

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091036.D
 Acq On : 4 Nov 2016 22:30
 Operator : UM/SJ
 Sample : H5526-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-99-1.0-1.5

Quant Time: Nov 04 23:27:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	227348	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	851889	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	439270	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	583242	20.00	ng	0.00
75) Chrysene-d12	13.87	240	496879	20.00	ng	0.01
86) Perylene-d12	15.27	264	438632	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1851184	134.48	ng	0.02
7) Phenol-d6	6.36	99	2054047	109.93	ng	0.01
23) Nitrobenzene-d5	7.28	82	1369357	87.69	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	449724	113.24	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1922576	75.35	ng	0.00
78) Terphenyl-d14	12.81	244	1534191	77.05	ng	0.00

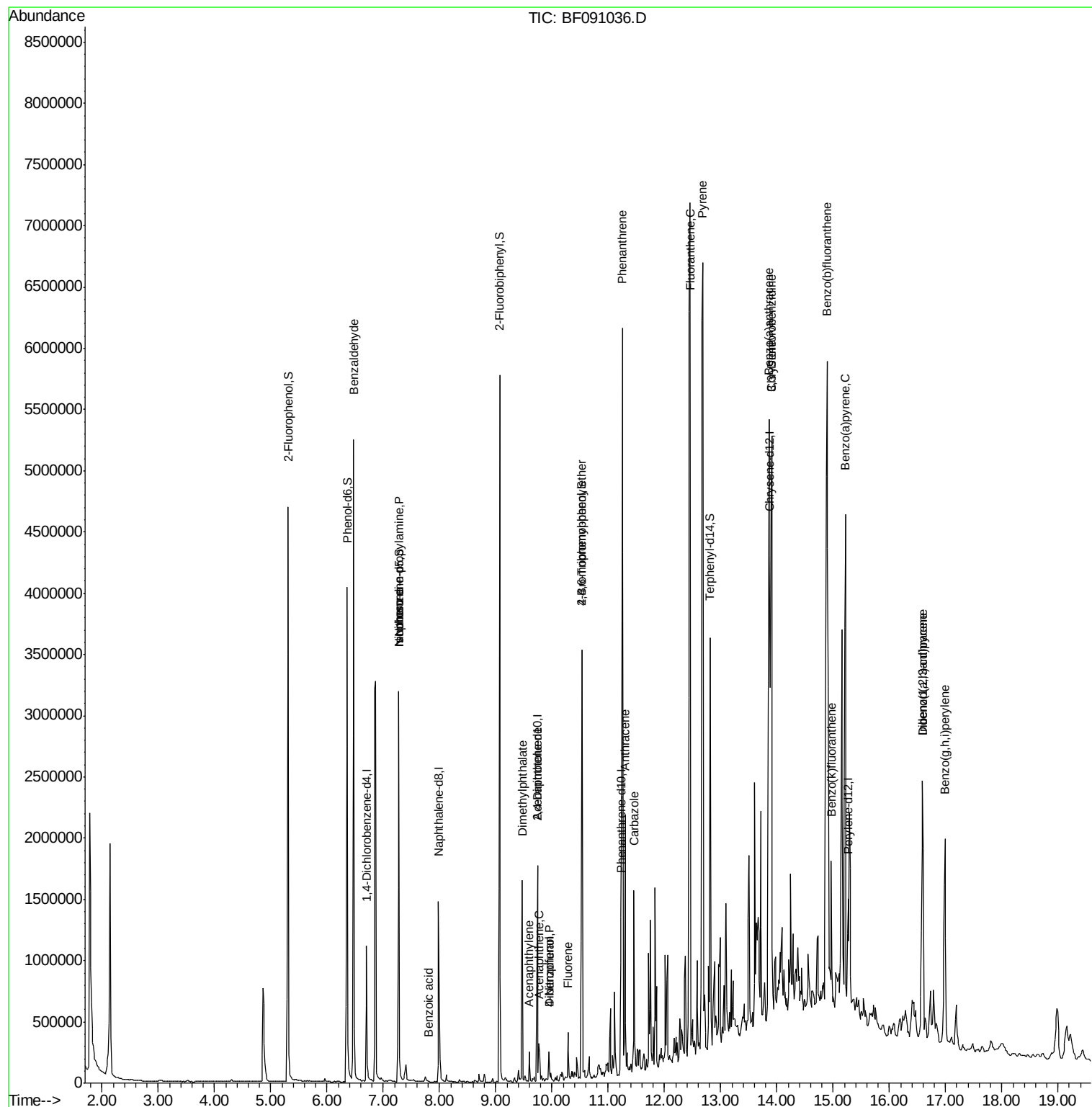
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	41229	3.98	ng	89
19) n-Nitroso-di-n-propylamine	7.28	70	192084	14.84	ng	# 76
25) Isophorone	7.28	82	1271194	42.24	ng	# 67
32) Benzoic acid	7.80	122	501	5.12	ng	# 33
48) Acenaphthylene	9.60	152	121233	3.19	ng	98
49) Dimethylphthalate	9.47	163	691257	24.00	ng	99
51) Acenaphthene	9.77	154	89915	3.77	ng	99
54) Dibenzofuran	9.95	168	137956	4.30	ng	# 89
55) 4-Nitrophenol	9.95	139	55227	16.25	ng	# 3
56) 2,4-Dinitrotoluene	9.74	165	60087	7.65	ng	# 26
57) Fluorene	10.28	166	136604	5.21	ng	99
66) 4-Bromophenyl-phenylether	10.53	248	30280	4.99	ng	# 1
70) Phenanthrene	11.25	178	3640645	117.42	ng	96
71) Anthracene	11.30	178	753116	22.85	ng	99
72) Carbazole	11.46	167	457279	15.39	ng	98
74) Fluoranthene	12.45	202	4601063	143.09	ng	93
77) Pyrene	12.68	202	4422443	135.91	ng	97
80) Benzo(a)anthracene	13.86	228	3087615	109.45	ng	96
81) 3,3'-Dichlorobenzidine	13.91	252	22879	2.31	ng	# 1
82) Chrysene	13.91	228	2394287	86.07	ng	94
85) Indeno(1,2,3-cd)pyrene	16.59	276	1571226	68.08	ng	# 92
87) Benzo(b)fluoranthene	14.89	252	4981439	167.44	ng	96
88) Benzo(k)fluoranthene	14.97	252	456144	17.48	ng	94
89) Benzo(a)pyrene	15.22	252	2409312	93.03	ng	95
90) Dibenzo(a,h)anthracene	16.59	278	484151	21.62	ng	96
91) Benzo(g,h,i)perylene	16.99	276	1328794	65.63	ng	96

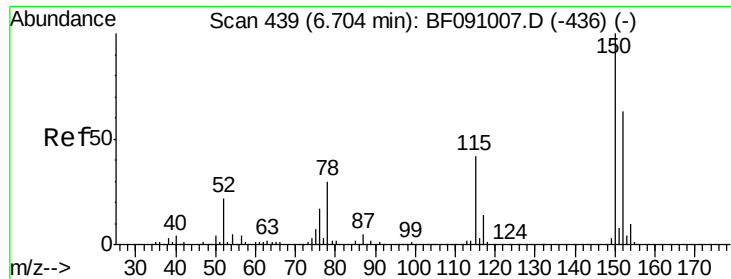
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091036.D
Acq On : 4 Nov 2016 22:30
Operator : UM/SJ
Sample : H5526-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-99-1.0-1.5

Quant Time: Nov 04 23:27:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5

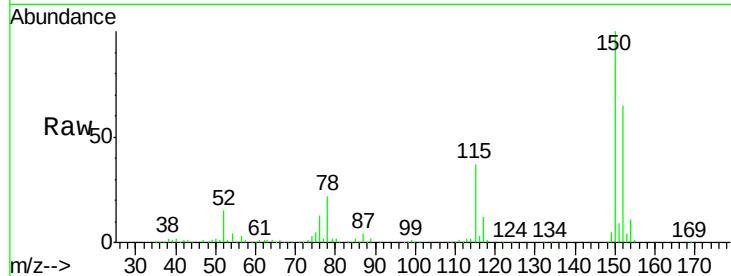
Tgt Ion:152 Resp: 227348

Ion Ratio Lower Upper

152 100

150 154.3 126.8 190.2

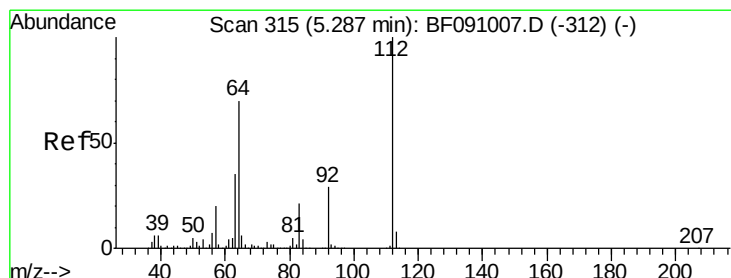
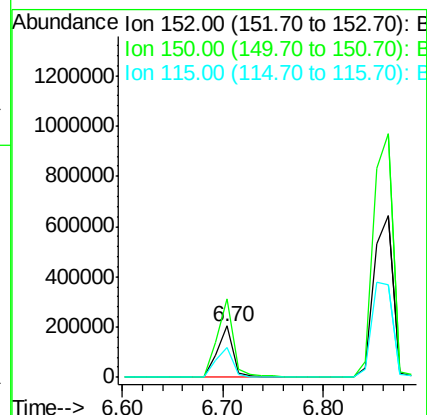
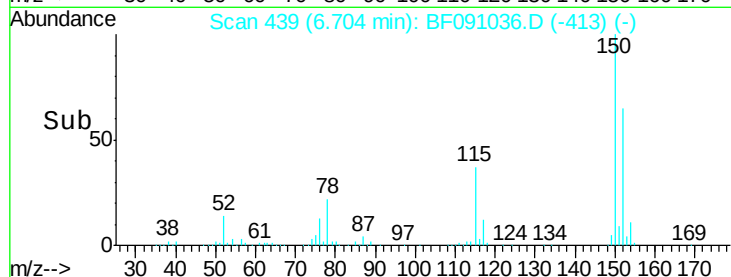
115 57.6 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 134.48 ng

RT: 5.31 min Scan# 317

Delta R.T. 0.02 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

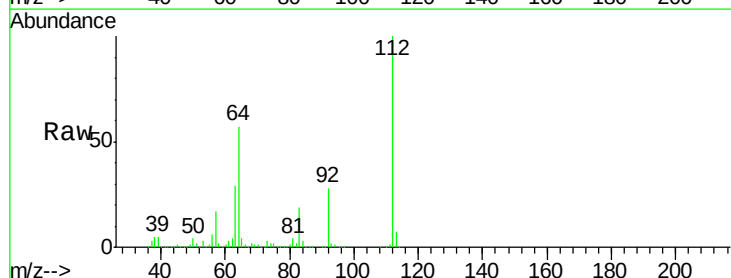
Tgt Ion:112 Resp: 1851184

Ion Ratio Lower Upper

112 100

64 57.2 55.8 83.6

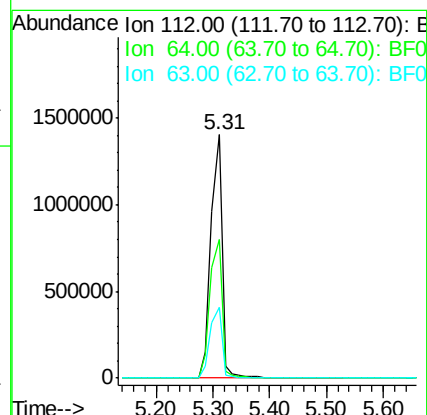
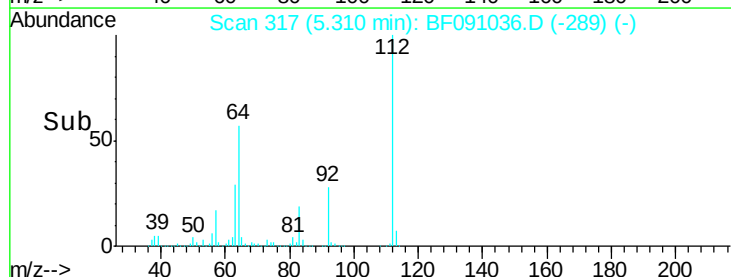
63 29.1 28.0 42.0

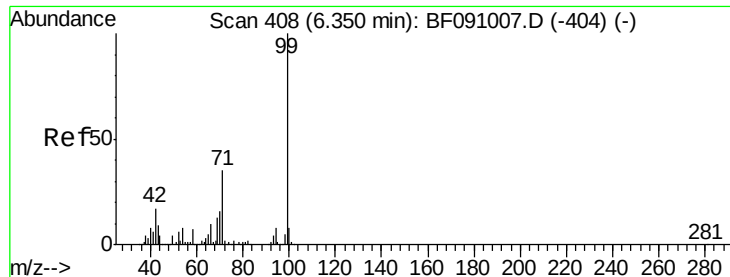


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.93 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5

