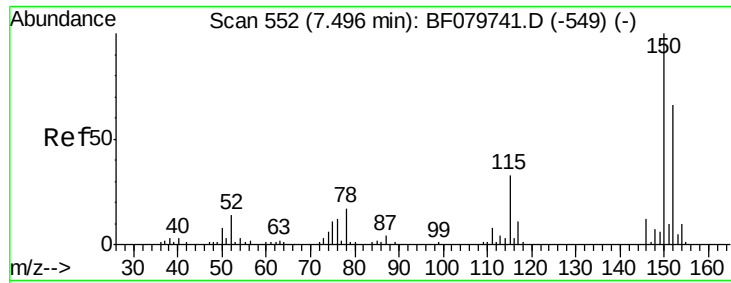
Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079762.D
Acq On : 6 Jun 2015 8:22
Operator : TP/IZ
Sample : G2443-06 2X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 04:31:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	16.99	252	11003	0.77	ng	# 81
90) Dibenzo(a,h)anthracene	19.11	278	5624	0.41	ng	# 46
91) Benzo(g,h,i)perylene	19.69	276	14375	1.01	ng	# 83

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.50 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampled :

FD-04

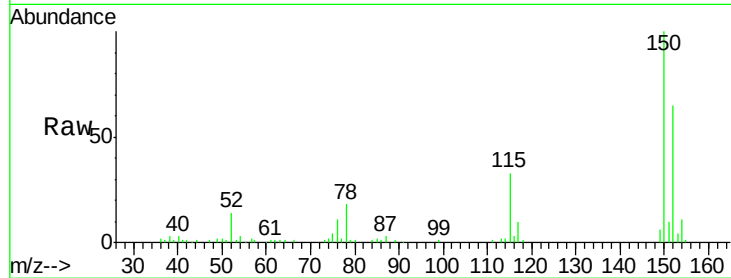
Tot Ion:152 Resp: 53950

Ion Ratio Lower Upper

152 100

150 153.9 128.1 192.1

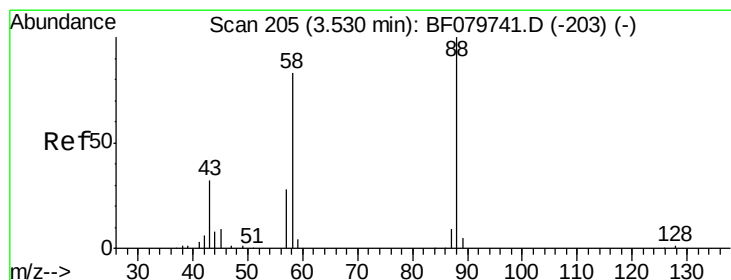
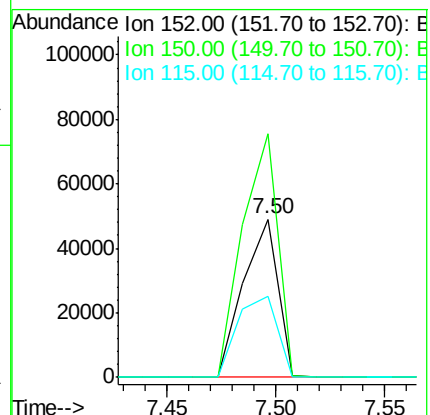
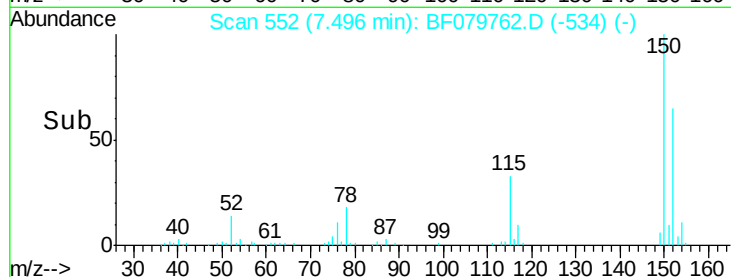
115 51.0 49.7 74.5



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



#2

1,4-Dioxane

Concen: 0.16 ng

RT: 3.56 min Scan# 208

Delta R.T. 0.03 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

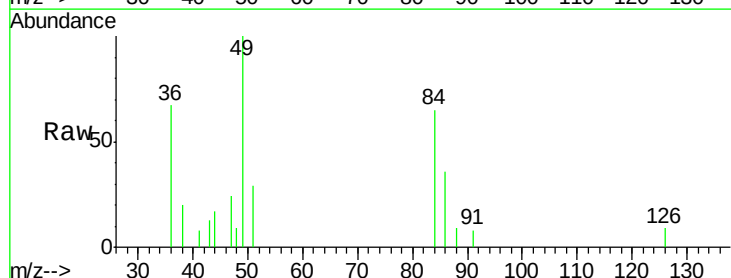
Tgt Ion: 88 Resp: 233

Ion Ratio Lower Upper

88 100

58 0.0 64.2 96.4#

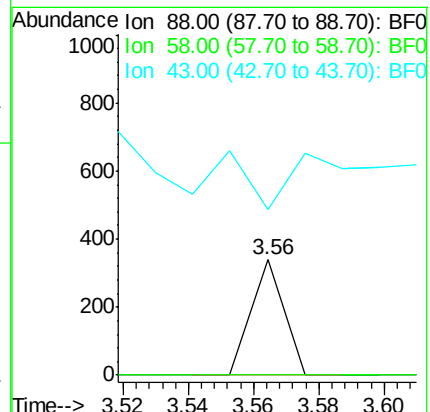
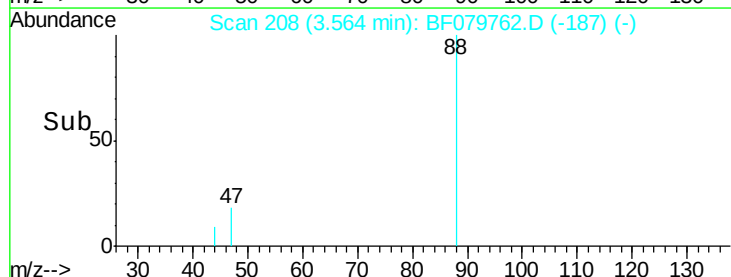
43 122.3 25.1 37.7#

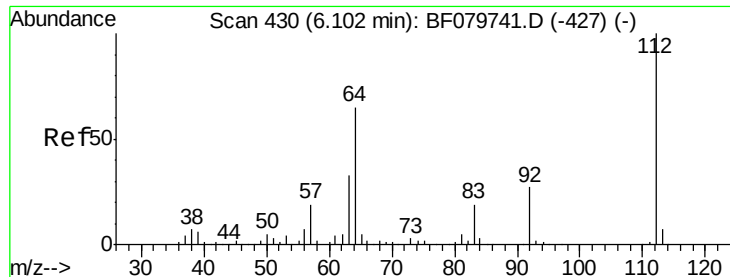


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 30.53 ng

RT: 6.10 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampleId :

FD-04

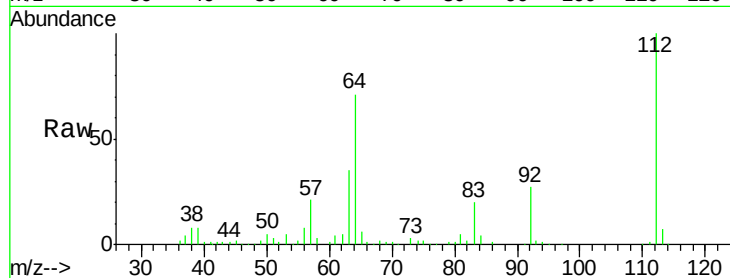
Tot Ion:112 Resp: 196542

Ion Ratio Lower Upper

112 100

64 70.6 49.6 74.4

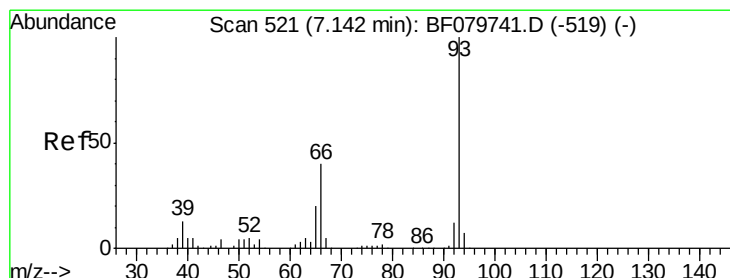
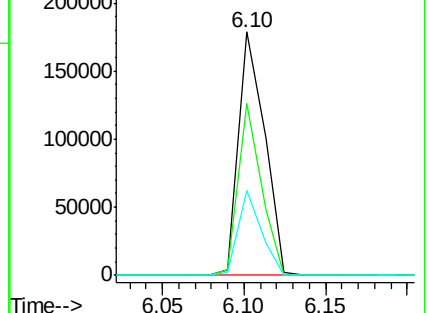
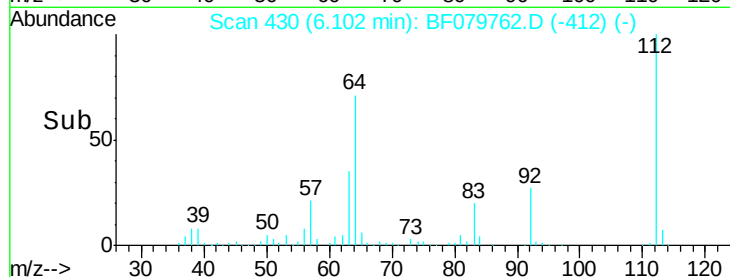
63 34.7 24.9 37.3



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



#6

Aniline

Concen: 0.06 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.11 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

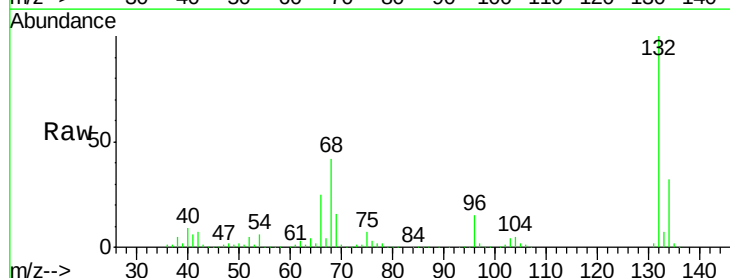
Tgt Ion: 93 Resp: 357

Ion Ratio Lower Upper

93 100

66 14066.2 30.3 45.5#

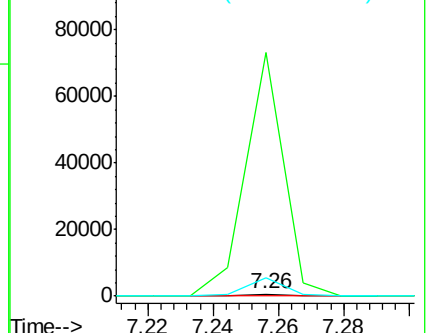
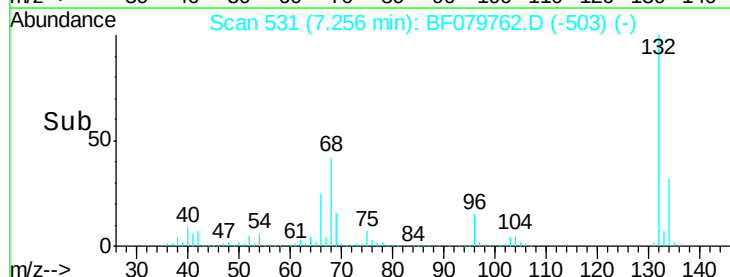
65 1068.1 15.8 23.6#

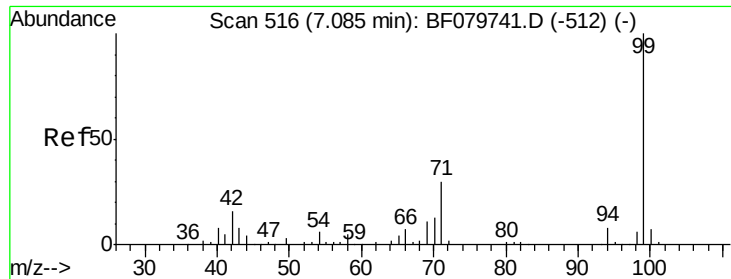


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 33.95 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampled :

FD-04

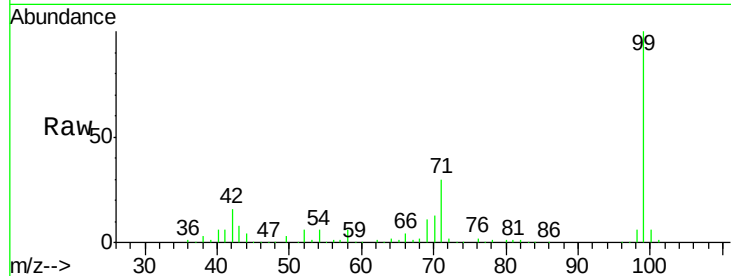
Tot Ion: 99 Resp: 282268

Ion Ratio Lower Upper

99 100

42 15.9 18.0 27.0#

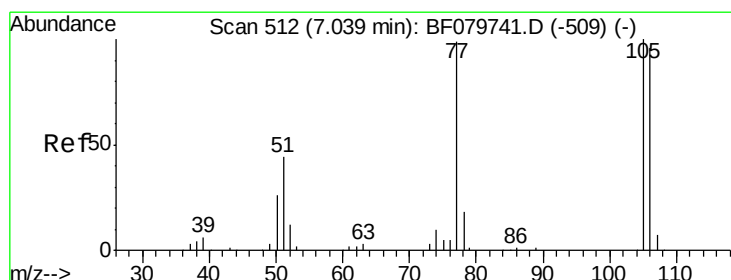
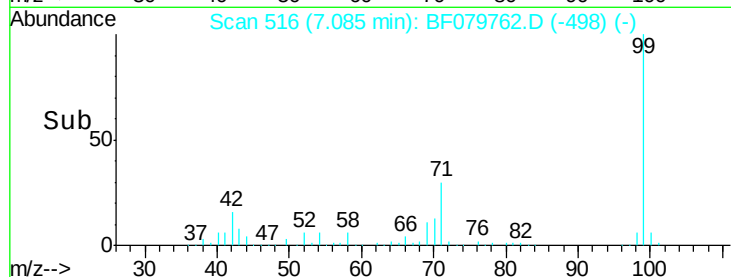
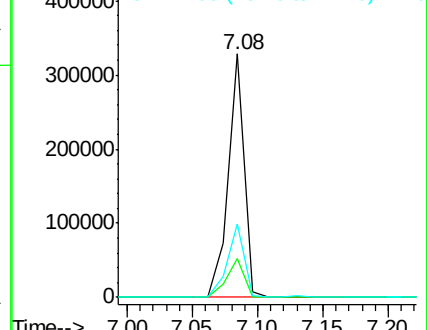
71 30.2 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 0.15 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.05 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

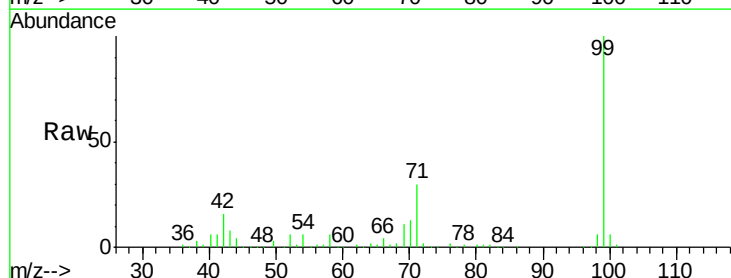
Tgt Ion: 77 Resp: 396

Ion Ratio Lower Upper

77 100

105 0.0 66.1 106.1#

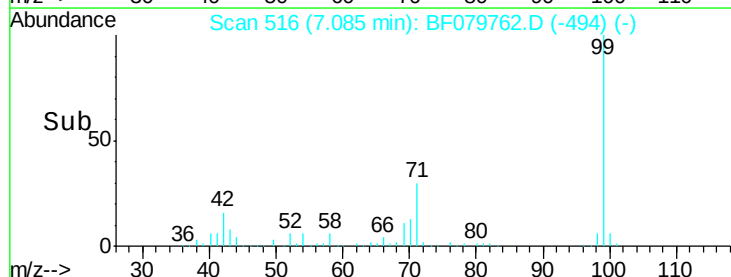
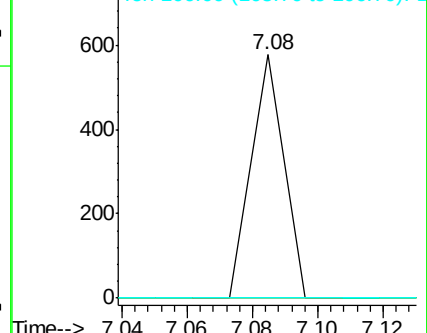
106 0.0 61.9 101.9#

