

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091037.D
 Acq On : 4 Nov 2016 22:57
 Operator : UM/SJ
 Sample : H5526-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-103-1.0-2.0

Quant Time: Nov 04 23:27:28 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	209439	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	807497	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	407740	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	496037	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	440917	20.00	ng	0.00
86) Perylene-d12	15.25	264	381949	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	1565269	123.43	ng	0.02
7) Phenol-d6	6.36	99	1862219	108.19	ng	0.01
23) Nitrobenzene-d5	7.28	82	1379201	93.17	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	383577	104.06	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1776247	75.00	ng	0.00
78) Terphenyl-d14	12.81	244	1445447	81.81	ng	0.00

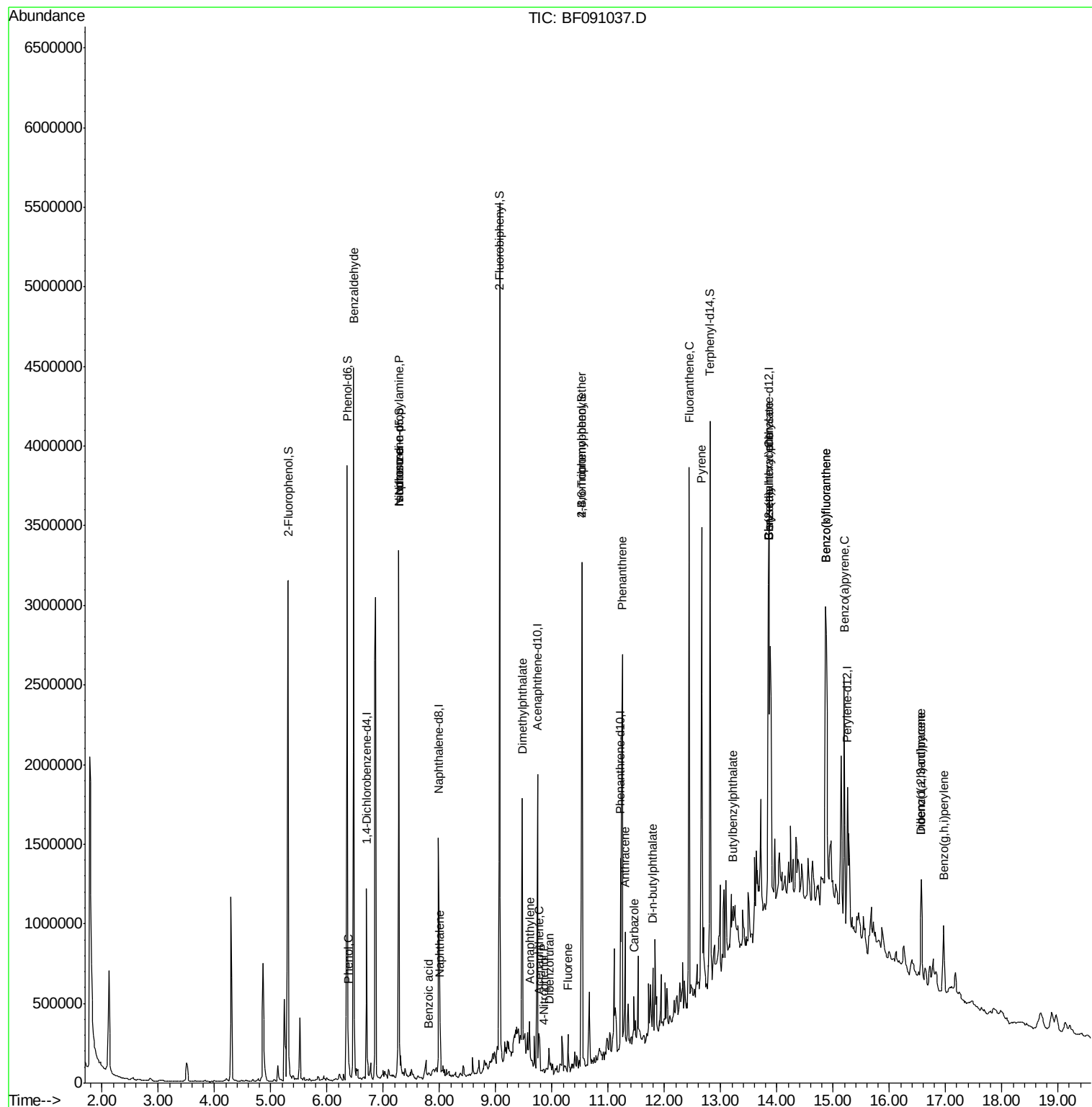
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.48	77	31654	3.31	ng	93
10) Phenol	6.37	94	45794	2.40	ng	# 54
19) n-Nitroso-di-n-propylamine	7.28	70	197688	16.57	ng	# 76
25) Isophorone	7.28	82	1311356	45.97	ng	# 67
31) Naphthalene	8.01	128	135614	3.51	ng	99
32) Benzoic acid	7.80	122	1042	5.18	ng	# 74
48) Acenaphthylene	9.61	152	75199	2.13	ng	99
49) Dimethylphthalate	9.47	163	584731	21.87	ng	99
51) Acenaphthene	9.78	154	68703	3.11	ng	98
54) Dibenzofuran	9.95	168	62185	2.09	ng	92
55) 4-Nitrophenol	9.85	139	1210	5.98	ng	# 38
57) Fluorene	10.28	166	72795	2.99	ng	# 99
66) 4-Bromophenyl-phenylether	10.53	248	27612	5.35	ng	# 1
70) Phenanthrene	11.25	178	1289719	48.91	ng	99
71) Anthracene	11.30	178	294275	10.50	ng	98
72) Carbazole	11.46	167	113113	4.48	ng	98
73) Di-n-butylphthalate	11.79	149	181401	5.71	ng	# 99
74) Fluoranthene	12.44	202	1911048	69.88	ng	90
77) Pyrene	12.66	202	1568980	54.34	ng	98
79) Butylbenzylphthalate	13.22	149	58433	4.23	ng	# 78
80) Benzo(a)anthracene	13.85	228	1025403	40.96	ng	98
82) Chrysene	13.85	228	1025403	41.54	ng	97
83) Bis(2-ethylhexyl)phthalate	13.85	149	79191	4.24	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.57	276	376293	18.37	ng	# 93
87) Benzo(b)fluoranthene	14.87	252	1461267	56.41	ng	# 94
88) Benzo(k)fluoranthene	14.87	252	1461267	64.30	ng	99
89) Benzo(a)pyrene	15.20	252	694048	30.78	ng	# 95
90) Dibenzo(a,h)anthracene	16.57	278	116031	5.95	ng	# 87
91) Benzo(g,h,i)perylene	16.97	276	325453	18.46	ng	97

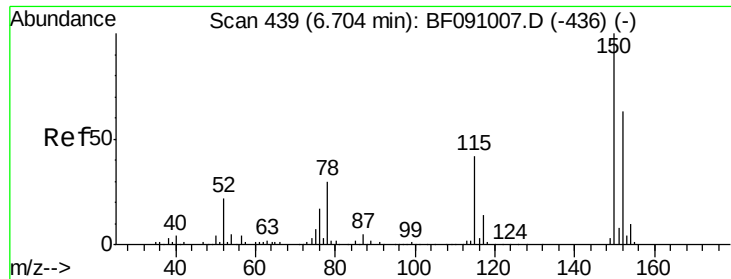
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

Instrument :

BNA_F

ClientSampleId :

SB-103-1.0-2.0

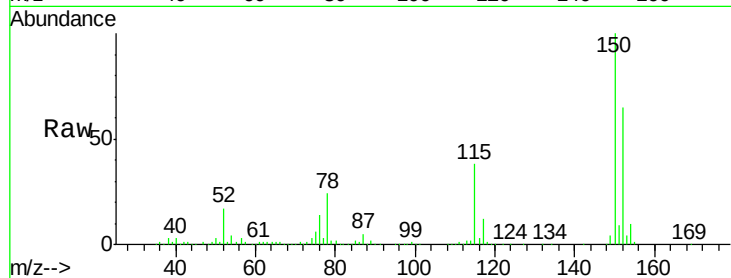
Tgt Ion:152 Resp: 209439

Ion Ratio Lower Upper

152 100

150 154.8 126.8 190.2

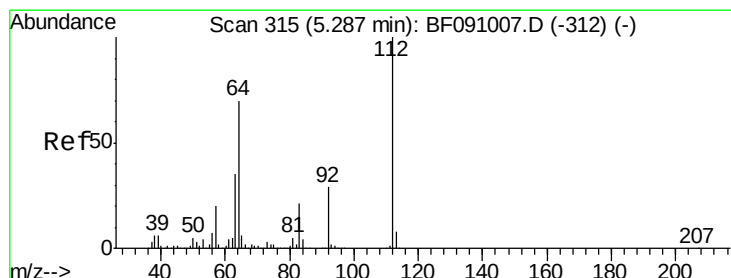
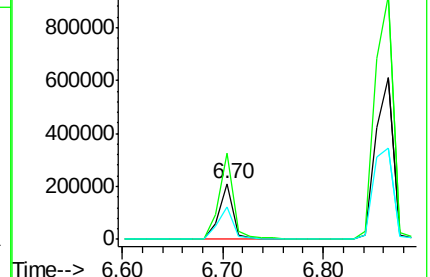
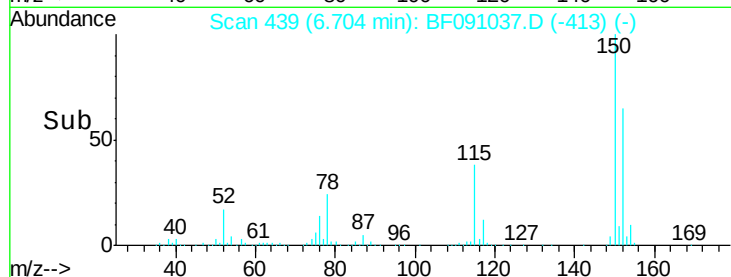
115 59.0 53.3 79.9



