

Data Path : Z:\HPCHEM1\BNA_F\Data\BF101116\
 Data File : BF090506.D
 Acq On : 11 Oct 2016 17:14
 Operator : UM/SJ
 Sample : PB93839BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BL

Quant Time: Oct 11 18:19:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	312837	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	1183648	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	652707	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	1096077	20.00	ng	0.00
75) Chrysene-d12	14.13	240	1116765	20.00	ng	0.00
86) Perylene-d12	15.61	264	915279	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1632184	81.17	ng	0.01
7) Phenol-d6	6.58	99	2032740	80.11	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1301817	59.65	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	501574	77.52	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2309125	59.45	ng	0.00
78) Terphenyl-d14	13.08	244	2715496	59.42	ng	0.00

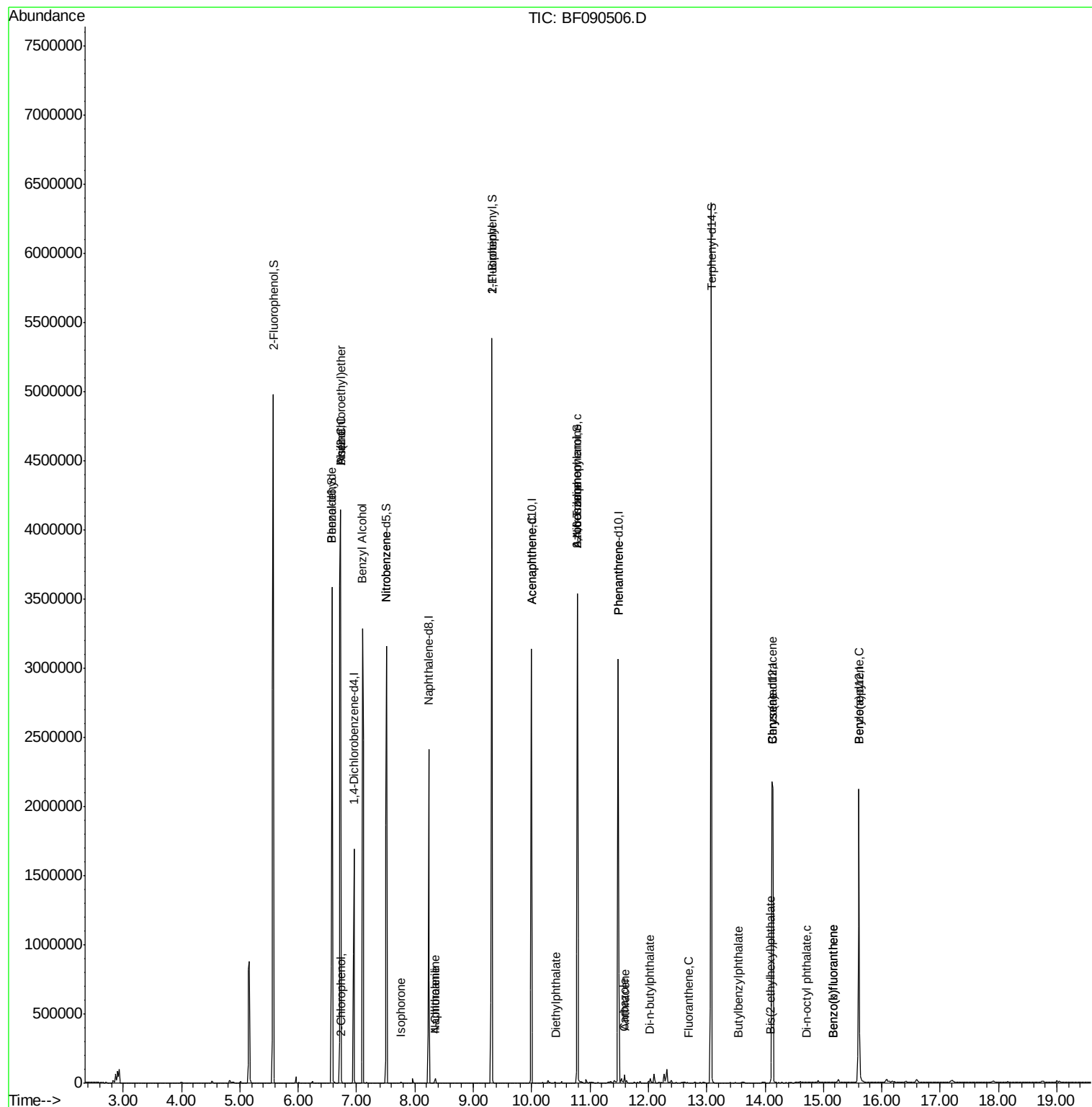
Target Compounds						Qvalue
6) Aniline	6.73	93	2337	0.07	ng	# 1
8) 2-Chlorophenol	6.74	128	682	0.03	ng	94
9) Benzaldehyde	6.58	77	2661	0.17	ng	# 4
10) Phenol	6.73	94	3037	0.11	ng	# 1
11) bis(2-Chloroethyl)ether	6.73	93	2337	0.11	ng	# 1
15) Benzyl Alcohol	7.10	79	19140	0.98	ng	# 53
24) Nitrobenzene	7.51	77	3237	0.14	ng	# 41
25) Isophorone	7.77	82	820	0.02	ng	# 67
31) Naphthalene	8.35	128	1665	0.03	ng	# 1
33) 4-Chloroaniline	8.35	127	248	0.01	ng	# 1
45) 1,1'-Biphenyl	9.32	154	4464	0.09	ng	# 1
51) Acenaphthene	9.99	154	2375	0.06	ng	# 5
59) Diethylphthalate	10.41	149	2315	0.05	ng	# 55
62) Azobenzene	10.78	77	2267	0.05	ng	# 12
65) n-Nitrosodiphenylamine	10.78	169	16328	0.46	ng	# 41
70) Phenanthrene	11.48	178	261	0.00	ng	# 1
71) Anthracene	11.59	178	305	0.00	ng	# 58
72) Carbazole	11.58	167	346	0.01	ng	# 1
73) Di-n-butylphthalate	12.03	149	15646	0.22	ng	# 95
74) Fluoranthene	12.69	202	208	0.00	ng	59
79) Butylbenzylphthalate	13.54	149	625	0.02	ng	# 87
80) Benzo(a)anthracene	14.13	228	2932	0.04	ng	# 54
82) Chrysene	14.13	228	2932	0.05	ng	# 52
83) Bis(2-ethylhexyl)phthalate	14.10	149	11112	0.23	ng	# 98
84) Di-n-octyl phthalate	14.72	149	292	0.00	ng	# 67
87) Benzo(b)fluoranthene	15.16	252	520	0.01	ng	# 59
88) Benzo(k)fluoranthene	15.16	252	520	0.01	ng	# 57
89) Benzo(a)pyrene	15.61	252	2822	0.05	ng	# 82

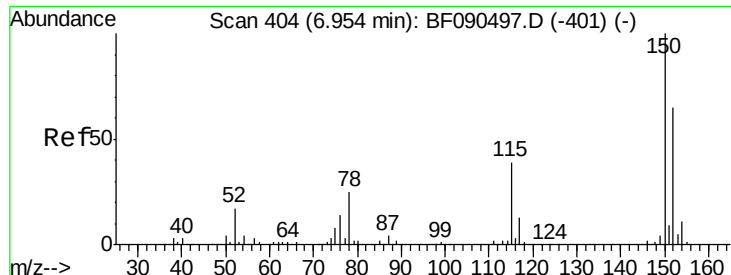
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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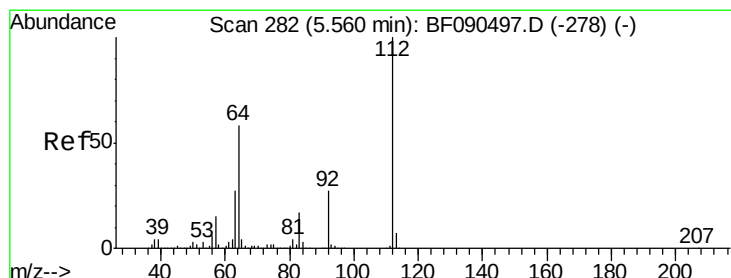
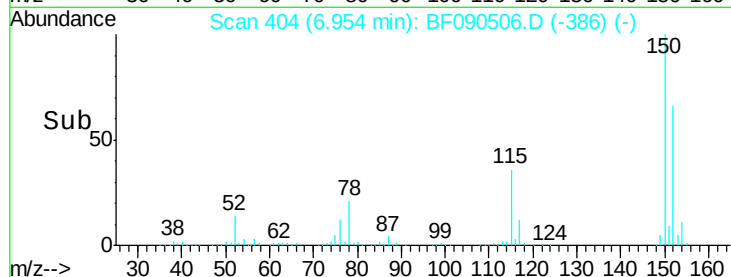
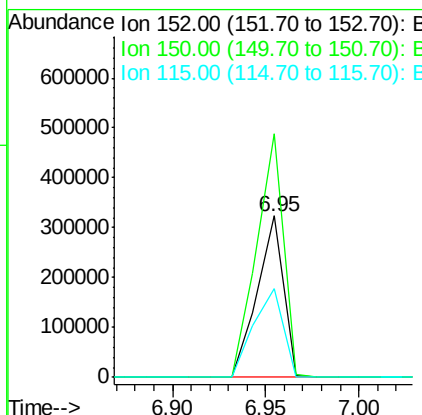
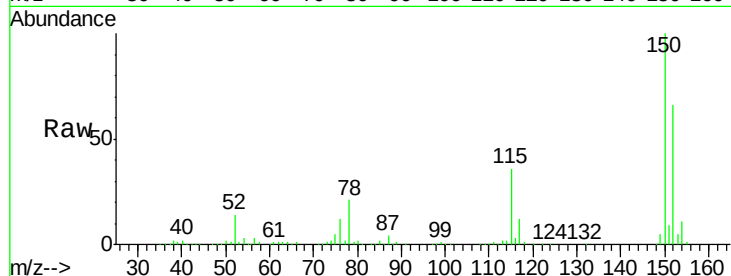




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF090506.D
 Acq: 11 Oct 2016 17:14

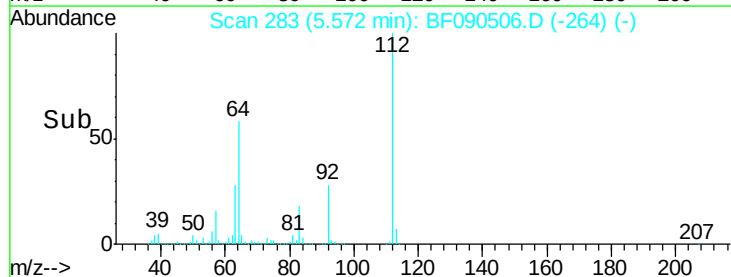
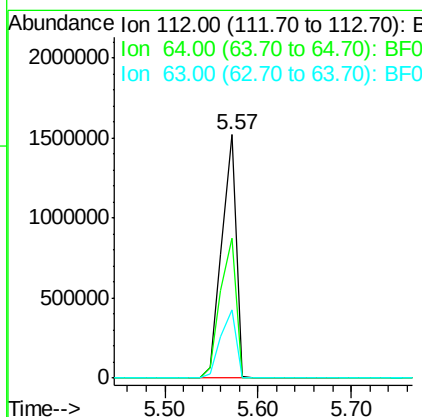
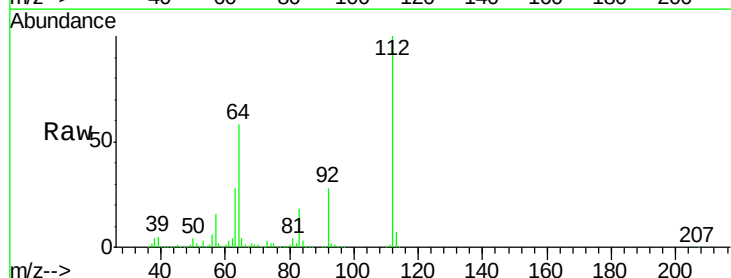
Instrument :
 BNA_F
 ClientSampleId :
 PB93839BL

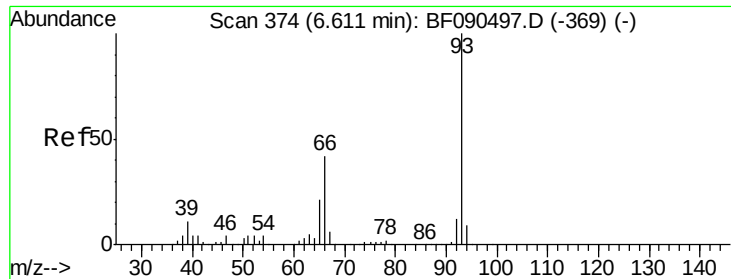
Tgt Ion:152 Resp: 312837
 Ion Ratio Lower Upper
 152 100
 150 151.1 124.6 186.8
 115 54.9 46.2 69.4



#5
 2-Fluorophenol
 Concen: 81.17 ng
 RT: 5.57 min Scan# 283
 Delta R.T. 0.01 min
 Lab File: BF090506.D
 Acq: 11 Oct 2016 17:14

Tgt Ion:112 Resp: 1632184
 Ion Ratio Lower Upper
 112 100
 64 57.5 57.9 86.9#
 63 28.0 29.6 44.4#