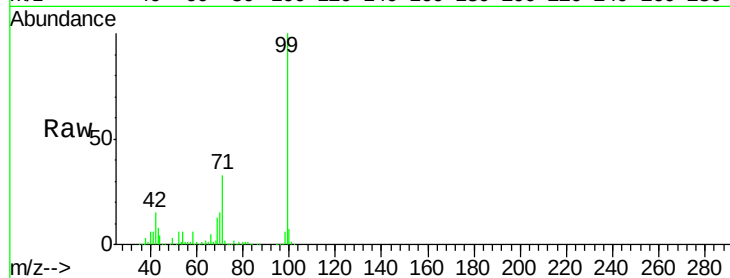
Tgt Ion: 99 Resp: 2054047

Ion Ratio Lower Upper

99 100

42 15.4 13.9 20.9

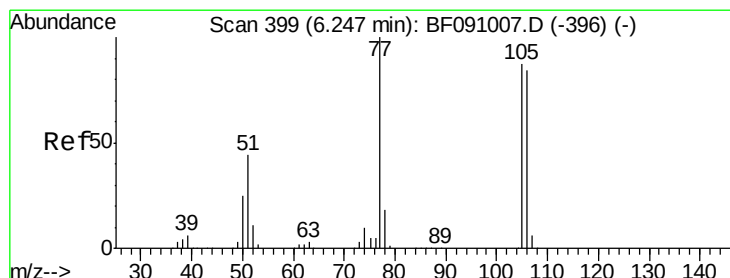
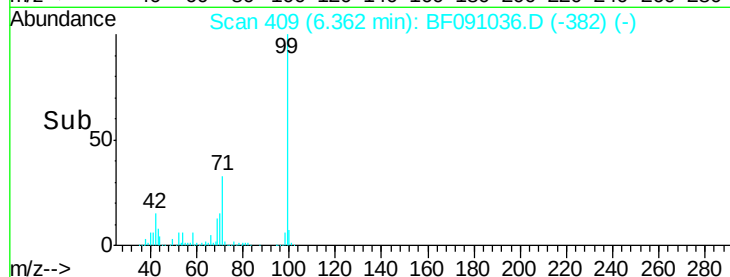
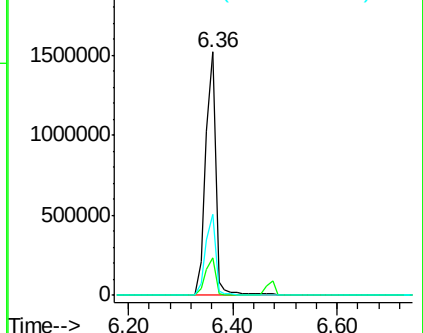
71 33.3 27.8 41.8



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: 3.98 ng

RT: 6.48 min Scan# 419

Delta R.T. 0.23 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

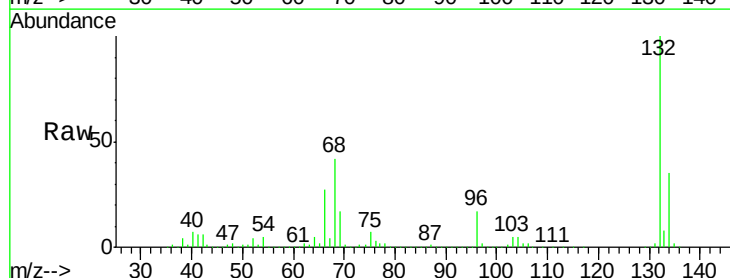
Tgt Ion: 77 Resp: 41229

Ion Ratio Lower Upper

77 100

105 80.2 66.8 106.8

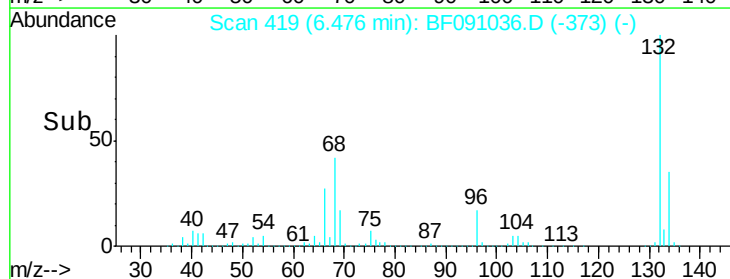
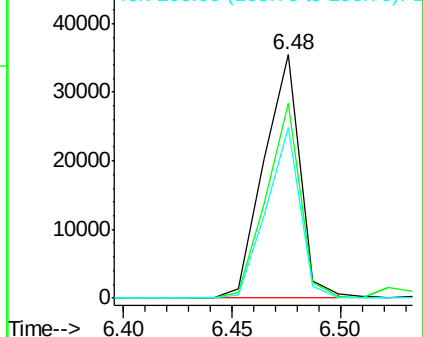
106 70.3 64.0 104.0

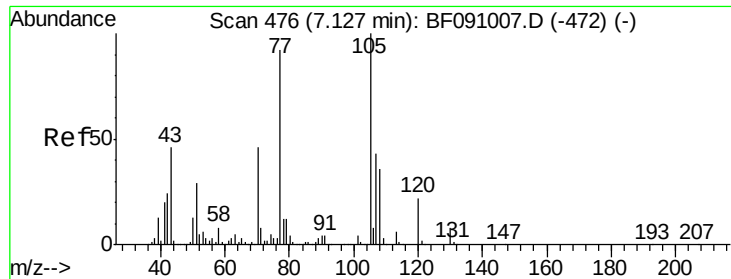


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

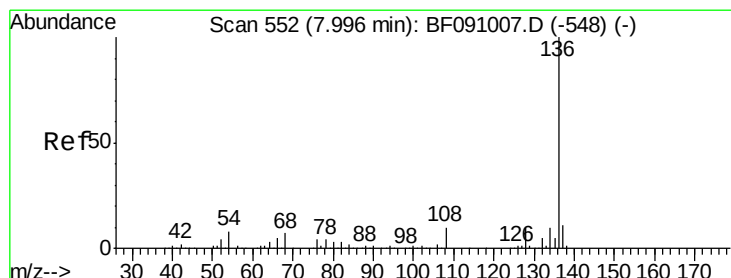
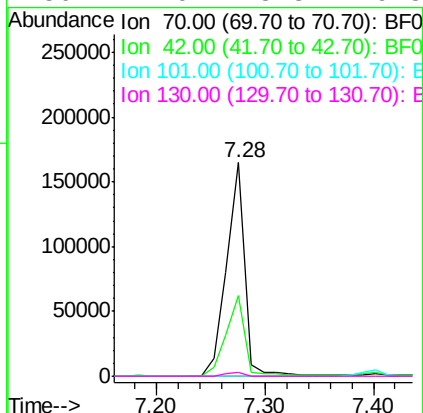
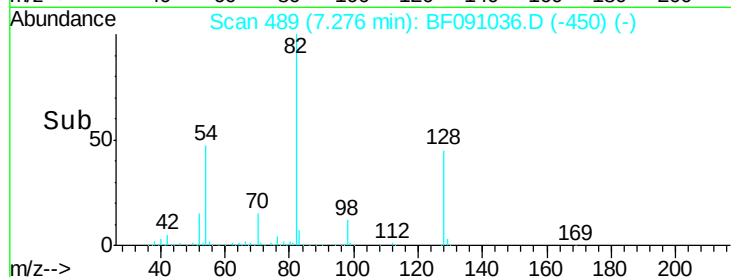
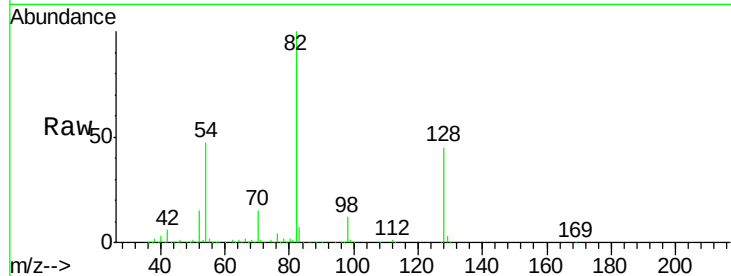




#19
n-Nitroso-di-n-propylamine
Concen: 14.84 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.15 min
Lab File: BF091036.D
Acq: 4 Nov 2016 22:30

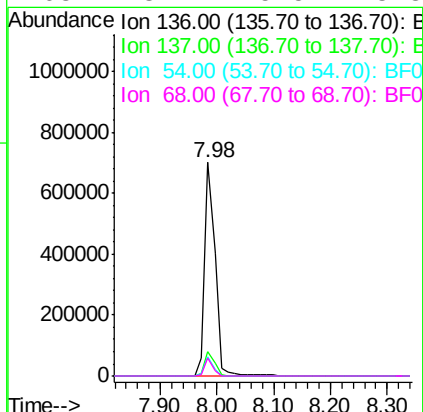
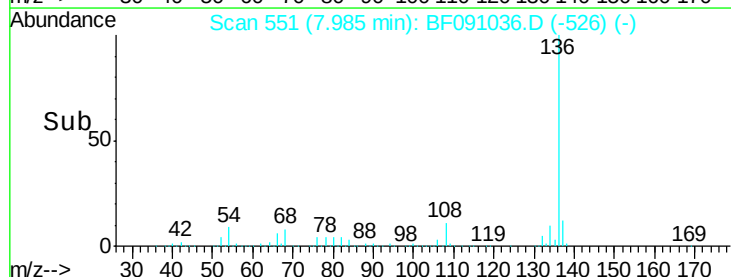
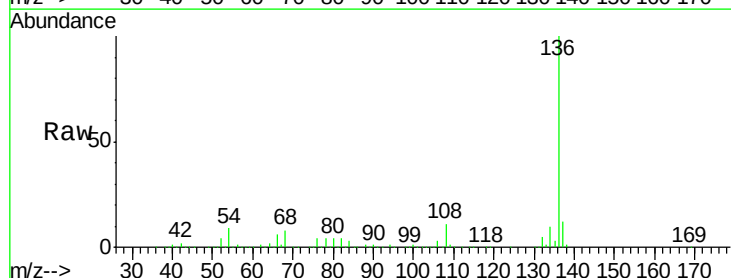
Instrument :
BNA_F
ClientSampleId :
SB-99-1.0-1.5

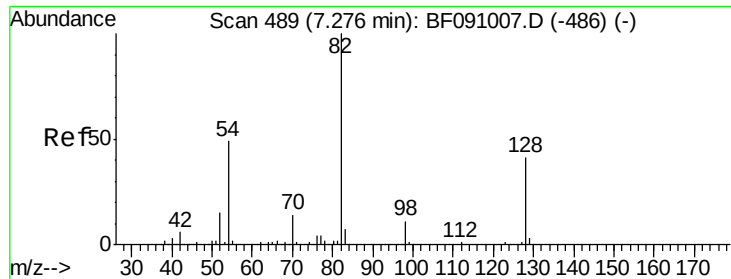
Tgt Ion: 70 Resp: 192084
Ion Ratio Lower Upper
70 100
42 37.7 41.7 62.5#
101 0.0 6.7 10.1#
130 2.0 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF091036.D
Acq: 4 Nov 2016 22:30

Tgt Ion: 136 Resp: 851889
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 9.1 6.2 9.2
68 8.4 5.5 8.3#

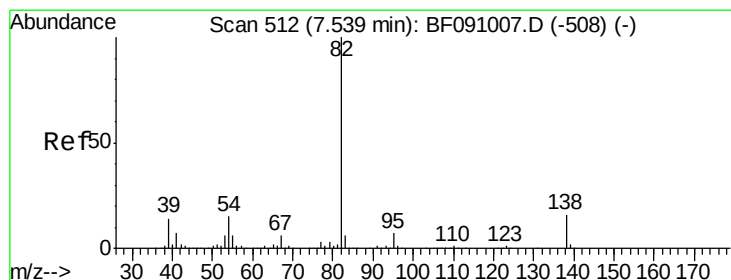
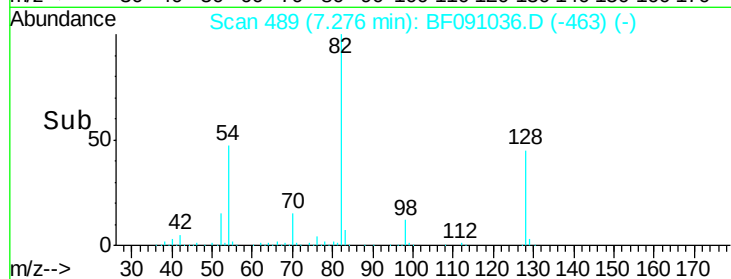
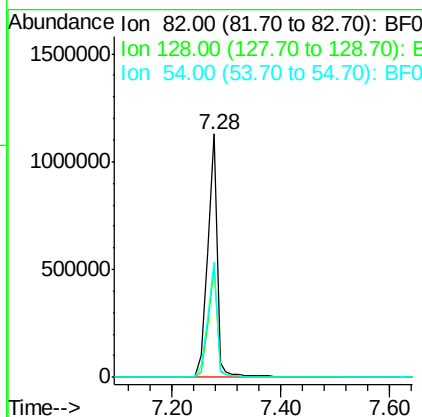
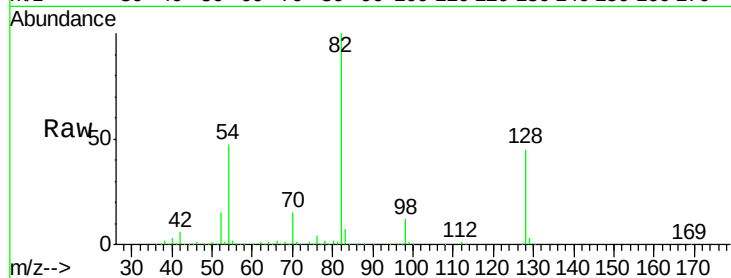




#23
 Nitrobenzene-d5
 Concen: 87.69 ng
 RT: 7.28 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF091036.D
 Acq: 4 Nov 2016 22:30