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: 123.43 ng

RT: 5.31 min Scan# 317

Delta R.T. 0.02 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

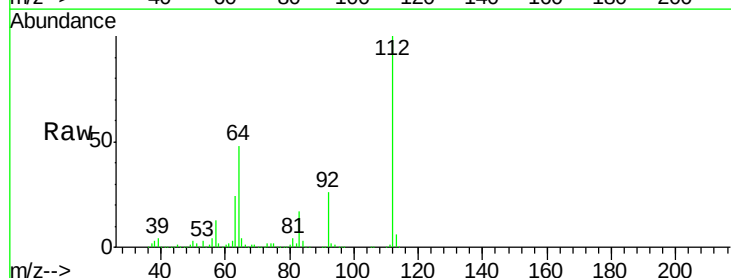
Tgt Ion:112 Resp: 1565269

Ion Ratio Lower Upper

112 100

64 48.1 55.8 83.6#

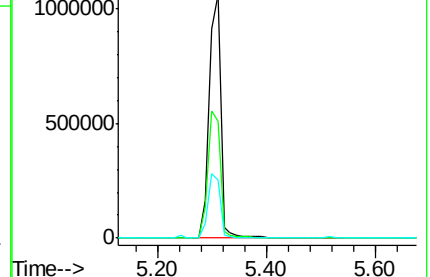
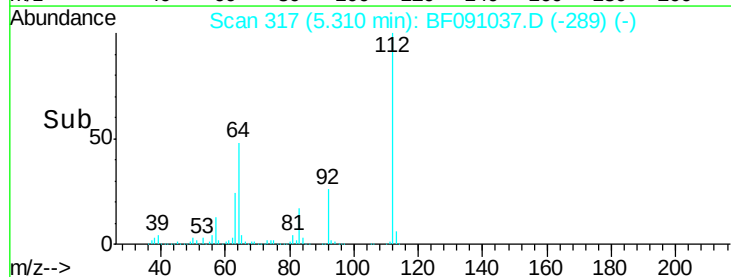
63 23.6 28.0 42.0#

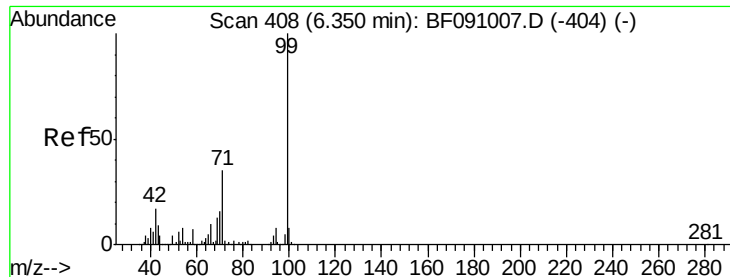


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.19 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

Instrument :

BNA_F

ClientSampleId :

SB-103-1.0-2.0

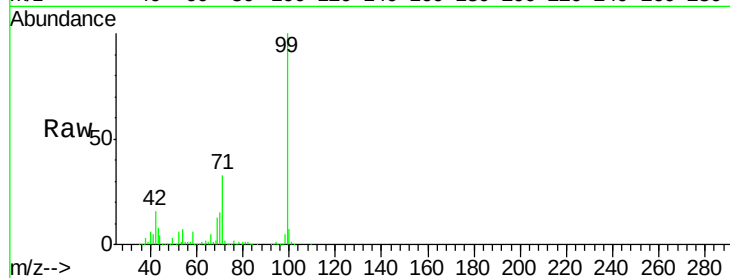
Tgt Ion: 99 Resp: 1862219

Ion Ratio Lower Upper

99 100

42 15.5 13.9 20.9

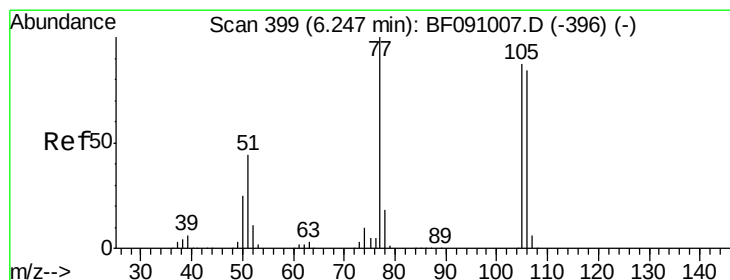
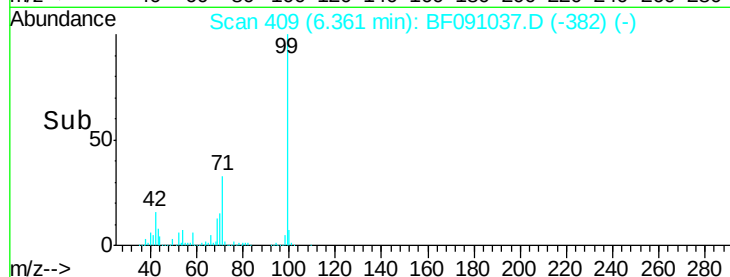
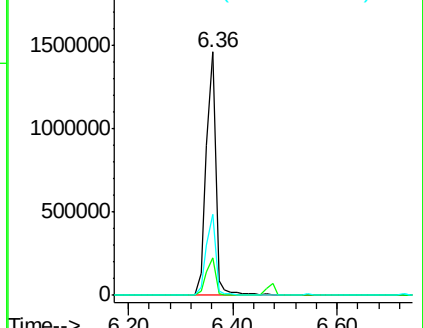
71 33.1 27.8 41.8



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: 3.31 ng

RT: 6.48 min Scan# 419

Delta R.T. 0.23 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

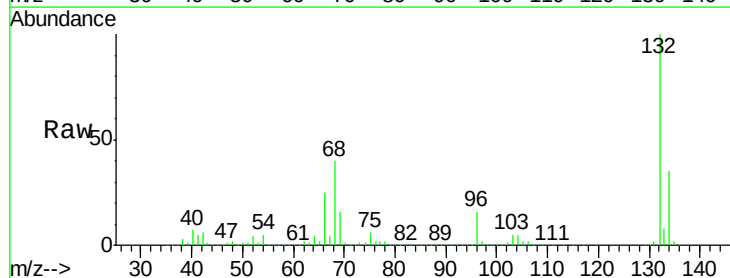
Tgt Ion: 77 Resp: 31654

Ion Ratio Lower Upper

77 100

105 84.1 66.8 106.8

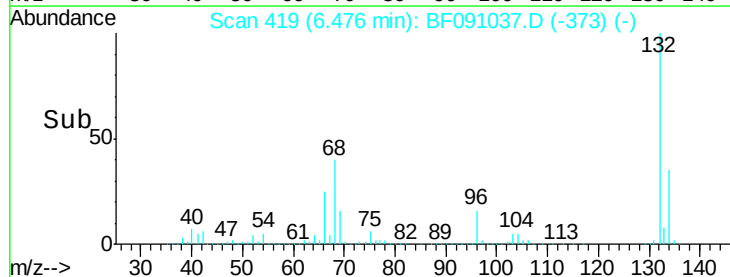
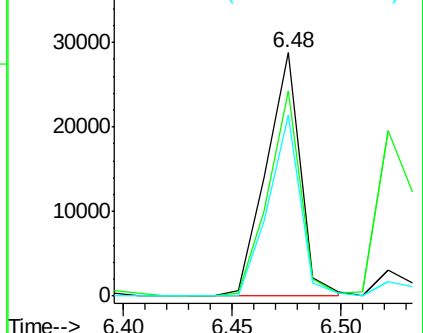
106 74.4 64.0 104.0

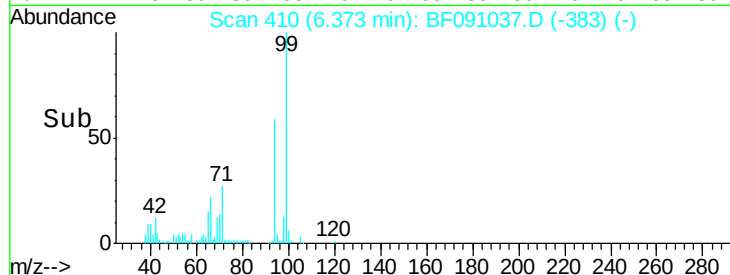
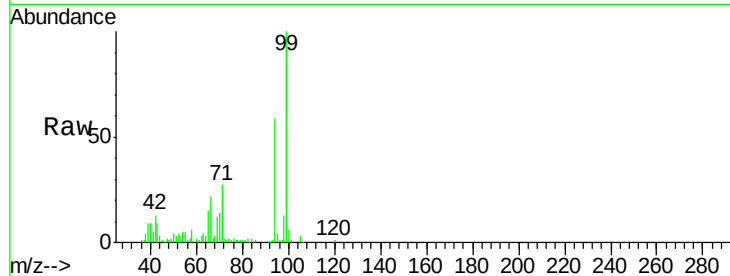
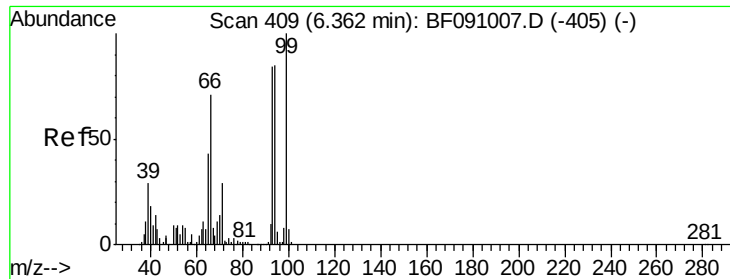


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.40 ng

RT: 6.37 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

Instrument :

BNA_F

ClientSampleId :