#6

Aniline

Concen: 0.07 ng

RT: 6.73 min Scan# 384

Delta R.T. 0.11 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB93839BL

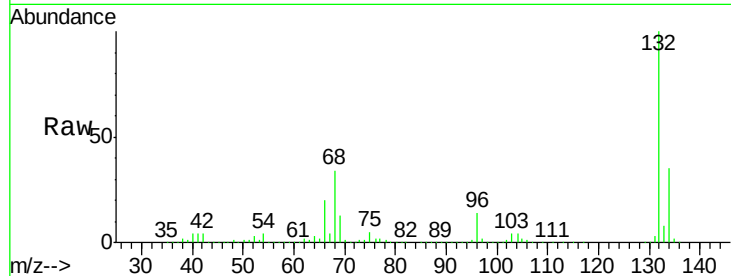
Tgt Ion: 93 Resp: 2337

Ion Ratio Lower Upper

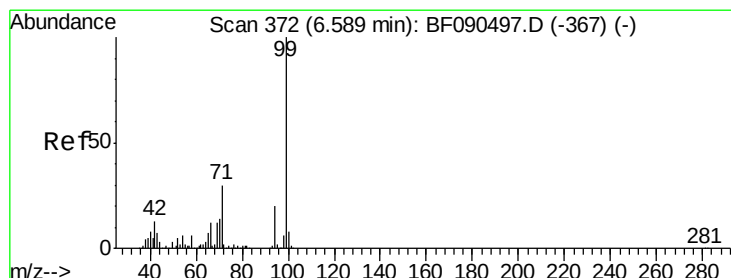
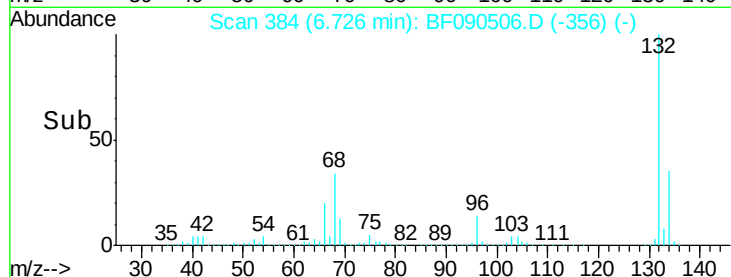
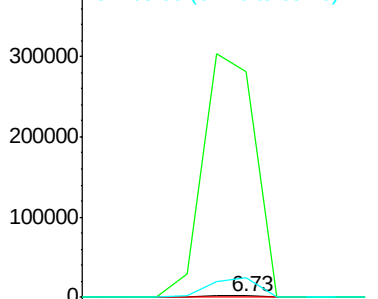
93 100

66 14741.4 34.5 51.7#

65 1246.9 18.2 27.2#



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: 80.11 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

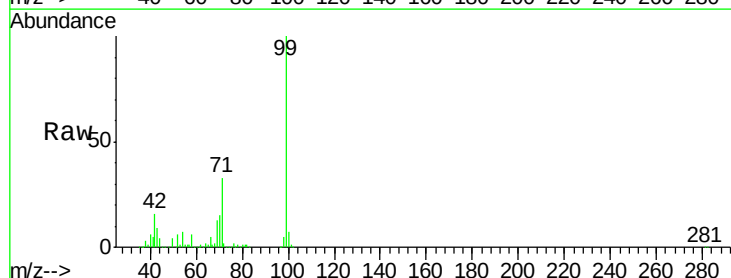
Tgt Ion: 99 Resp: 2032740

Ion Ratio Lower Upper

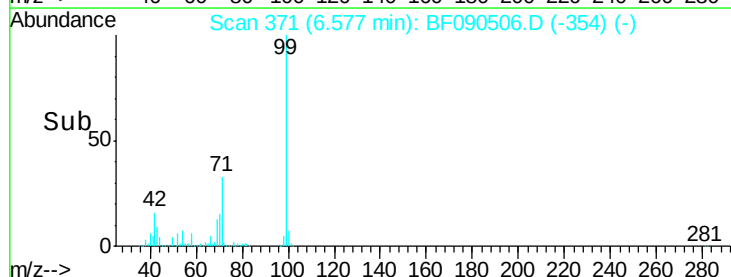
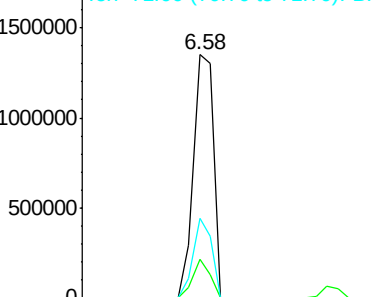
99 100

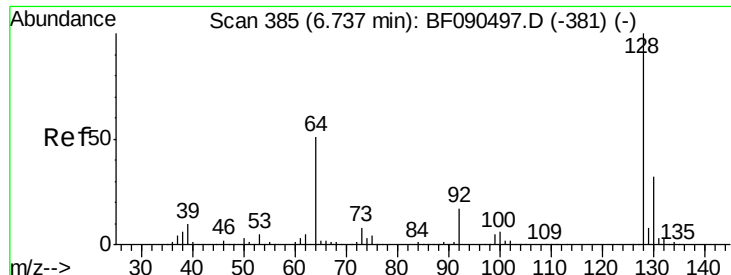
42 15.9 20.0 30.0#

71 32.6 27.9 41.9



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





#8

2-Chlorophenol

Concen: 0.03 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB93839BL

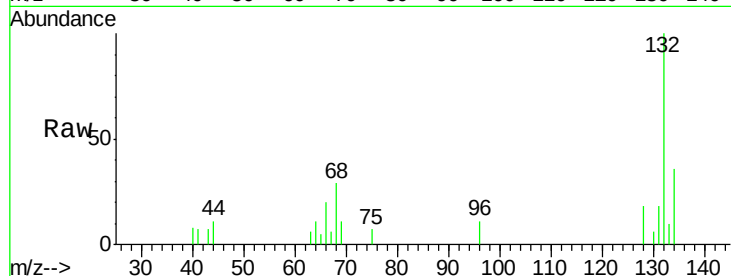
Tgt Ion: 128 Resp: 682

Ion Ratio Lower Upper

128 100

130 35.5 13.3 53.3

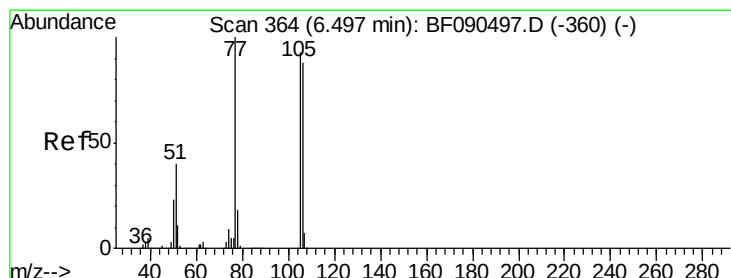
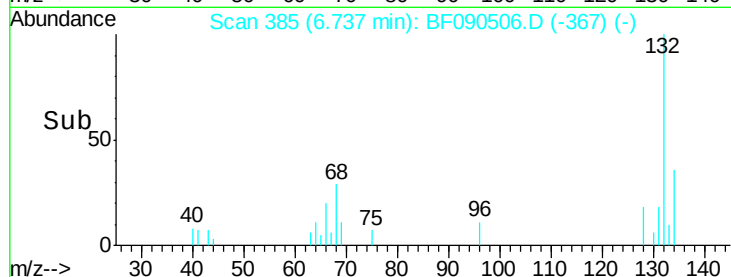
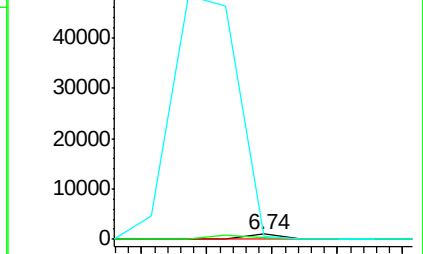
64 60.8 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 0.17 ng

RT: 6.58 min Scan# 371

Delta R.T. 0.08 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

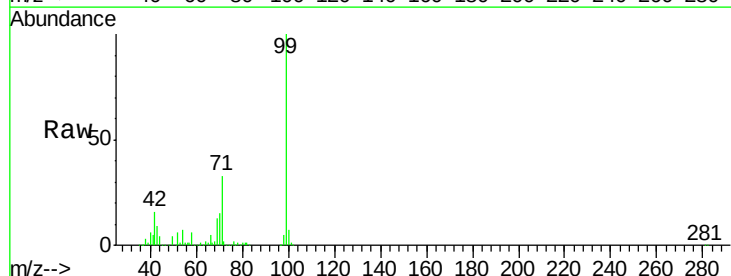
Tgt Ion: 77 Resp: 2661

Ion Ratio Lower Upper

77 100

105 0.0 73.1 113.1#

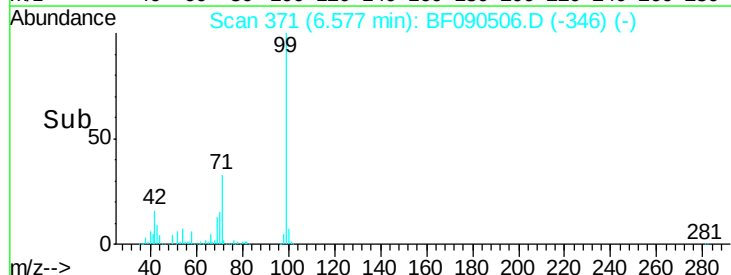
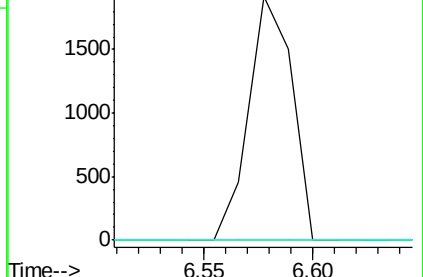
106 0.0 70.2 110.2#

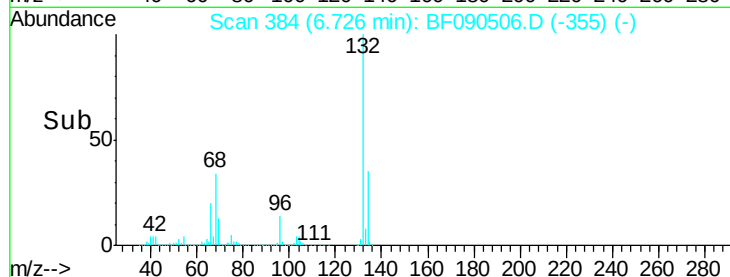
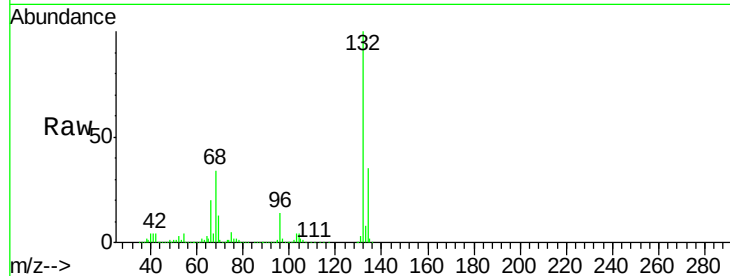
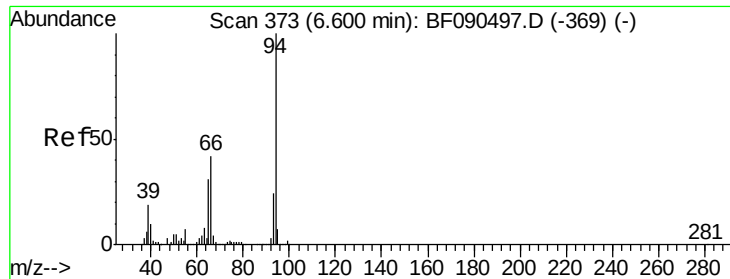


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.11 ng

RT: 6.73 min Scan# 384

Delta R.T. 0.13 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB93839BL

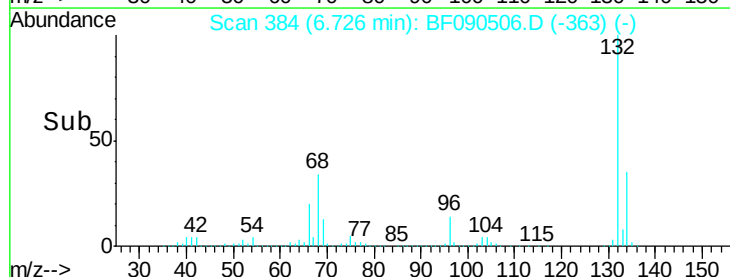
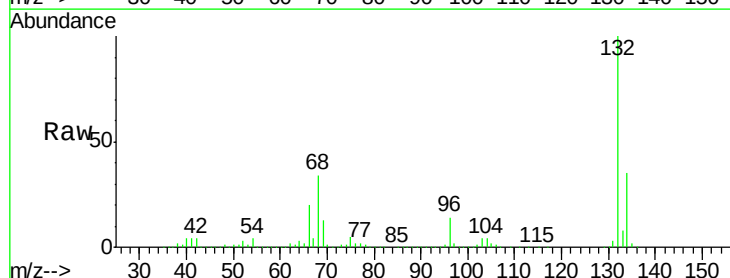
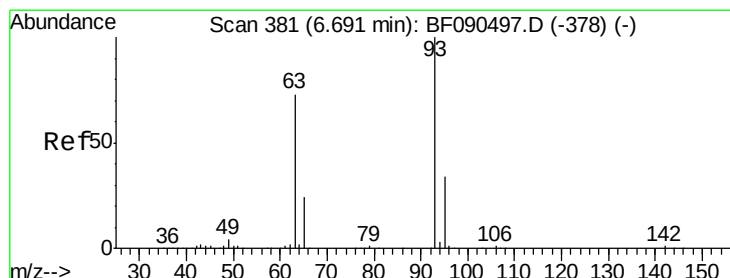
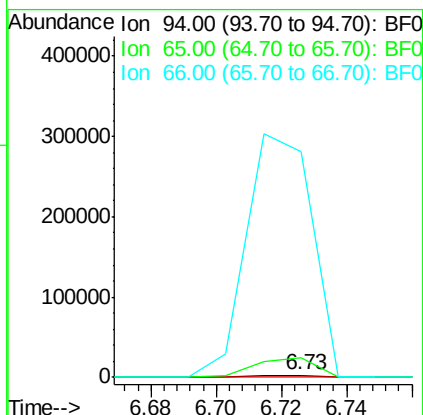
Tgt Ion: 94 Resp: 3037