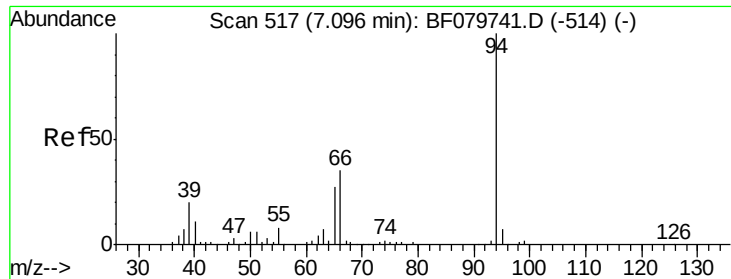


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.21 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampleId :

FD-04

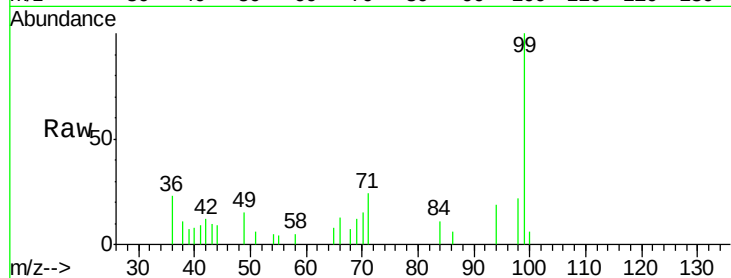
Tot Ion: 94 Resp: 951

Ion Ratio Lower Upper

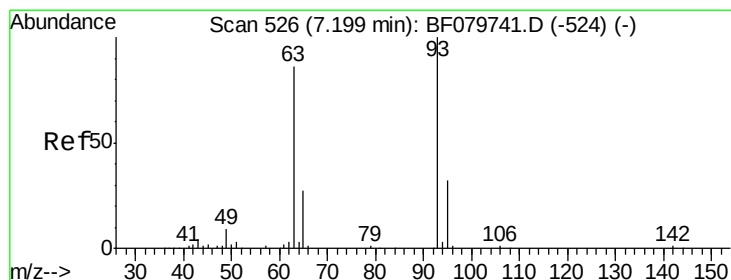
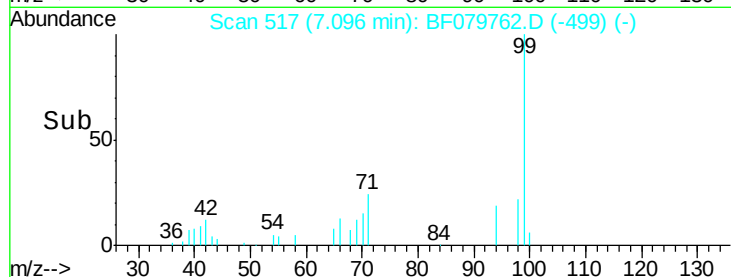
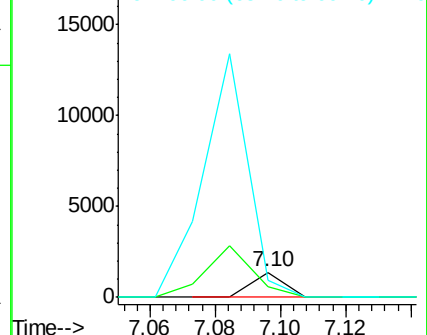
94 100

65 40.2 5.3 45.3

66 67.3 11.3 51.3#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.06 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

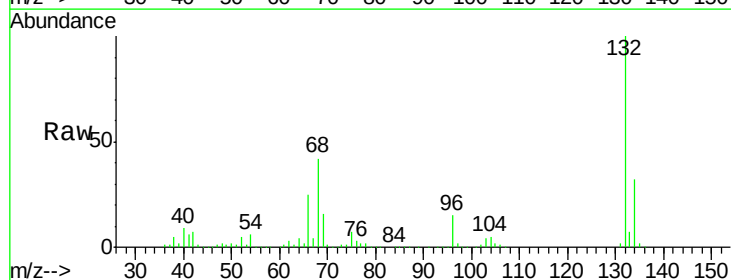
Tgt Ion: 93 Resp: 357

Ion Ratio Lower Upper

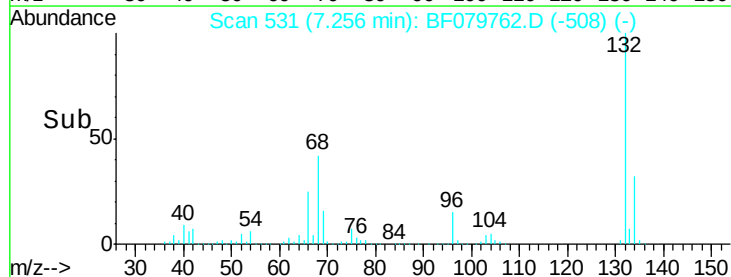
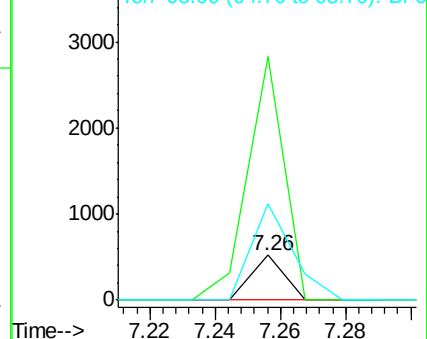
93 100

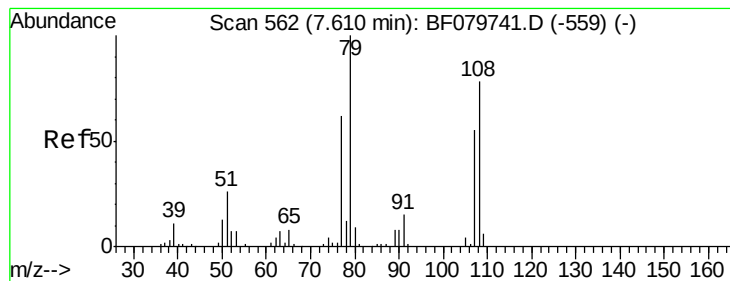
63 543.8 58.7 98.7#

95 216.3 12.9 52.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 0.69 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampleId :

FD-04

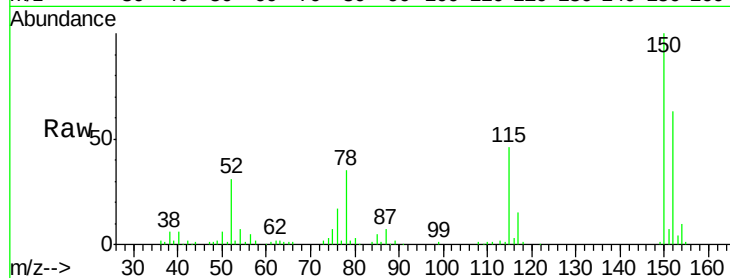
Tot Ion: 79 Resp: 2385

Ion Ratio Lower Upper

79 100

108 26.4 68.4 102.6#

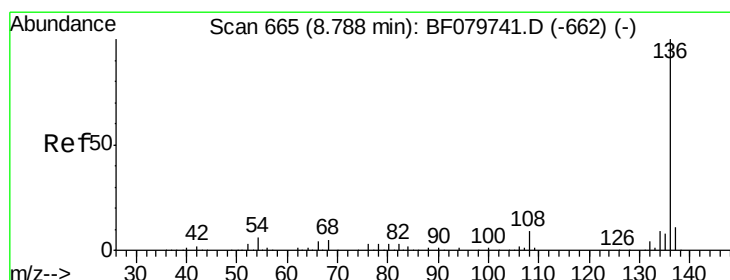
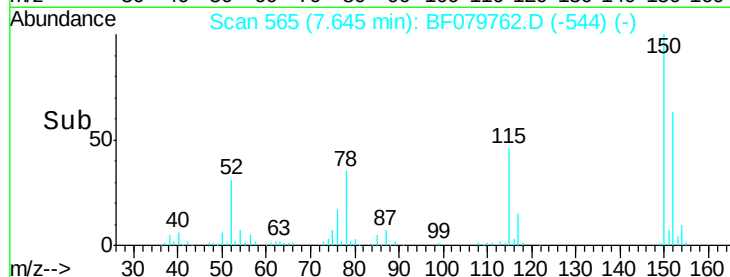
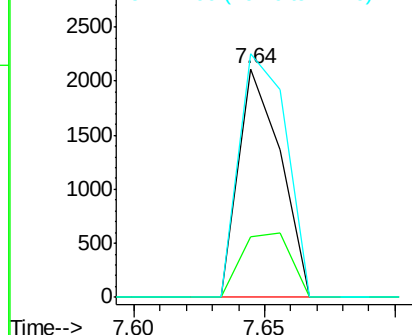
77 106.7 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.79 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Tgt Ion: 136 Resp: 222344

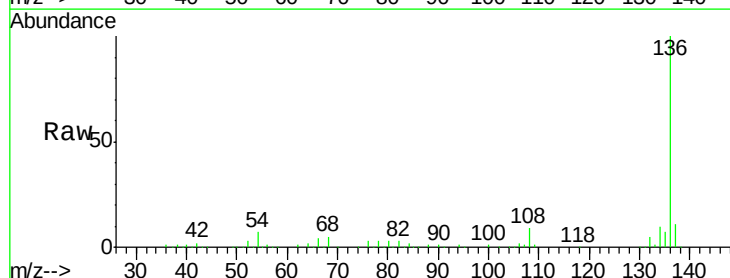
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.7 8.7 13.1#

68 4.9 5.8 8.8#

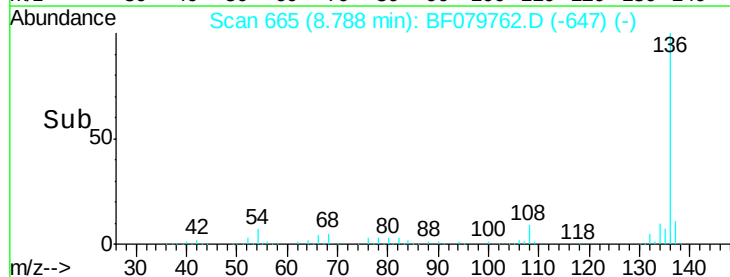
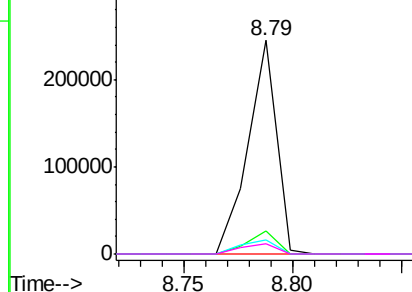


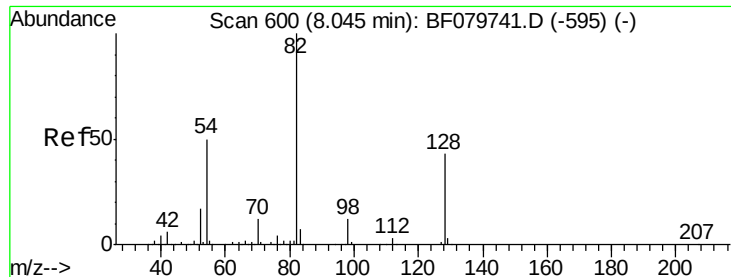
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

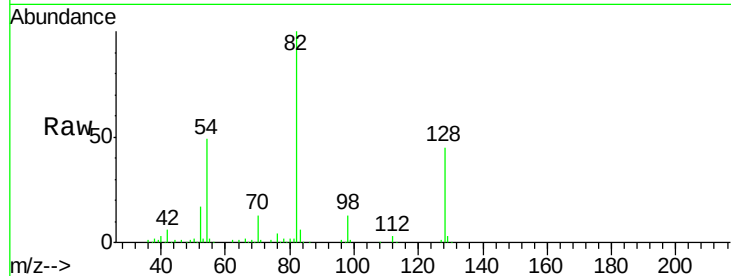




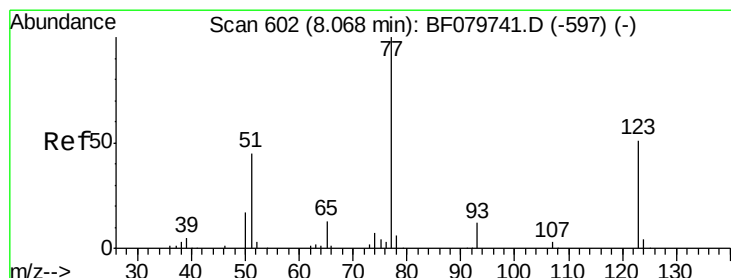
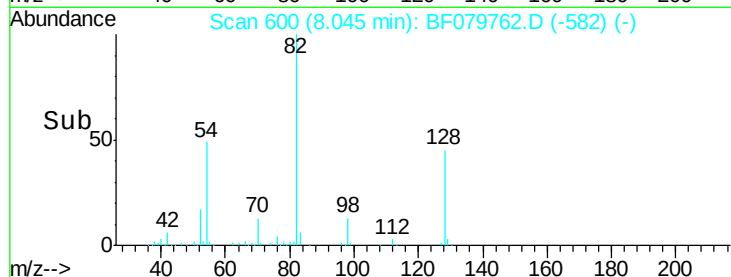
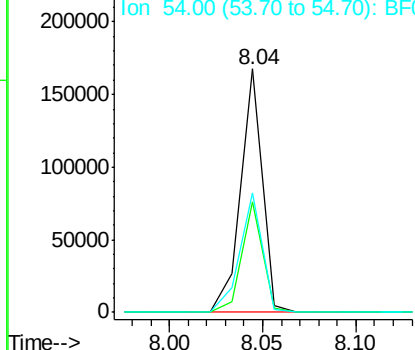
#23
 Nitrobenzene-d5
 Concen: 18.86 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF079762.D
 Acq: 6 Jun 2015 8:22

Instrument :
 BNA_F
 ClientSampleId :
 FD-04

Tot Ion	82	Resp	136637
Ion Ratio	100	Lower	Upper
128	45.1	37.6	56.4
54	49.2	39.4	59.2

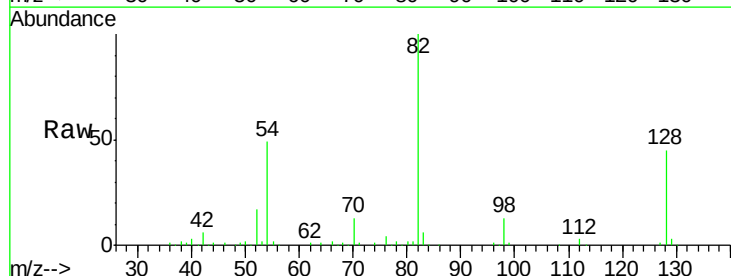


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

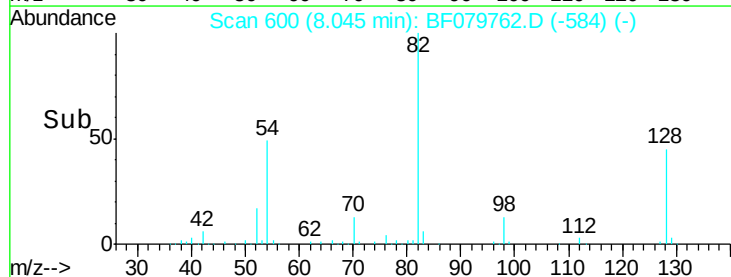
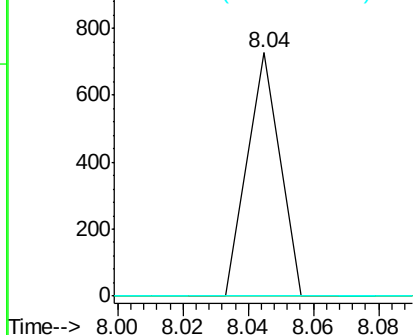


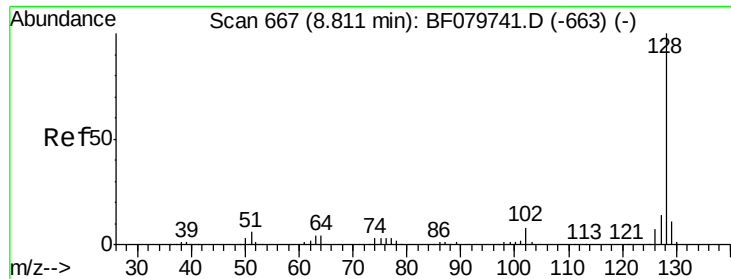
#24
 Nitrobenzene
 Concen: 0.14 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF079762.D
 Acq: 6 Jun 2015 8:22

Tgt Ion	77	Resp	499
Ion Ratio	100	Lower	Upper
123	0.0	28.1	42.1#
65	0.0	10.9	16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