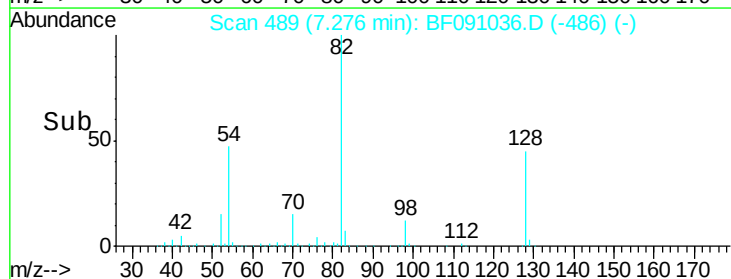
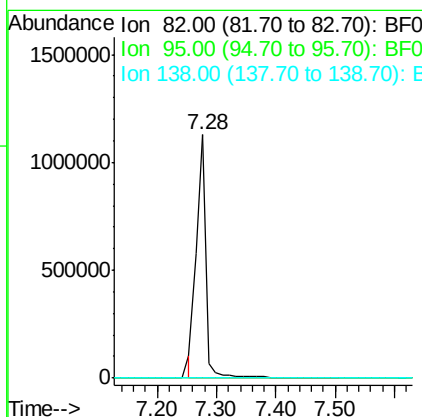
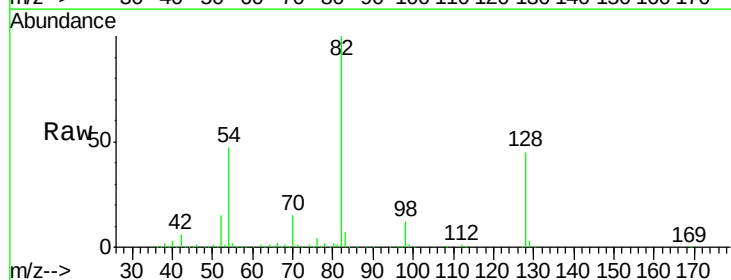
Instrument :
 BNA_F
 ClientSampleId :
 SB-99-1.0-1.5

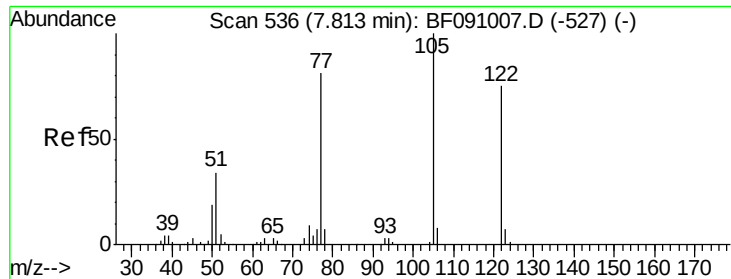
Tgt Ion: 82 Resp: 1369357
 Ion Ratio Lower Upper
 82 100
 128 45.4 32.4 48.6
 54 47.3 39.2 58.8



#25
 Isophorone
 Concen: 42.24 ng
 RT: 7.28 min Scan# 489
 Delta R.T. -0.26 min
 Lab File: BF091036.D
 Acq: 4 Nov 2016 22:30

Tgt Ion: 82 Resp: 1271194
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 13.0 19.4#

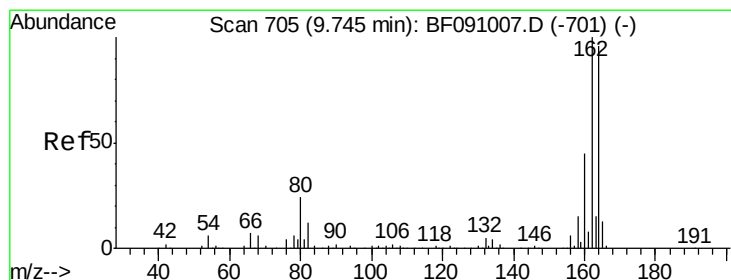
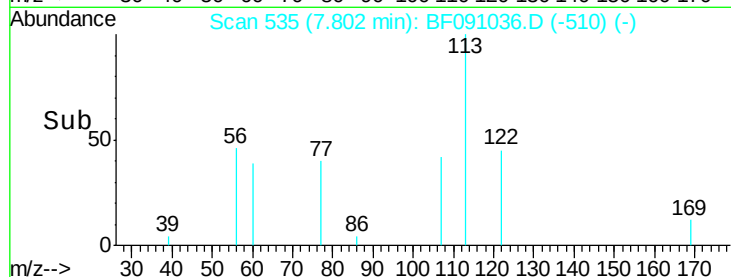
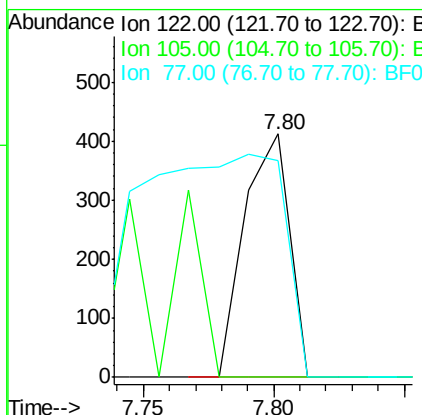
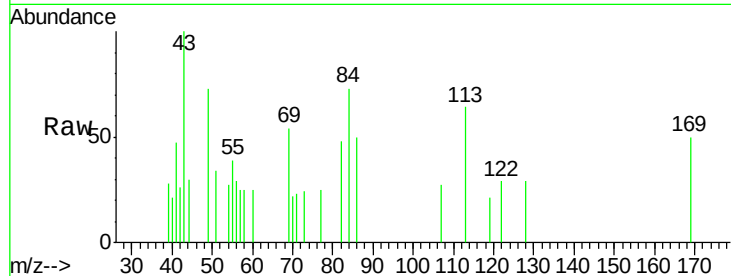




#32
Benzoic acid
Concen: 5.12 ng
RT: 7.80 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF091036.D
Acq: 4 Nov 2016 22:30

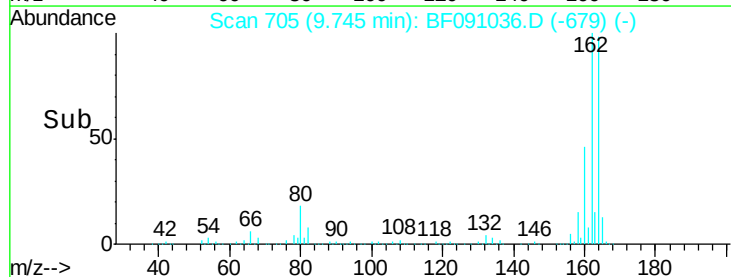
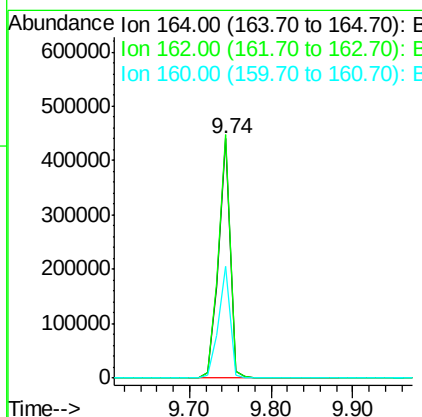
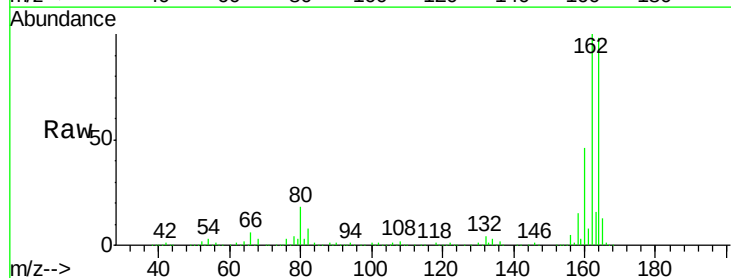
Instrument :
BNA_F
ClientSampleId :
SB-99-1.0-1.5

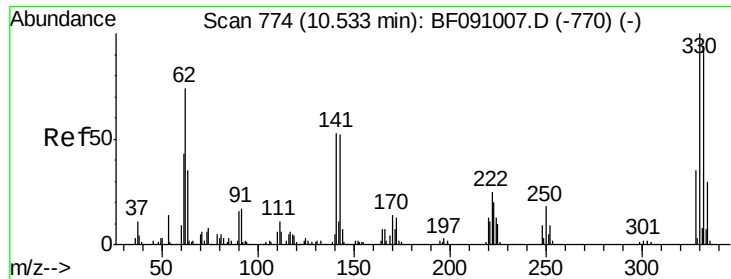
Tgt Ion:122 Resp: 501
Ion Ratio Lower Upper
122 100
105 0.0 105.9 145.9#
77 89.1 84.0 124.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091036.D
Acq: 4 Nov 2016 22:30

Tgt Ion:164 Resp: 439270
Ion Ratio Lower Upper
164 100
162 101.6 83.6 125.4
160 46.4 37.9 56.9

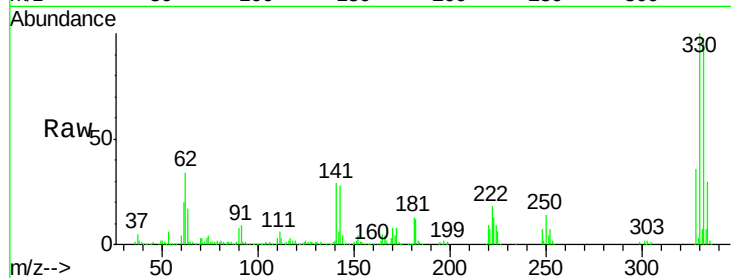




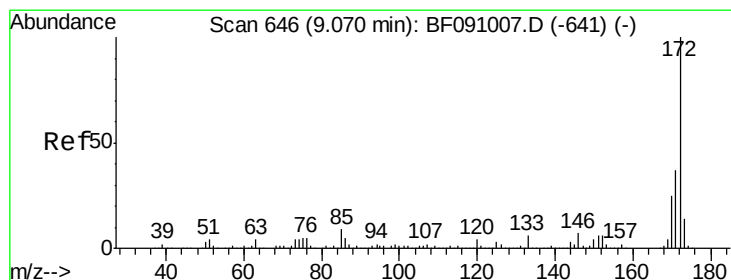
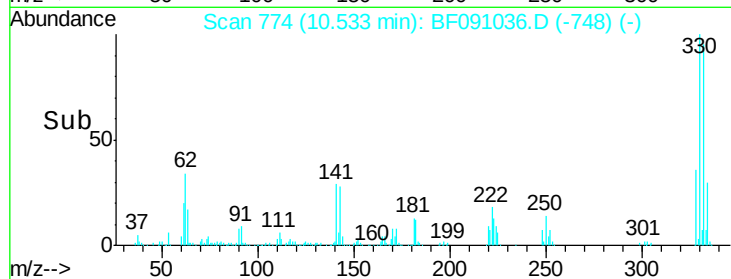
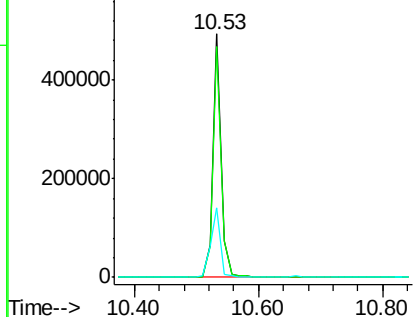
#41
 2,4,6-Tribromophenol
 Concen: 113.24 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF091036.D
 Acq: 4 Nov 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-99-1.0-1.5

Tgt Ion:330 Resp: 449724
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.9 113.9
 141 33.5 36.1 54.1#

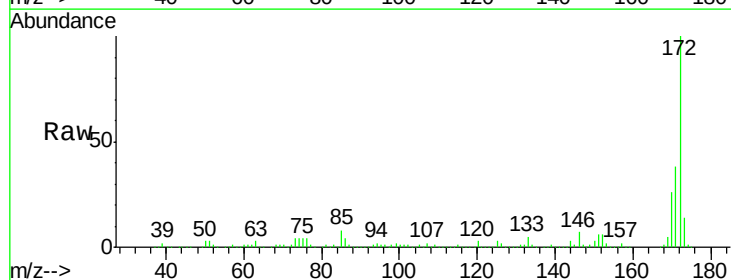


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

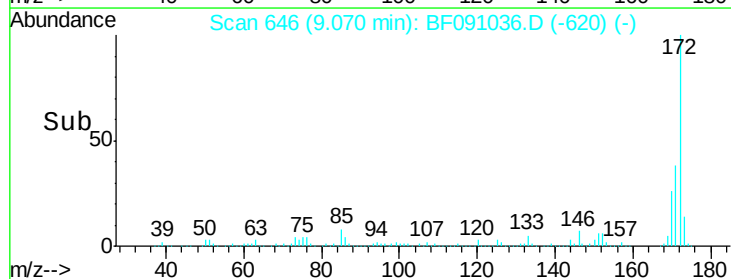
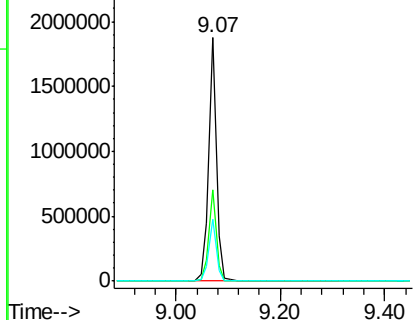


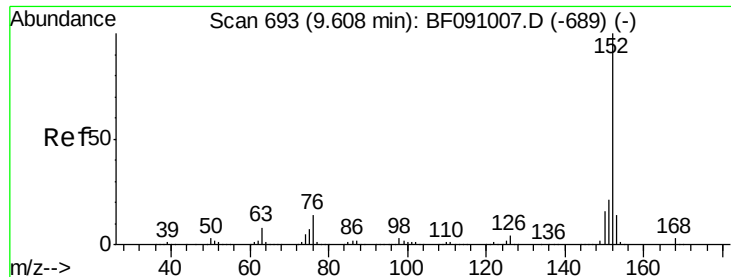
#44
 2-Fluorobiphenyl
 Concen: 75.35 ng
 RT: 9.07 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF091036.D
 Acq: 4 Nov 2016 22:30

Tgt Ion:172 Resp: 1922576
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.6 20.3 30.5