Ion Ratio Lower Upper

94 100

65 964.4 13.3 53.3#

66 11401.9 20.4 60.4#



#11

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 6.73 min Scan# 384

Delta R.T. 0.03 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

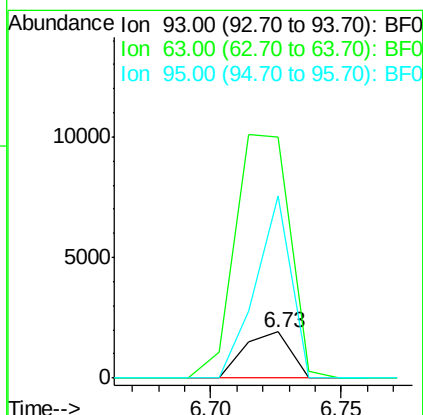
Tgt Ion: 93 Resp: 2337

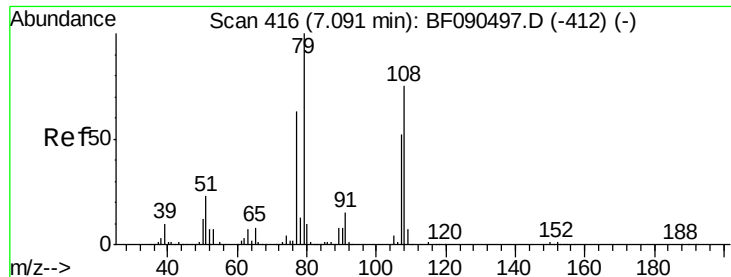
Ion Ratio Lower Upper

93 100

63 524.0 59.7 99.7#

95 394.6 14.0 54.0#





#15

Benzyl Alcohol

Concen: 0.98 ng

RT: 7.10 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB93839BL

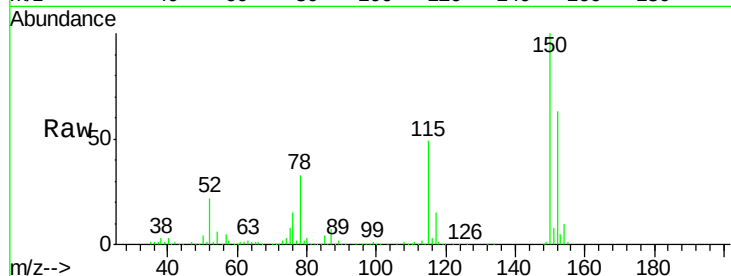
Tgt Ion: 79 Resp: 19140

Ion Ratio Lower Upper

79 100

108 24.5 60.9 91.3#

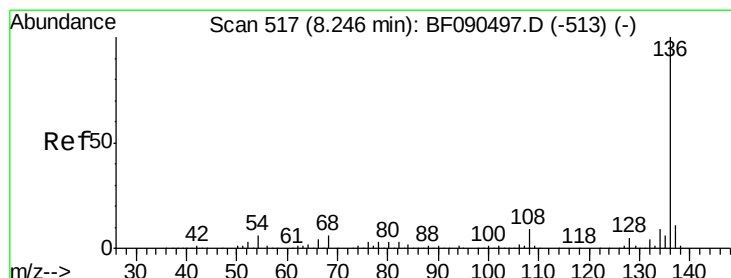
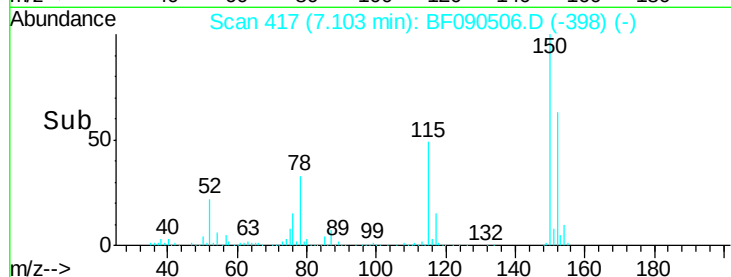
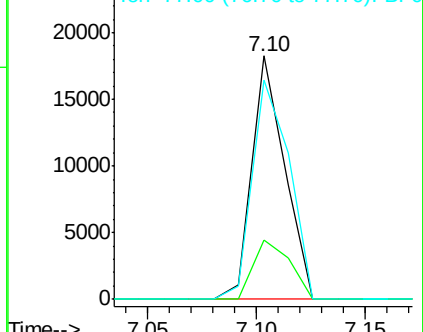
77 89.8 51.5 77.3#



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: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Tgt Ion: 136 Resp: 1183648

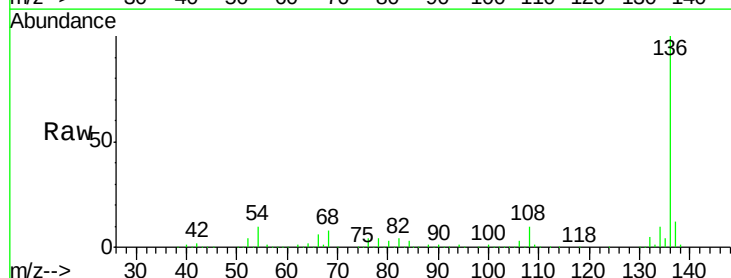
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 9.6 6.6 10.0

68 8.4 5.0 7.6#

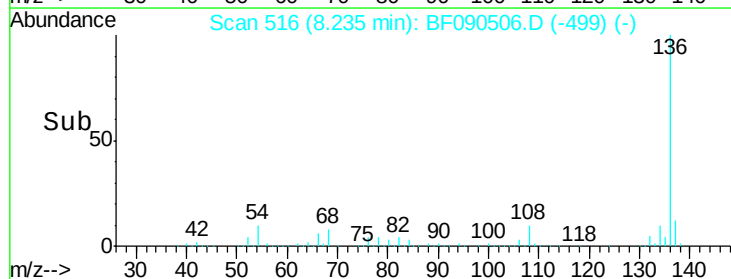
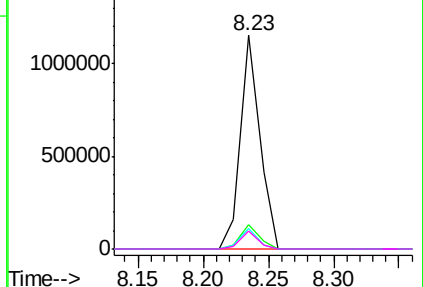


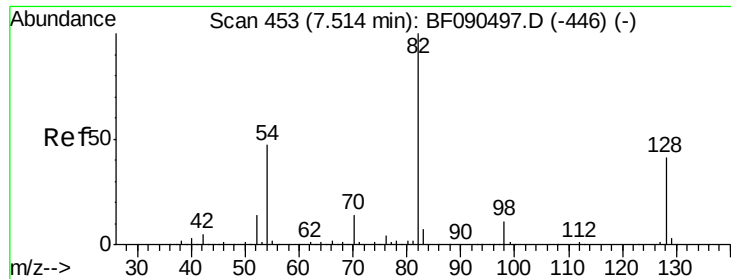
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

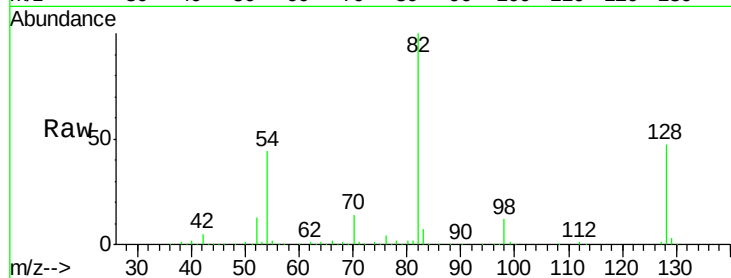




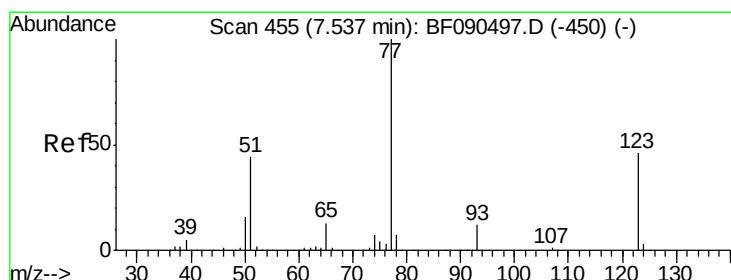
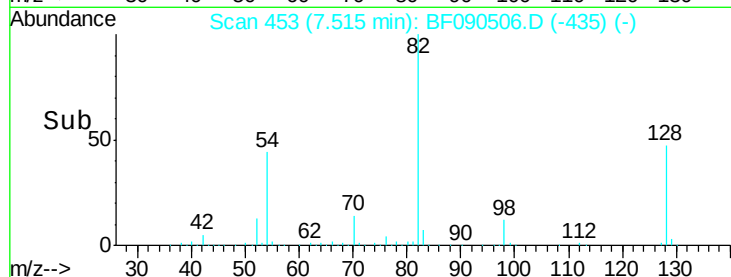
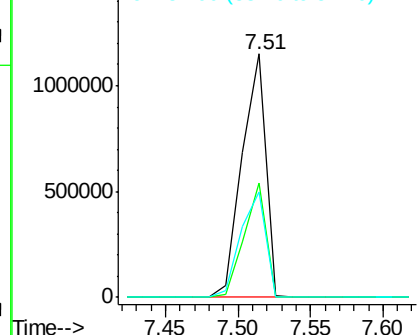
#23
 Nitrobenzene-d5
 Concen: 59.65 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090506.D
 Acq: 11 Oct 2016 17:14

Instrument :
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 ClientSampleId :
 PB93839BL

Tgt Ion: 82 Resp: 1301817
 Ion Ratio Lower Upper
 82 100
 128 47.2 40.0 60.0
 54 43.5 42.6 64.0

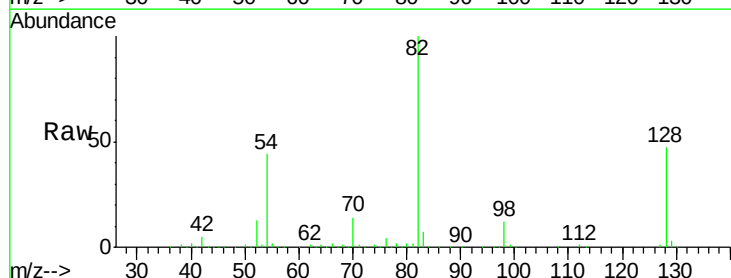


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

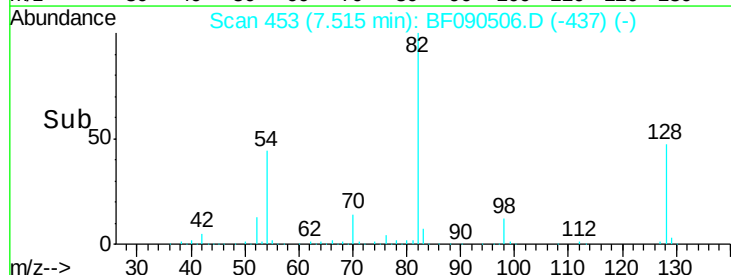
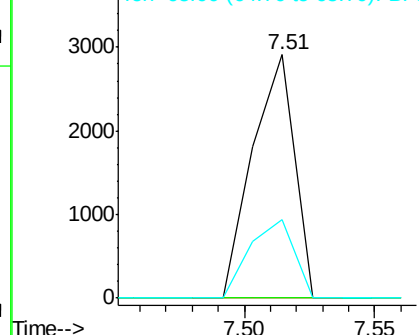


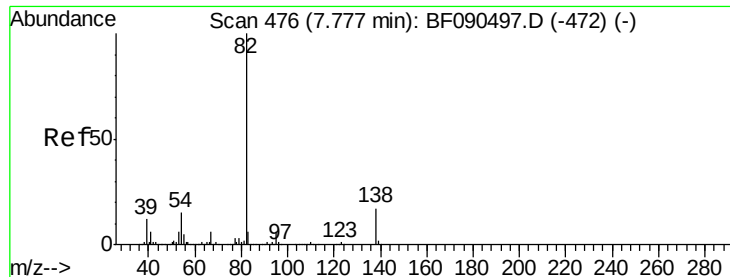
#24
 Nitrobenzene
 Concen: 0.14 ng
 RT: 7.51 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF090506.D
 Acq: 11 Oct 2016 17:14

Tgt Ion: 77 Resp: 3237
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 32.2 12.0 18.0#



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





#25

Isophorone

Concen: 0.02 ng

RT: 7.77 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB93839BL

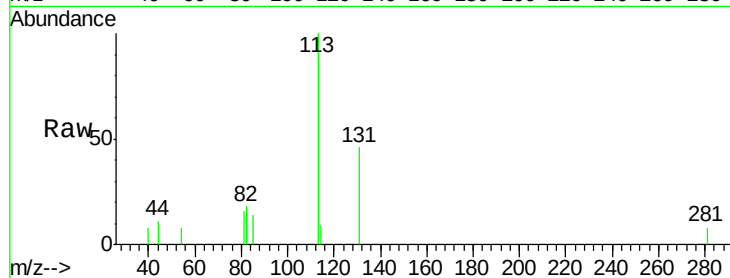
Tgt Ion: 82 Resp: 820

Ion Ratio Lower Upper

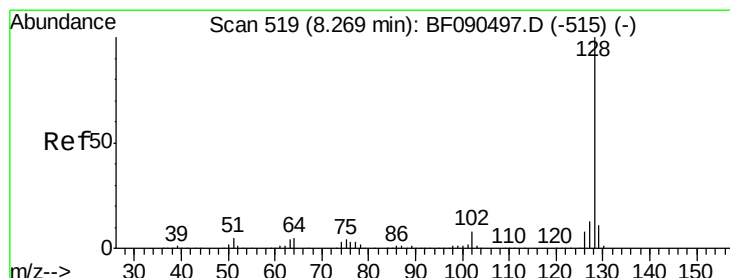
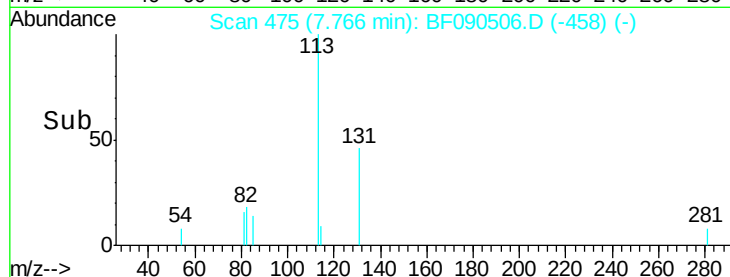
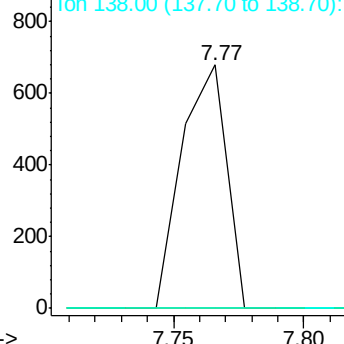
82 100