SB-103-1.0-2.0

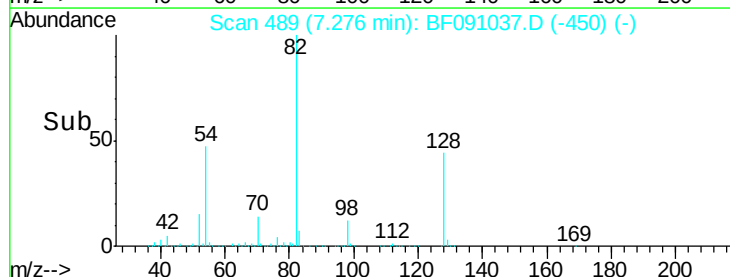
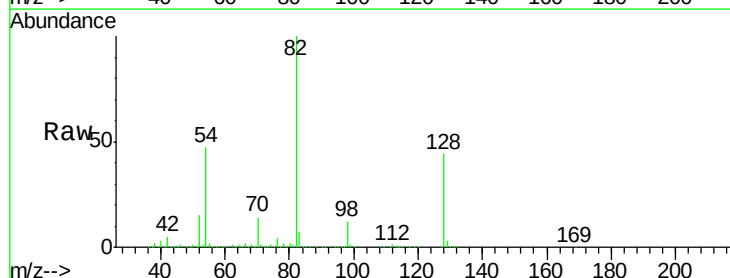
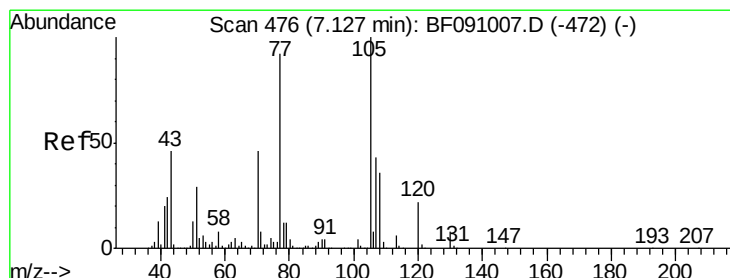
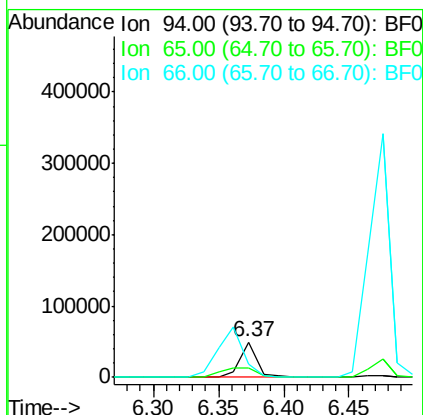
Tgt Ion: 94 Resp: 45794

Ion Ratio Lower Upper

94 100

65 25.4 30.4 70.4#

66 36.4 62.9 102.9#



#19

n-Nitroso-di-n-propylamine

Concen: 16.57 ng

RT: 7.28 min Scan# 489

Delta R.T. 0.15 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

Tgt Ion: 70 Resp: 197688

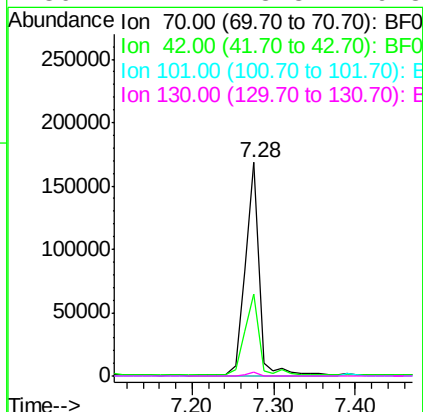
Ion Ratio Lower Upper

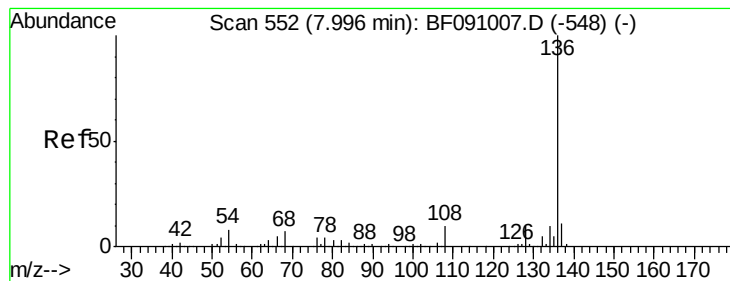
70 100

42 38.2 41.7 62.5#

101 0.0 6.7 10.1#

130 2.1 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: BF091037.D

Acq: 4 Nov 2016 22:57

Instrument :

BNA_F

ClientSampleId :

SB-103-1.0-2.0

Tgt Ion:136 Resp: 807497

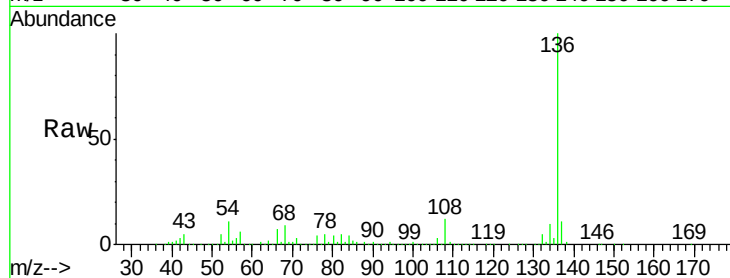
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 11.4 6.2 9.2#

68 9.4 5.5 8.3#

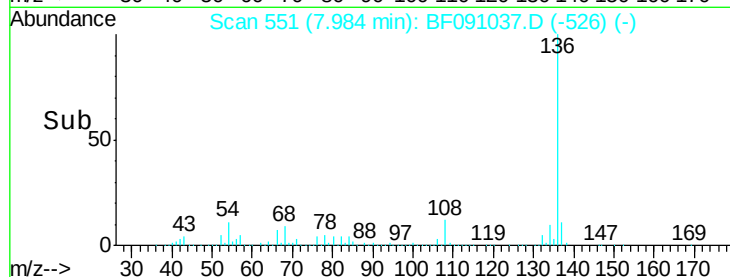


Abundance Ion 136.00 (135.70 to 136.70): E

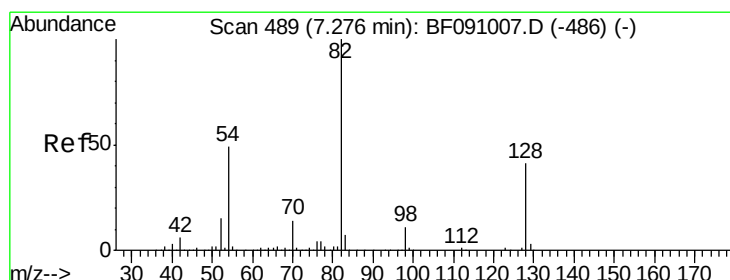
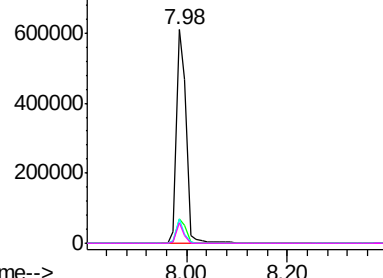
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 93.17 ng

RT: 7.28 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

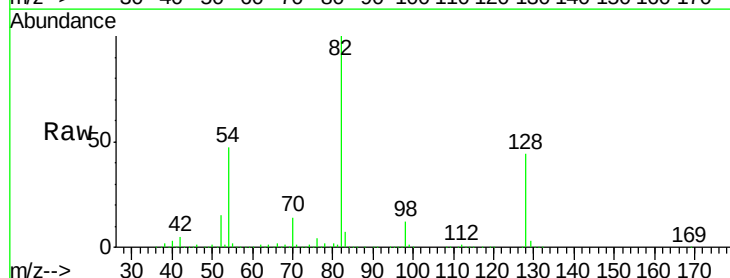
Tgt Ion: 82 Resp: 1379201

Ion Ratio Lower Upper

82 100

128 44.2 32.4 48.6

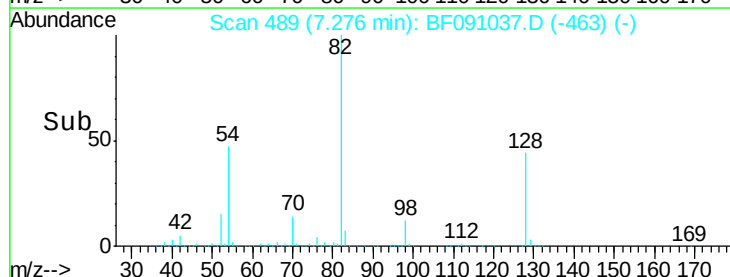
54 47.4 39.2 58.8



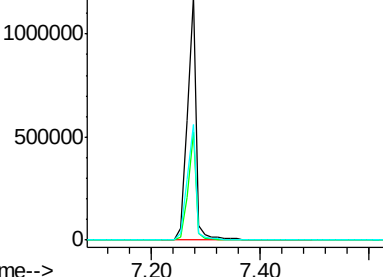
Abundance Ion 82.00 (81.70 to 82.70): BF0

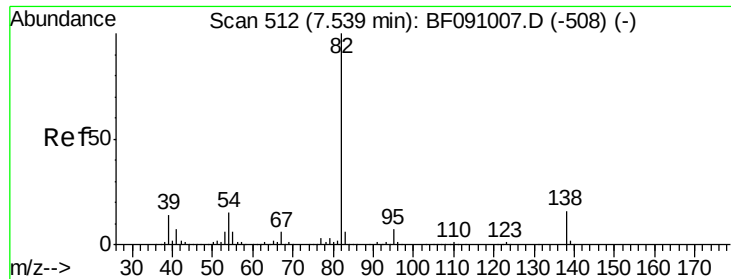
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 45.97 ng

RT: 7.28 min Scan# 489

Delta R.T. -0.26 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

Instrument :

BNA_F

ClientSampleId :