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





#48

Acenaphthylene

Concen: 3.19 ng

RT: 9.60 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5

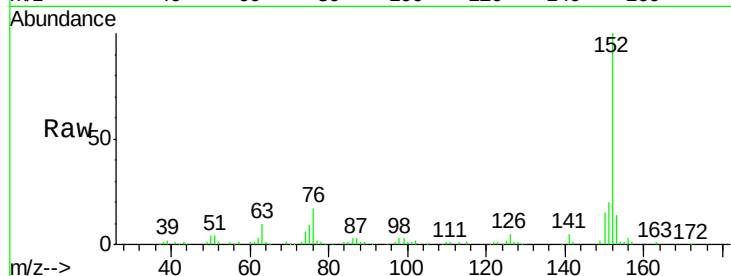
Tgt Ion:152 Resp: 121233

Ion Ratio Lower Upper

152 100

151 19.6 16.7 25.1

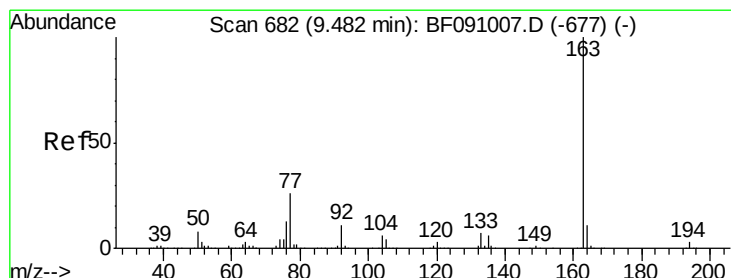
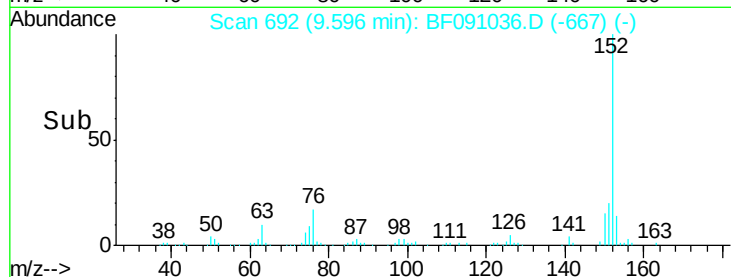
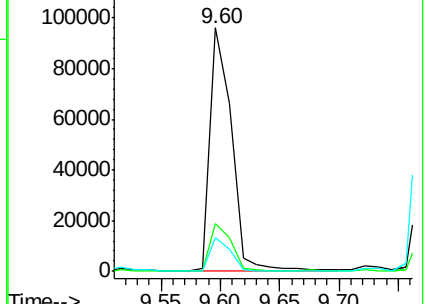
153 13.9 11.1 16.7



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: 24.00 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

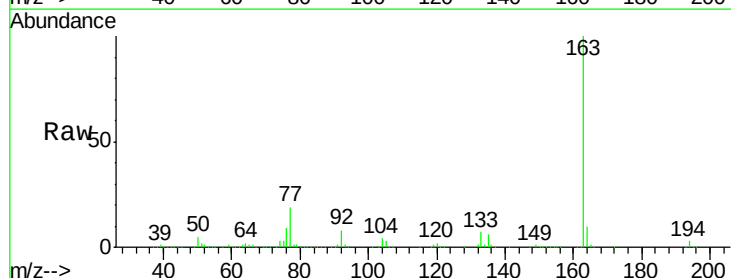
Tgt Ion:163 Resp: 691257

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

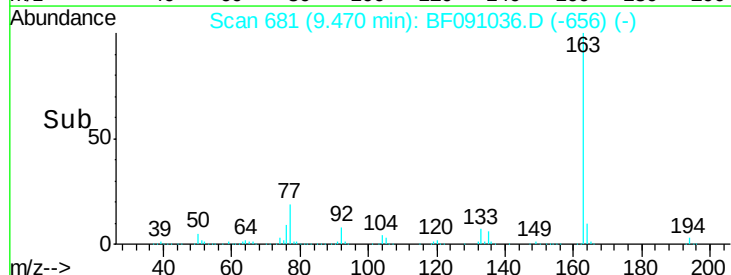
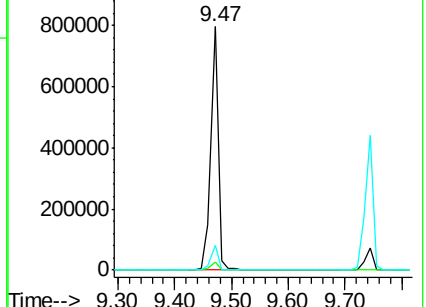
164 10.2 8.7 13.1

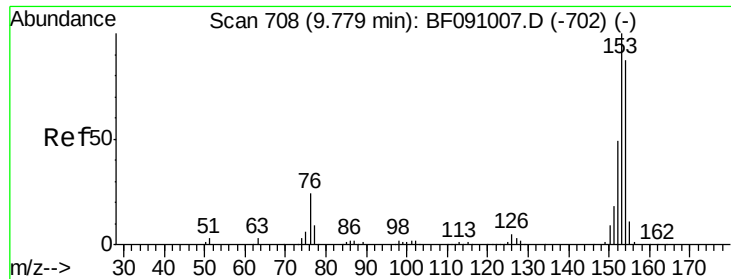


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.77 ng

RT: 9.77 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5

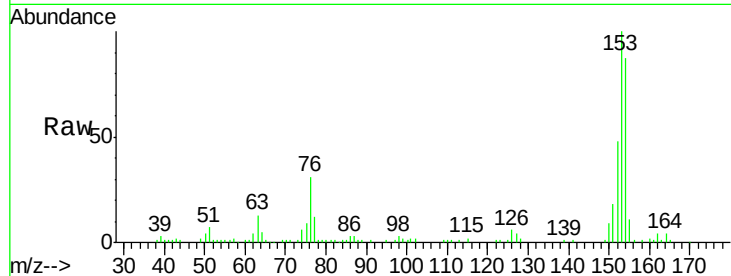
Tgt Ion:154 Resp: 89915

Ion Ratio Lower Upper

154 100

153 115.4 91.6 137.4

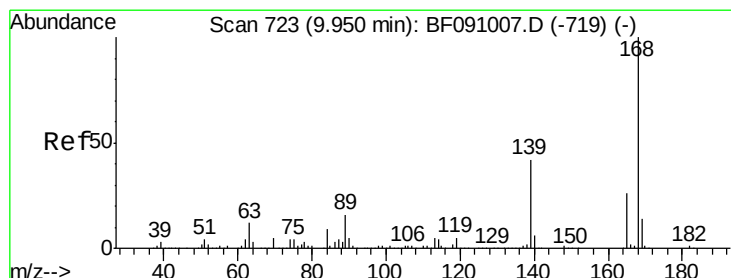
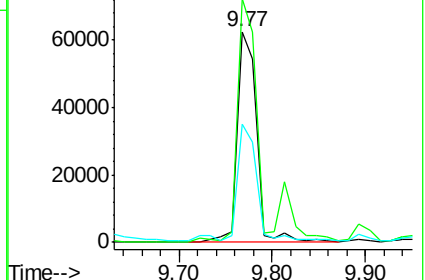
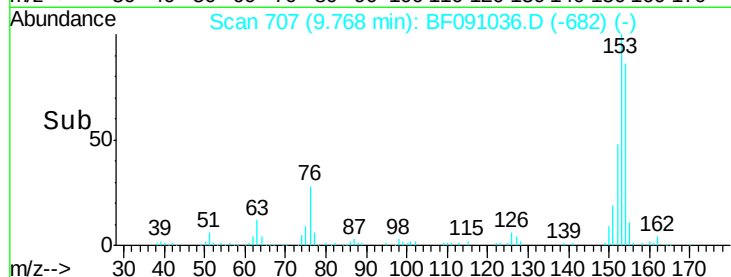
152 55.7 44.6 67.0



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: 4.30 ng

RT: 9.95 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

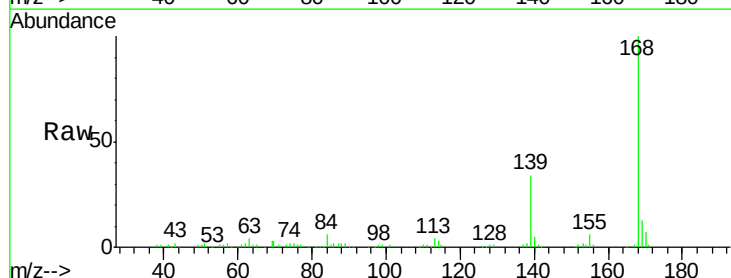
Tgt Ion:168 Resp: 137956

Ion Ratio Lower Upper

168 100

139 34.3 34.8 52.2#

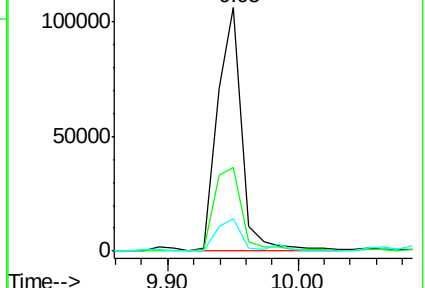
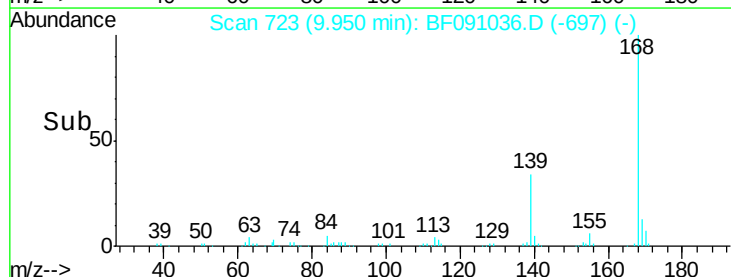
169 13.5 11.4 17.2

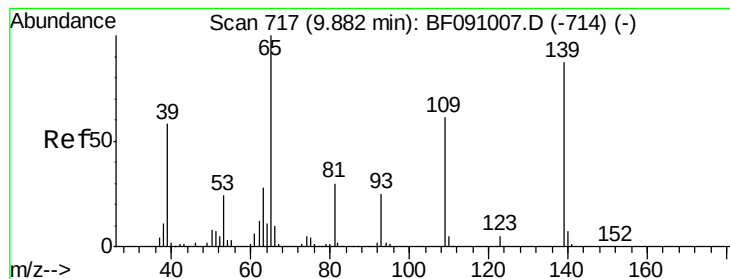


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 16.25 ng

RT: 9.95 min Scan# 723

Delta R.T. 0.07 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5

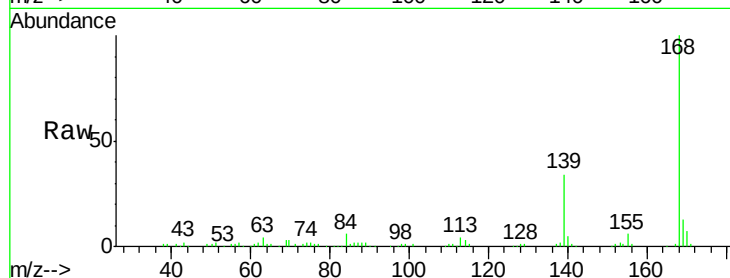
Tgt Ion:139 Resp: 55227

Ion Ratio Lower Upper

139 100

109 1.1 50.5 90.5#

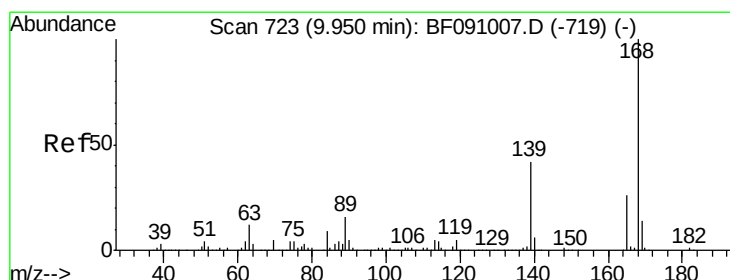
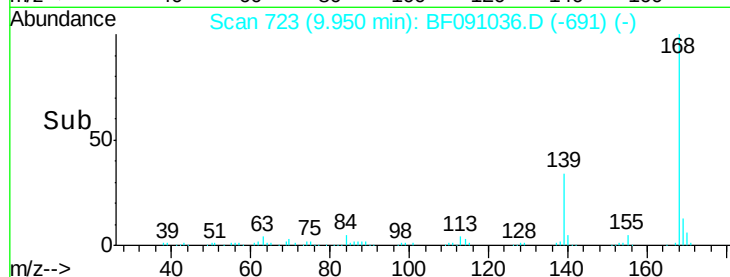
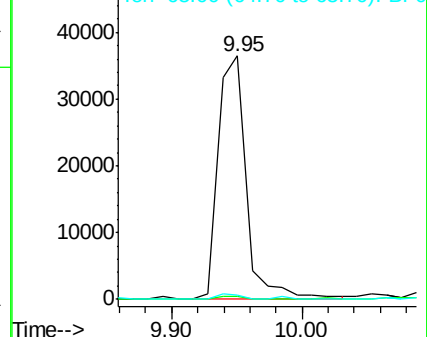
65 1.6 97.1 137.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 7.65 ng

RT: 9.74 min Scan# 705

Delta R.T. -0.21 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

Tgt Ion:165 Resp: 60087

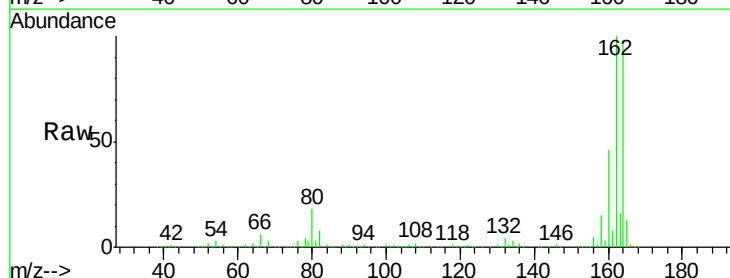
Ion Ratio Lower Upper

165 100

63 1.0 38.7 58.1#

89 1.0 50.6 76.0#

182 0.0 1.8 2.8#

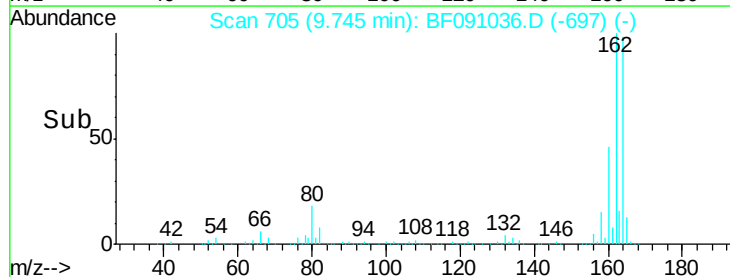
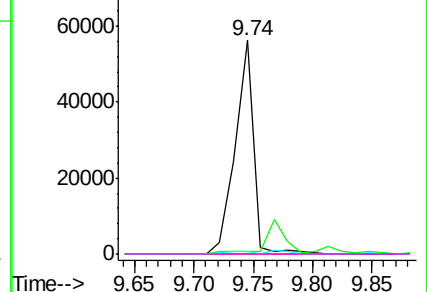