95 0.0 5.2 7.8#

138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 0.03 ng

RT: 8.35 min Scan# 526

Delta R.T. 0.08 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

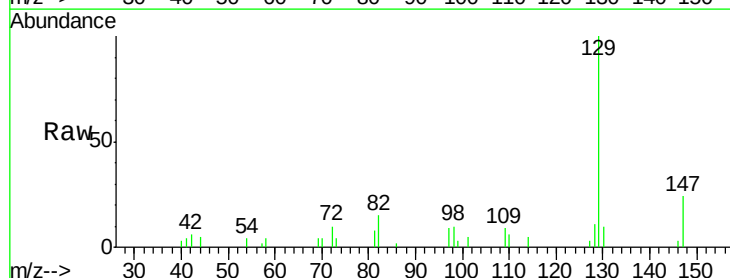
Tgt Ion: 128 Resp: 1665

Ion Ratio Lower Upper

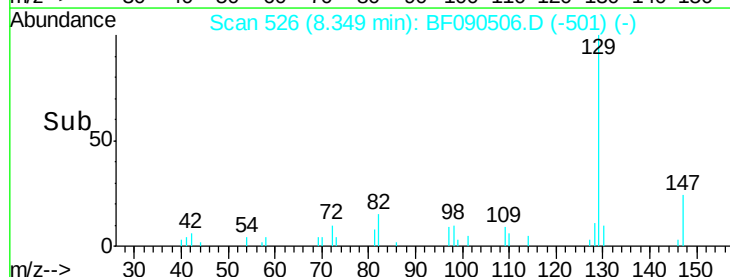
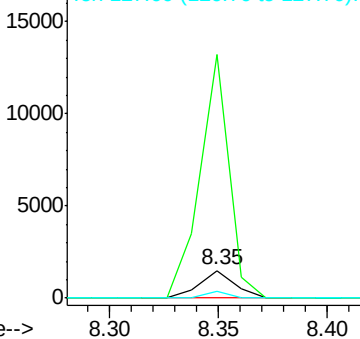
128 100

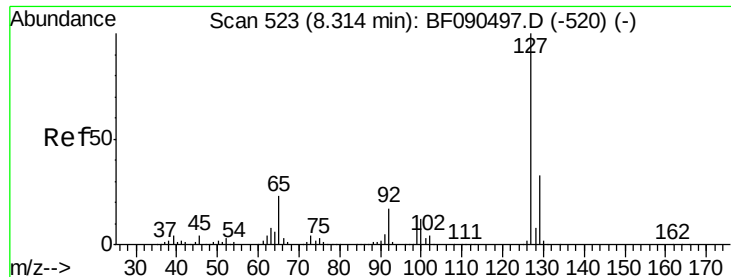
129 876.1 9.7 14.5#

127 24.0 11.7 17.5#



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

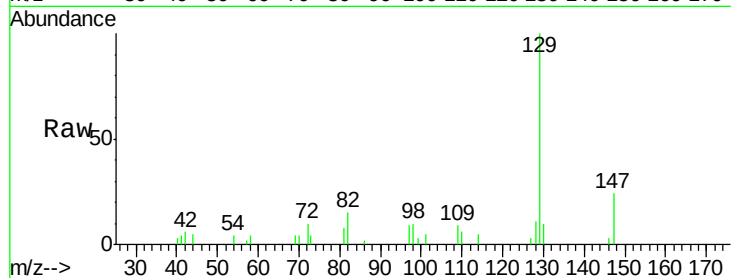




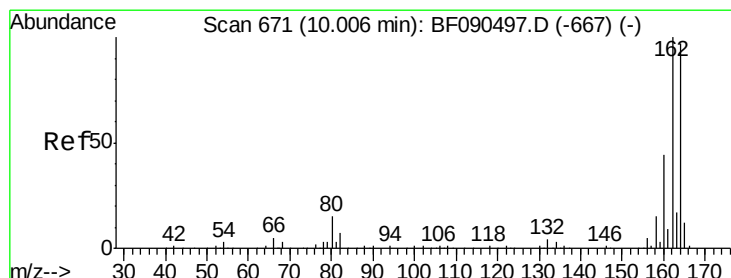
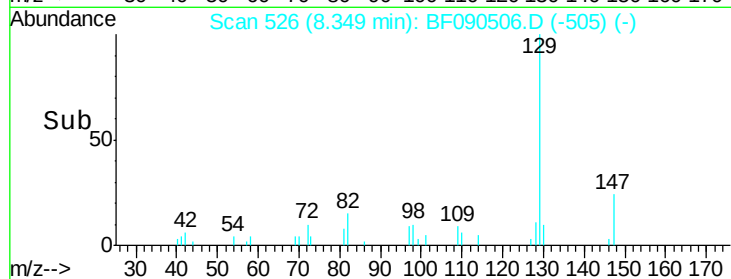
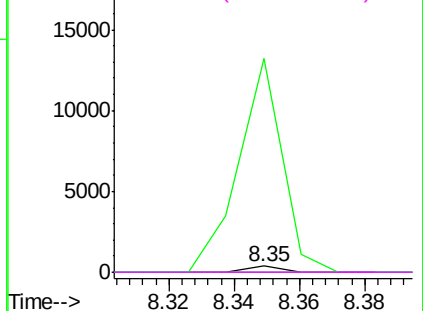
#33
4-Chloroaniline
Concen: 0.01 ng
RT: 8.35 min Scan# 526
Delta R.T. 0.03 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:127 Resp: 248
Ion Ratio Lower Upper
127 100
129 3649.7 26.2 39.4#
65 0.0 32.5 48.7#
92 0.0 17.2 25.8#

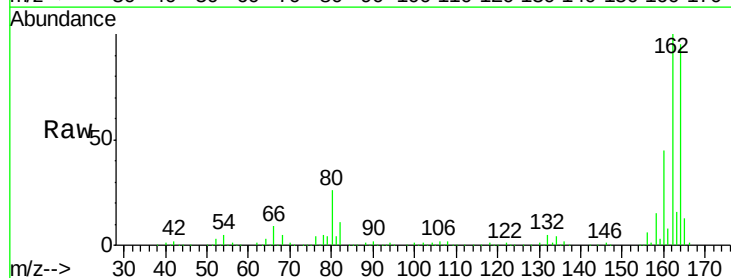


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

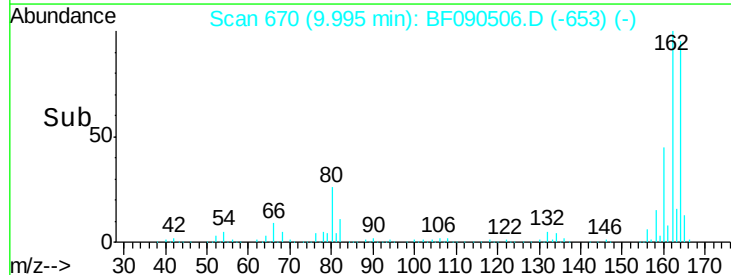
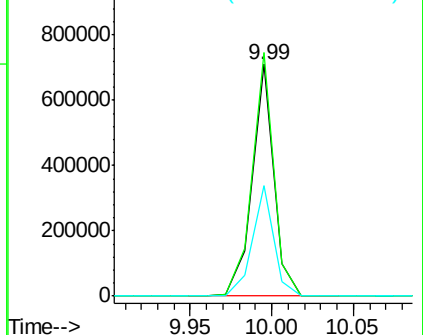


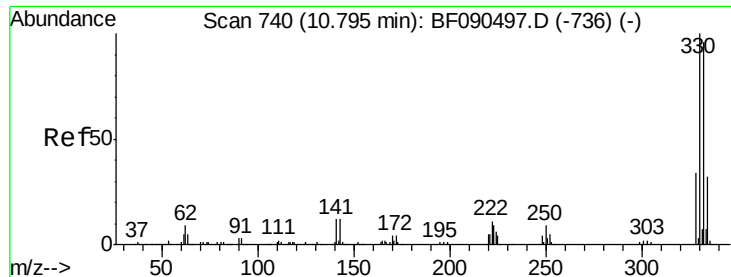
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:164 Resp: 652707
Ion Ratio Lower Upper
164 100
162 105.1 80.1 120.1
160 47.6 36.3 54.5



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

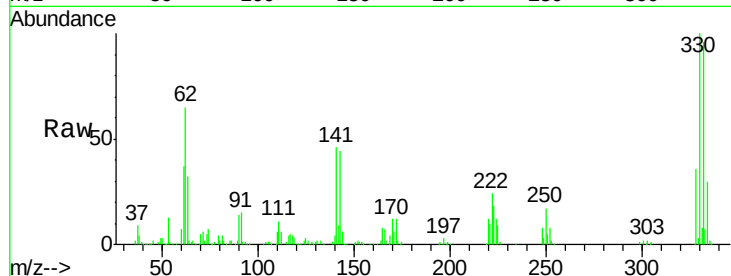




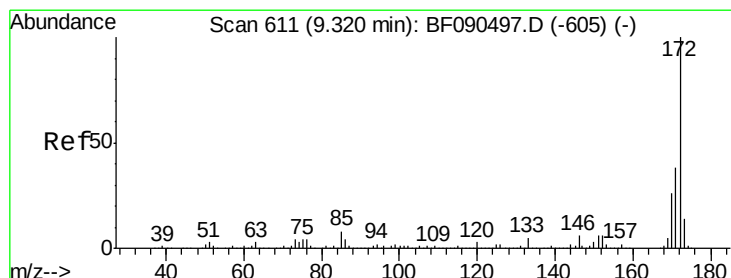
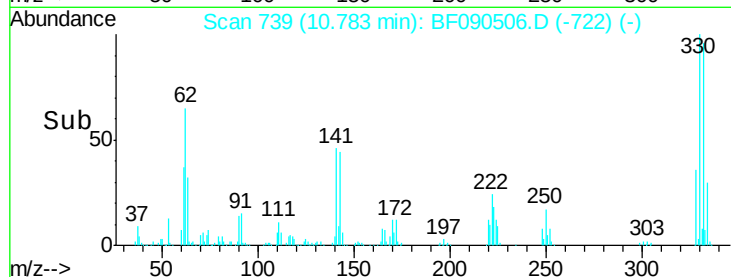
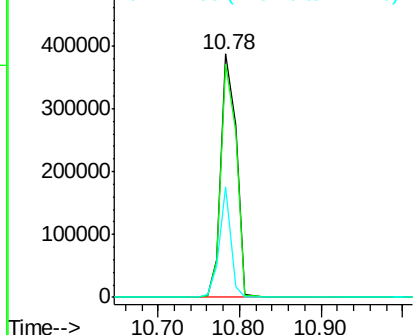
#41
 2,4,6-Tribromophenol
 Concen: 77.52 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090506.D
 Acq: 11 Oct 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BL

Tgt Ion:330 Resp: 501574
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.0
 141 34.2 26.9 40.3

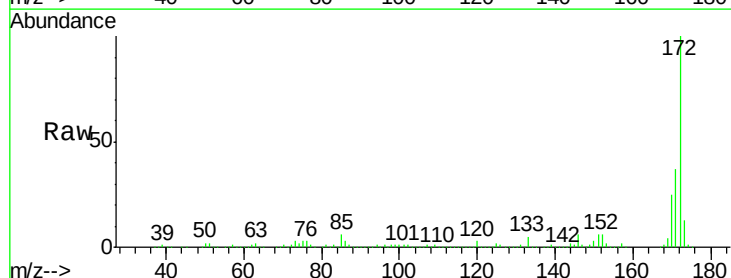


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

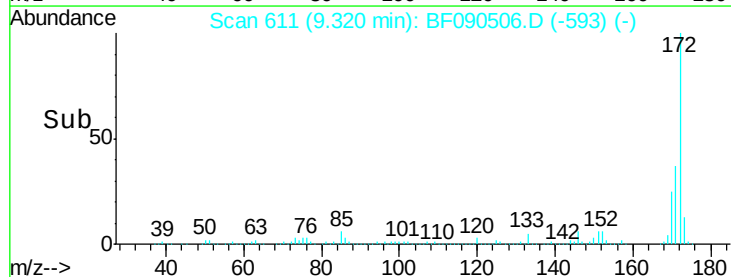
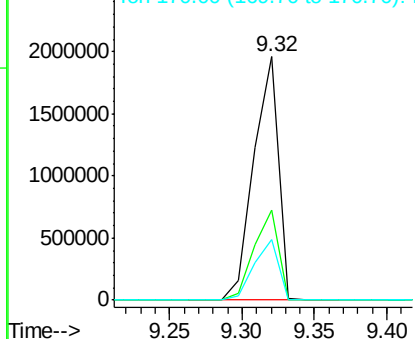


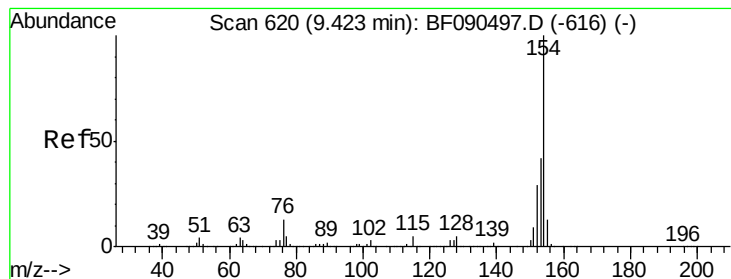
#44
 2-Fluorobiphenyl
 Concen: 59.45 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090506.D
 Acq: 11 Oct 2016 17:14

Tgt Ion:172 Resp: 2309125
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.8 47.8
 170 25.0 21.7 32.5