SB-103-1.0-2.0

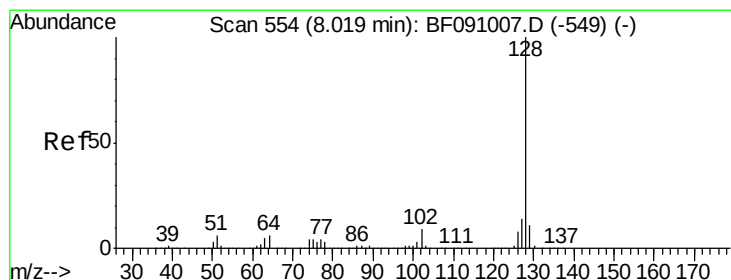
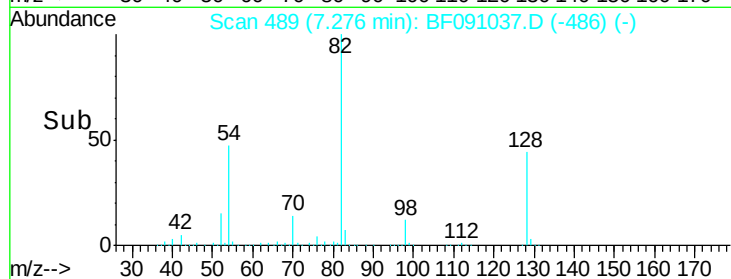
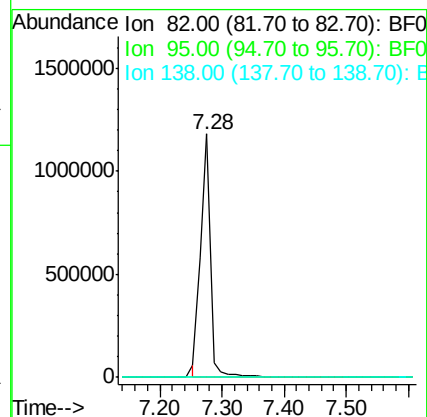
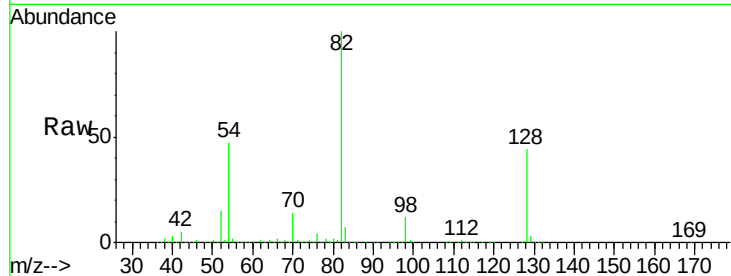
Tgt Ion: 82 Resp: 1311356

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.0#

138 0.0 13.0 19.4#



#31

Naphthalene

Concen: 3.51 ng

RT: 8.01 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

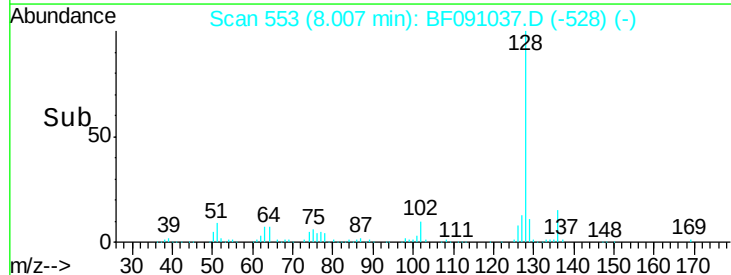
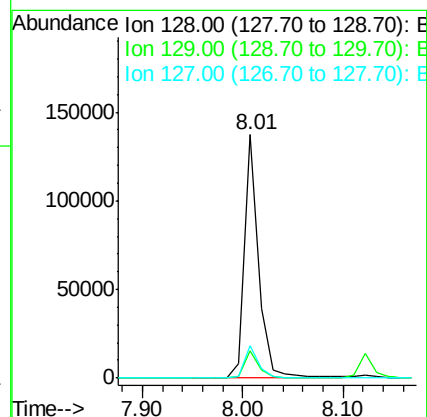
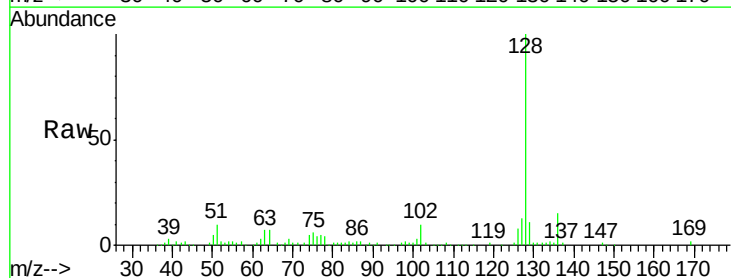
Tgt Ion: 128 Resp: 135614

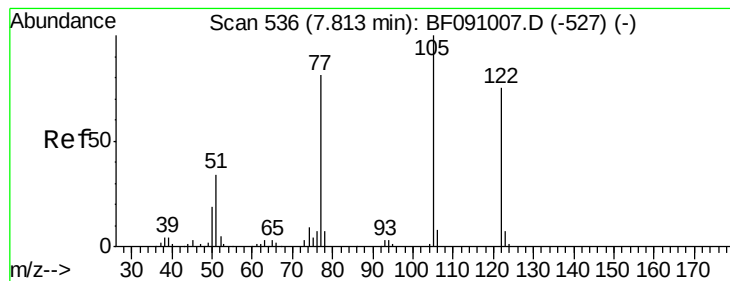
Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.3 10.9 16.3





#32

Benzoic acid

Concen: 5.18 ng

RT: 7.80 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

Instrument :

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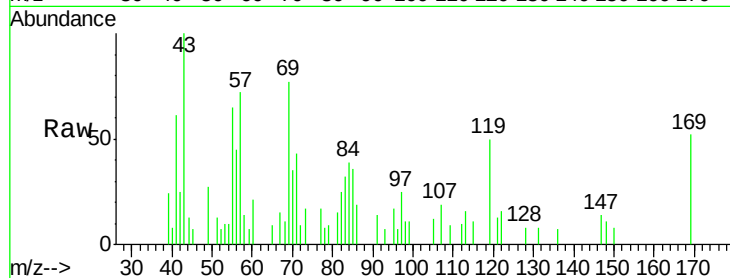
Tgt Ion:122 Resp: 1042

Ion Ratio Lower Upper

122 100

105 76.1 105.9 145.9#

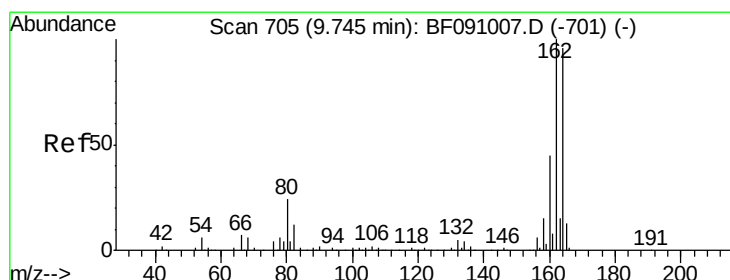
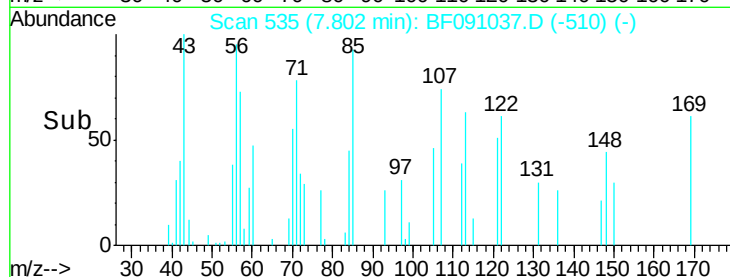
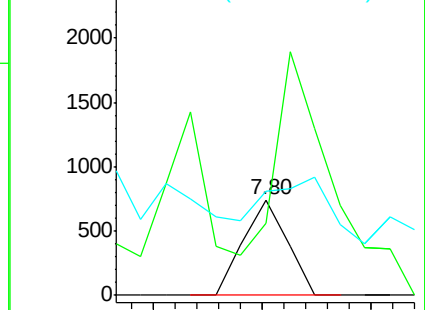
77 109.7 84.0 124.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

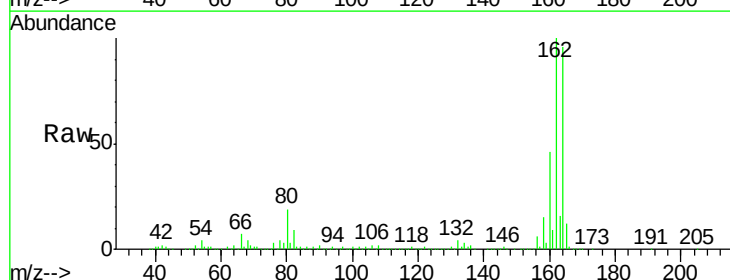
Tgt Ion:164 Resp: 407740

Ion Ratio Lower Upper

164 100

162 103.7 83.6 125.4

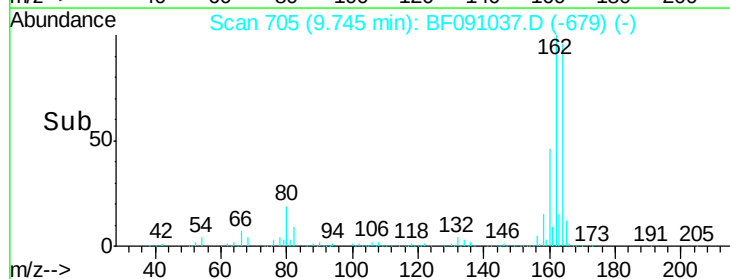
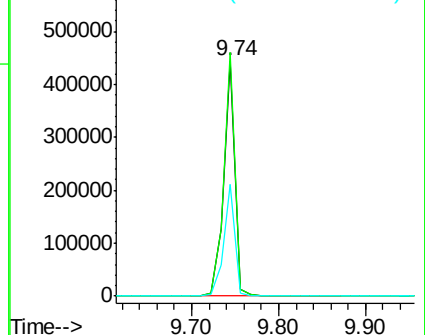
160 47.5 37.9 56.9