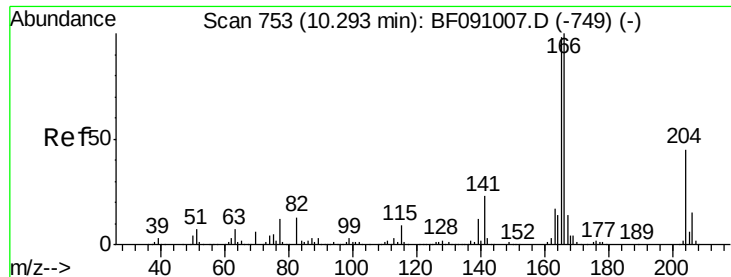
Abundance Ion 165.00 (164.70 to 165.70): E

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

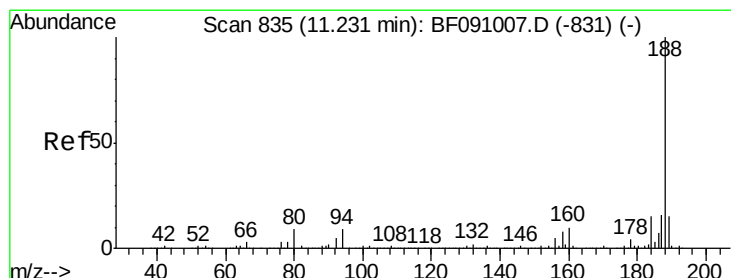
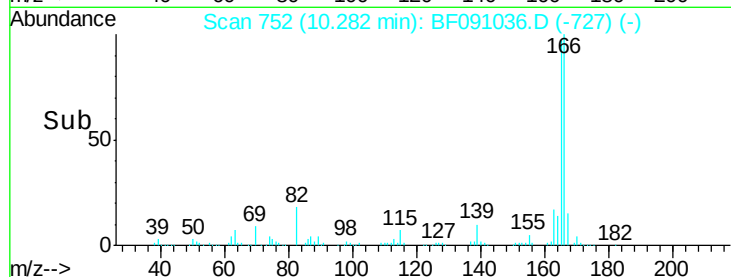
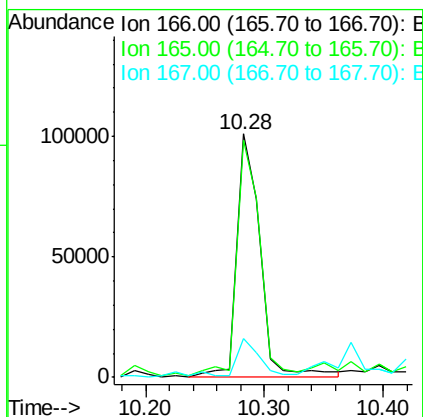
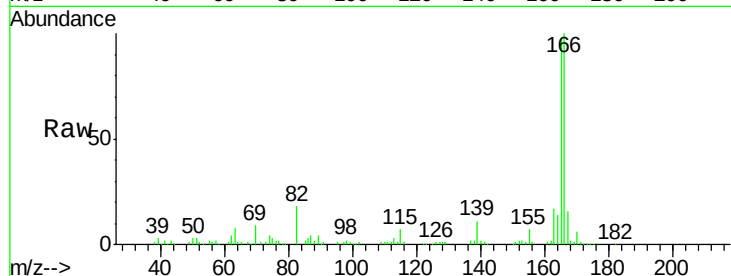




#57
Fluorene
 Concen: 5.21 ng
 RT: 10.28 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF091036.D
 Acq: 4 Nov 2016 22:30

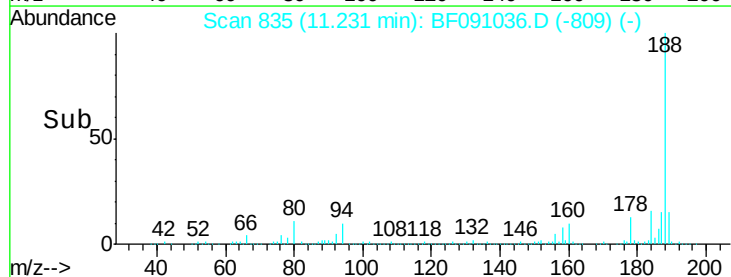
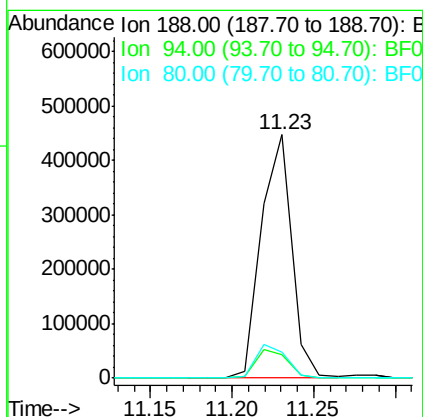
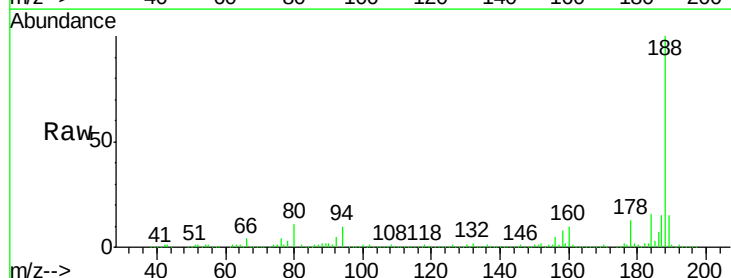
Instrument :
 BNA_F
 ClientSampleId :
 SB-99-1.0-1.5

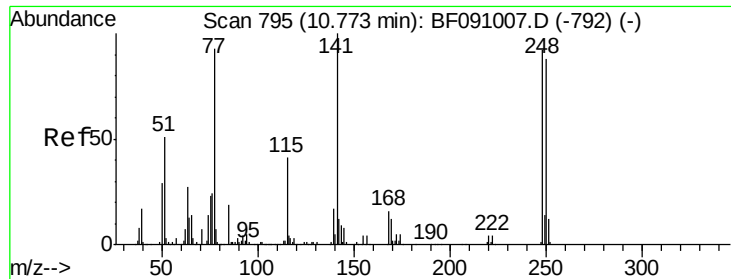
Tgt Ion:166 Resp: 136604
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.6 118.0
 167 15.8 11.1 16.7



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF091036.D
 Acq: 4 Nov 2016 22:30

Tgt Ion:188 Resp: 583242
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.0 10.4
 80 10.5 7.5 11.3

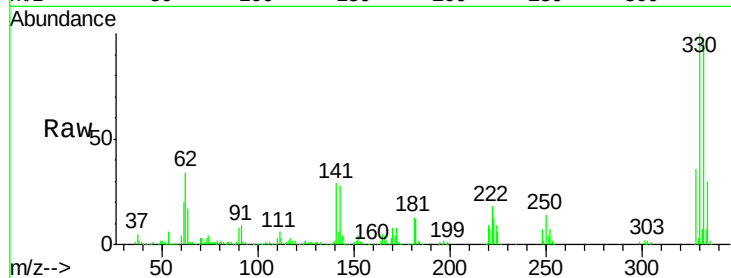




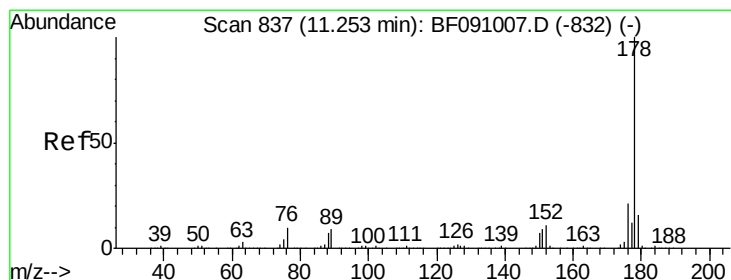
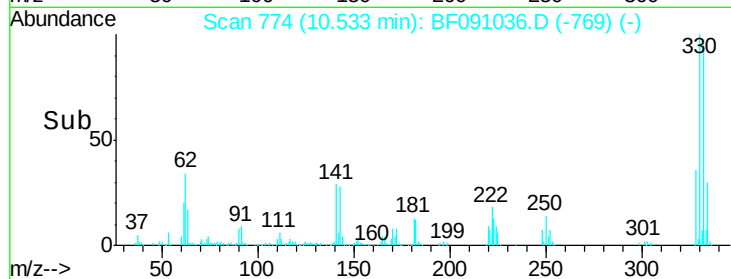
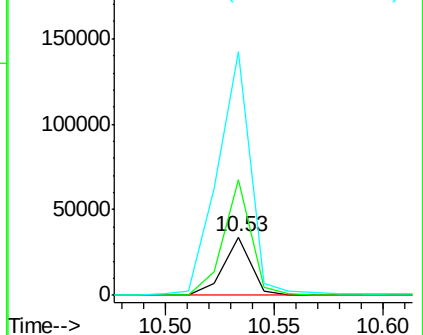
#66
4-Bromophenyl-phenylether
Concen: 4.99 ng
RT: 10.53 min Scan# 774
Delta R.T. -0.24 min
Lab File: BF091036.D
Acq: 4 Nov 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SB-99-1.0-1.5

Tgt Ion: 248 Resp: 30280
Ion Ratio Lower Upper
248 100
250 198.1 76.3 114.5#
141 416.2 86.8 130.2#

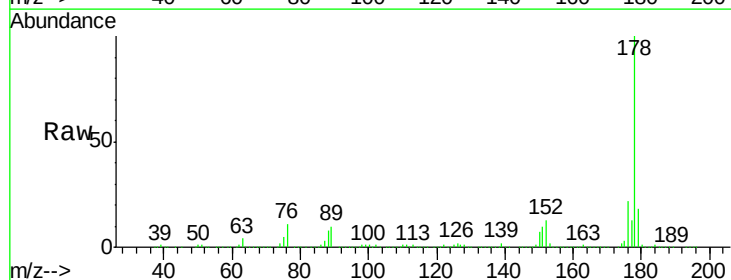


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

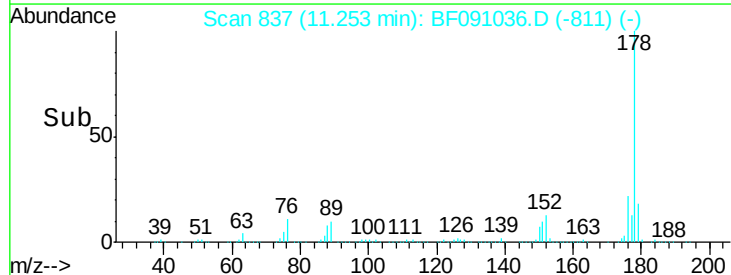
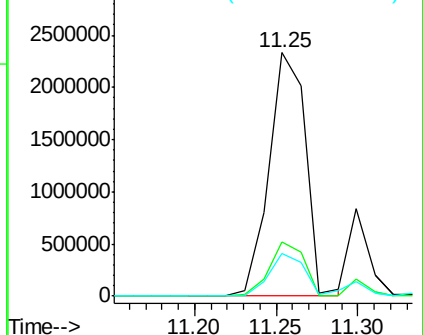


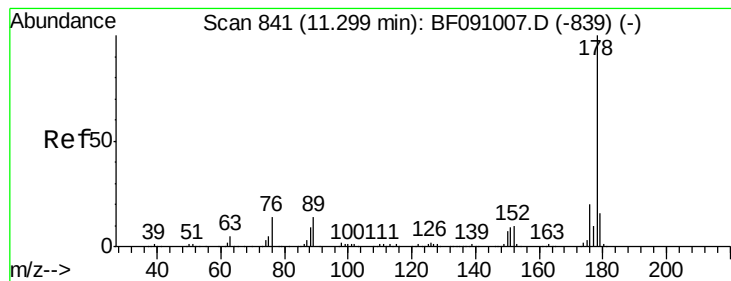
#70
Phenanthrene
Concen: 117.42 ng
RT: 11.25 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF091036.D
Acq: 4 Nov 2016 22:30

Tgt Ion: 178 Resp: 3640645
Ion Ratio Lower Upper
178 100
176 22.5 16.6 25.0
179 17.6 12.9 19.3