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





#45

1,1'-Biphenyl

Concen: 0.09 ng

RT: 9.32 min Scan# 611

Delta R.T. -0.10 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB93839BL

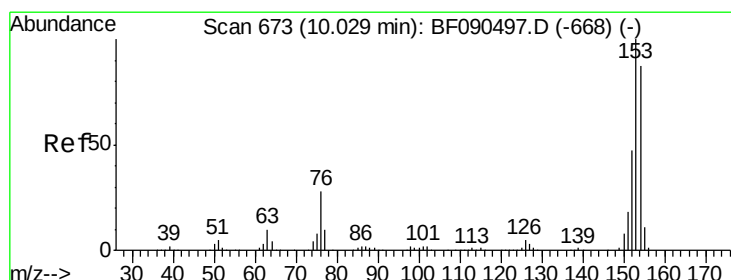
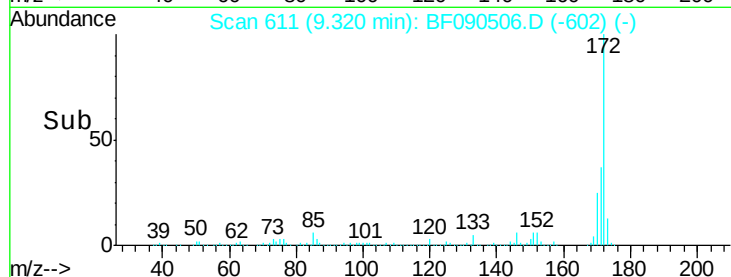
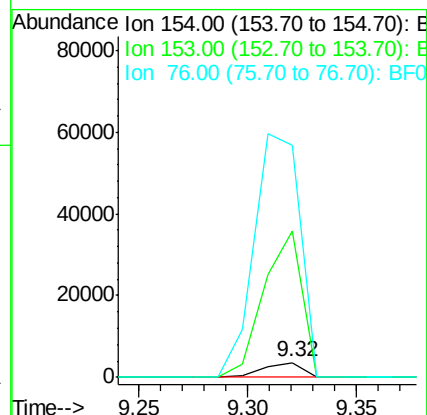
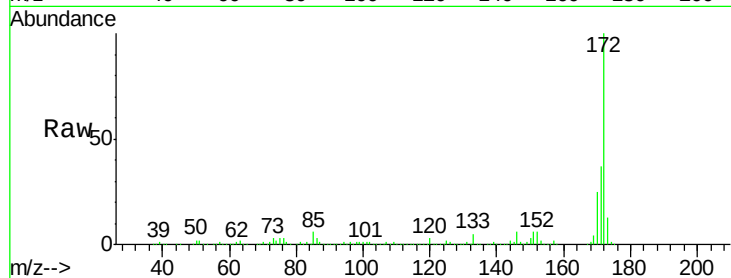
Tgt Ion:154 Resp: 4464

Ion Ratio Lower Upper

154 100

153 1000.3 23.8 63.8#

76 1590.4 0.0 35.8#



#51

Acenaphthene

Concen: 0.06 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

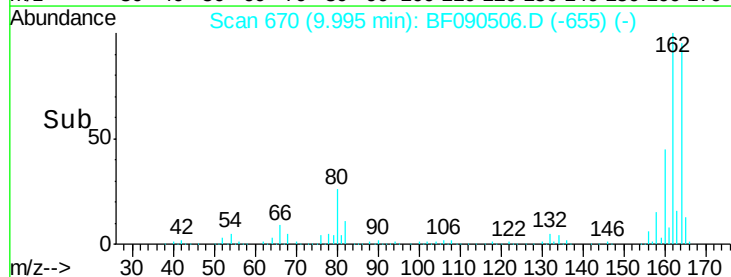
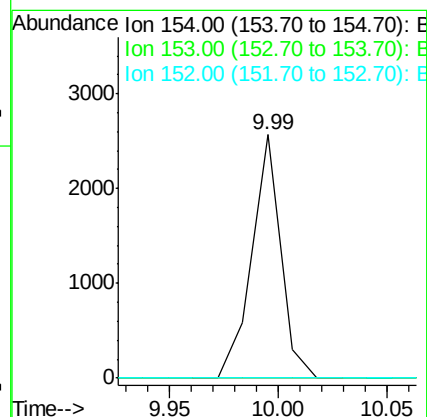
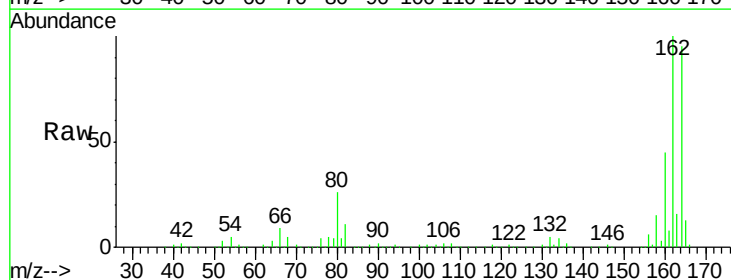
Tgt Ion:154 Resp: 2375

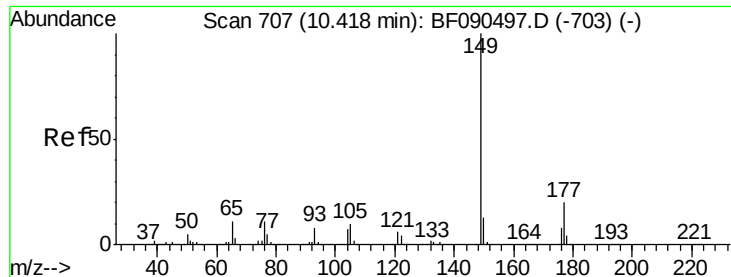
Ion Ratio Lower Upper

154 100

153 0.0 88.6 133.0#

152 0.0 42.6 64.0#

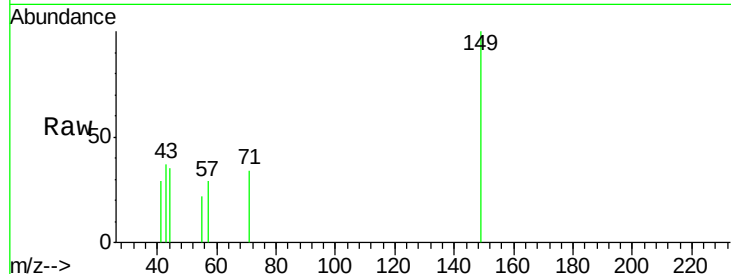




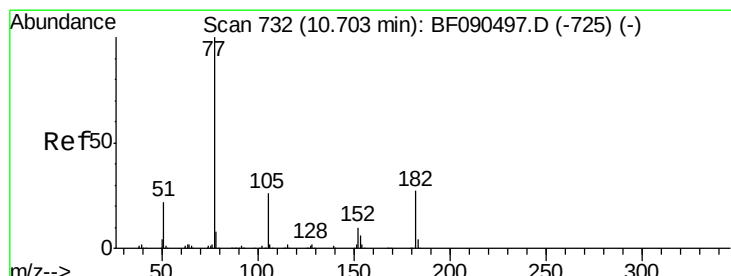
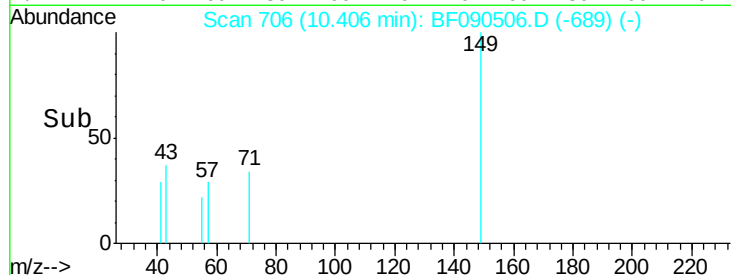
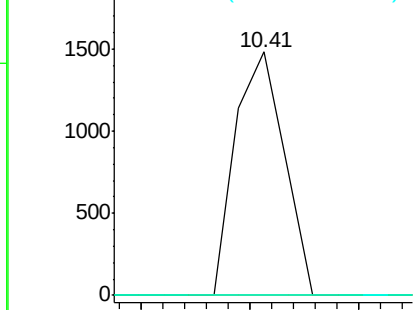
#59
Diethylphthalate
Concen: 0.05 ng
RT: 10.41 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion: 149 Resp: 2315
Ion Ratio Lower Upper
149 100
177 0.0 21.1 31.7#
150 0.0 10.2 15.2#

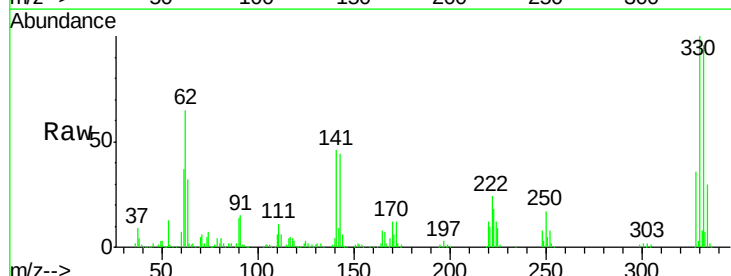


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

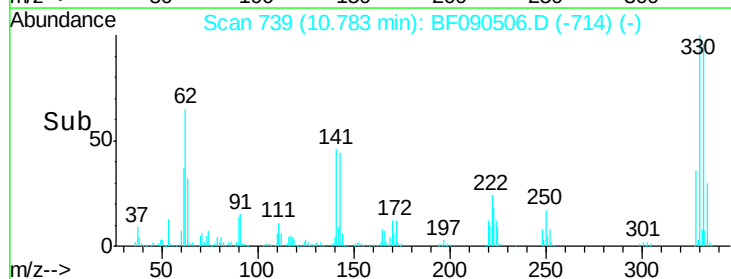
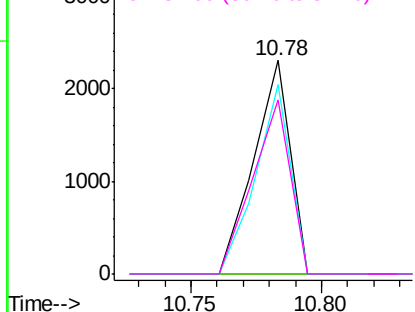


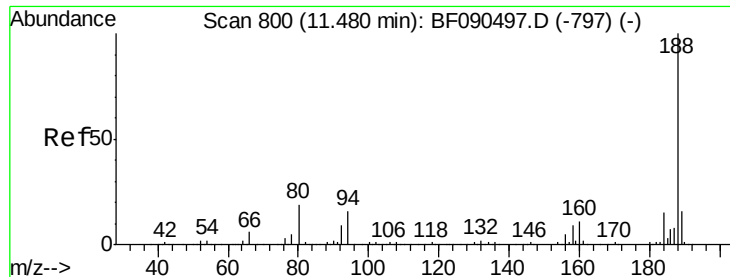
#62
Azobenzene
Concen: 0.05 ng
RT: 10.78 min Scan# 739
Delta R.T. 0.08 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion: 77 Resp: 2267
Ion Ratio Lower Upper
77 100
182 0.0 3.2 43.2#
105 88.9 2.9 42.9#
51 81.5 14.2 54.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

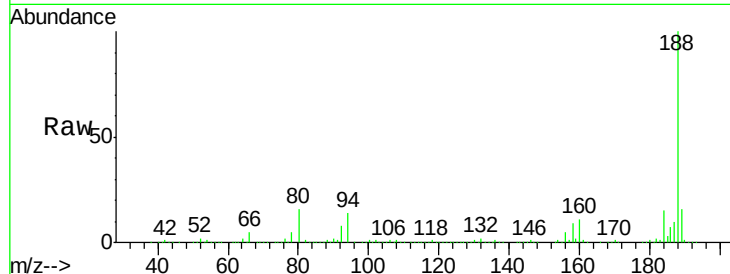




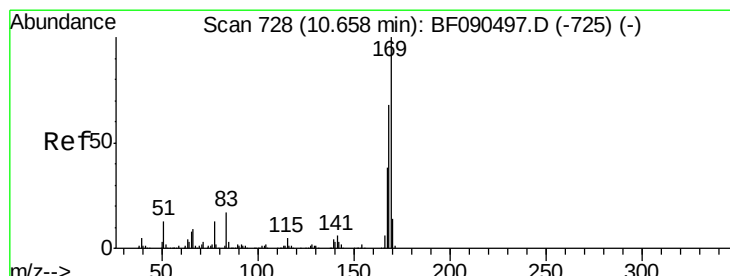
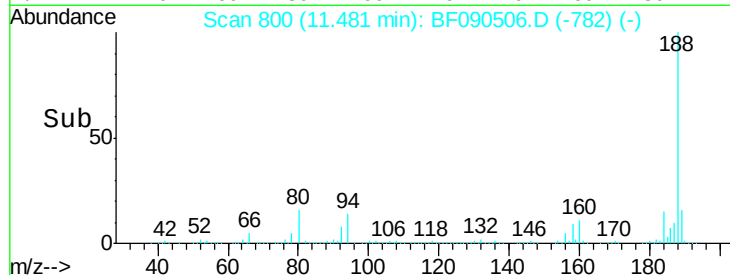
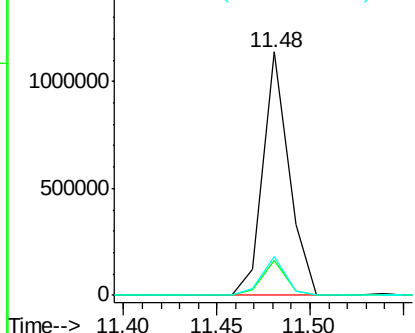
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:188 Resp: 1096077
Ion Ratio Lower Upper
188 100
94 14.3 8.2 12.2#
80 16.0 8.8 13.2#