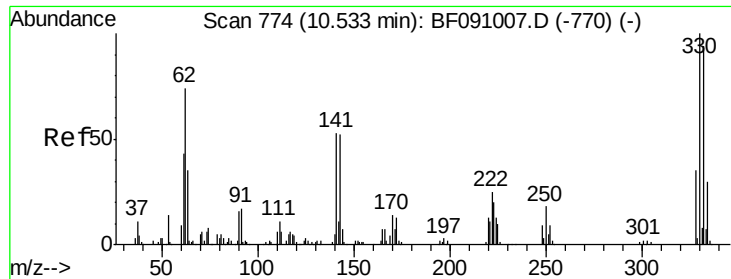


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

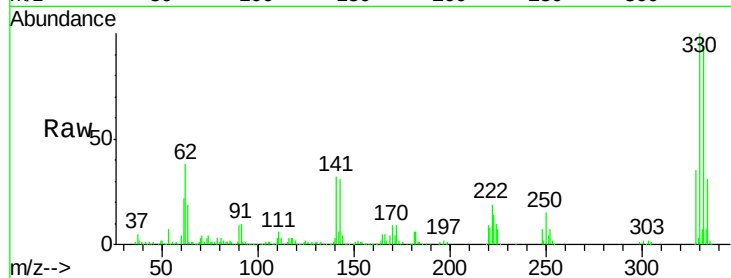




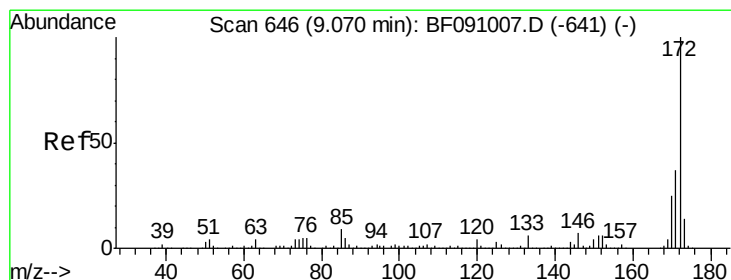
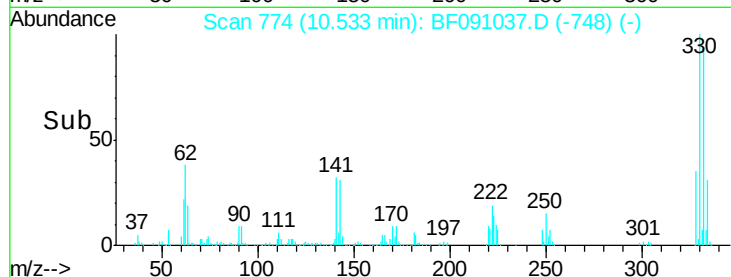
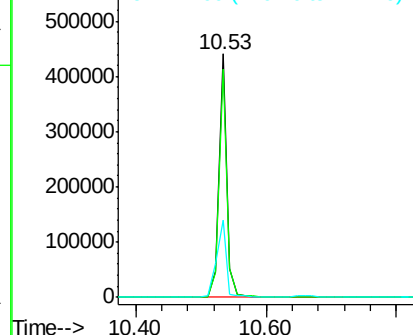
#41
 2,4,6-Tribromophenol
 Concen: 104.06 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF091037.D
 Acq: 4 Nov 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-103-1.0-2.0

Tgt Ion:330 Resp: 383577
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.9 113.9
 141 38.8 36.1 54.1

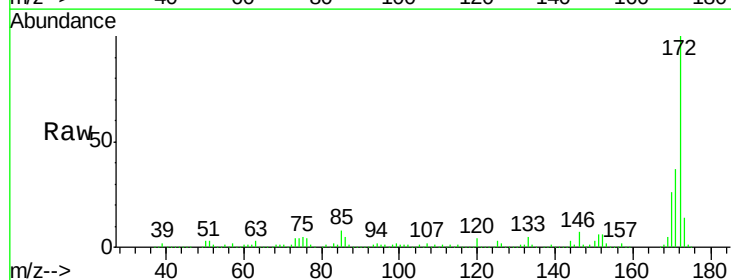


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

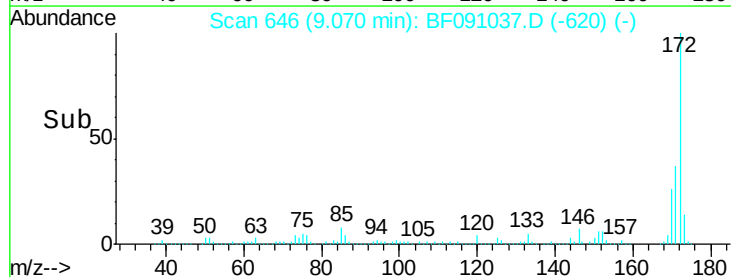
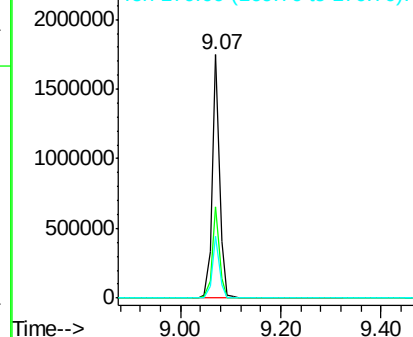


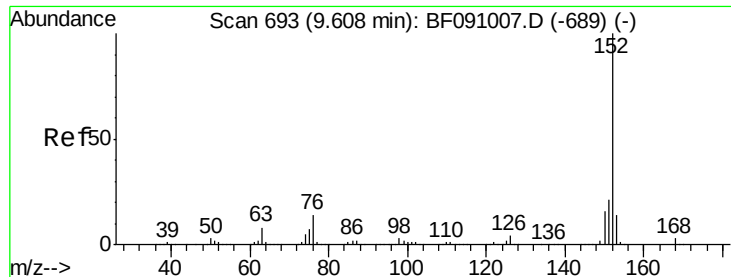
#44
 2-Fluorobiphenyl
 Concen: 75.00 ng
 RT: 9.07 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF091037.D
 Acq: 4 Nov 2016 22:57

Tgt Ion:172 Resp: 1776247
 Ion Ratio Lower Upper
 172 100
 171 37.4 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: 2.13 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

Instrument :

BNA_F

ClientSampleId :

SB-103-1.0-2.0

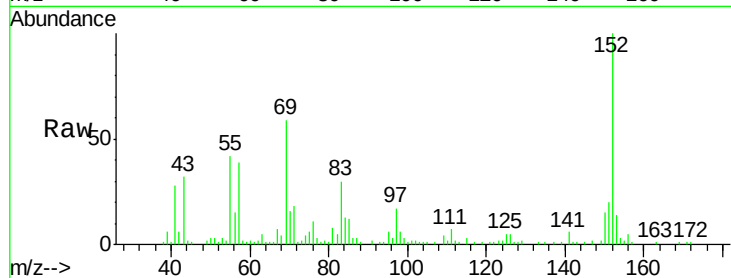
Tgt Ion:152 Resp: 75199

Ion Ratio Lower Upper

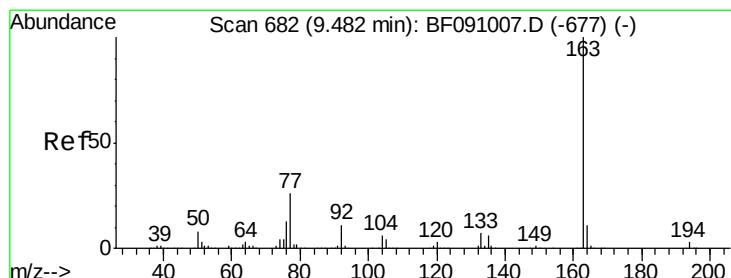
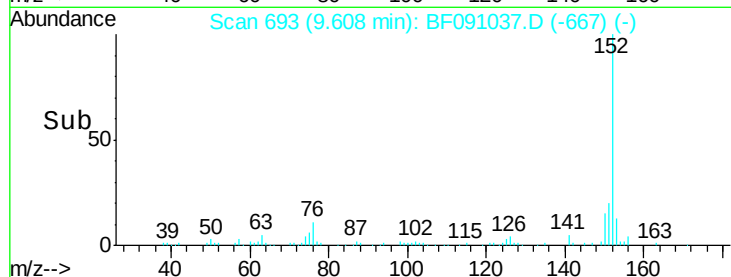
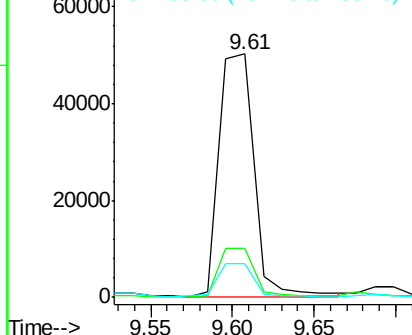
152 100

151 20.4 16.7 25.1

153 13.6 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: 21.87 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