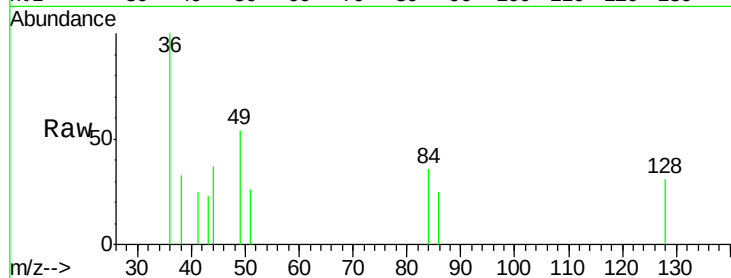




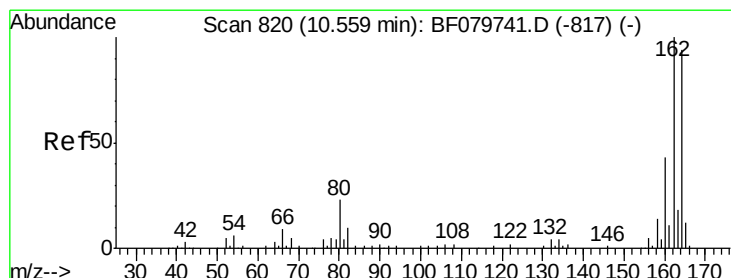
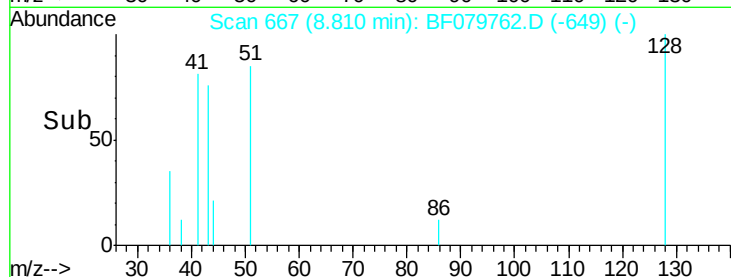
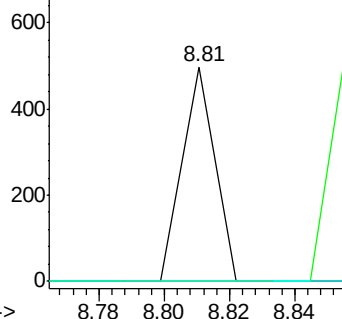
#31
Naphthalene
Concen: 0.03 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079762.D
Acq: 6 Jun 2015 8:22

Instrument :
BNA_F
ClientSampleId :
FD-04

Tot Ion:128 Resp: 341
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.2#
127 0.0 10.7 16.1#

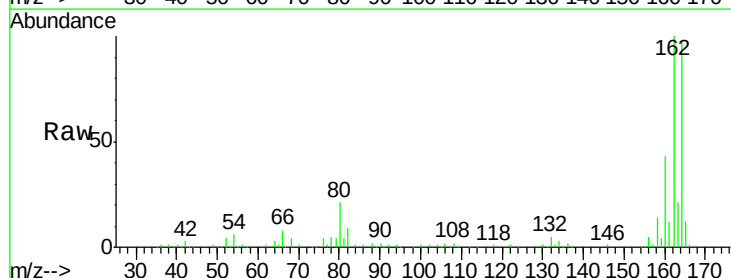


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

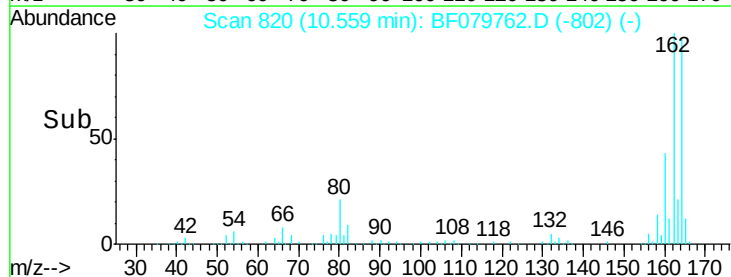
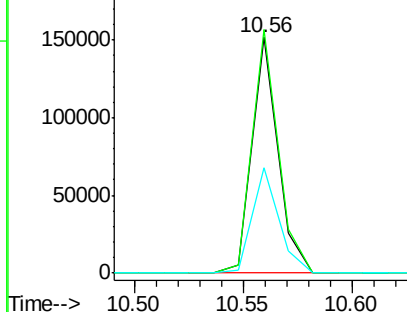


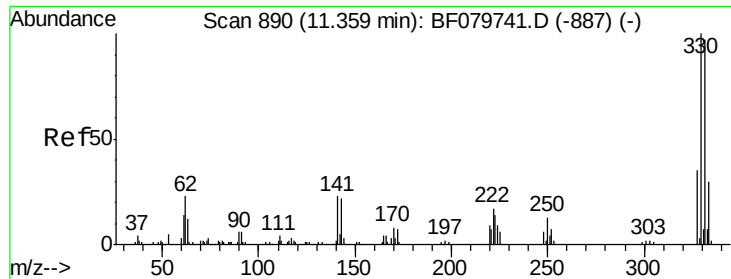
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF079762.D
Acq: 6 Jun 2015 8:22

Tgt Ion:164 Resp: 124945
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 44.5 36.8 55.2



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

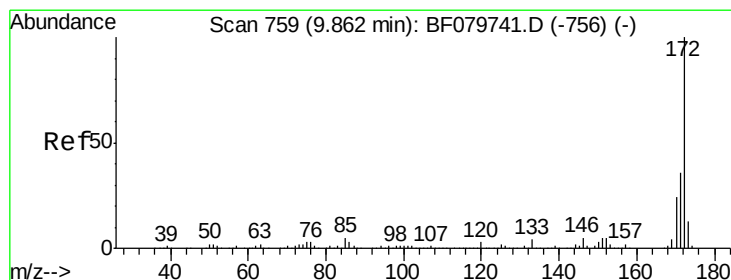
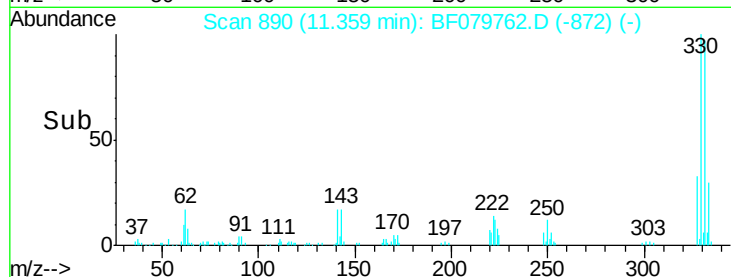
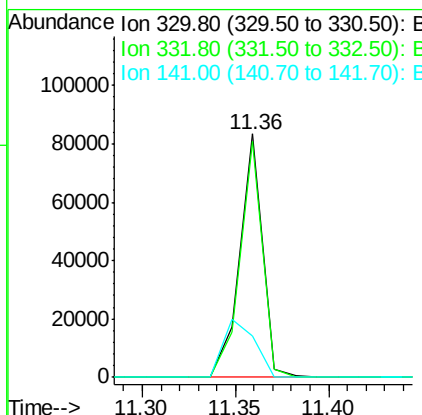
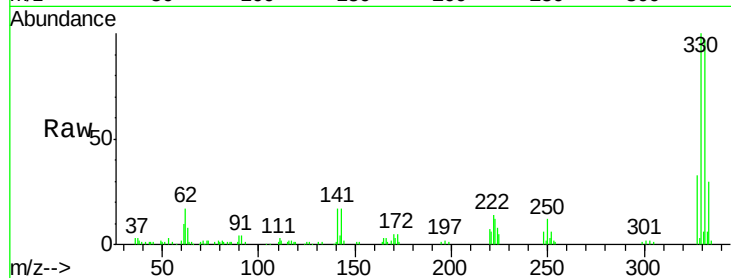




#41
 2,4,6-Tribromophenol
 Concen: 29.78 ng
 RT: 11.36 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF079762.D
 Acq: 6 Jun 2015 8:22

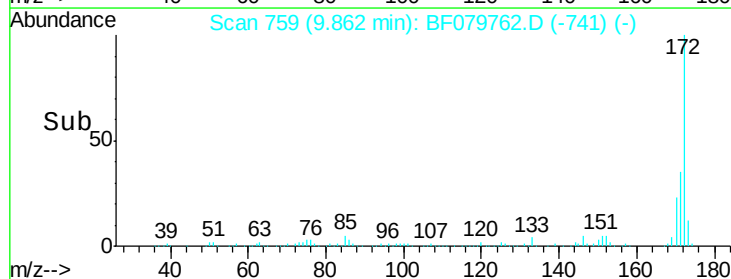
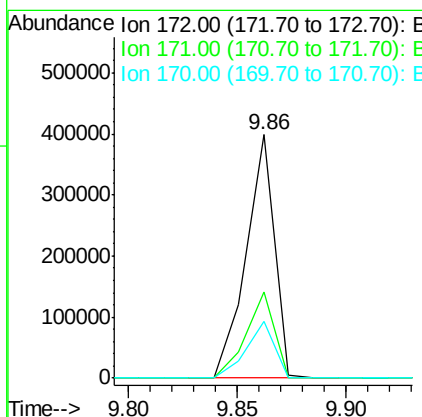
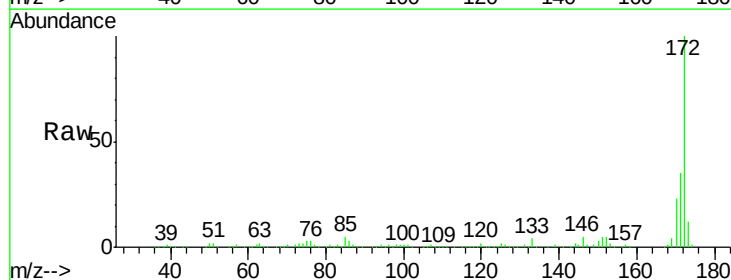
Instrument :
 BNA_F
 ClientSampled :
 FD-04

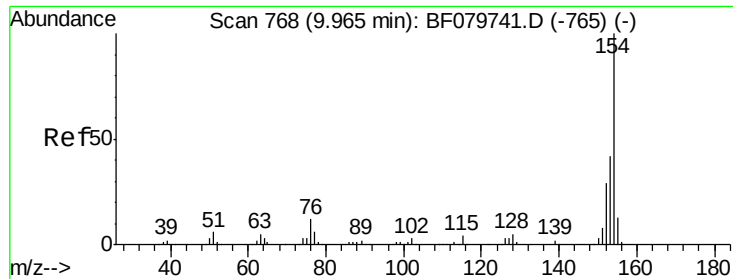
Tot Ion:330 Resp: 71173
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.0
 141 33.0 30.2 45.2



#44
 2-Fluorobiphenyl
 Concen: 19.47 ng
 RT: 9.86 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF079762.D
 Acq: 6 Jun 2015 8:22

Tgt Ion:172 Resp: 359157
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 23.2 19.7 29.5





#45

1,1'-Biphenyl

Concen: 0.06 ng

RT: 9.86 min Scan# 759

Delta R.T. -0.10 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampleId :

FD-04

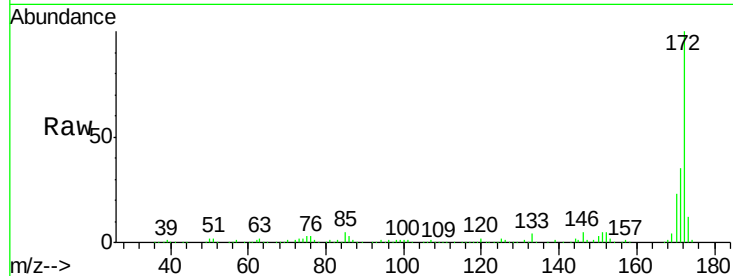
Tot Ion:154 Resp: 700

Ion Ratio Lower Upper

154 100

153 885.8 19.9 59.9#

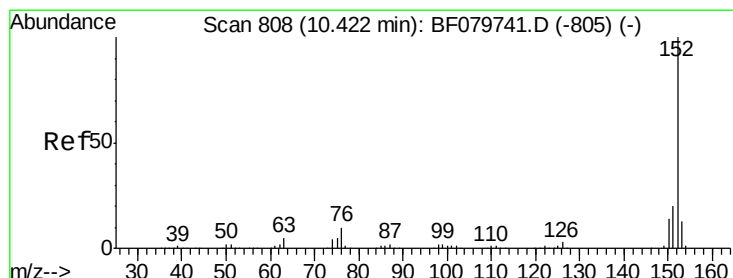
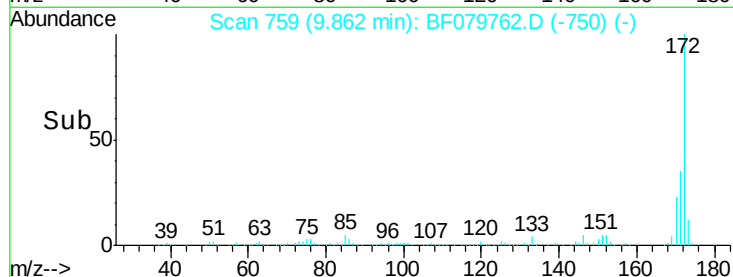
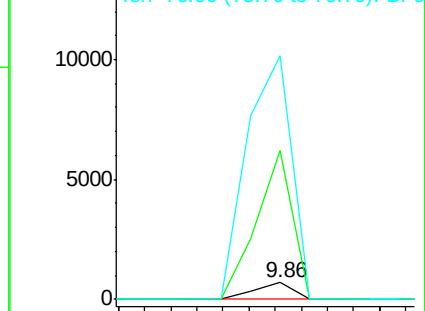
76 1442.5 0.0 28.2#



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: 0.58 ng

RT: 10.42 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

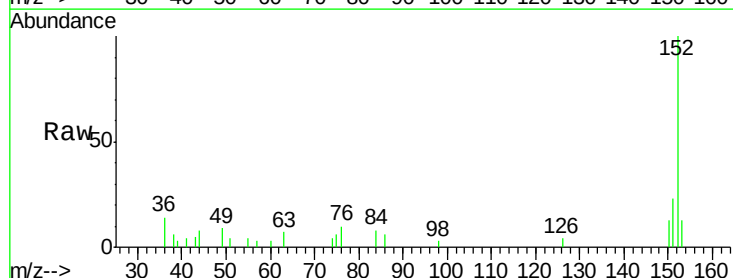
Tgt Ion:152 Resp: 8479

Ion Ratio Lower Upper

152 100

151 23.2 16.2 24.4

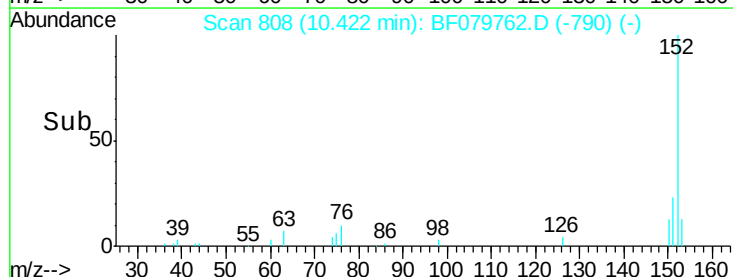
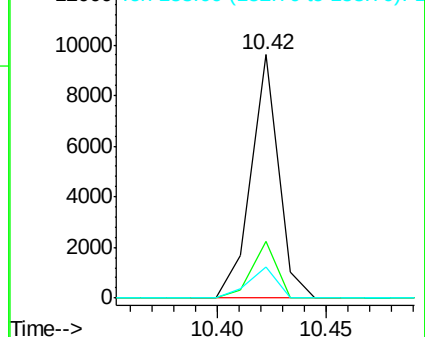
153 12.9 10.4 15.6

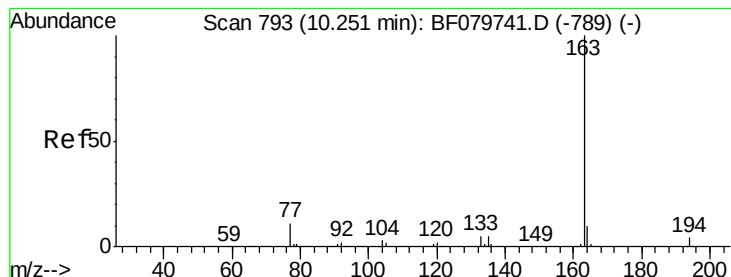


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 6.61 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampleId :