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: 22.85 ng

RT: 11.30 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5

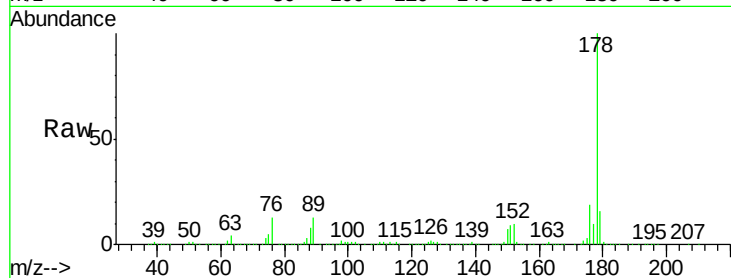
Tgt Ion:178 Resp: 753116

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

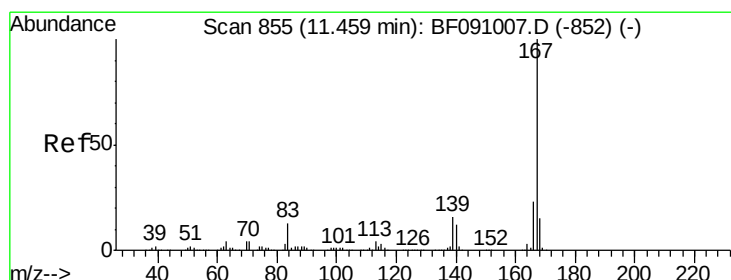
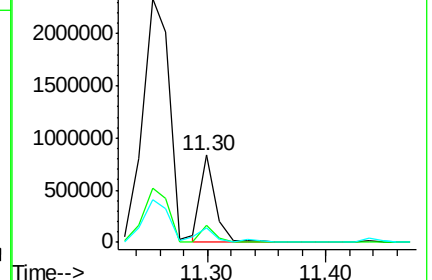
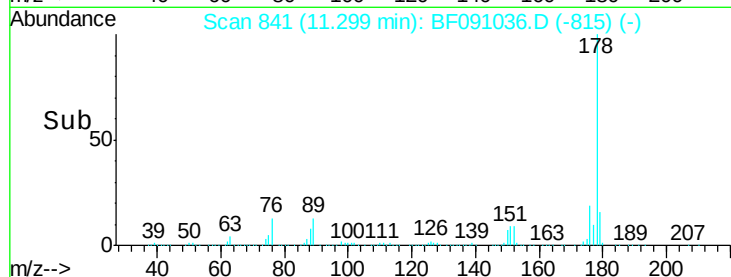
179 16.3 13.0 19.6



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



#72

Carbazole

Concen: 15.39 ng

RT: 11.46 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

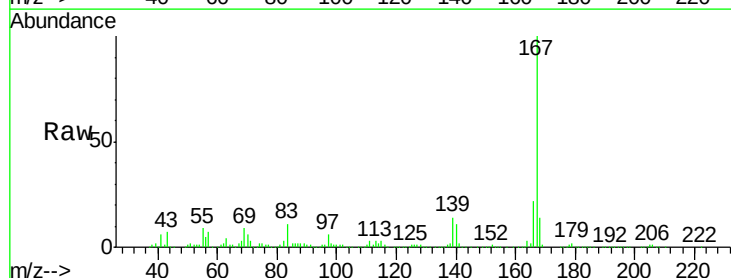
Tgt Ion:167 Resp: 457279

Ion Ratio Lower Upper

167 100

166 22.0 18.0 27.0

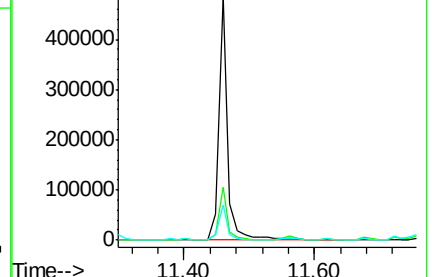
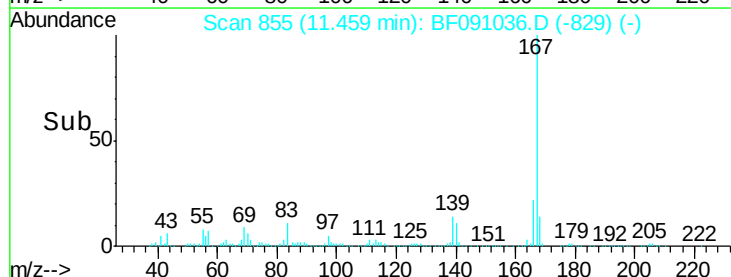
139 14.3 12.6 18.8

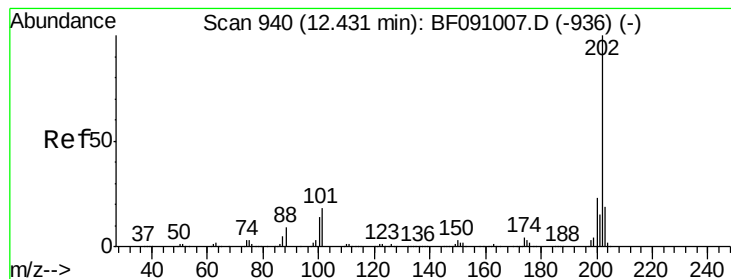


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 143.09 ng

RT: 12.45 min Scan# 942

Delta R.T. 0.02 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5

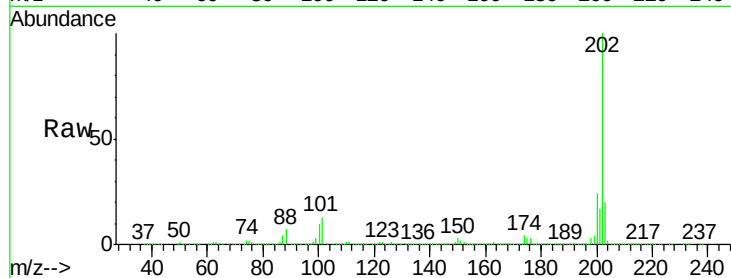
Tgt Ion:202 Resp: 4601063

Ion Ratio Lower Upper

202 100

101 13.0 0.0 37.6

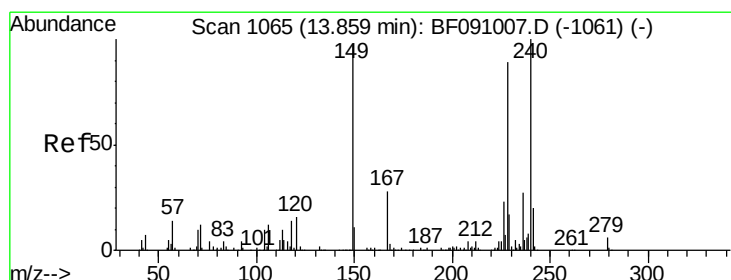
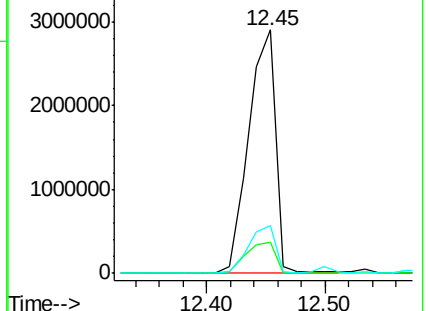
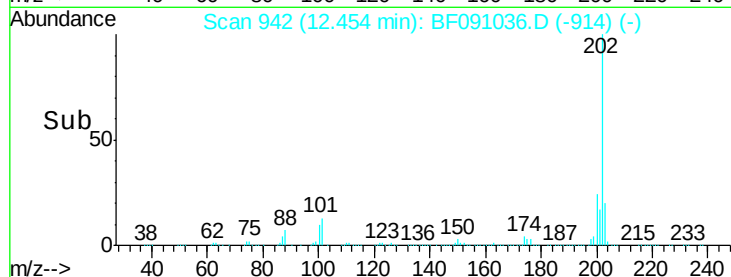
203 19.9 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1066

Delta R.T. 0.01 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

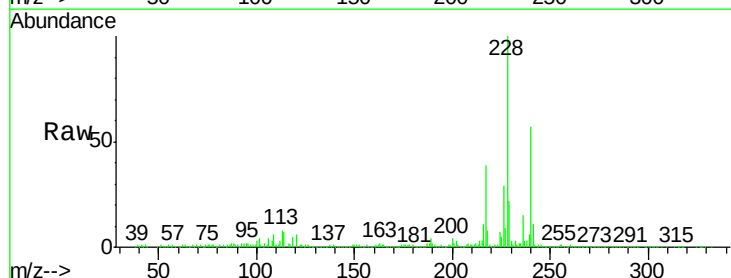
Tgt Ion:240 Resp: 496879

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

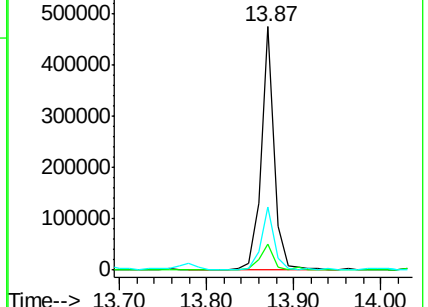
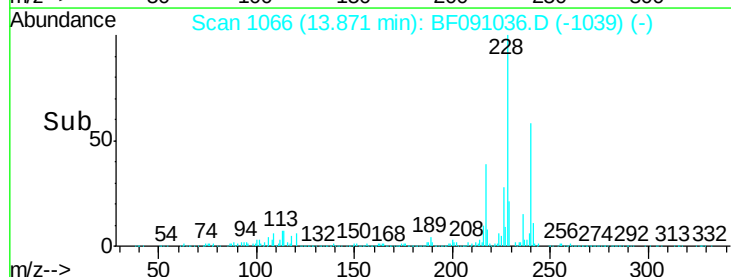
236 26.2 21.9 32.9

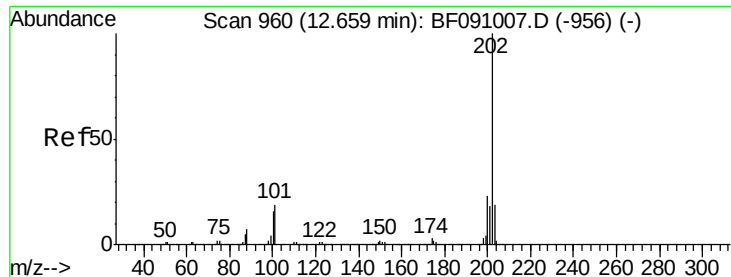


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

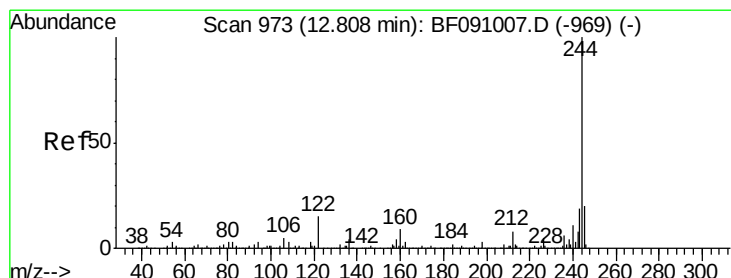
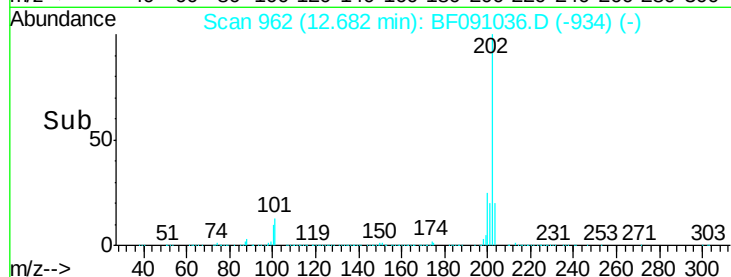
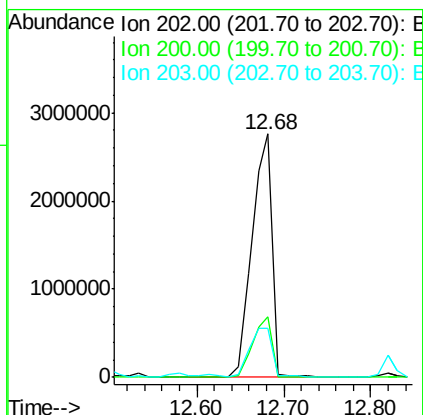
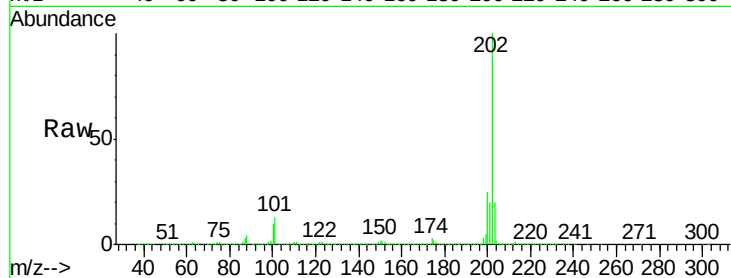




#77
 Pyrene
 Concen: 135.91 ng
 RT: 12.68 min Scan# 962
 Delta R.T. 0.02 min
 Lab File: BF091036.D
 Acq: 4 Nov 2016 22:30

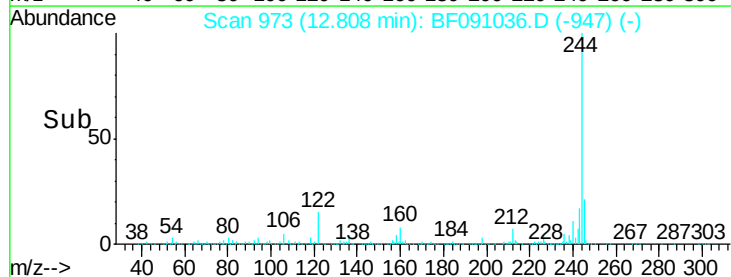
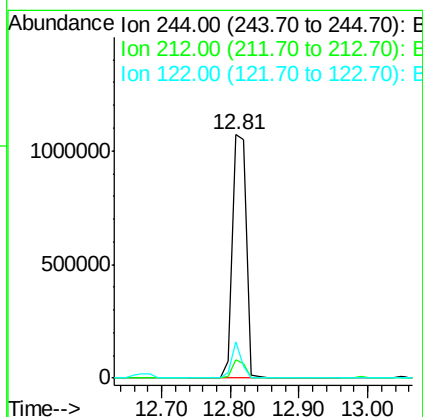
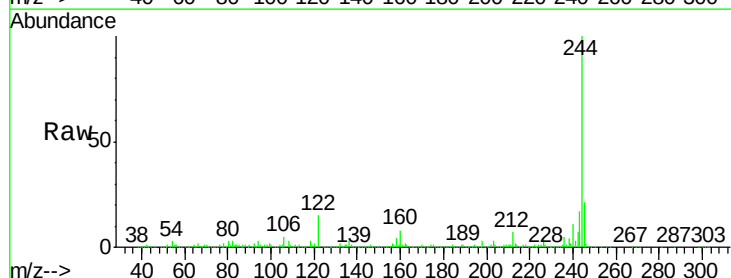
Instrument :
 BNA_F
 ClientSampleId :
 SB-99-1.0-1.5