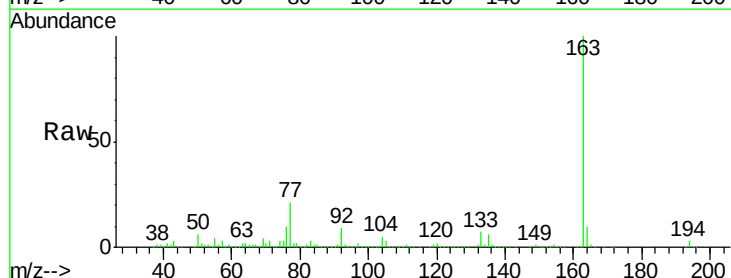
Tgt Ion:163 Resp: 584731

Ion Ratio Lower Upper

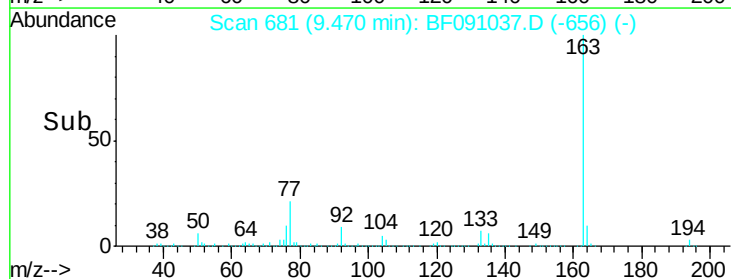
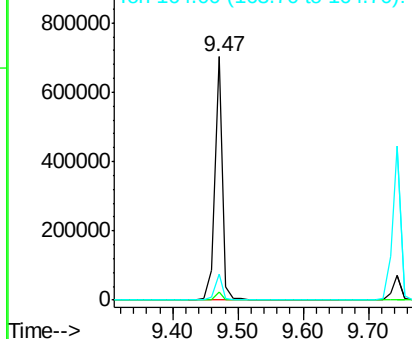
163 100

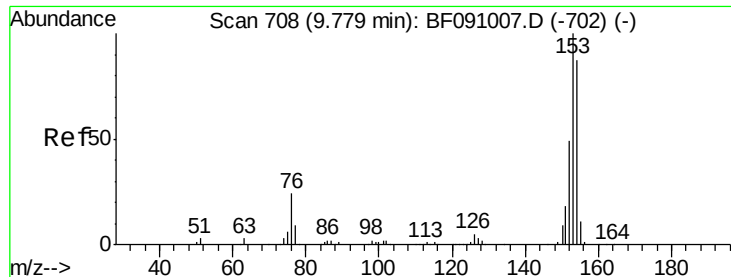
194 3.3 2.6 4.0

164 10.5 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: 3.11 ng

RT: 9.78 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

Instrument :

BNA_F

ClientSampleId :

SB-103-1.0-2.0

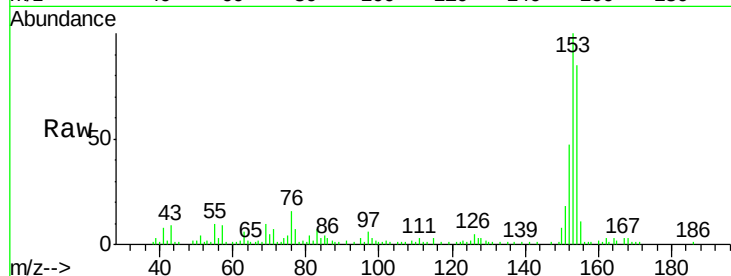
Tgt Ion:154 Resp: 68703

Ion Ratio Lower Upper

154 100

153 117.0 91.6 137.4

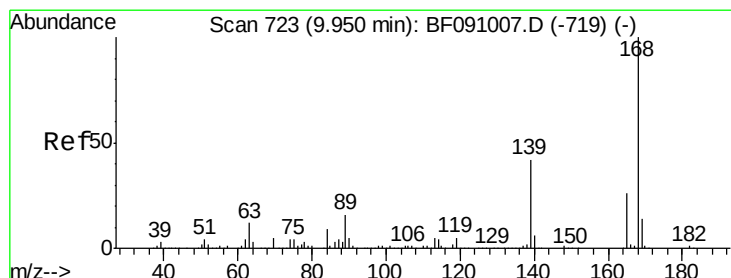
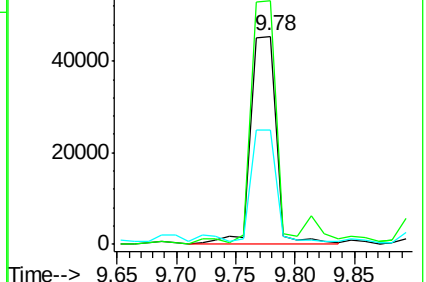
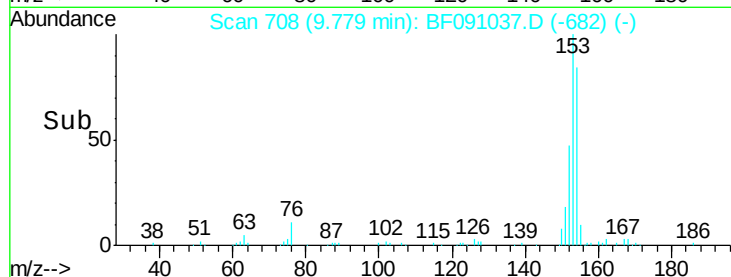
152 55.0 44.6 67.0



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: 2.09 ng

RT: 9.95 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

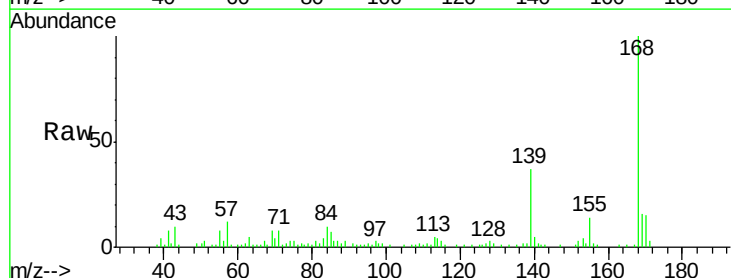
Tgt Ion:168 Resp: 62185

Ion Ratio Lower Upper

168 100

139 37.2 34.8 52.2

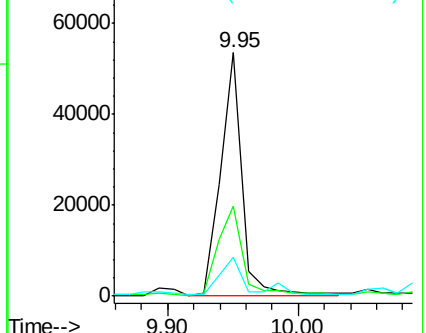
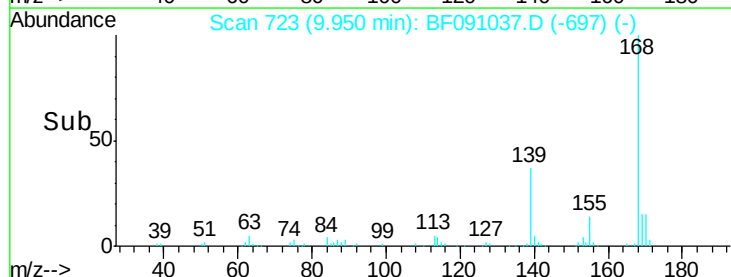
169 15.9 11.4 17.2

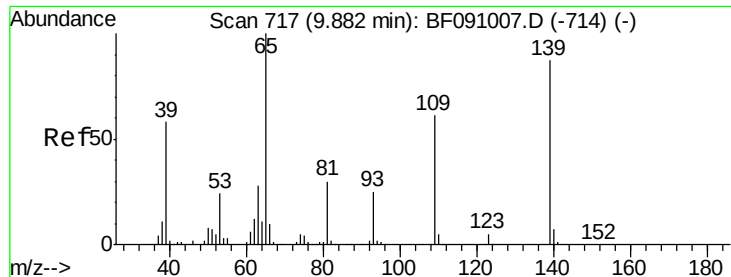


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 5.98 ng

RT: 9.85 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

Instrument :

BNA_F

ClientSampleId :

SB-103-1.0-2.0

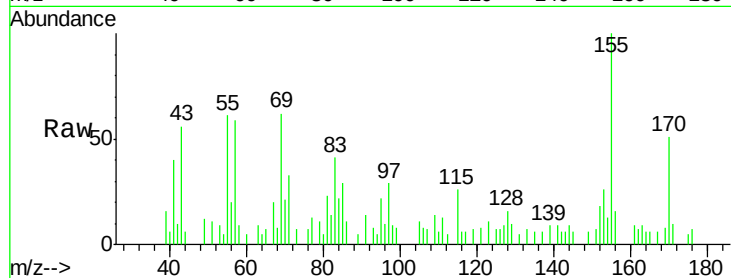
Tgt Ion:139 Resp: 1210

Ion Ratio Lower Upper

139 100

109 146.6 50.5 90.5#

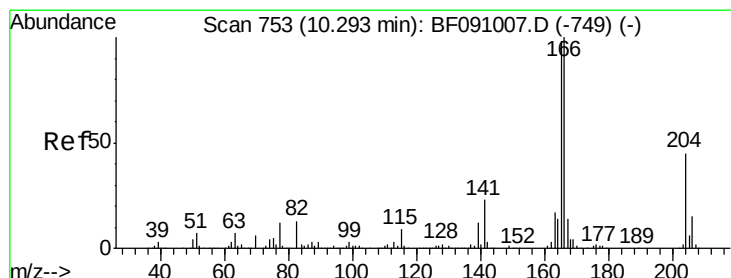
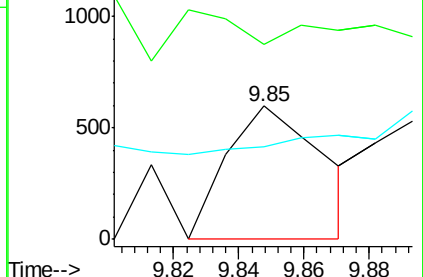
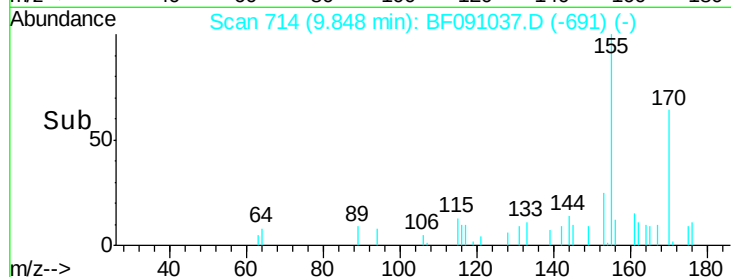
65 69.3 97.1 137.1#