FD-04

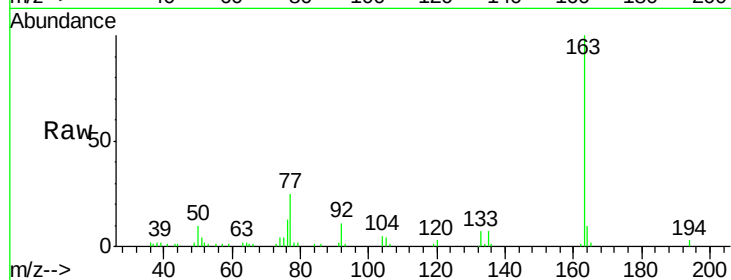
Tot Ion:163 Resp: 63590

Ion Ratio Lower Upper

163 100

194 3.2 2.6 3.8

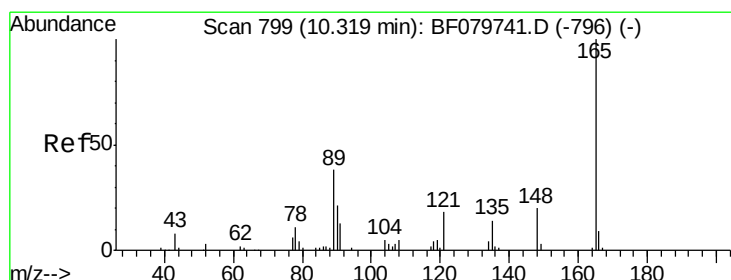
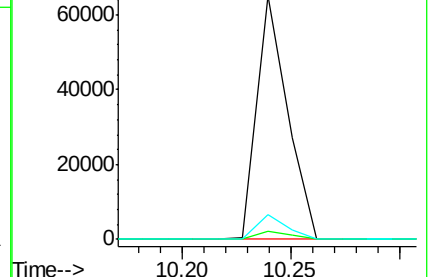
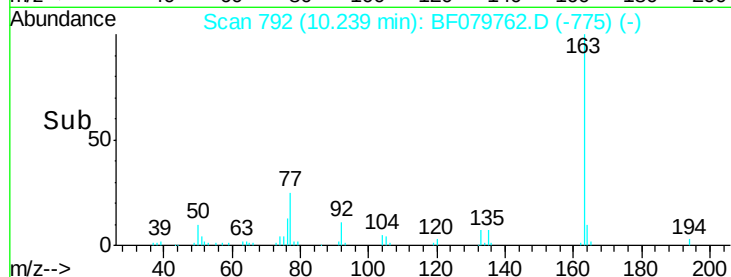
164 10.4 8.5 12.7



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: 1.76 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.08 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

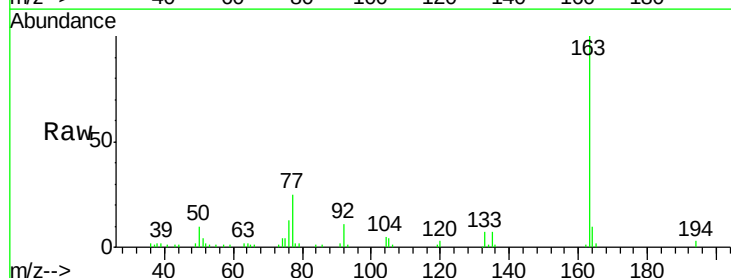
Tgt Ion:165 Resp: 949

Ion Ratio Lower Upper

165 100

63 129.8 45.2 67.8#

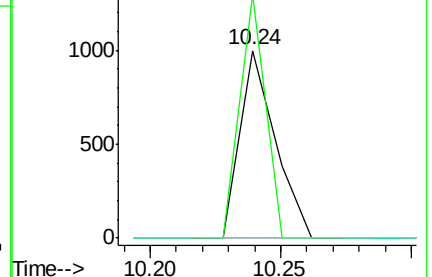
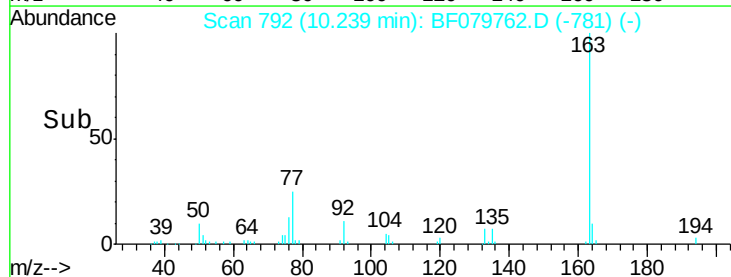
89 0.0 45.9 68.9#

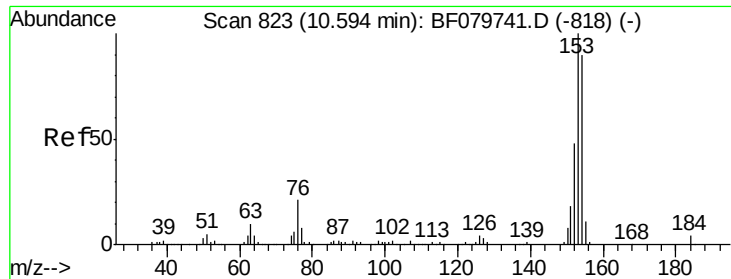


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.04 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampleId :

FD-04

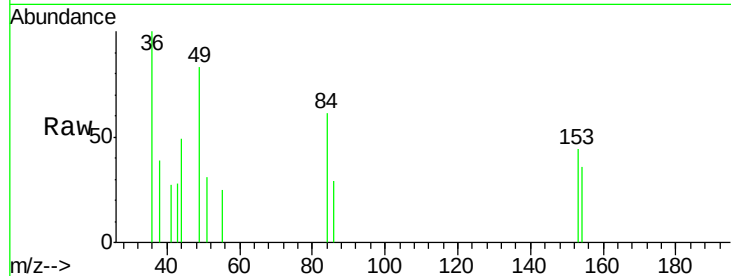
Tot Ion:154 Resp: 313

Ion Ratio Lower Upper

154 100

153 123.9 90.1 135.1

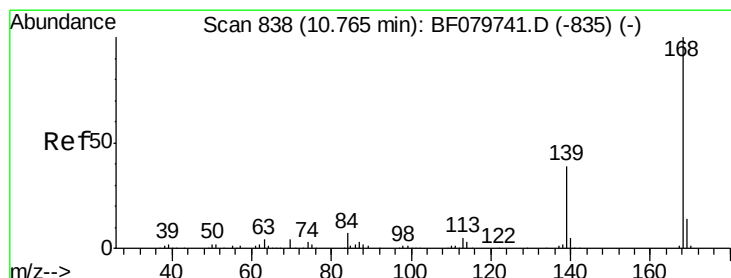
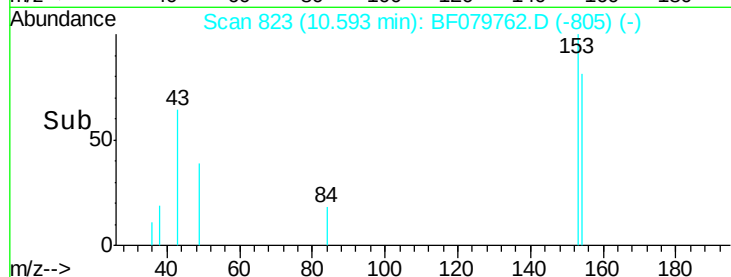
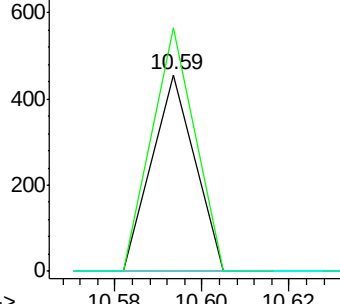
152 0.0 43.4 65.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.02 ng

RT: 10.76 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

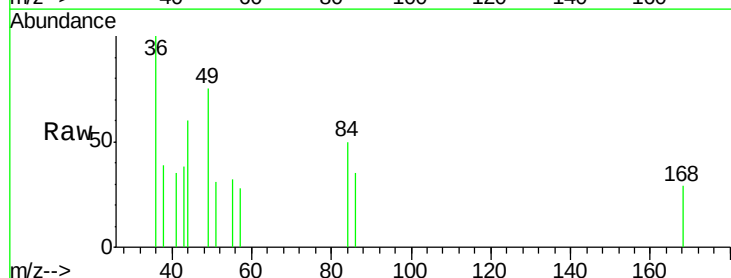
Tgt Ion:168 Resp: 246

Ion Ratio Lower Upper

168 100

139 0.0 27.7 41.5#

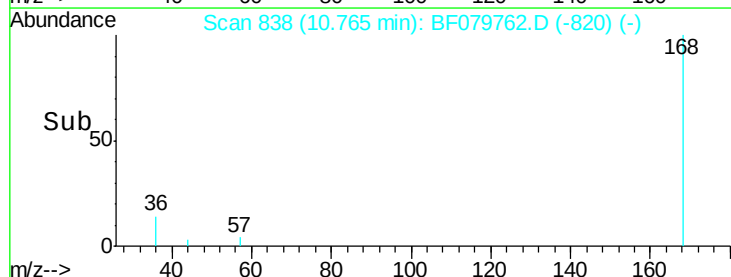
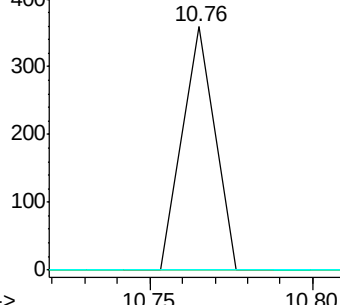
169 0.0 11.0 16.4#

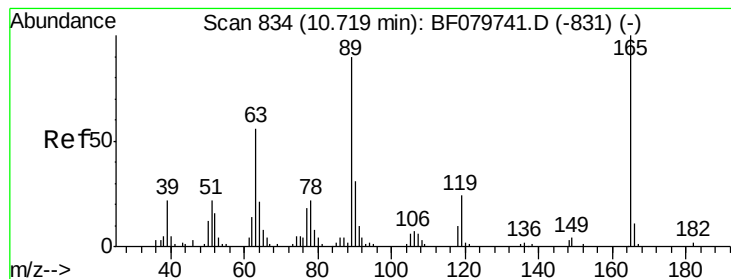


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

2,4-Dinitrotoluene

Concen: 11.29 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.16 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampleId :

FD-04

Tot Ion:165 Resp: 15702

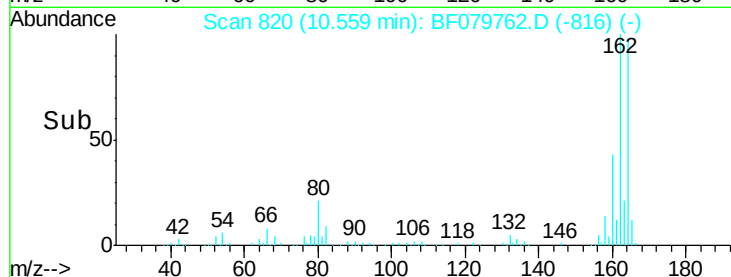
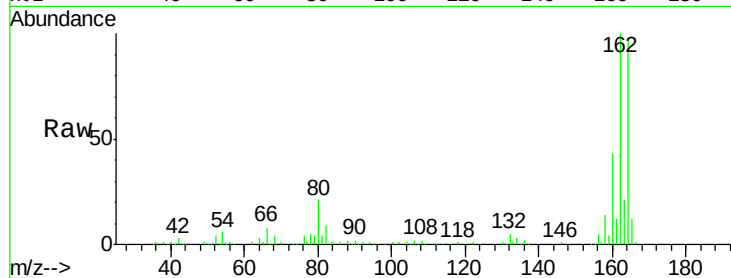
Ion Ratio Lower Upper

165 100

63 0.0 24.7 37.1#

89 2.2 45.7 68.5#

182 0.0 1.8 2.8#

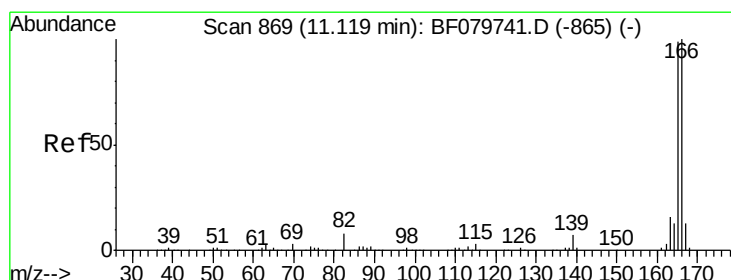
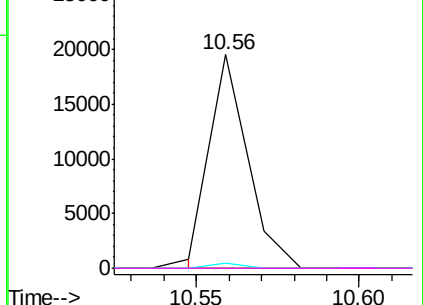


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.06 ng

RT: 11.13 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

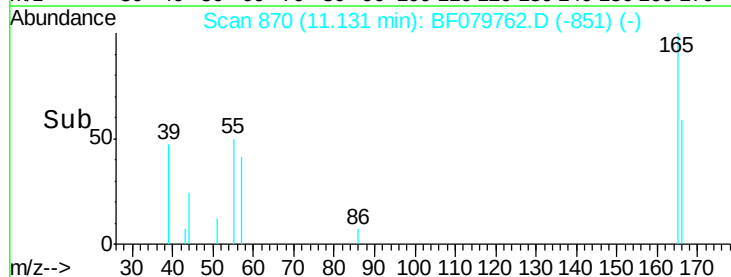
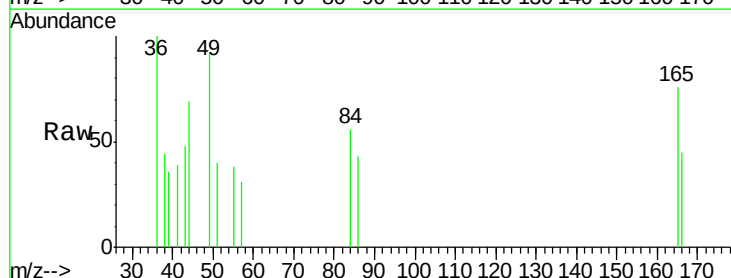
Tgt Ion:166 Resp: 647

Ion Ratio Lower Upper

166 100

165 168.9 79.4 119.0#

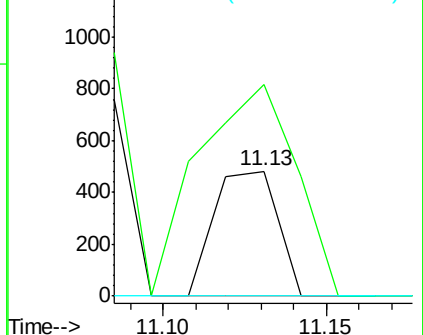
167 0.0 11.0 16.4#

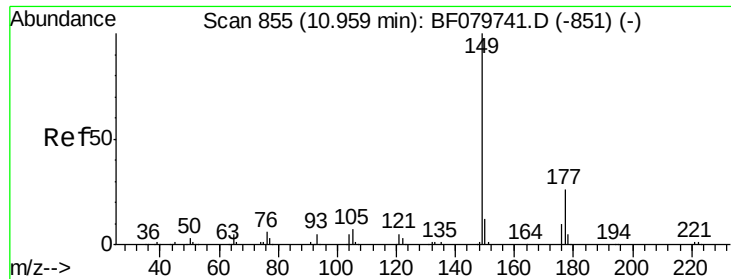


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

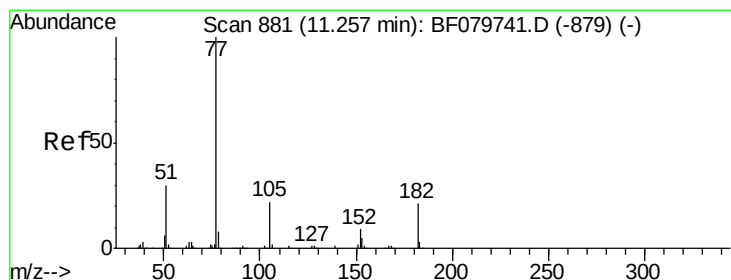
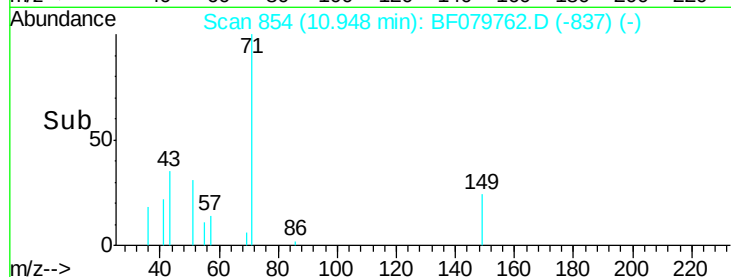
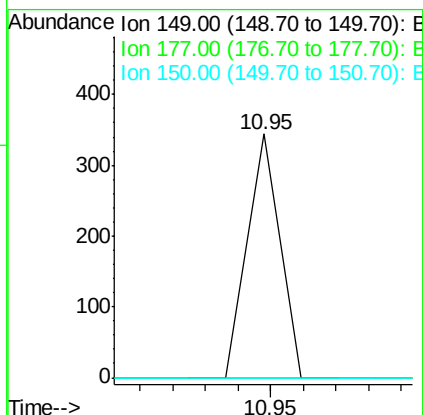
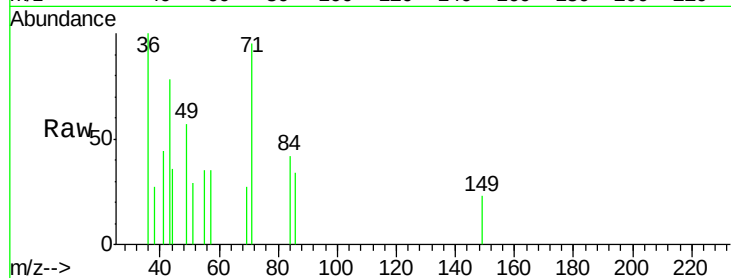