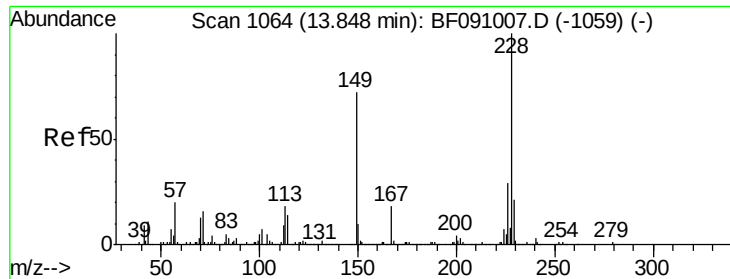
Tgt Ion:202 Resp: 4422443
 Ion Ratio Lower Upper
 202 100
 200 24.8 18.4 27.6
 203 20.1 15.0 22.6



#78
 Terphenyl-d14
 Concen: 77.05 ng
 RT: 12.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF091036.D
 Acq: 4 Nov 2016 22:30

Tgt Ion:244 Resp: 1534191
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 15.1 12.3 18.5





#80

Benzo(a)anthracene

Concen: 109.45 ng

RT: 13.86 min Scan# 1065

Delta R.T. 0.01 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5

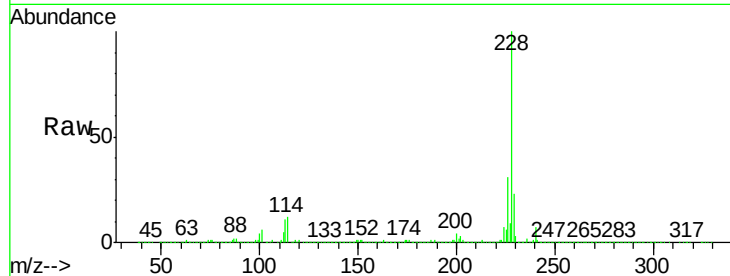
Tgt Ion:228 Resp: 3087615

Ion Ratio Lower Upper

228 100

226 30.5 23.0 34.6

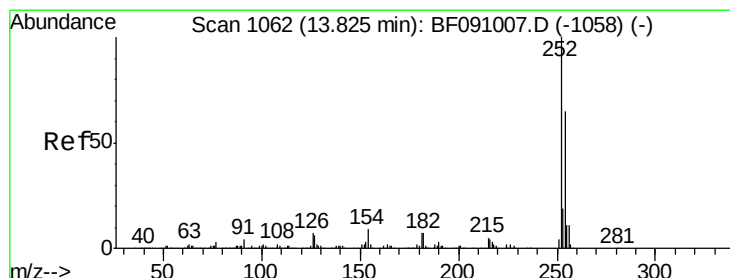
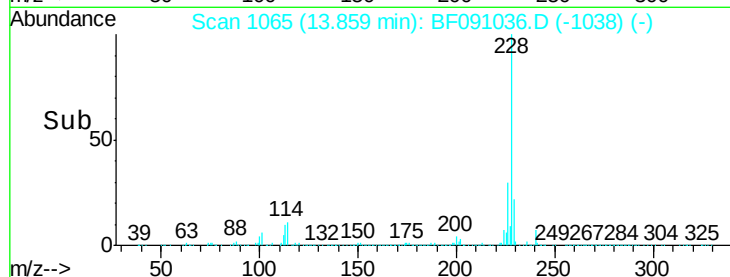
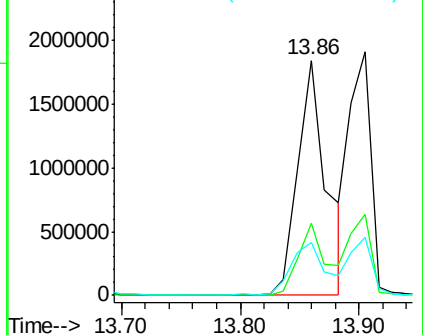
229 22.6 16.6 24.8



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: 2.31 ng

RT: 13.91 min Scan# 1069

Delta R.T. 0.08 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

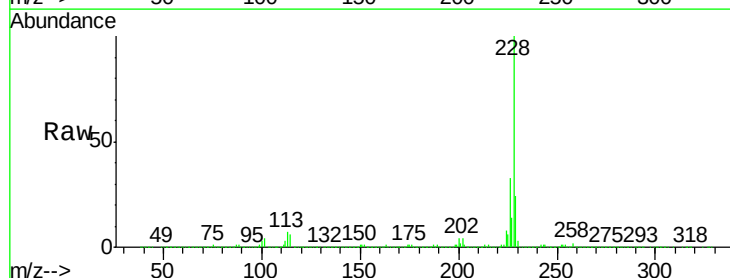
Tgt Ion:252 Resp: 22879

Ion Ratio Lower Upper

252 100

254 150.1 52.0 78.0#

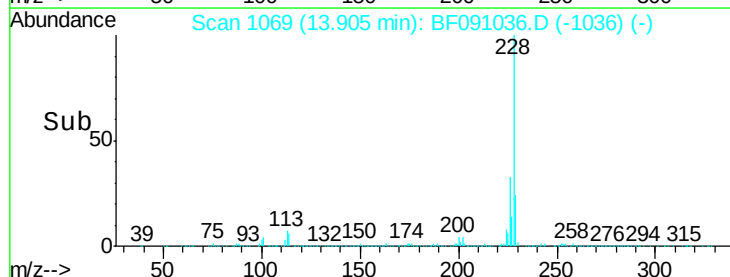
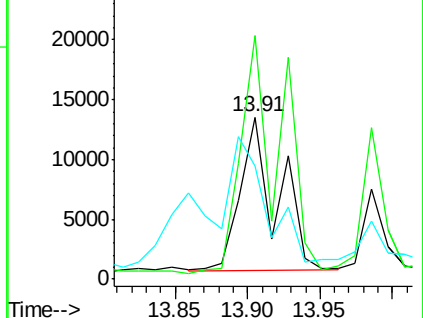
126 69.3 5.4 8.2#

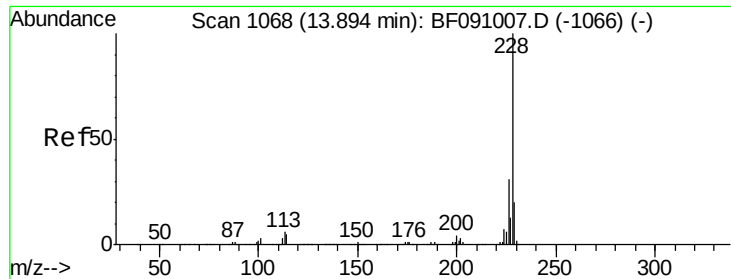


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 86.07 ng

RT: 13.91 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5

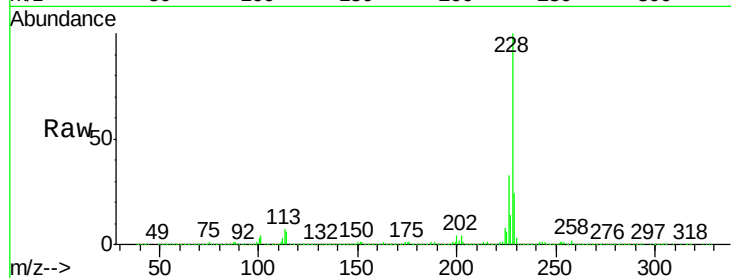
Tgt Ion:228 Resp: 2394287

Ion Ratio Lower Upper

228 100

226 33.5 24.9 37.3

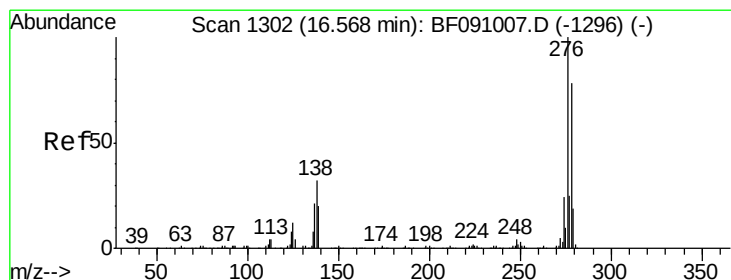
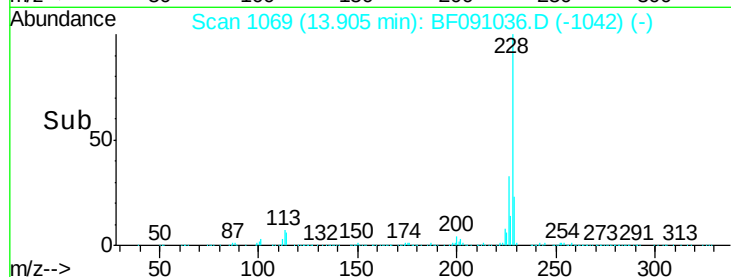
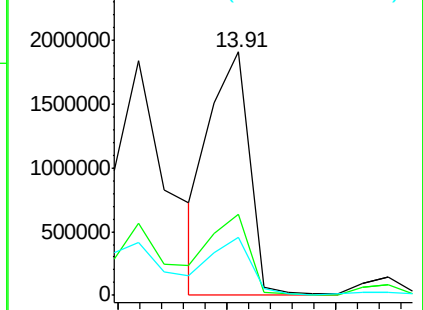
229 23.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 68.08 ng

RT: 16.59 min Scan# 1304

Delta R.T. 0.02 min

Lab File: BF091036.D

Acq: 4 Nov 2016 22:30

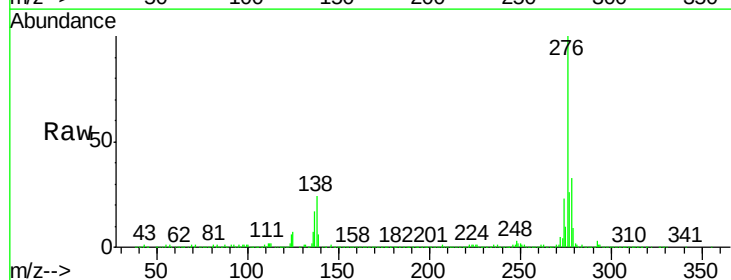
Tgt Ion:276 Resp: 1571226

Ion Ratio Lower Upper

276 100

138 24.8 26.0 39.0#

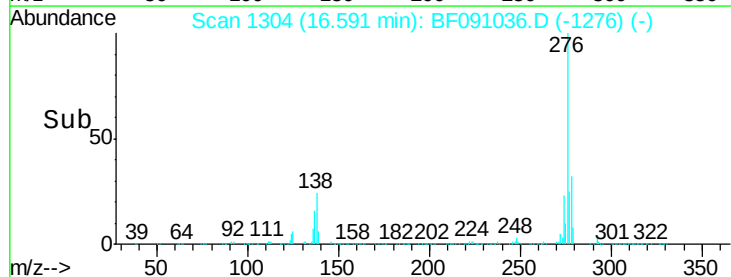
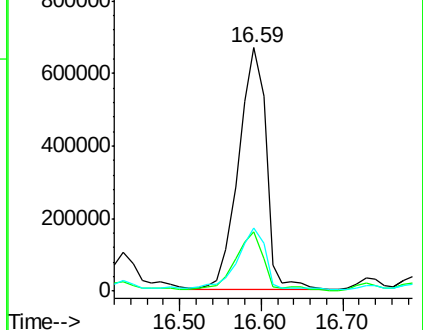
277 24.9 20.1 30.1

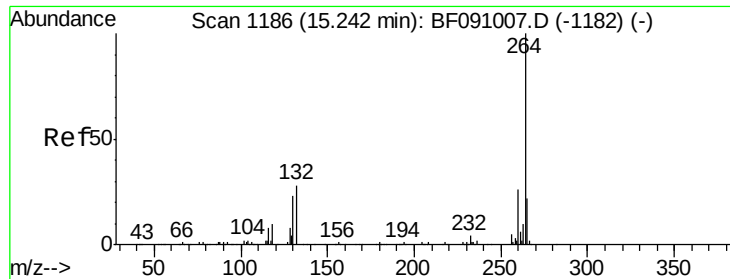


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

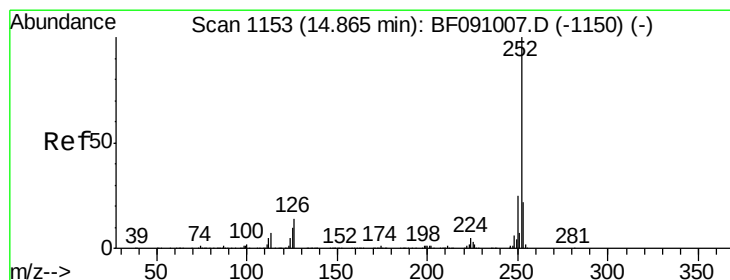
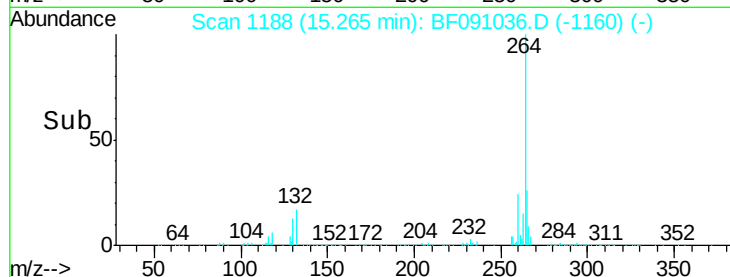
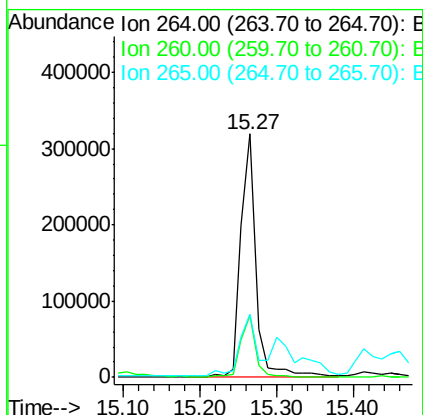
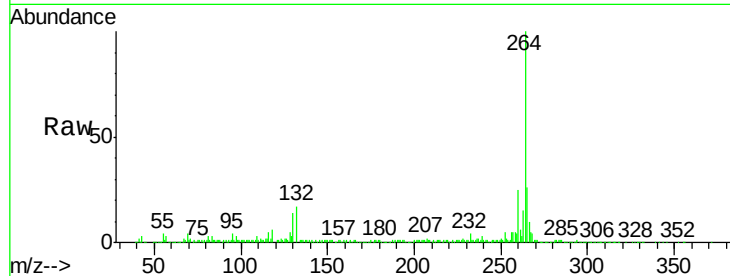