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



#57

Fluorene

Concen: 2.99 ng

RT: 10.28 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

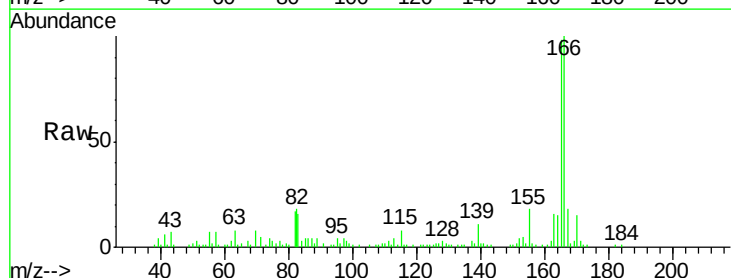
Tgt Ion:166 Resp: 72795

Ion Ratio Lower Upper

166 100

165 98.4 78.6 118.0

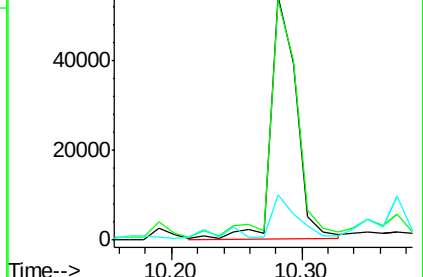
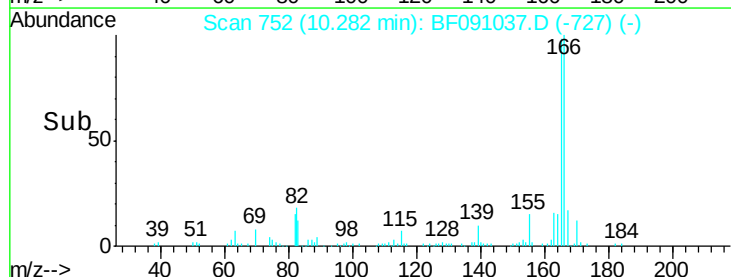
167 18.5 11.1 16.7#

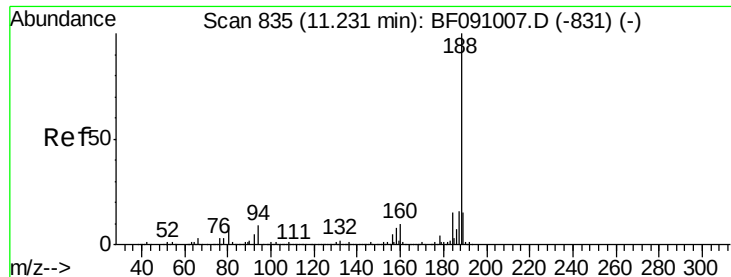


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

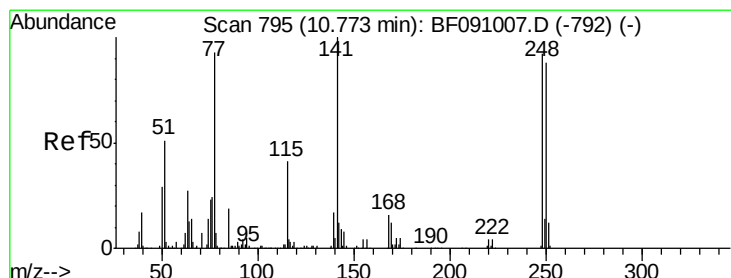
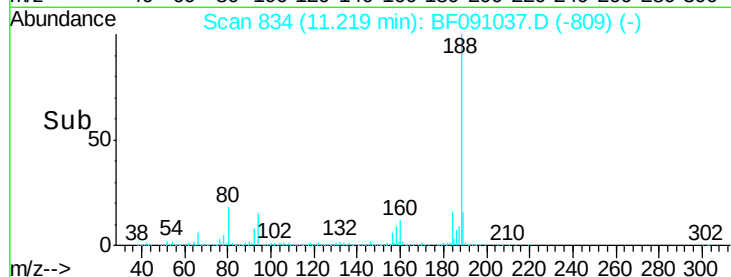
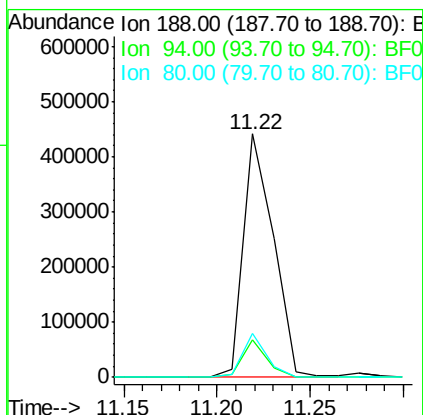
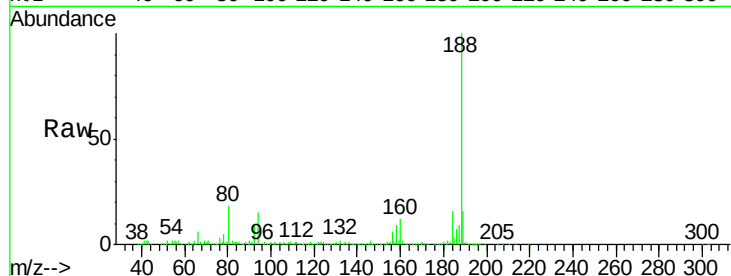




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF091037.D
Acq: 4 Nov 2016 22:57

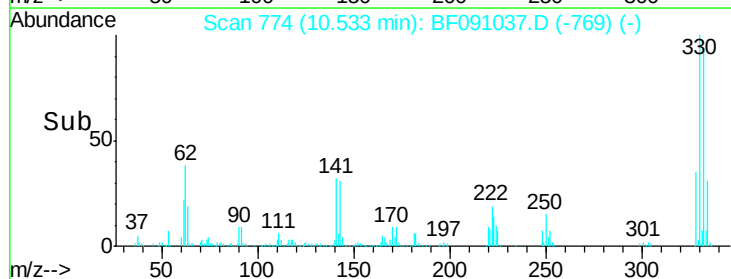
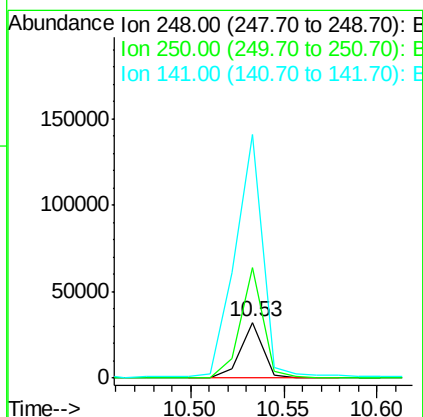
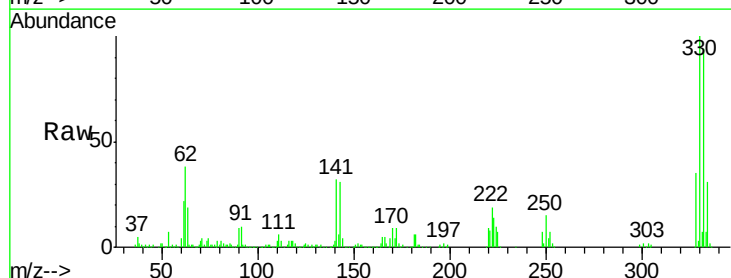
Instrument :
BNA_F
ClientSampleId :
SB-103-1.0-2.0

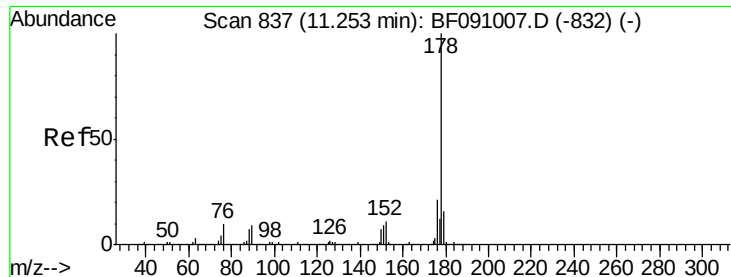
Tgt Ion:188 Resp: 496037
Ion Ratio Lower Upper
188 100
94 15.5 7.0 10.4#
80 18.1 7.5 11.3#



#66
4-Bromophenyl-phenylether
Concen: 5.35 ng
RT: 10.53 min Scan# 774
Delta R.T. -0.24 min
Lab File: BF091037.D
Acq: 4 Nov 2016 22:57

Tgt Ion:248 Resp: 27612
Ion Ratio Lower Upper
248 100
250 198.3 76.3 114.5#
141 435.3 86.8 130.2#