#59
Diethylphthalate
Concen: 0.03 ng
RT: 10.95 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF079762.D
Acq: 6 Jun 2015 8:22

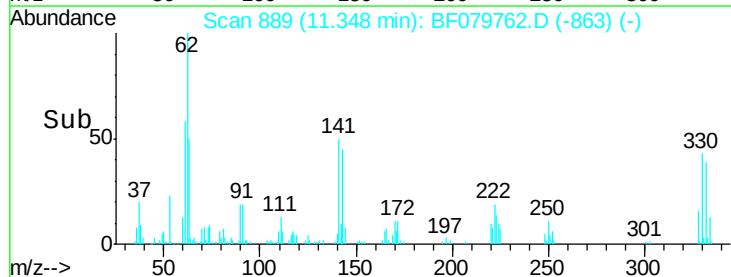
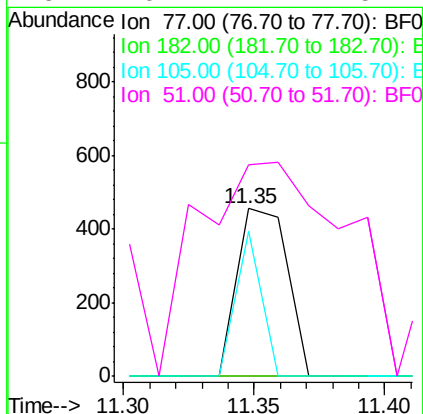
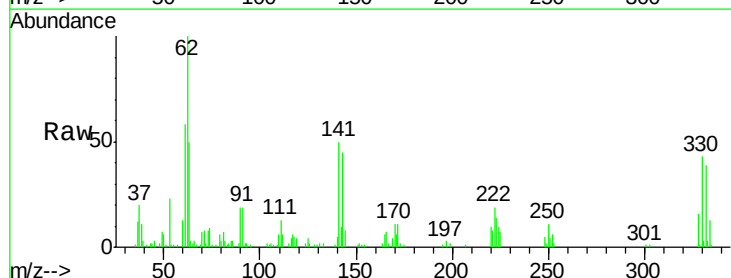
Instrument :
BNA_F
ClientSampleId :
FD-04

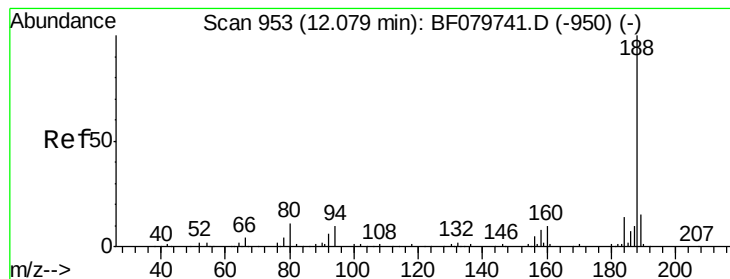
Tot Ion:149 Resp: 236
Ion Ratio Lower Upper
149 100
177 0.0 18.1 27.1#
150 0.0 10.5 15.7#



#62
Azobenzene
Concen: 0.06 ng
RT: 11.35 min Scan# 889
Delta R.T. 0.09 min
Lab File: BF079762.D
Acq: 6 Jun 2015 8:22

Tgt Ion: 77 Resp: 609
Ion Ratio Lower Upper
77 100
182 0.0 0.0 35.2
105 86.2 0.0 39.5#
51 126.1 12.4 52.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.08 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampleId :

FD-04

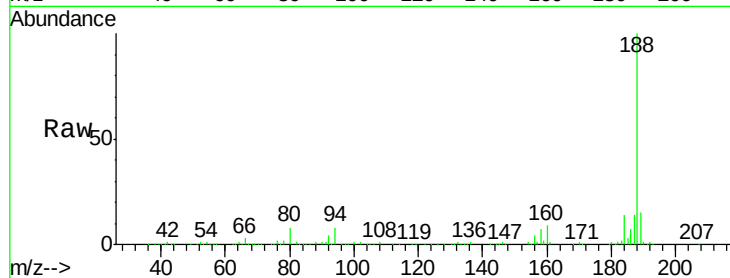
Tot Ion:188 Resp: 256555

Ion Ratio Lower Upper

188 100

94 7.6 5.0 7.4#

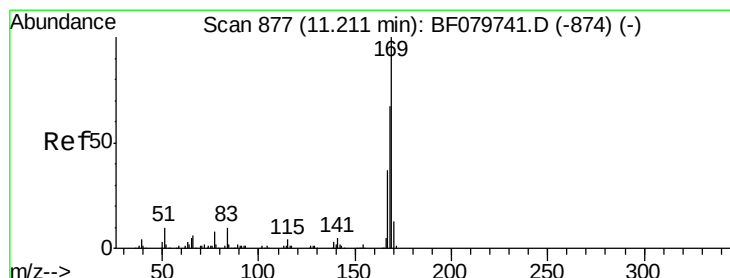
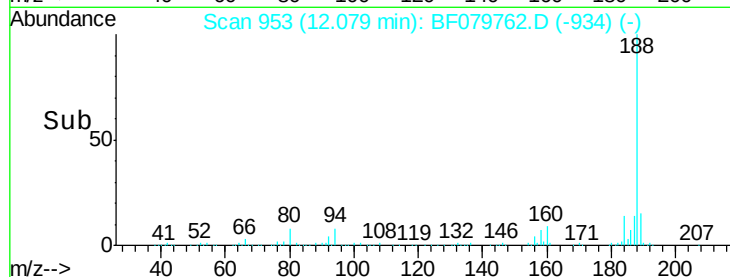
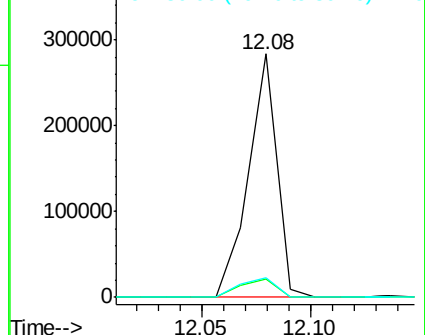
80 8.0 5.3 7.9#



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



#65

n-Nitrosodiphenylamine

Concen: 0.25 ng

RT: 11.36 min Scan# 890

Delta R.T. 0.15 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

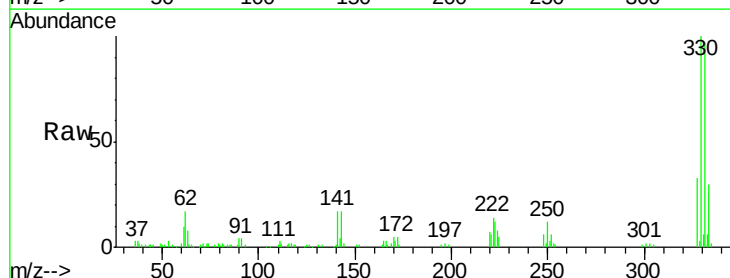
Tgt Ion:169 Resp: 2184

Ion Ratio Lower Upper

169 100

168 0.0 54.8 82.2#

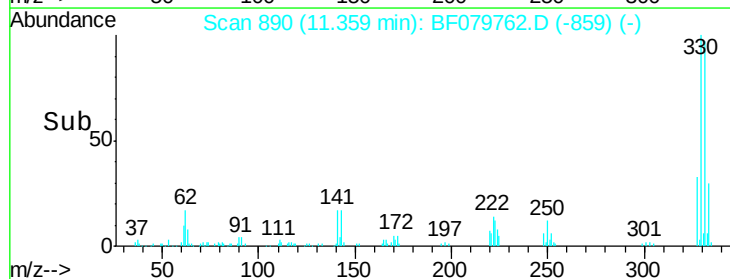
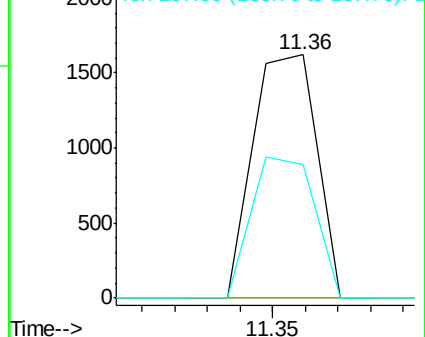
167 54.8 29.7 44.5#

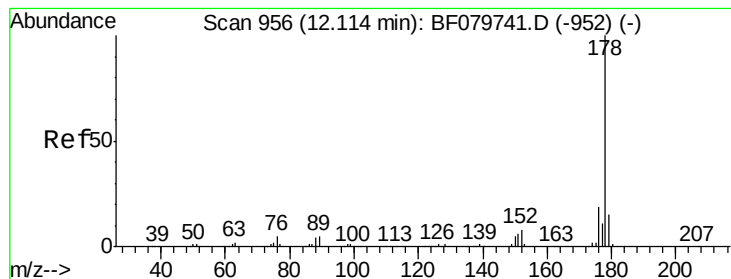


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 0.32 ng

RT: 12.10 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampleId :

FD-04

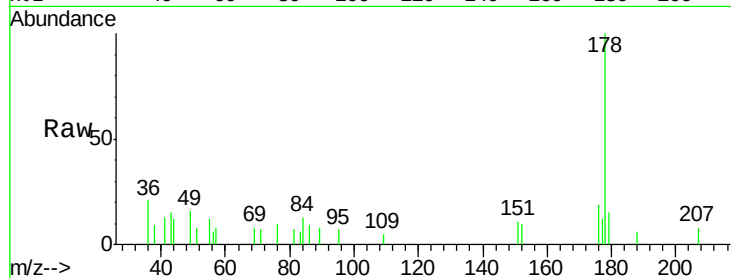
Tot Ion:178 Resp: 4863

Ion Ratio Lower Upper

178 100

176 18.8 16.2 24.4

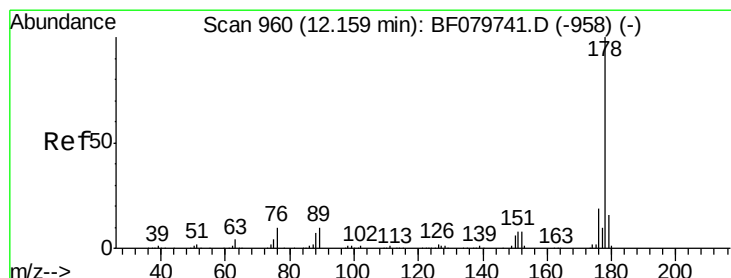
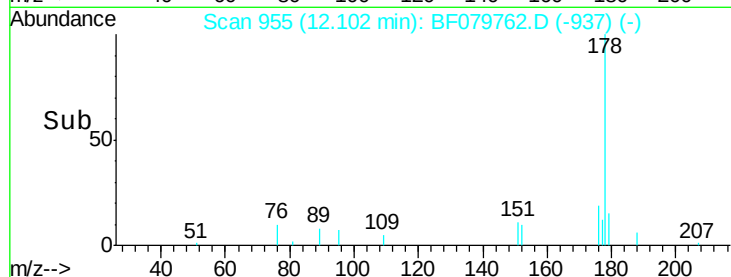
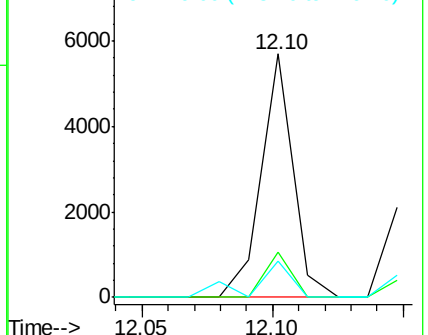
179 14.9 12.6 19.0



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



#71

Anthracene

Concen: 0.33 ng

RT: 12.16 min Scan# 960

Delta R.T. 0.01 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

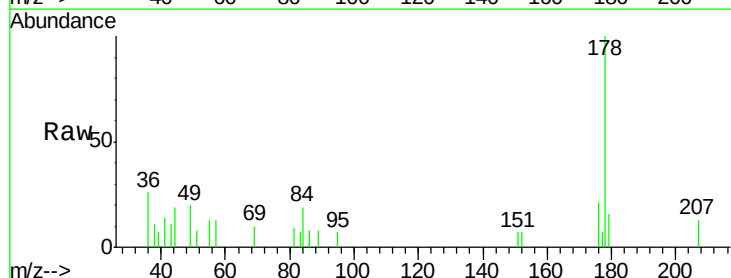
Tgt Ion:178 Resp: 4837

Ion Ratio Lower Upper

178 100

176 20.6 14.8 22.2

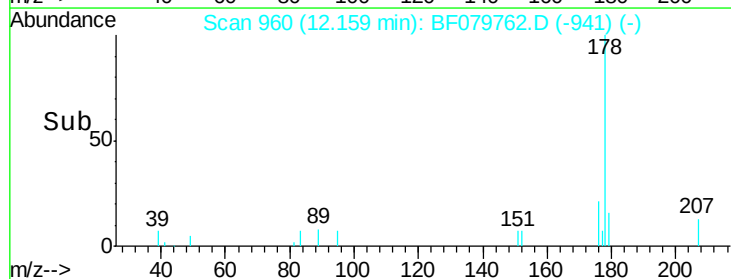
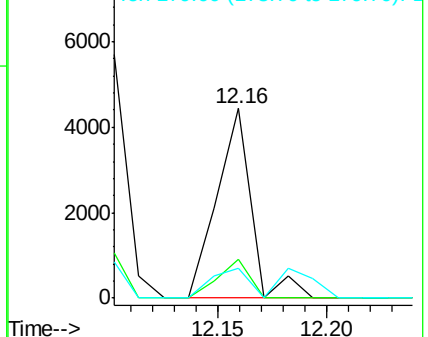
179 15.6 12.2 18.2

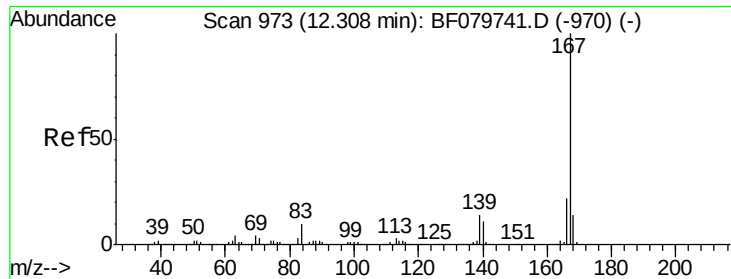


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.09 ng

RT: 12.31 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampled :

FD-04

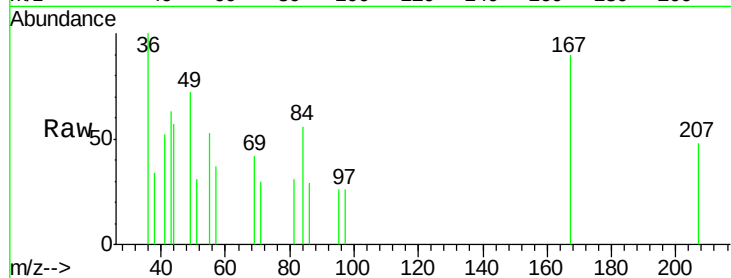
Tot Ion:167 Resp: 1197

Ion Ratio Lower Upper

167 100

166 0.0 17.7 26.5#

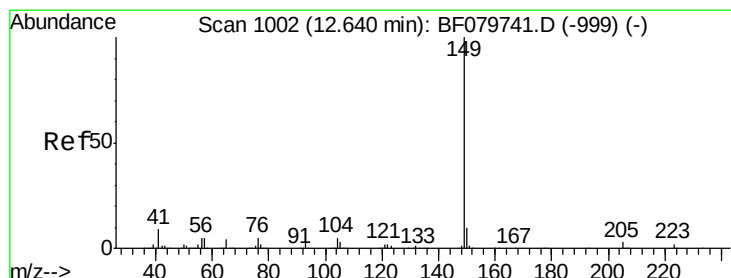
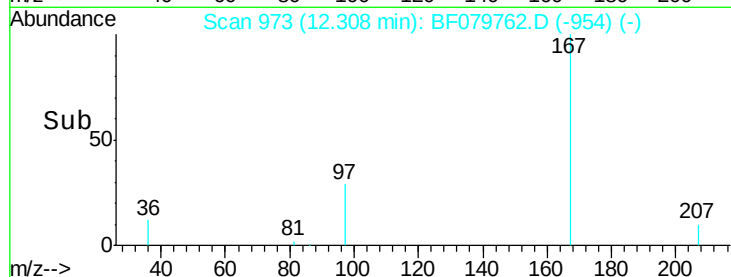
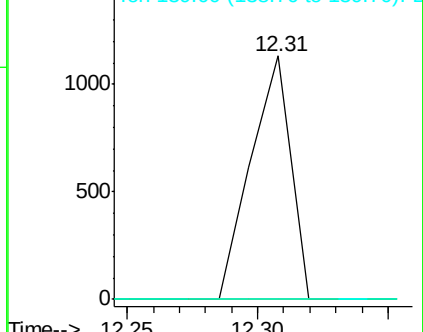
139 0.0 9.3 13.9#