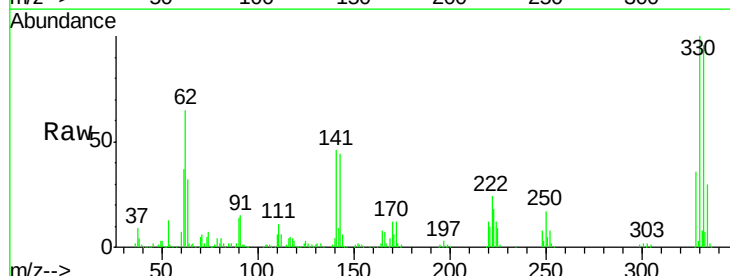


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

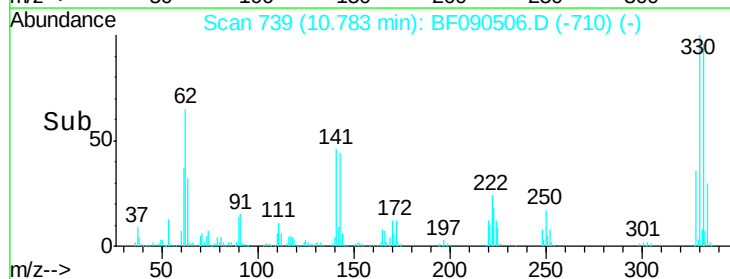
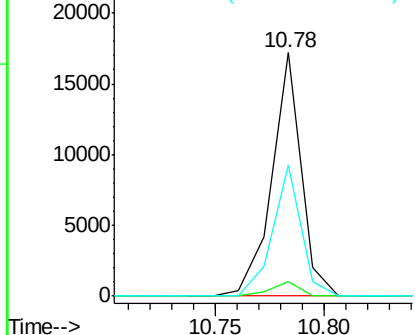


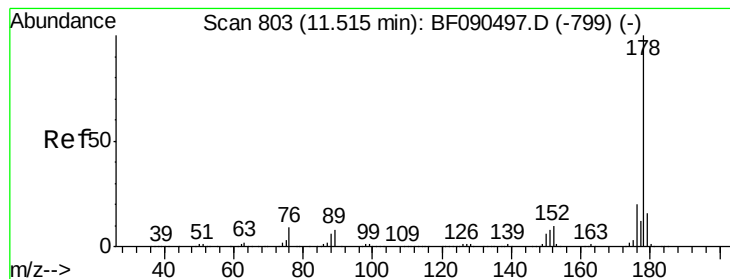
#65
n-Nitrosodiphenylamine
Concen: 0.46 ng
RT: 10.78 min Scan# 739
Delta R.T. 0.13 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:169 Resp: 16328
Ion Ratio Lower Upper
169 100
168 6.2 53.8 80.6#
167 53.9 29.8 44.8#



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: 0.00 ng

RT: 11.48 min Scan# 800

Delta R.T. -0.03 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB93839BL

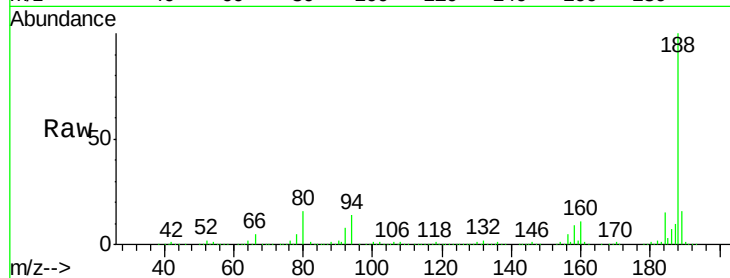
Tgt Ion:178 Resp: 261

Ion Ratio Lower Upper

178 100

176 0.0 17.3 25.9#

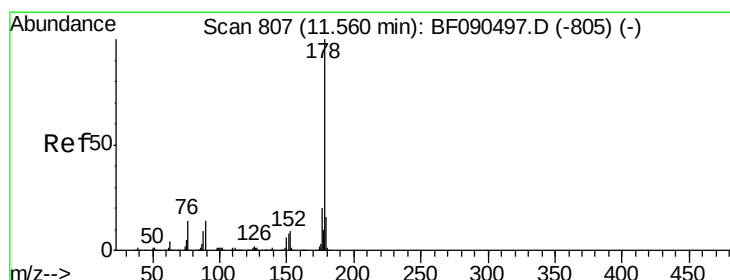
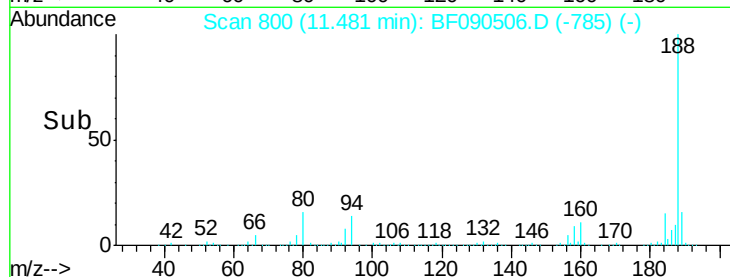
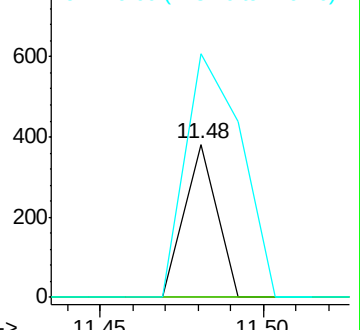
179 159.3 13.8 20.6#



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: 0.00 ng

RT: 11.59 min Scan# 810

Delta R.T. 0.03 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

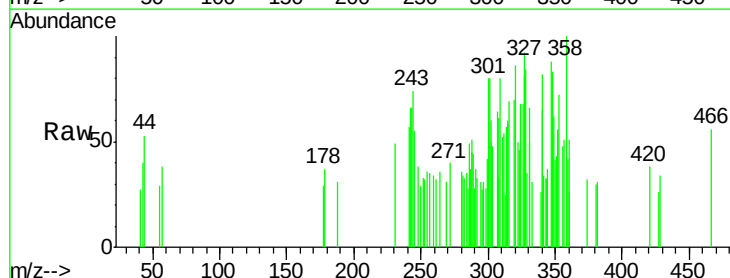
Tgt Ion:178 Resp: 305

Ion Ratio Lower Upper

178 100

176 0.0 16.8 25.2#

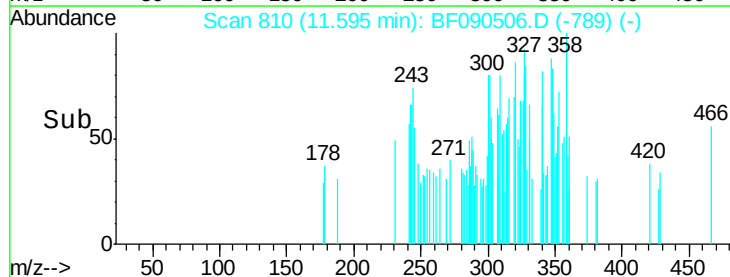
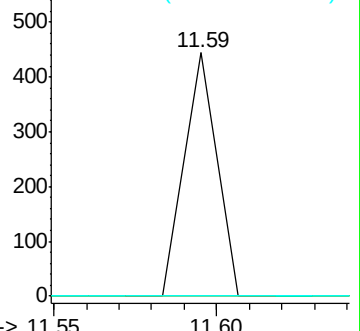
179 0.0 13.4 20.2#

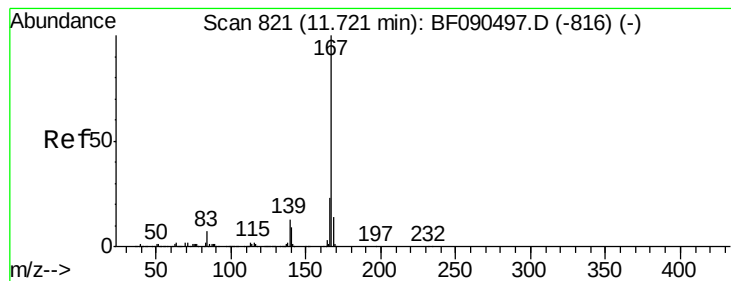


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.01 ng

RT: 11.58 min Scan# 809

Delta R.T. -0.14 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB93839BL

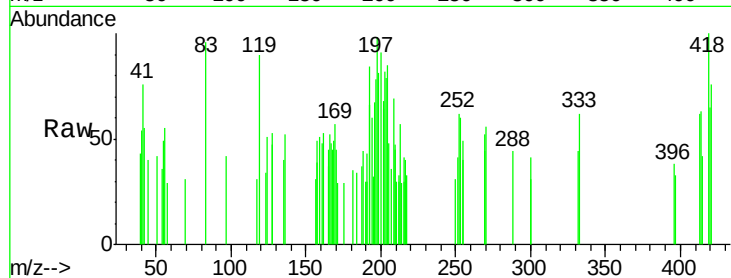
Tgt Ion:167 Resp: 346

Ion Ratio Lower Upper

167 100

166 106.7 19.1 28.7#

139 0.0 12.1 18.1#



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

600

400

200

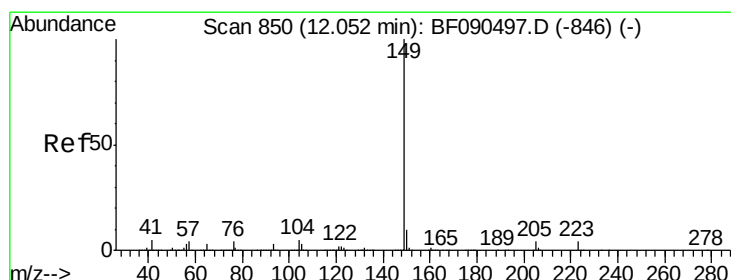
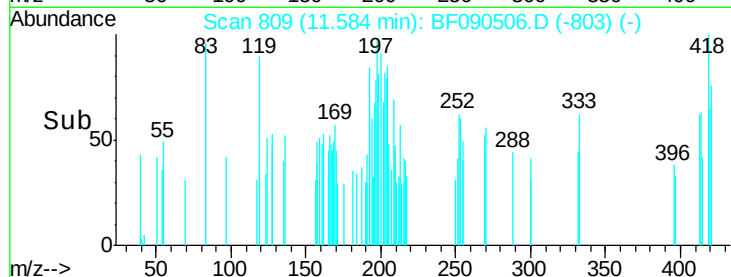
0

11.55

11.58

11.60

Time-->



#73

Di-n-butylphthalate

Concen: 0.22 ng

RT: 12.03 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

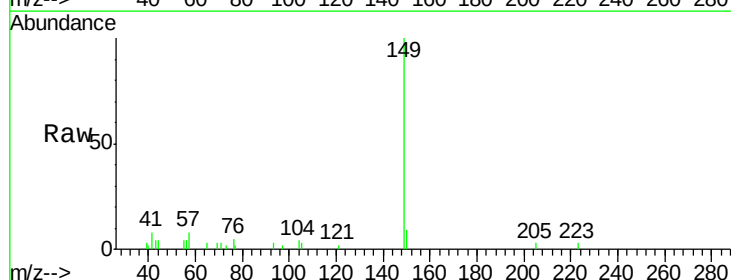
Tgt Ion:149 Resp: 15646

Ion Ratio Lower Upper

149 100

150 9.0 8.6 12.8

104 4.0 4.7 7.1#



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

20000

15000

10000

5000

0

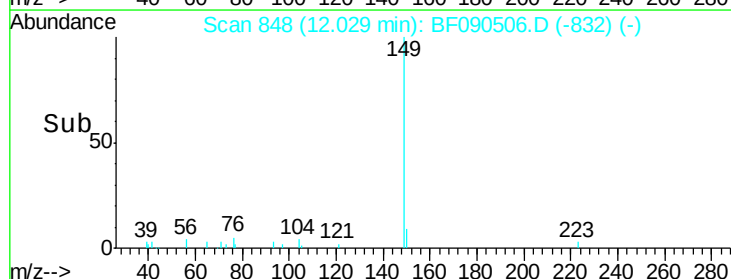
12.00

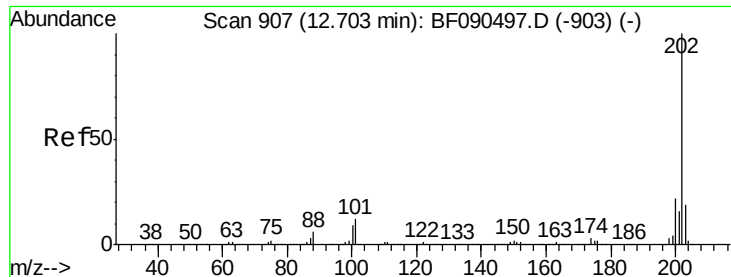
12.03

12.05

12.10

Time-->

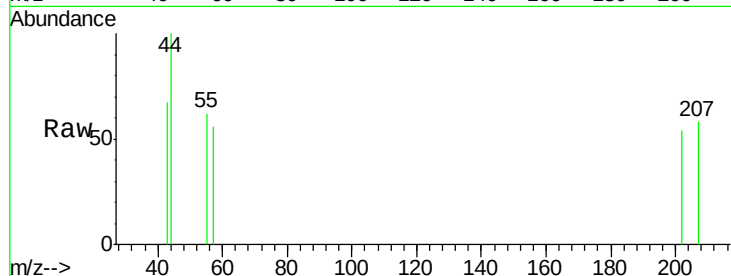




#74
Fluoranthene
Concen: 0.00 ng
RT: 12.69 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

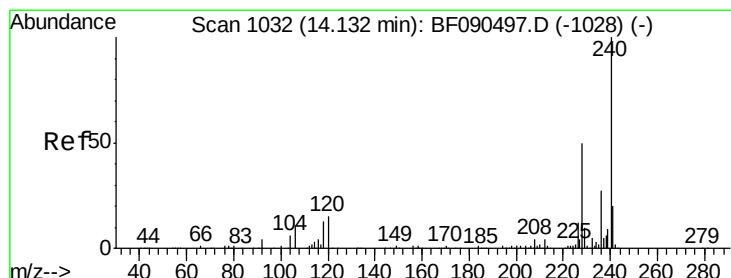
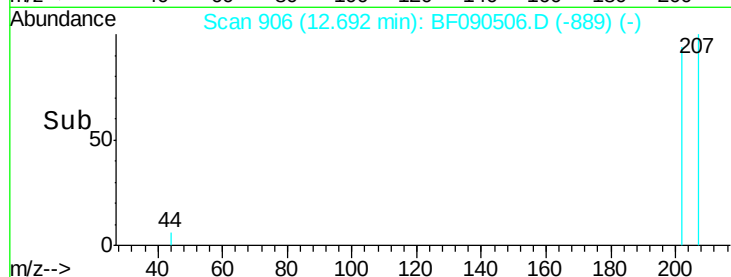
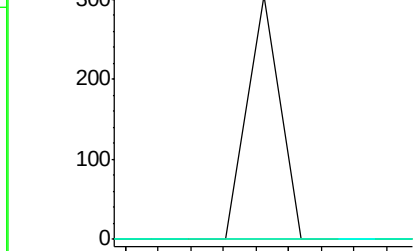
Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	37.2
203	0.0	0.0	39.3