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BF091036.D
Acq: 4 Nov 2016 22:30

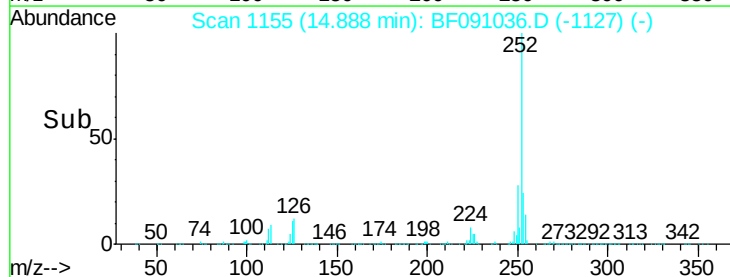
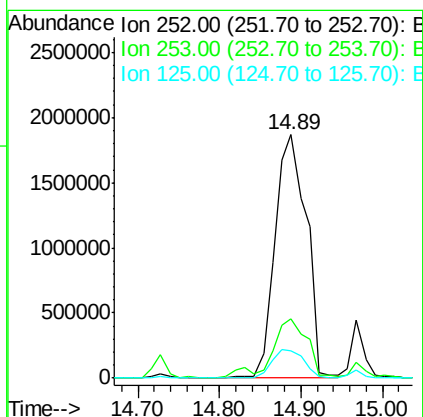
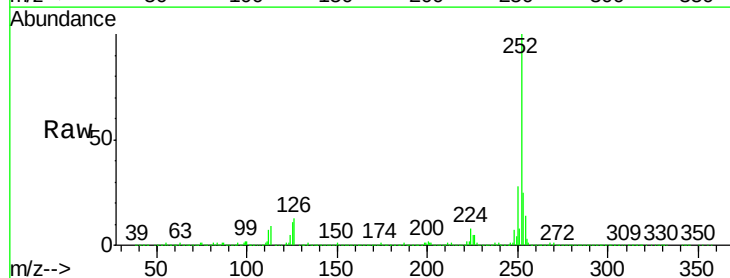
Instrument :
BNA_F
ClientSampleId :
SB-99-1.0-1.5

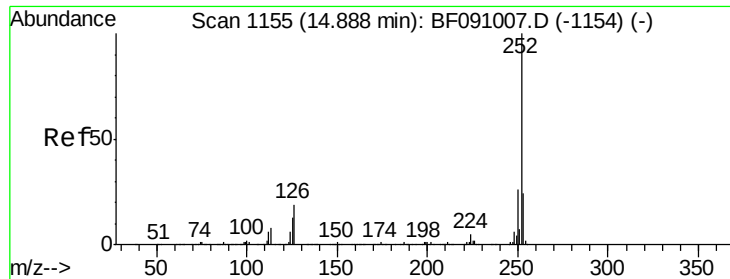
Tgt Ion:264 Resp: 438632
Ion Ratio Lower Upper
264 100
260 25.2 20.6 30.8
265 26.0 17.8 26.8



#87
Benzo(b)fluoranthene
Concen: 167.44 ng
RT: 14.89 min Scan# 1155
Delta R.T. 0.02 min
Lab File: BF091036.D
Acq: 4 Nov 2016 22:30

Tgt Ion:252 Resp: 4981439
Ion Ratio Lower Upper
252 100
253 24.6 18.0 27.0
125 11.2 8.3 12.5

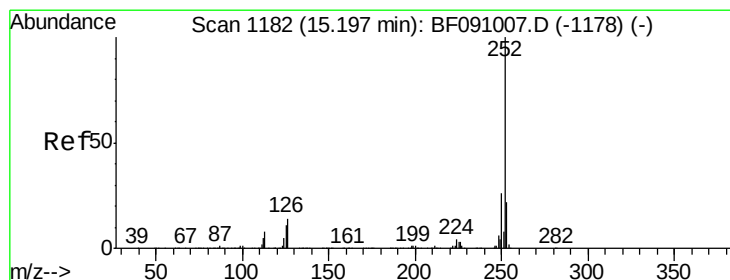
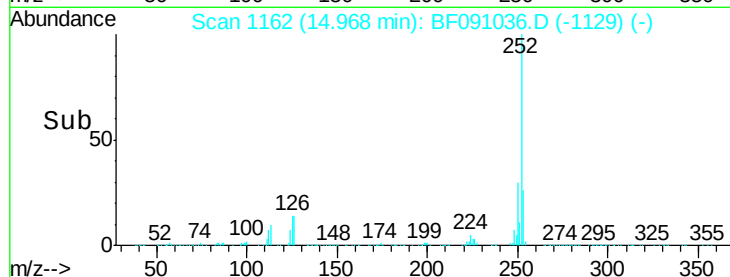
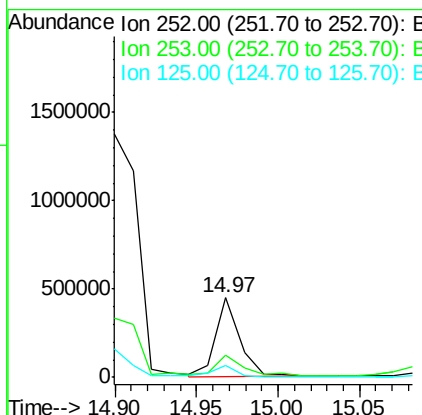
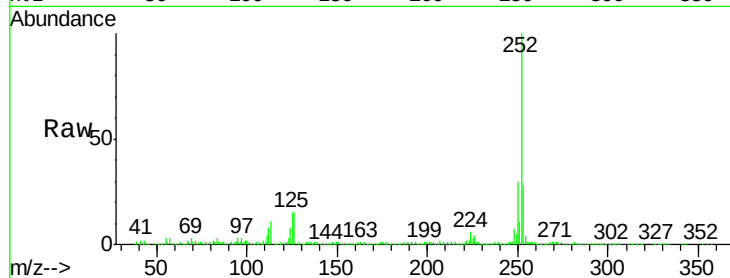




#88
Benzo(k)fluoranthene
Concen: 17.48 ng
RT: 14.97 min Scan# 1162
Delta R.T. 0.08 min
Lab File: BF091036.D
Acq: 4 Nov 2016 22:30

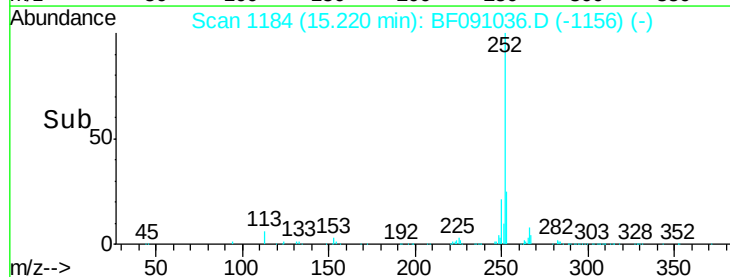
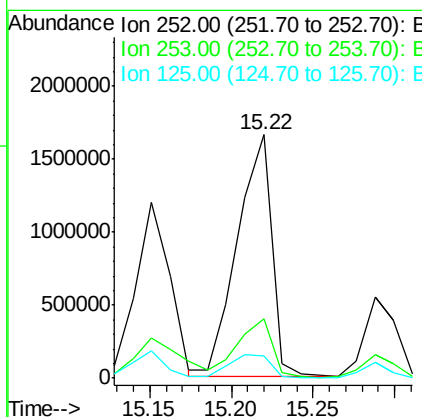
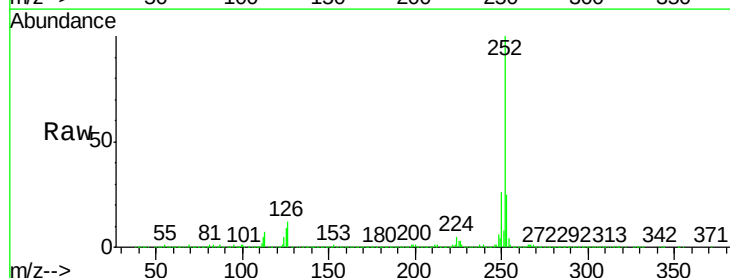
Instrument :
BNA_F
ClientSampleId :
SB-99-1.0-1.5

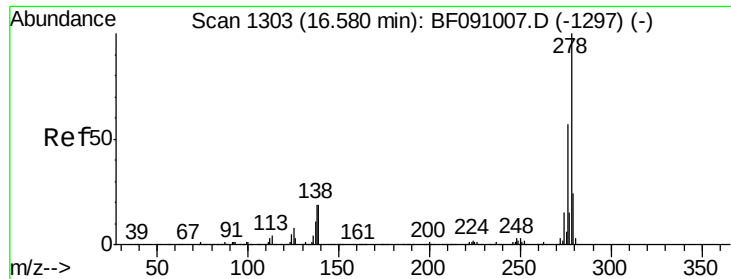
Tgt Ion:252 Resp: 456144
Ion Ratio Lower Upper
252 100
253 27.6 18.6 28.0
125 14.9 11.2 16.8



#89
Benzo(a)pyrene
Concen: 93.03 ng
RT: 15.22 min Scan# 1184
Delta R.T. 0.02 min
Lab File: BF091036.D
Acq: 4 Nov 2016 22:30

Tgt Ion:252 Resp: 2409312
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 9.2 8.6 13.0



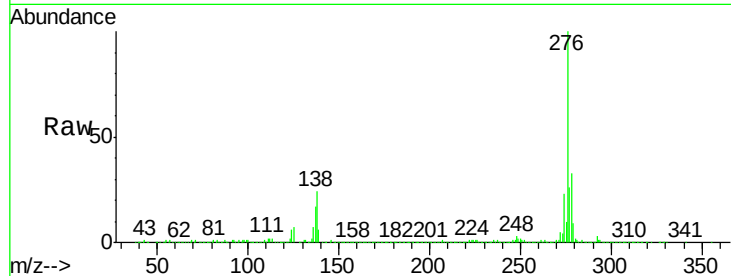


#90
Dibenzo(a,h)anthracene
Concen: 21.62 ng
RT: 16.59 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF091036.D
Acq: 4 Nov 2016 22:30

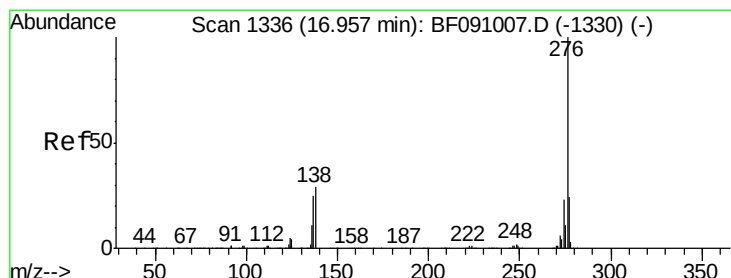
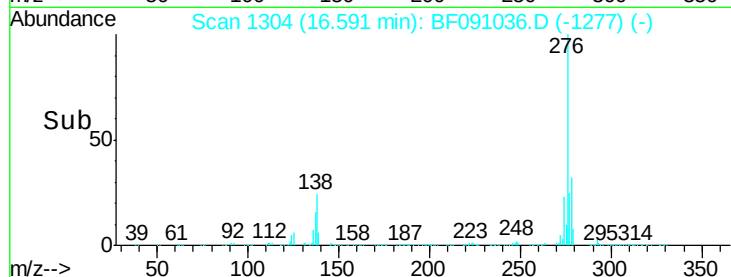
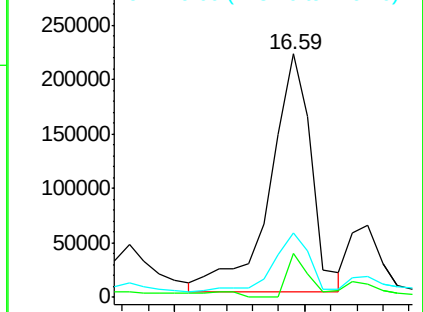
Instrument :
BNA_F
ClientSampleId :
SB-99-1.0-1.5

Tgt Ion:278 Resp: 484151

Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.3	22.9
279	26.6	19.3	28.9



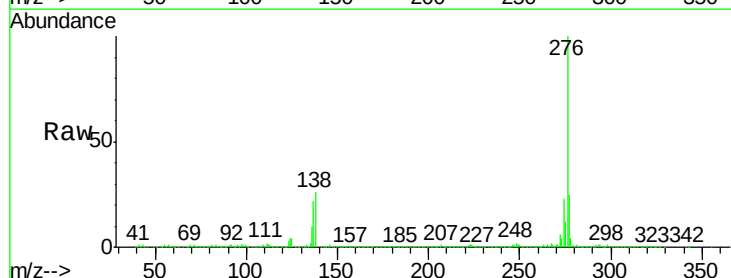
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 65.63 ng
RT: 16.99 min Scan# 1339
Delta R.T. 0.03 min
Lab File: BF091036.D
Acq: 4 Nov 2016 22:30

Tgt Ion:276 Resp: 1328794

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	25.6	23.3	34.9



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