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



#73

Di-n-butylphthalate

Concen: 0.05 ng

RT: 12.63 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

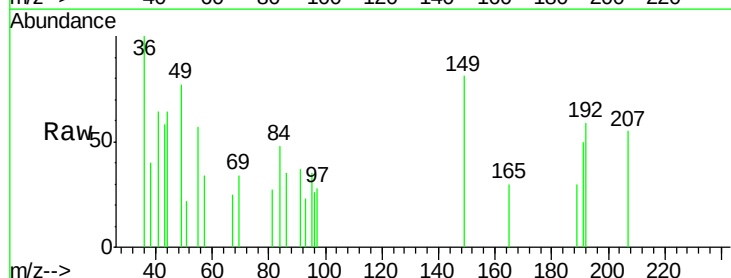
Tgt Ion:149 Resp: 737

Ion Ratio Lower Upper

149 100

150 0.0 9.8 14.8#

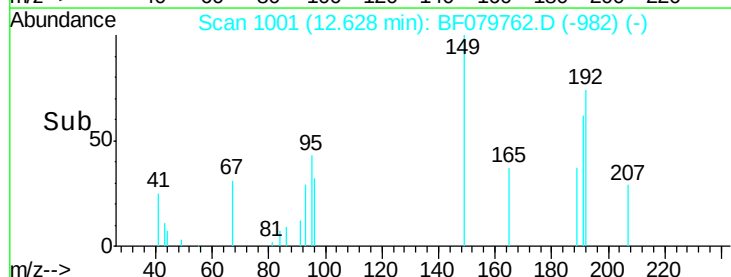
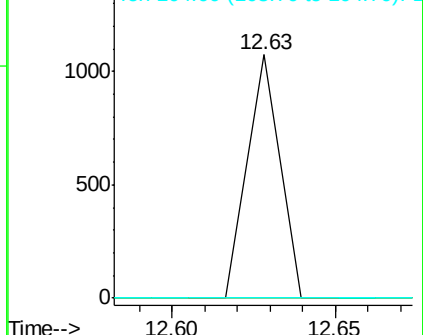
104 0.0 12.9 19.3#

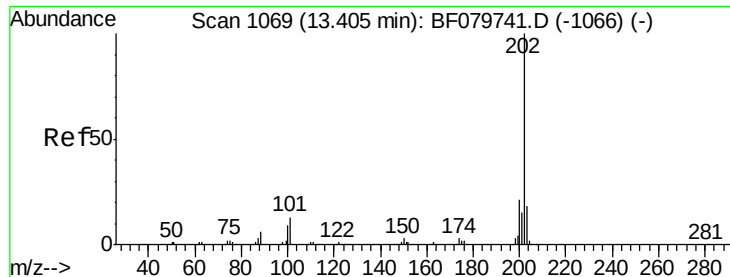


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.84 ng

RT: 13.38 min Scan# 1067

Delta R.T. 0.02 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

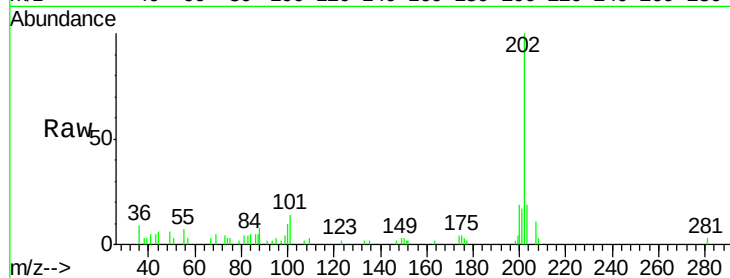
Instrument :

BNA_F

ClientSampleId :

FD-04

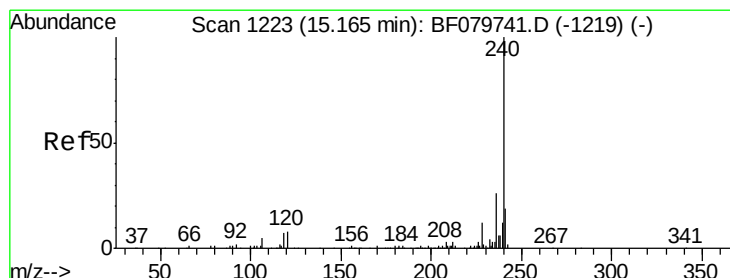
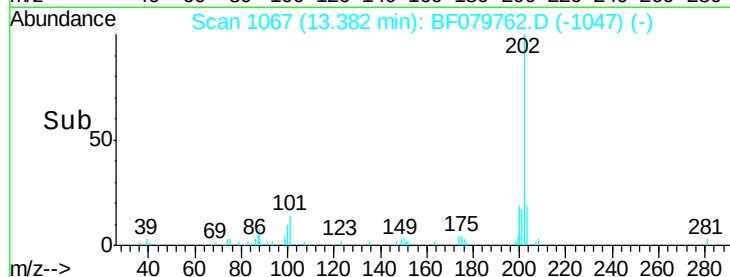
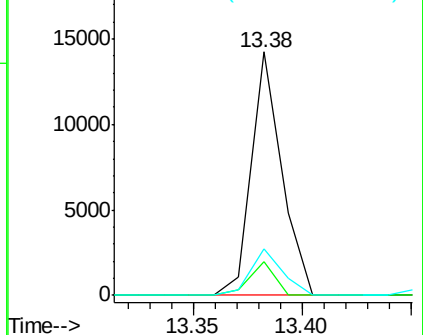
Tot Ion:	202	Resp:	13835
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	31.3
203	19.3	0.0	38.4



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

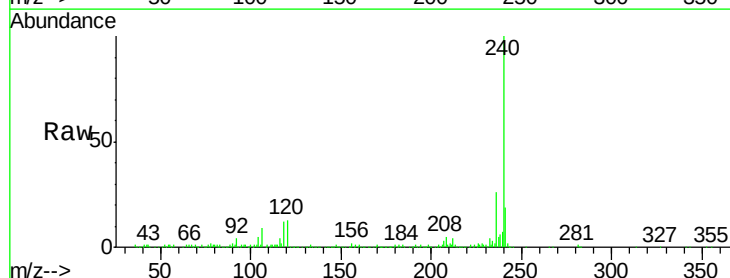
RT: 15.10 min Scan# 1217

Delta R.T. 0.08 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

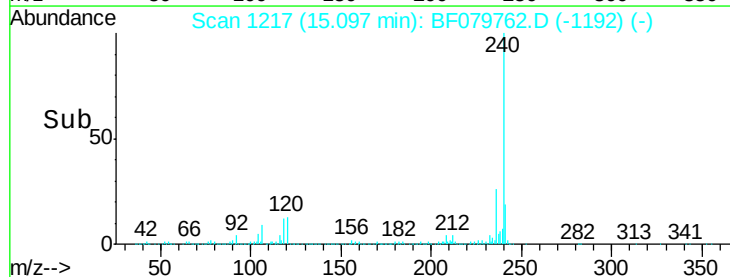
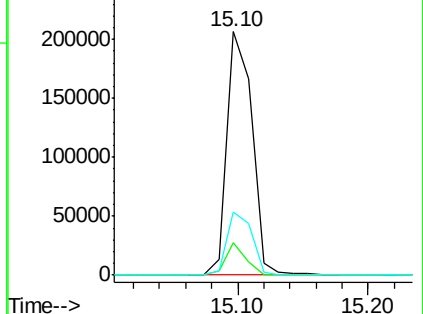
Tgt Ion:	240	Resp:	275693
Ion Ratio	Lower	Upper	
240	100		
120	13.3	6.2	9.2#
236	25.7	21.0	31.4

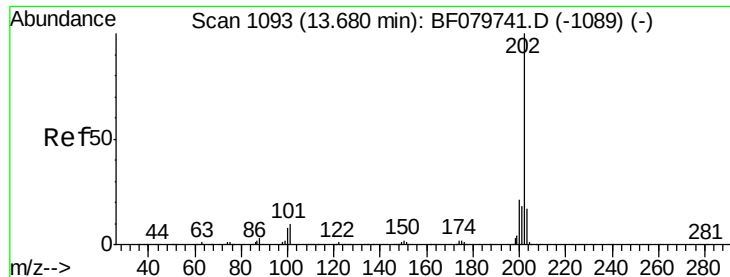


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 0.93 ng

RT: 13.65 min Scan# 1090

Delta R.T. 0.03 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampled :

FD-04

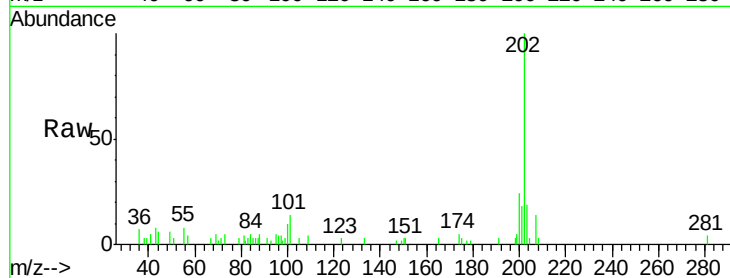
Tot Ion:202 Resp: 15778

Ion Ratio Lower Upper

202 100

200 23.6 17.5 26.3

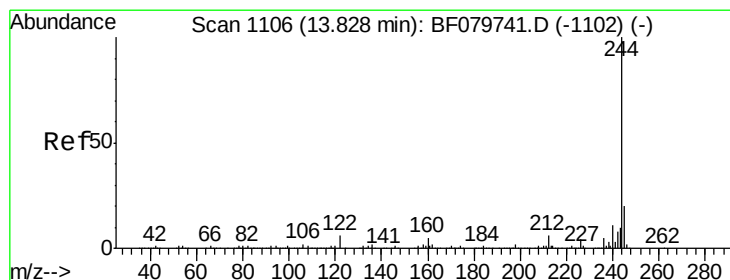
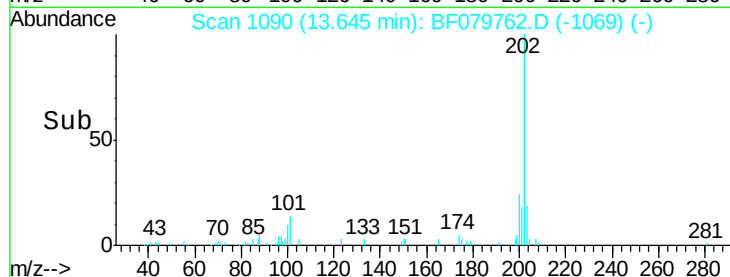
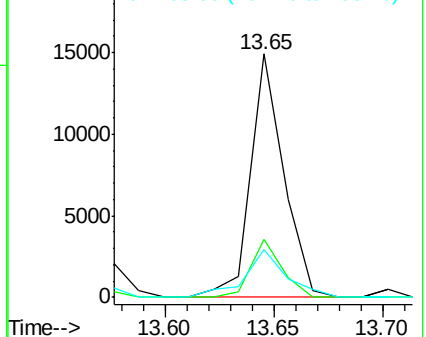
203 19.5 14.8 22.2



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: 19.20 ng

RT: 13.79 min Scan# 1103

Delta R.T. 0.05 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

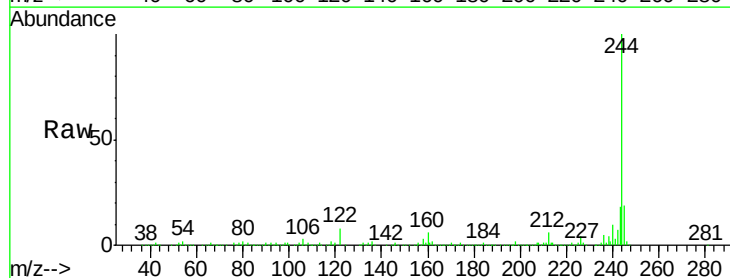
Tgt Ion:244 Resp: 462194

Ion Ratio Lower Upper

244 100

212 6.3 6.1 9.1

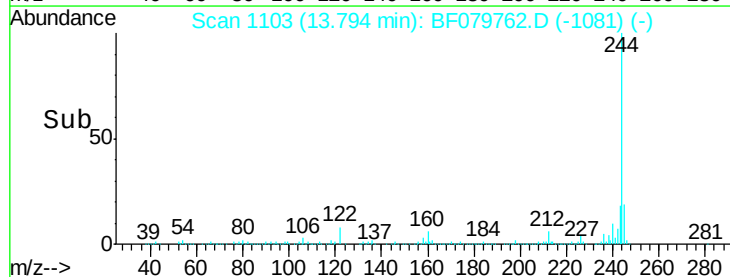
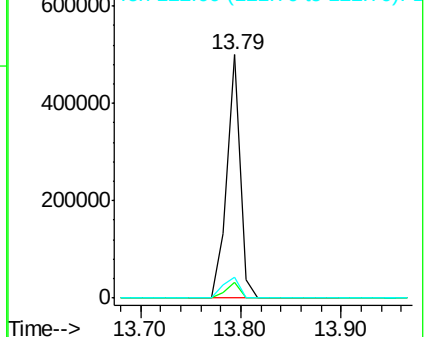
122 8.4 9.3 13.9#

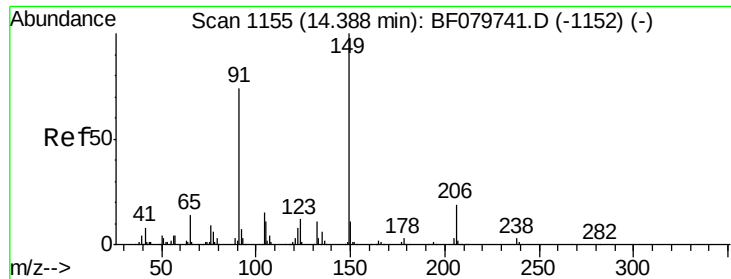


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.17 ng

RT: 14.34 min Scan# 1151

Delta R.T. 0.06 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampled :

FD-04

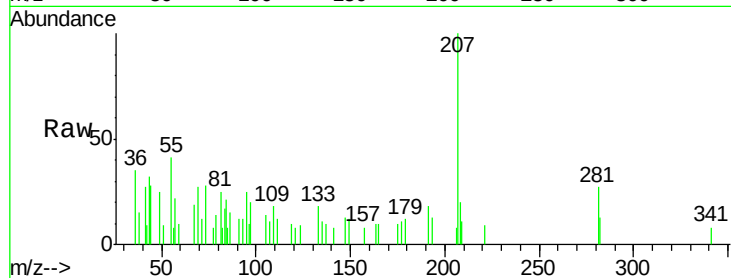
Tot Ion:149 Resp: 1179

Ion Ratio Lower Upper

149 100

91 98.4 64.4 96.6#

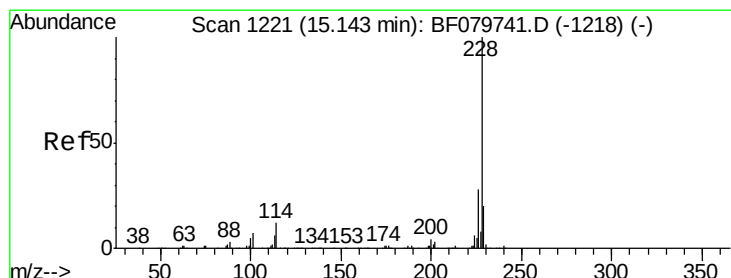
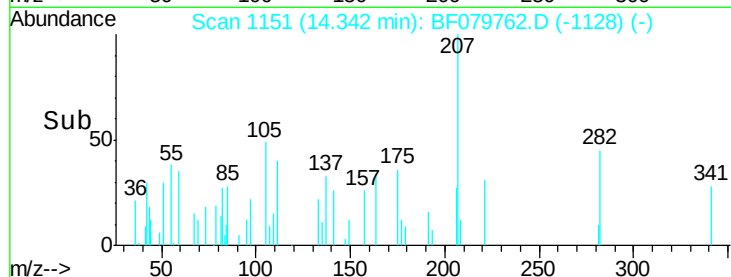
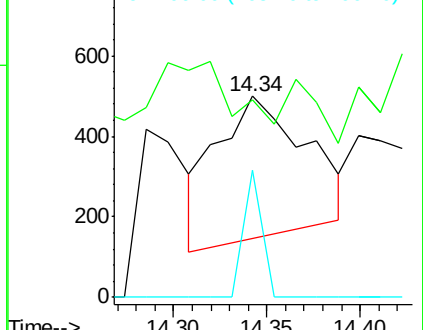
206 63.5 14.8 22.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.67 ng