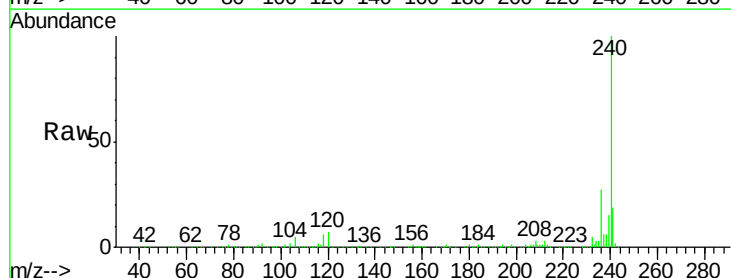
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

12.69



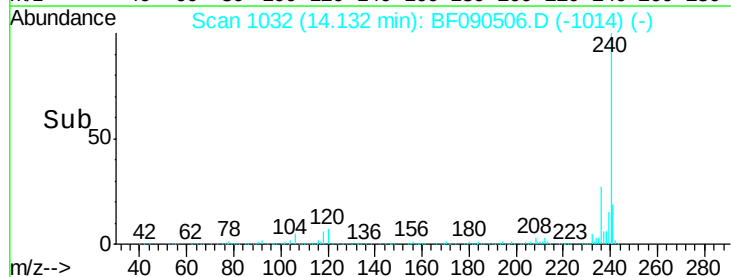
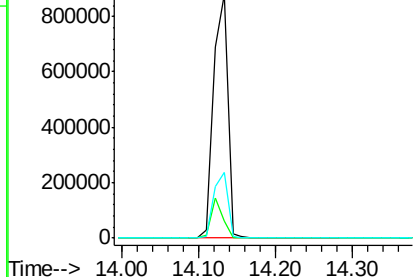
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

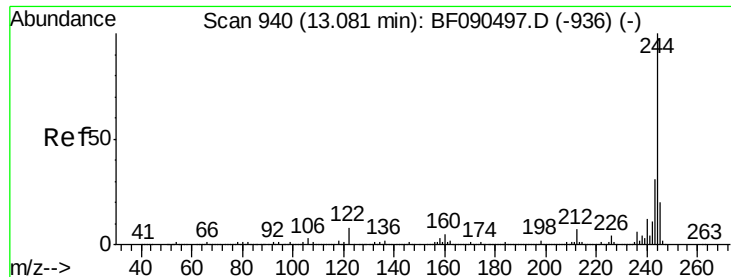
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	8.6	13.0#
236	27.2	21.6	32.4



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

14.13

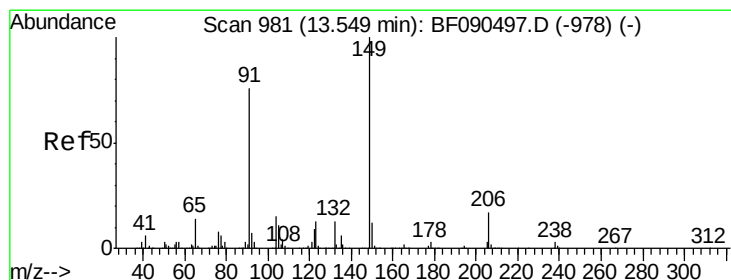
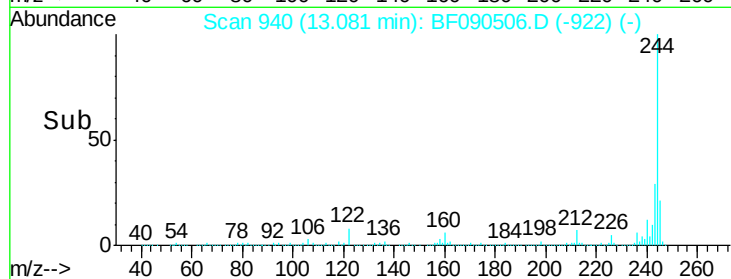
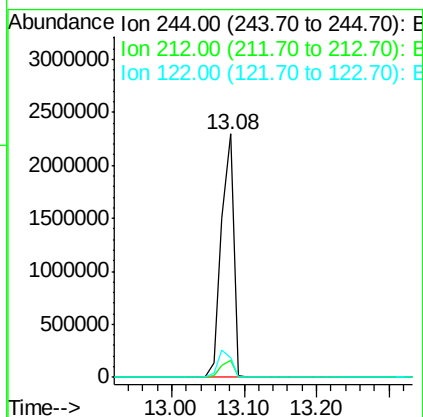
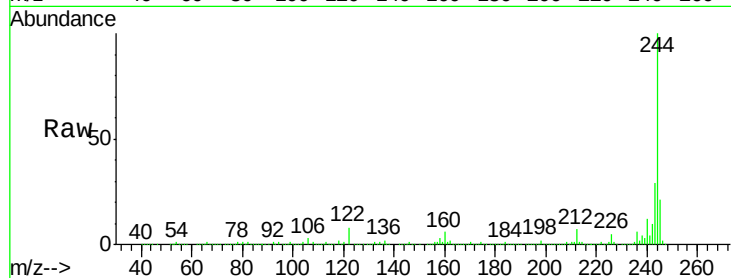




#78
 Terphenyl-d14
 Concen: 59.42 ng
 RT: 13.08 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF090506.D
 Acq: 11 Oct 2016 17:14

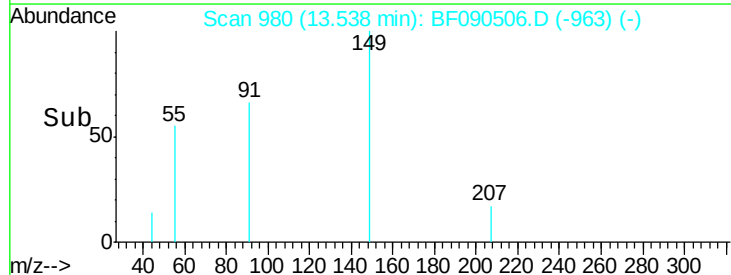
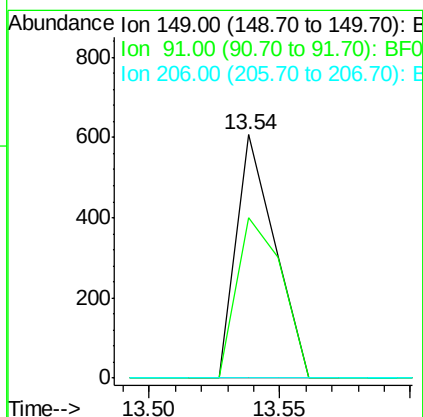
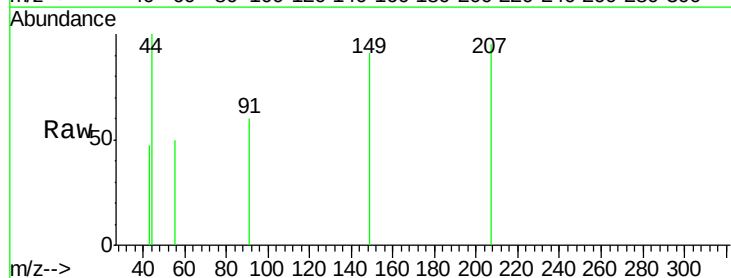
Instrument :
 BNA_F
 ClientSampleId :
 PB93839BL

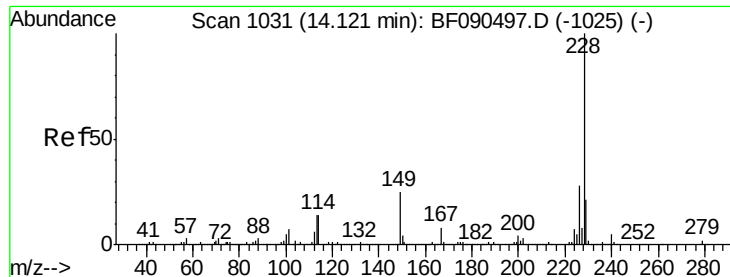
Tgt Ion:244 Resp: 2715496
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.8 10.2
 122 8.0 13.3 19.9#



#79
 Butylbenzylphthalate
 Concen: 0.02 ng
 RT: 13.54 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF090506.D
 Acq: 11 Oct 2016 17:14

Tgt Ion:149 Resp: 625
 Ion Ratio Lower Upper
 149 100
 91 65.9 51.8 77.8
 206 0.0 18.0 27.0#





#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

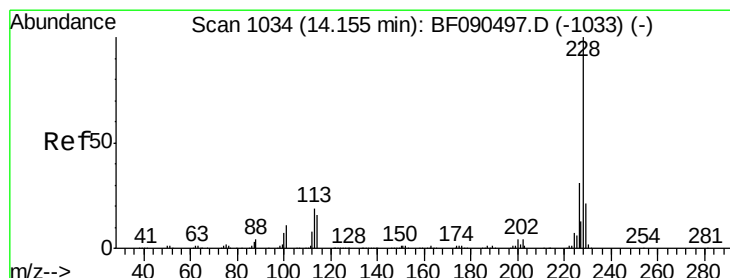
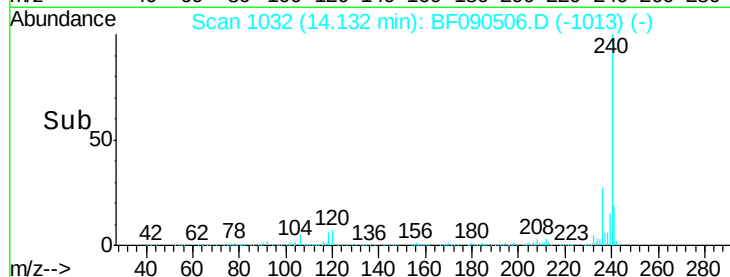
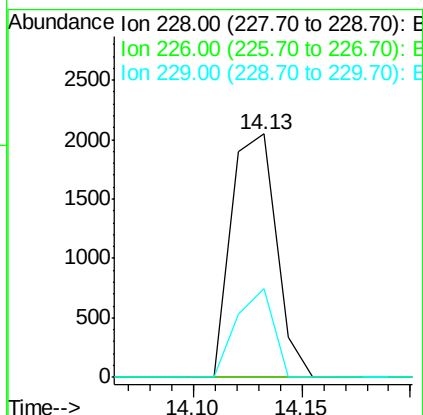
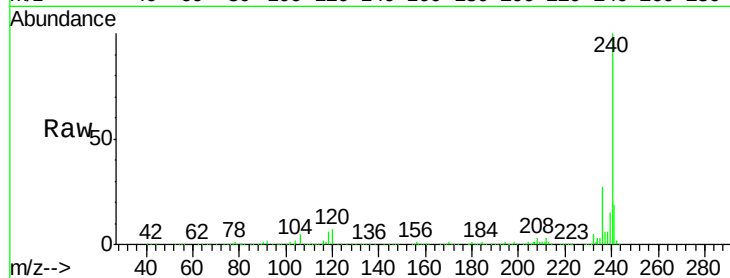
Instrument :

BNA_F

ClientSampled :

PB93839BL

Tgt Ion:	228	Resp:	2932
Ion Ratio	Lower	Upper	
228	100		
226	0.0	23.6	35.4#
229	36.5	16.6	25.0#



#82

Chrysene

Concen: 0.05 ng

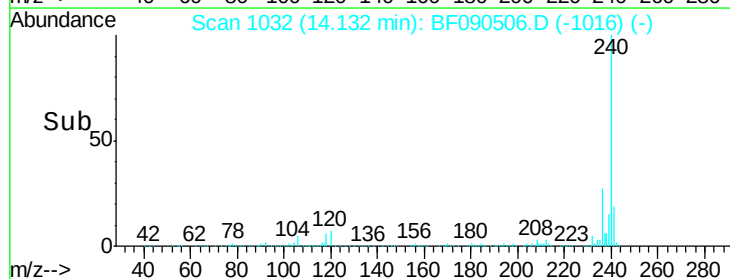
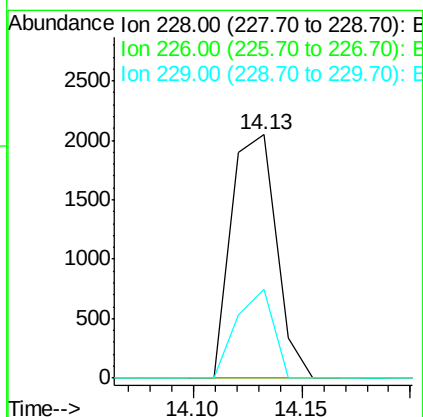
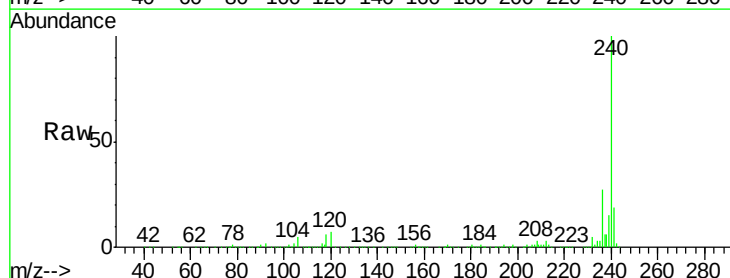
RT: 14.13 min Scan# 1032

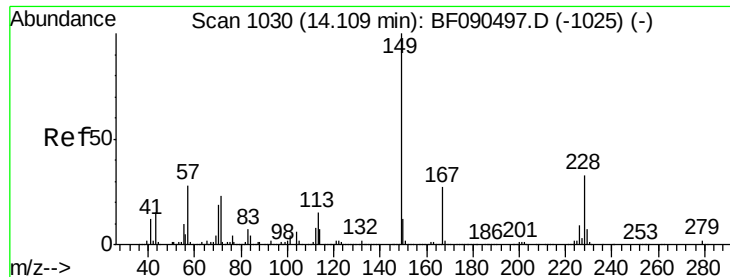
Delta R.T. -0.02 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Tgt Ion:	228	Resp:	2932
Ion Ratio	Lower	Upper	
228	100		
226	0.0	25.8	38.6#
229	36.5	16.9	25.3#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.23 ng