RT: 15.09 min Scan# 1216

Delta R.T. 0.08 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

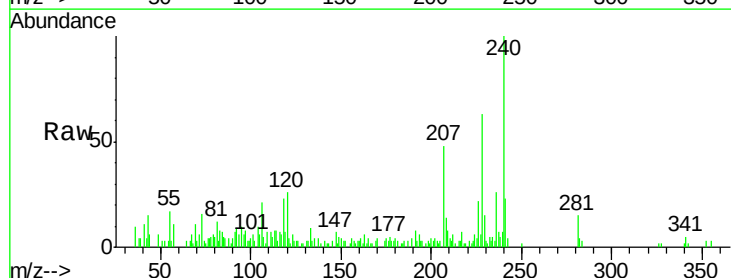
Tgt Ion:228 Resp: 11307

Ion Ratio Lower Upper

228 100

226 34.5 22.2 33.4#

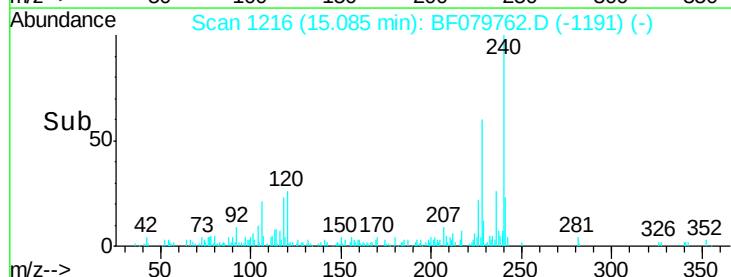
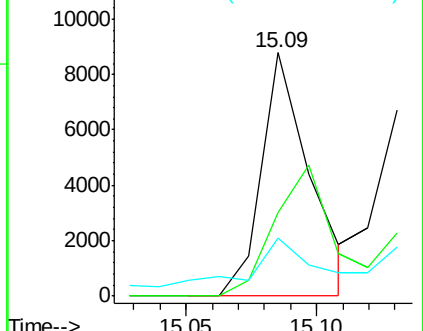
229 23.8 16.6 25.0

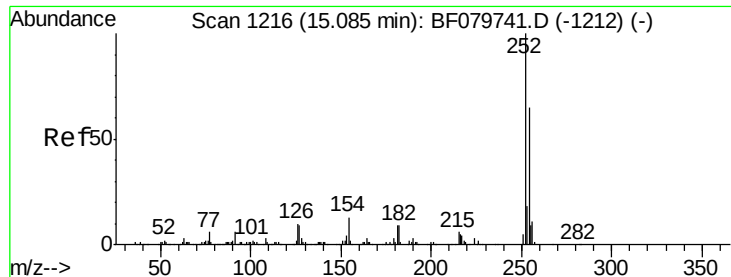


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

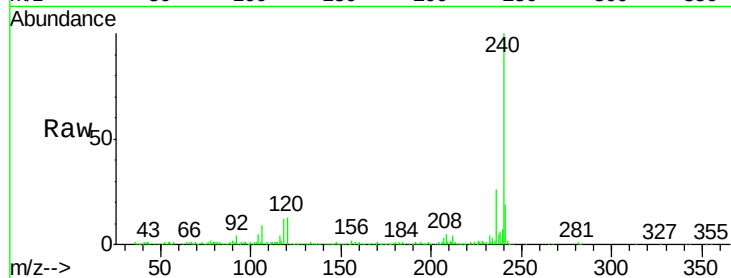




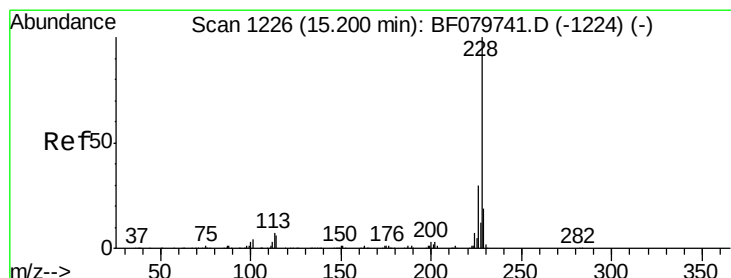
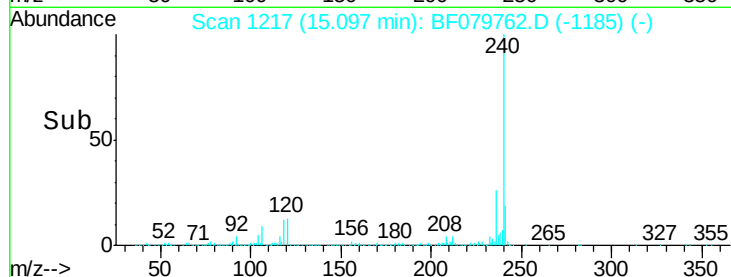
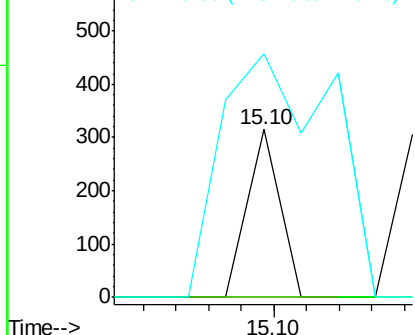
#81
 3,3'-Dichlorobenzidine
 Concen: 0.04 ng
 RT: 15.10 min Scan# 1217
 Delta R.T. 0.16 min
 Lab File: BF079762.D
 Acq: 6 Jun 2015 8:22

Instrument :
 BNA_F
 ClientSampled :
 FD-04

Tot Ion:252 Resp: 216
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.0 78.0#
 126 145.1 6.9 10.3#

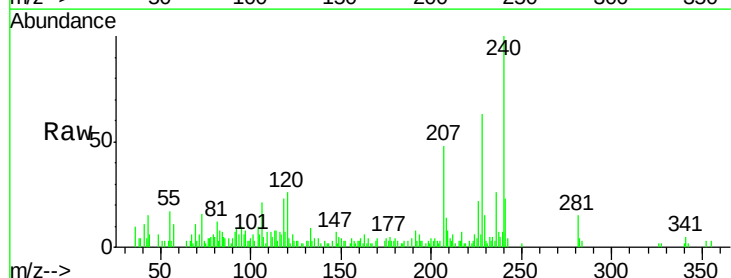


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

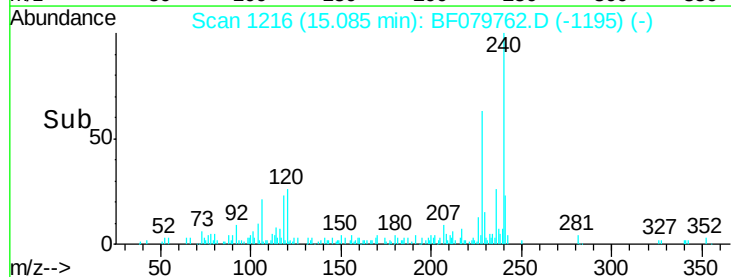
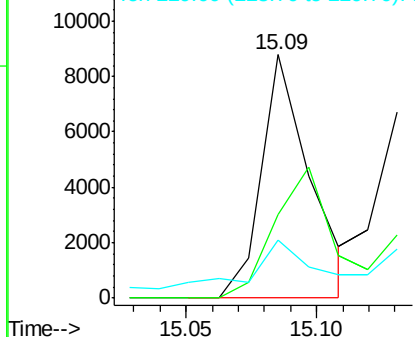


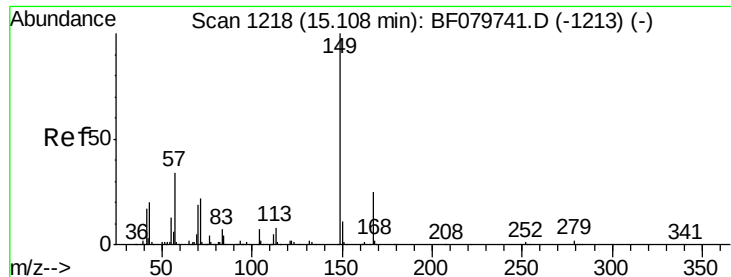
#82
 Chrysene
 Concen: 0.72 ng
 RT: 15.09 min Scan# 1216
 Delta R.T. 0.03 min
 Lab File: BF079762.D
 Acq: 6 Jun 2015 8:22

Tgt Ion:228 Resp: 11307
 Ion Ratio Lower Upper
 228 100
 226 34.5 25.2 37.8
 229 23.8 16.2 24.4



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

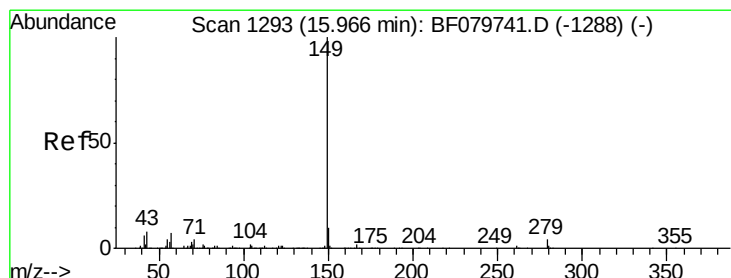
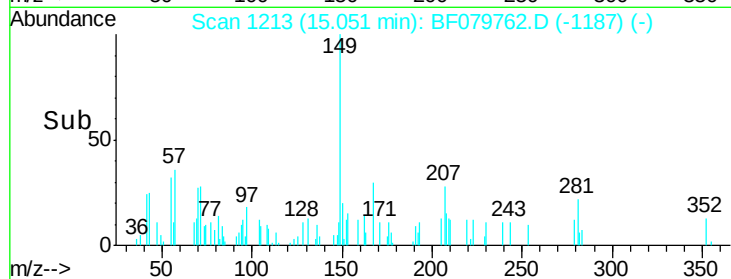
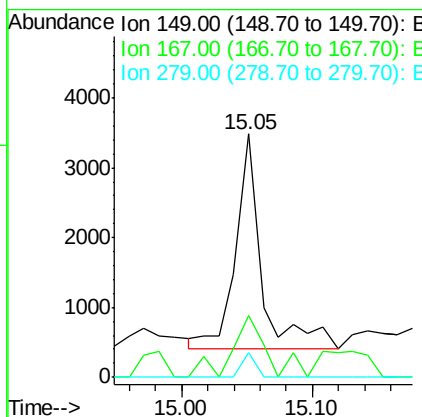
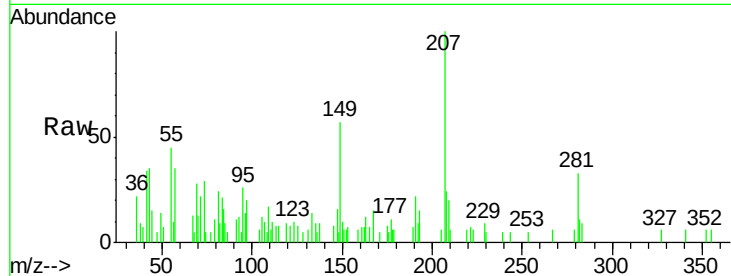




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.40 ng
 RT: 15.05 min Scan# 1213
 Delta R.T. 0.09 min
 Lab File: BF079762.D
 Acq: 6 Jun 2015 8:22

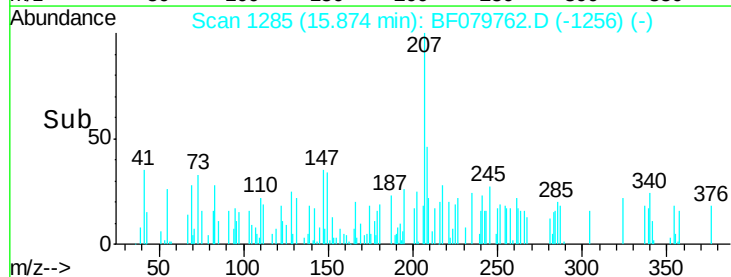
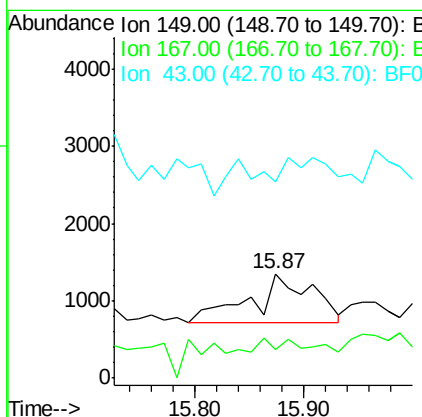
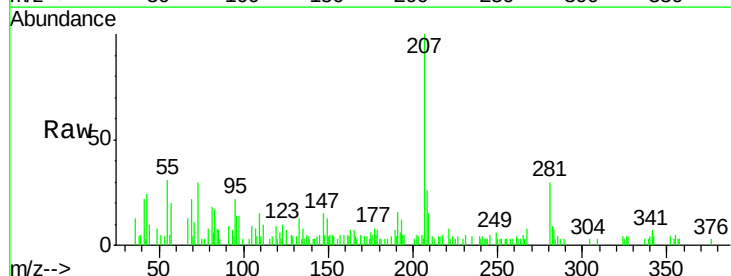
Instrument :
 BNA_F
 ClientSampleId :
 FD-04

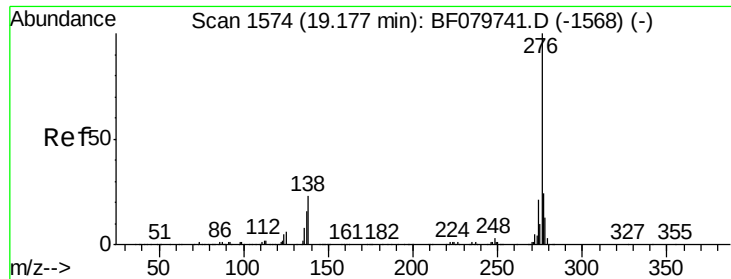
Tot Ion:149 Resp: 4242
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.9 31.3
 279 10.2 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 0.13 ng
 RT: 15.87 min Scan# 1285
 Delta R.T. 0.13 min
 Lab File: BF079762.D
 Acq: 6 Jun 2015 8:22

Tgt Ion:149 Resp: 2507
 Ion Ratio Lower Upper
 149 100
 167 17.0 1.3 1.9#
 43 0.0 9.0 13.4#

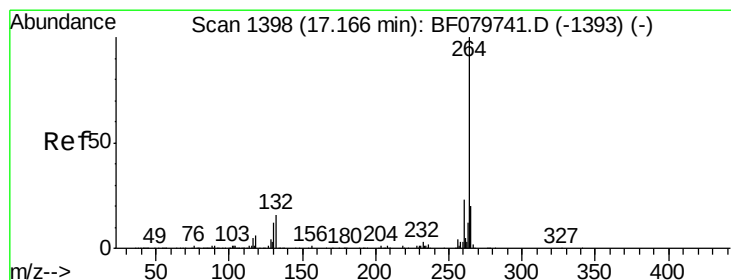
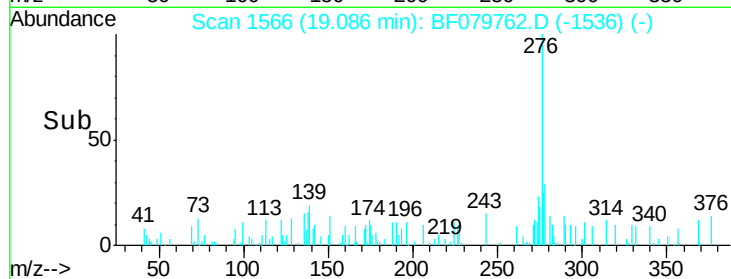
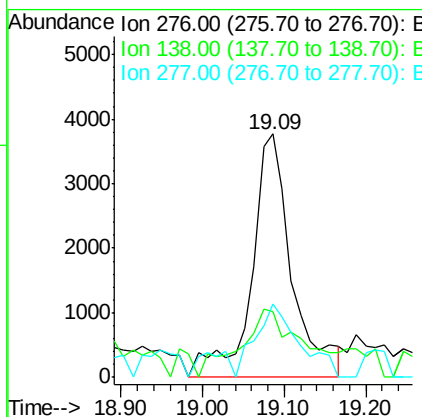
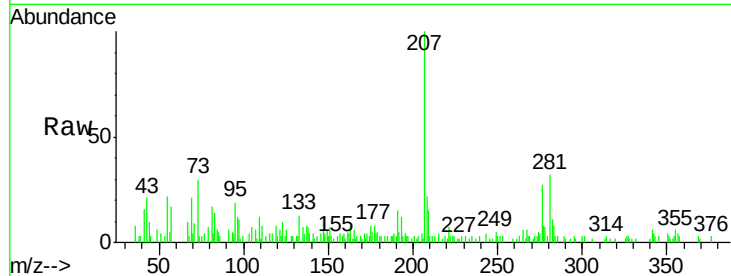