RT: 14.10 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB93839BL

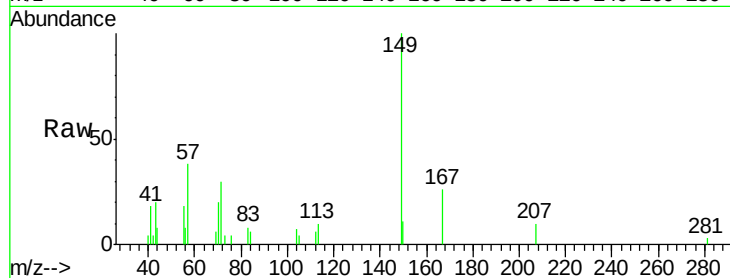
Tgt Ion:149 Resp: 11112

Ion Ratio Lower Upper

149 100

167 26.2 21.5 32.3

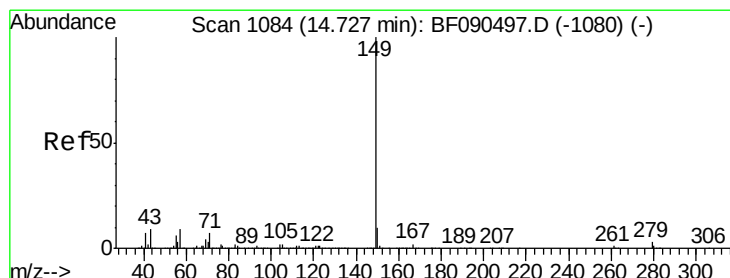
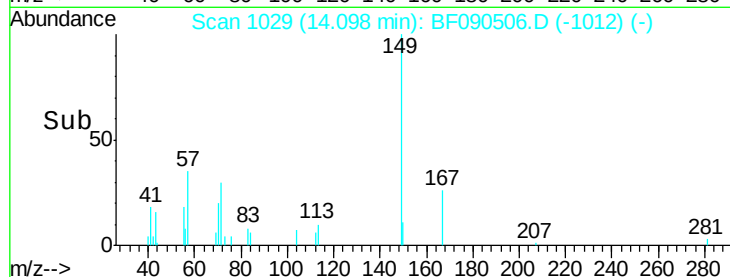
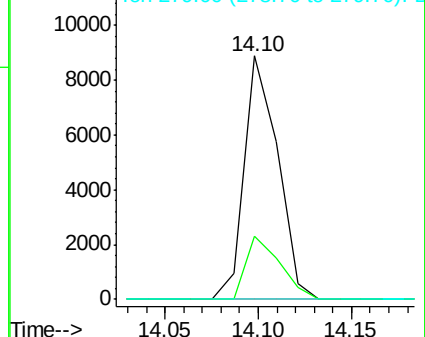
279 0.0 2.6 3.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.00 ng

RT: 14.72 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

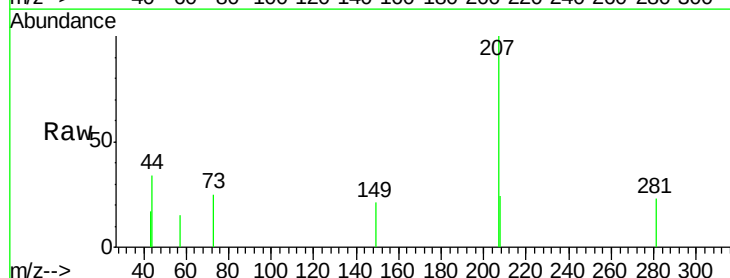
Tgt Ion:149 Resp: 292

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

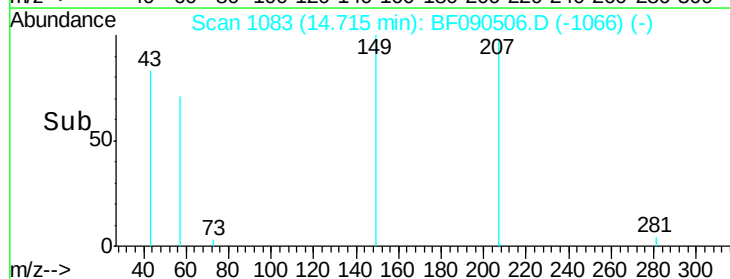
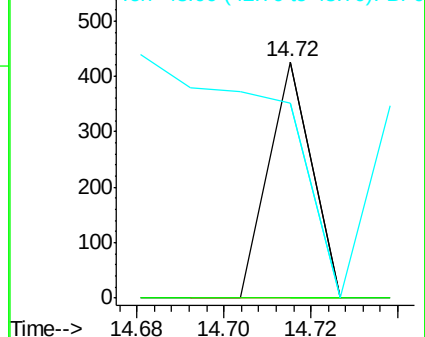
43 0.0 11.8 17.8#

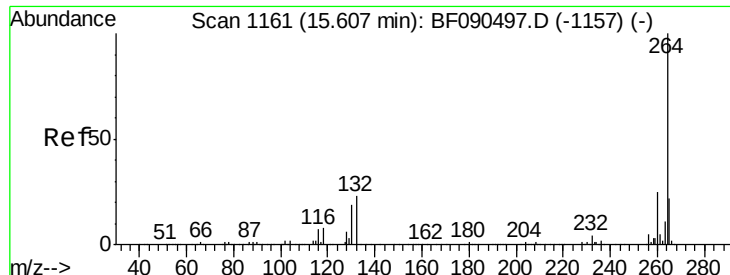


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.61 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB93839BL

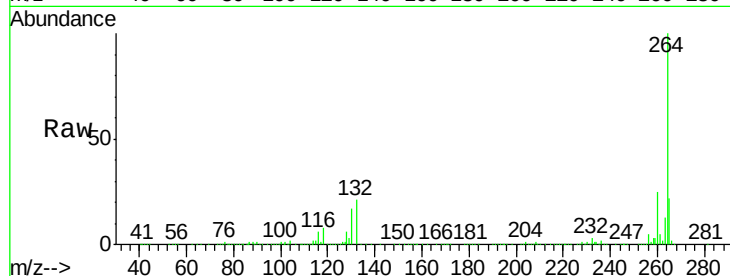
Tgt Ion:264 Resp: 915279

Ion Ratio Lower Upper

264 100

260 25.1 19.3 28.9

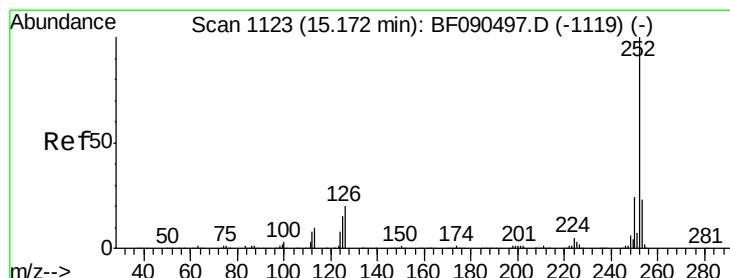
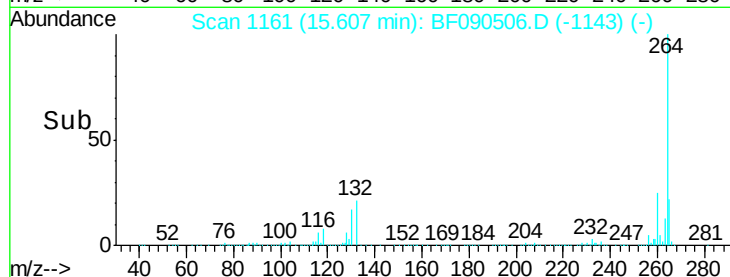
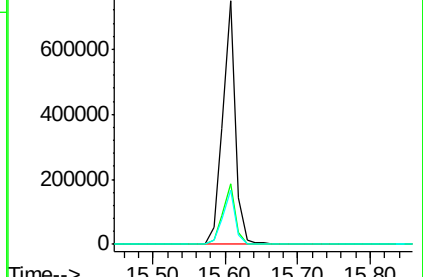
265 22.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 15.16 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

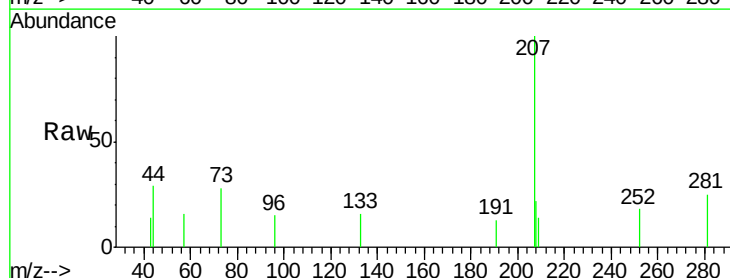
Tgt Ion:252 Resp: 520

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

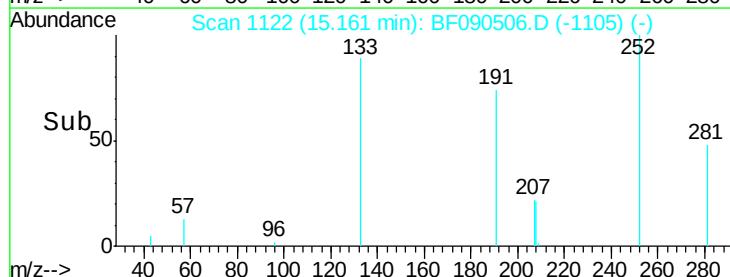
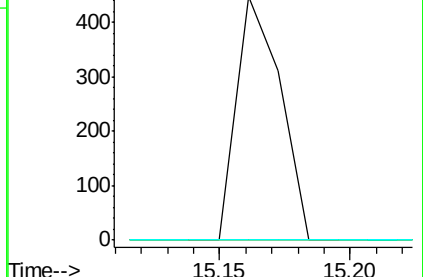
125 0.0 7.0 10.4#

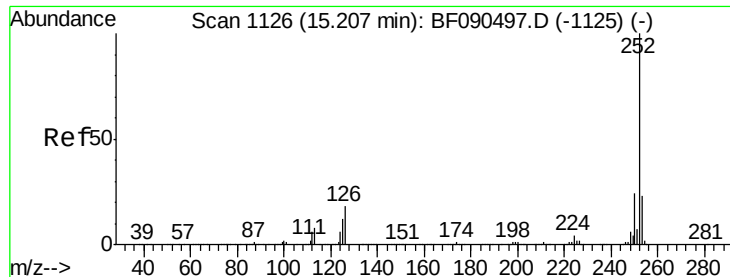


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

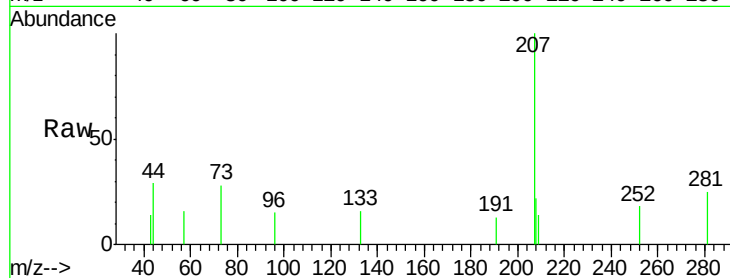




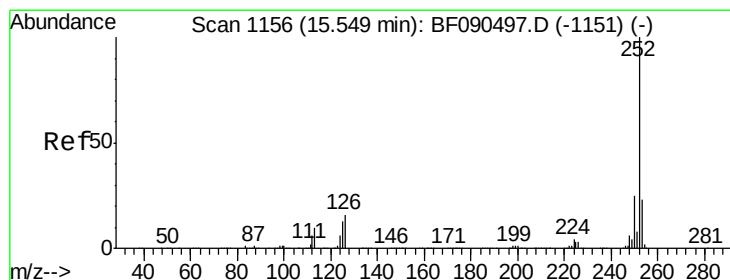
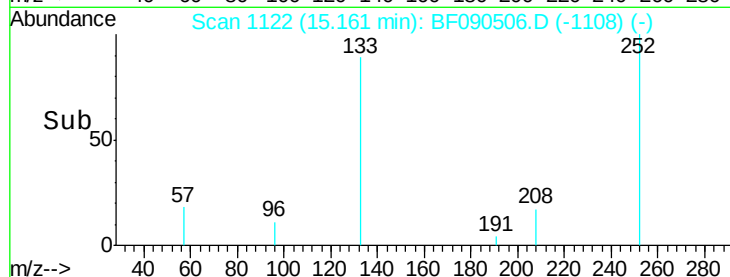
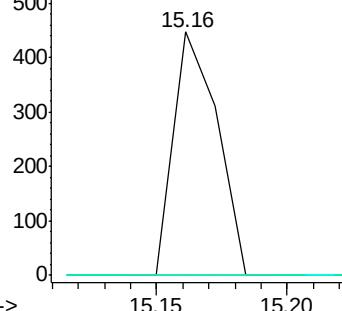
#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 15.16 min Scan# 1122
Delta R.T. -0.05 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion: 252 Resp: 520
Ion Ratio Lower Upper
252 100
253 0.0 18.6 27.8#
125 0.0 11.7 17.5#

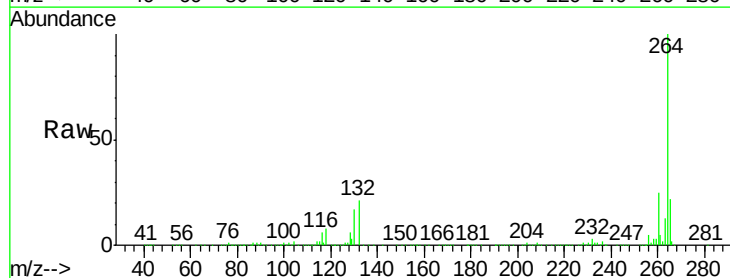


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.06 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion: 252 Resp: 2822
Ion Ratio Lower Upper
252 100
253 31.9 18.2 27.4#
125 19.1 9.8 14.8#



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