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.72 ng
RT: 19.09 min Scan# 1566
Delta R.T. 0.14 min
Lab File: BF079762.D
Acq: 6 Jun 2015 8:22

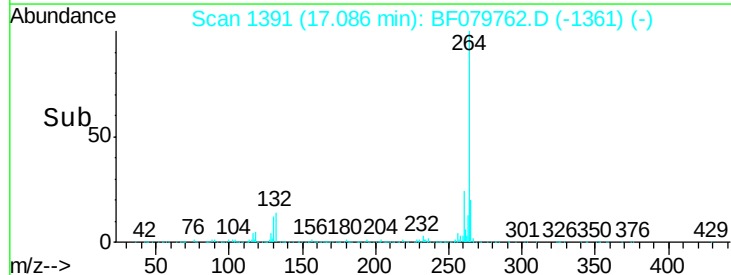
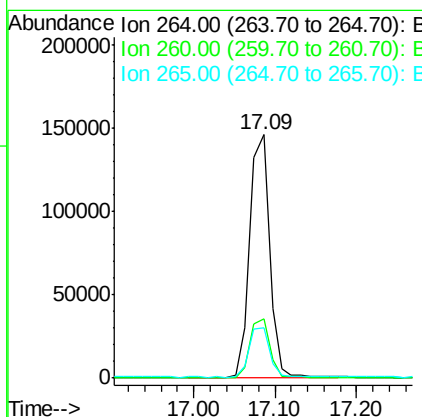
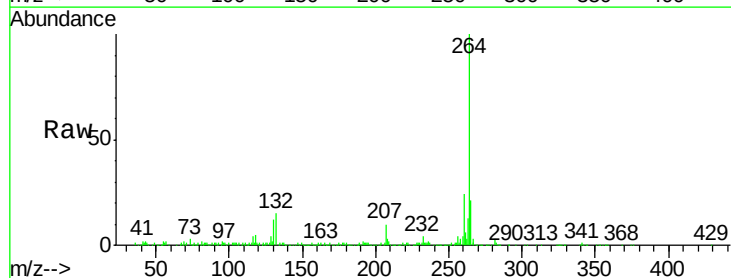
Instrument :
BNA_F
ClientSampleId :
FD-04

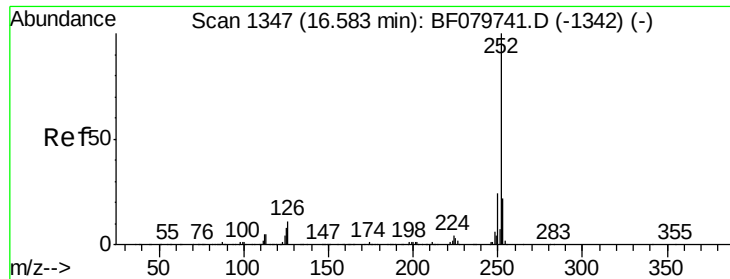
Tot Ion:276 Resp: 12968
Ion Ratio Lower Upper
276 100
138 43.8 20.8 31.2#
277 32.6 20.0 30.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.09 min Scan# 1391
Delta R.T. 0.14 min
Lab File: BF079762.D
Acq: 6 Jun 2015 8:22

Tgt Ion:264 Resp: 249817
Ion Ratio Lower Upper
264 100
260 24.1 18.6 27.8
265 20.9 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 1.38 ng

RT: 16.50 min Scan# 1340

Delta R.T. 0.13 min

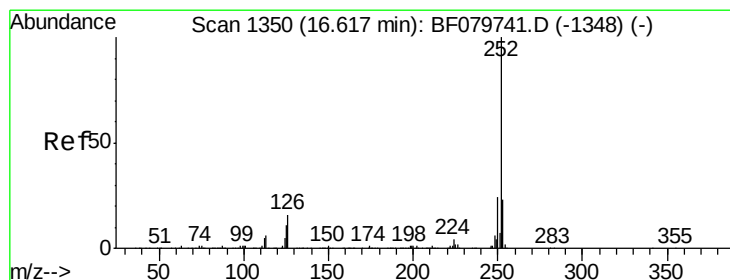
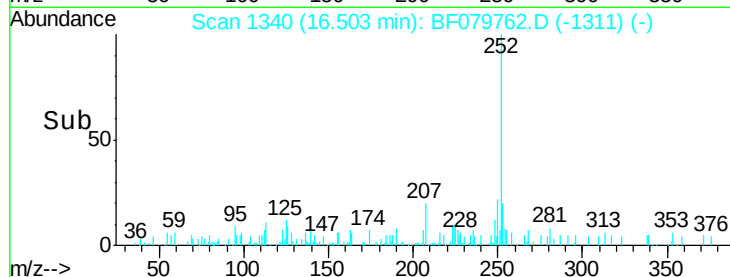
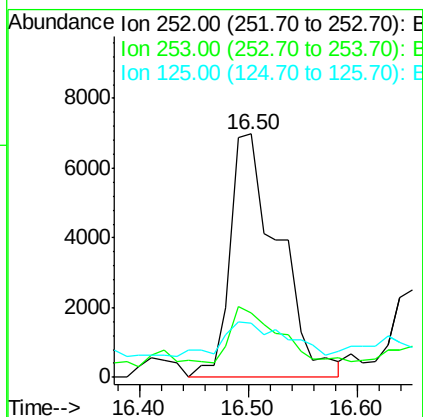
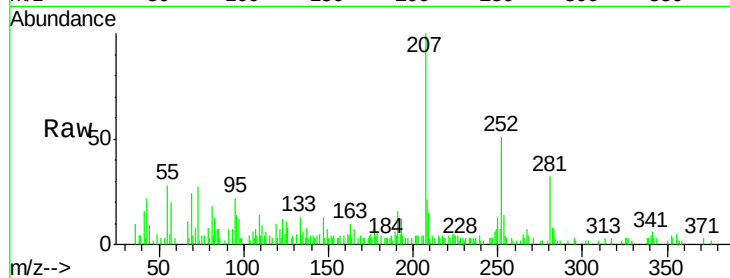
Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :
BNA_F
ClientSampleId :
FD-04

Tot Ion:252 Resp: 21489

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.2#
125	22.0	6.5	9.7#



#88

Benzo(k)fluoranthene

Concen: 1.44 ng

RT: 16.50 min Scan# 1340

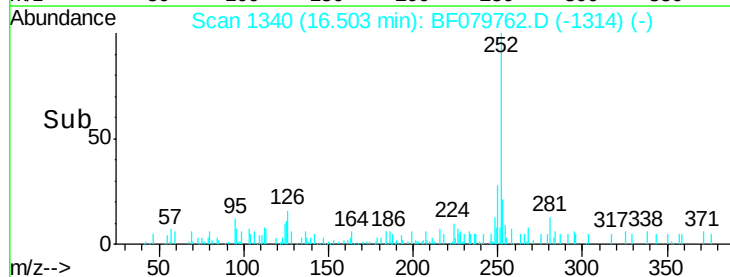
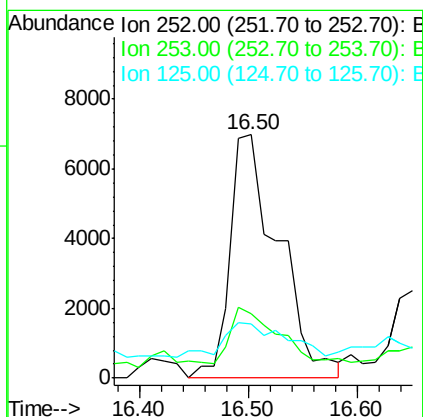
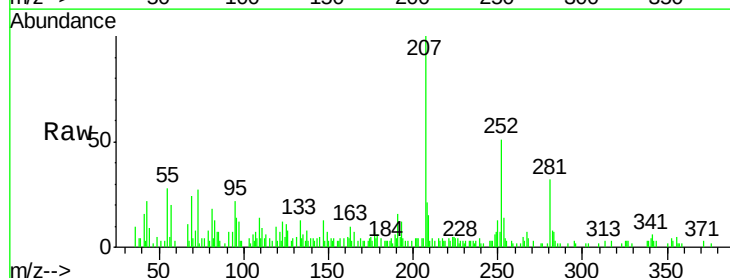
Delta R.T. 0.09 min

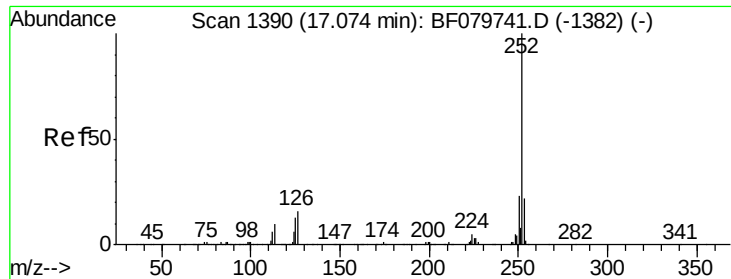
Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Tgt Ion:252 Resp: 21489

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.8	26.8
125	22.0	8.4	12.6#





#89

Benzo(a)pyrene

Concen: 0.77 ng

RT: 16.99 min Scan# 1383

Delta R.T. 0.13 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampled :

FD-04

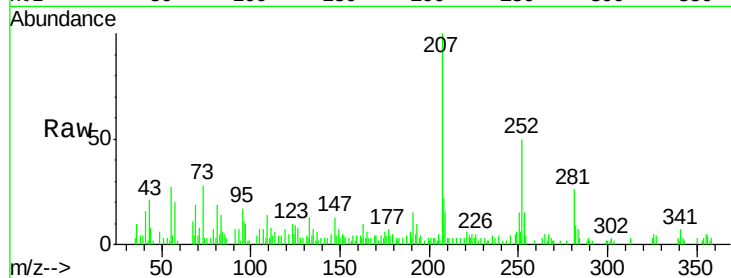
Tot Ion:252 Resp: 11003

Ion Ratio Lower Upper

252 100

253 30.3 17.6 26.4#

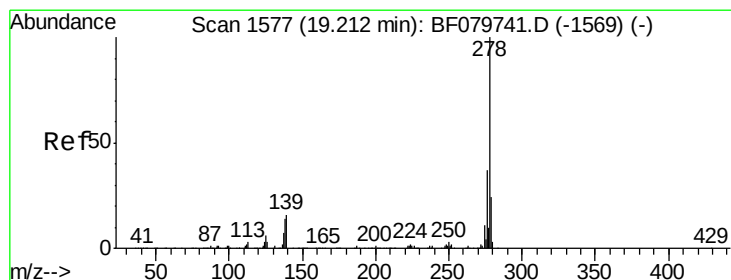
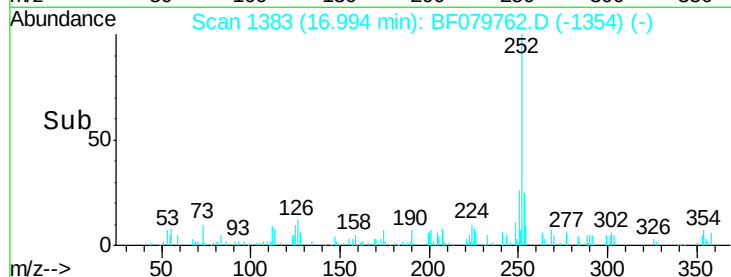
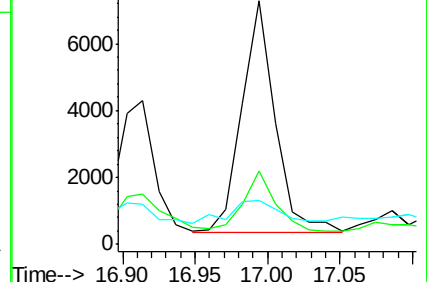
125 18.1 7.4 11.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.41 ng

RT: 19.11 min Scan# 1568

Delta R.T. 0.14 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

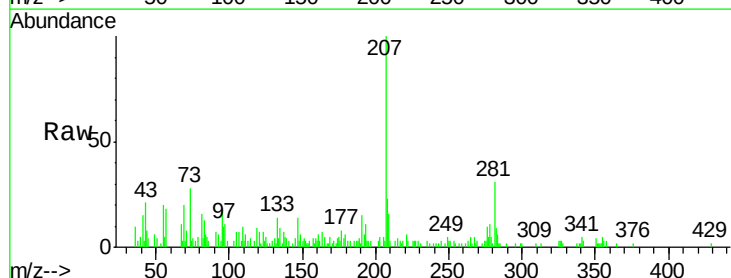
Tgt Ion:278 Resp: 5624

Ion Ratio Lower Upper

278 100

139 42.5 12.7 19.1#

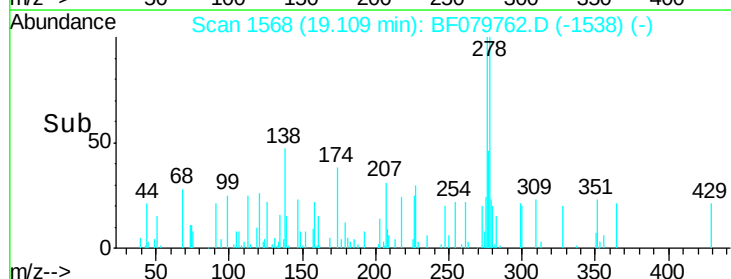
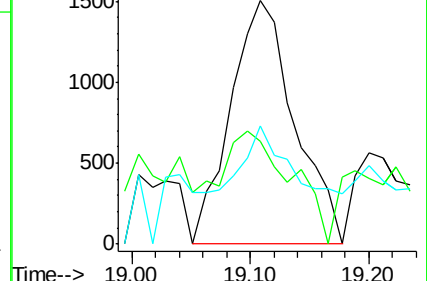
279 48.5 19.4 29.2#

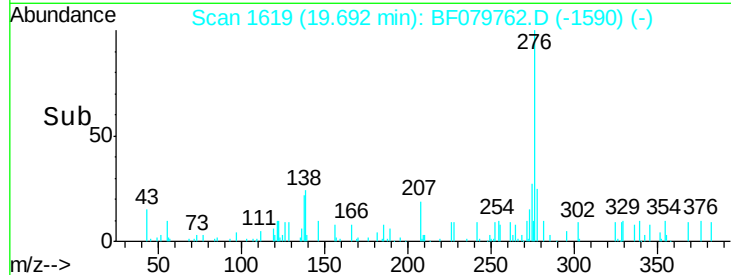
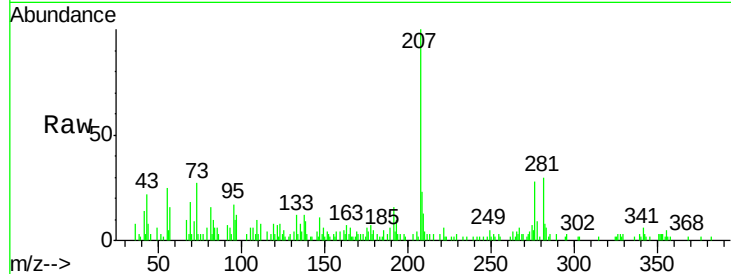
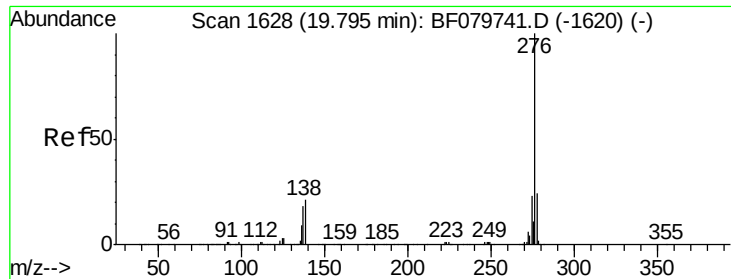


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.01 ng

RT: 19.69 min Scan# 1619

Delta R.T. 0.13 min

Lab File: BF079762.D

Acq: 6 Jun 2015 8:22

Instrument :

BNA_F

ClientSampleId :

FD-04

Tot Ion:276 Resp: 14375

Ion Ratio Lower Upper

276 100

277 31.0 18.8 28.2#

138 31.8 18.2 27.2#