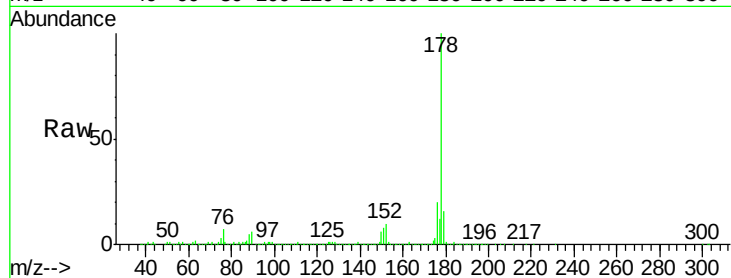




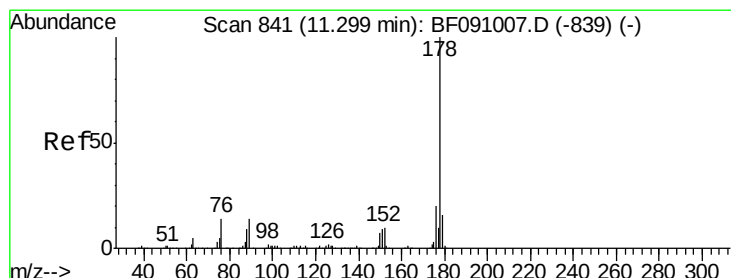
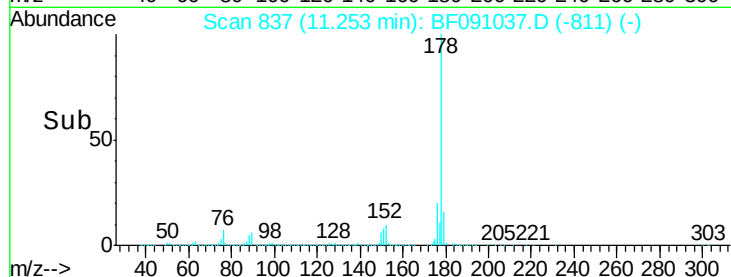
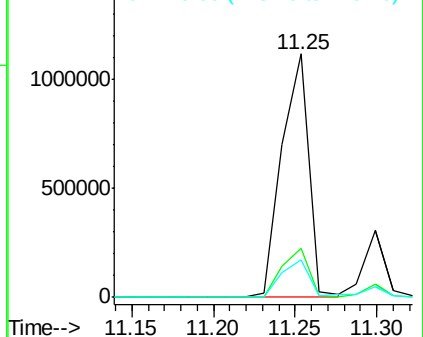
#70
Phenanthrene
Concen: 48.91 ng
RT: 11.25 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF091037.D
Acq: 4 Nov 2016 22:57

Instrument :
BNA_F
ClientSampleId :
SB-103-1.0-2.0

Tgt Ion:178 Resp: 1289719
Ion Ratio Lower Upper
178 100
176 20.3 16.6 25.0
179 15.6 12.9 19.3

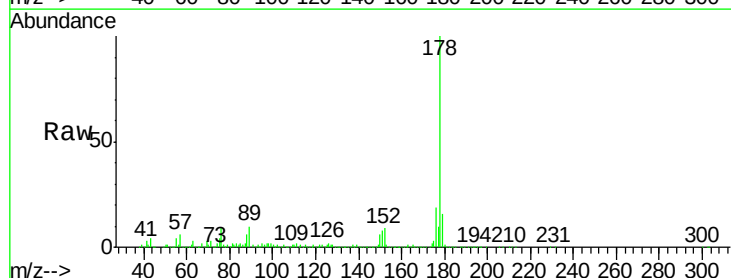


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

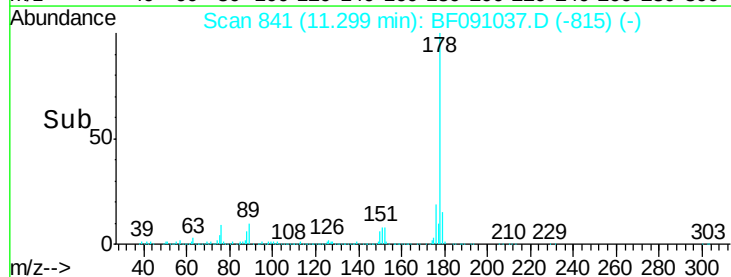
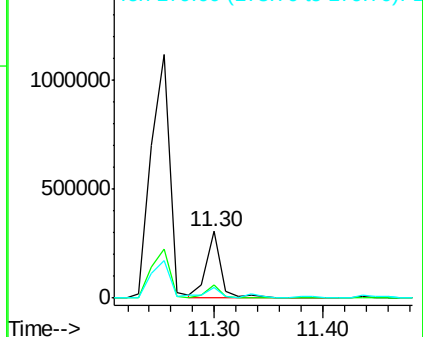


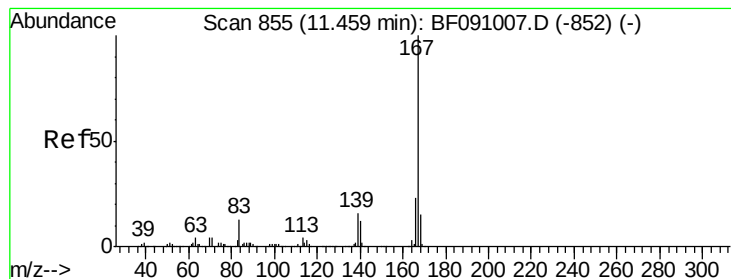
#71
Anthracene
Concen: 10.50 ng
RT: 11.30 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF091037.D
Acq: 4 Nov 2016 22:57

Tgt Ion:178 Resp: 294275
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.5 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: 4.48 ng

RT: 11.46 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

Instrument :

BNA_F

ClientSampleId :

SB-103-1.0-2.0

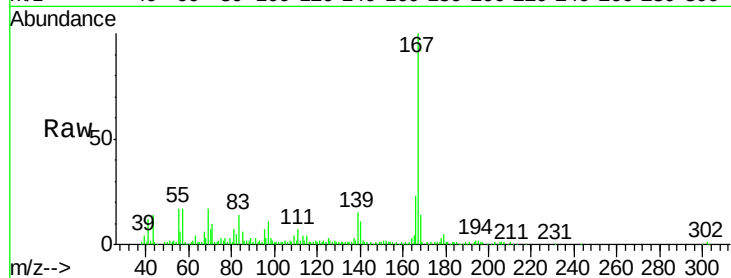
Tgt Ion:167 Resp: 113113

Ion Ratio Lower Upper

167 100

166 22.8 18.0 27.0

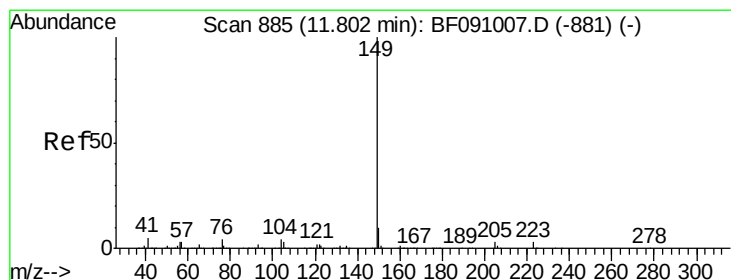
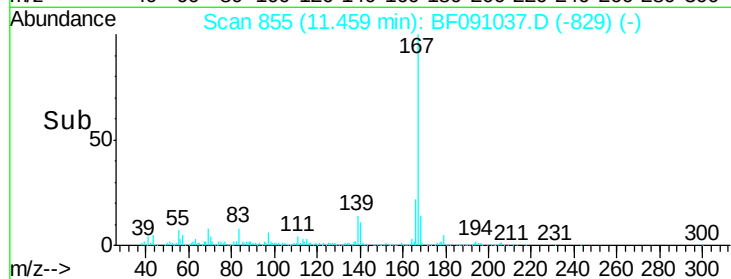
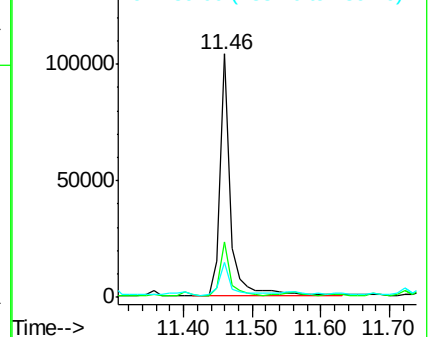
139 14.6 12.6 18.8



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



#73

Di-n-butylphthalate

Concen: 5.71 ng

RT: 11.79 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

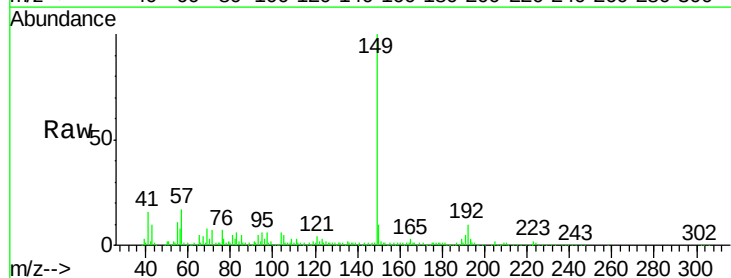
Tgt Ion:149 Resp: 181401

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

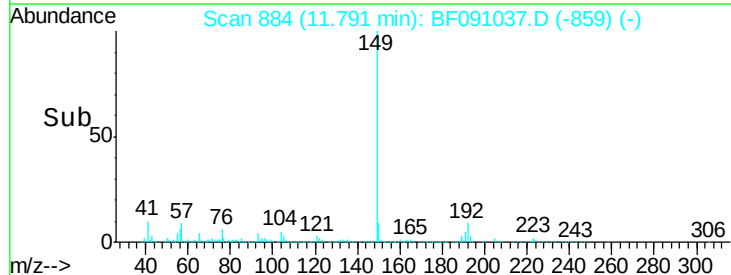
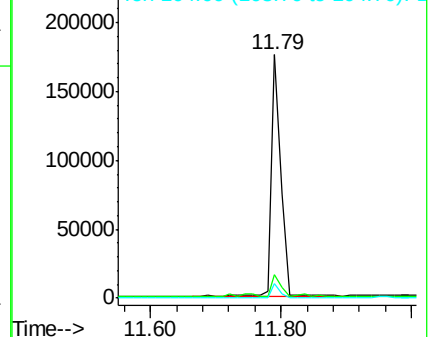
104 5.7 3.6 5.4#

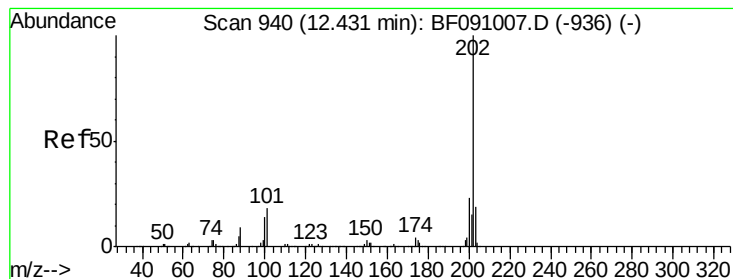


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

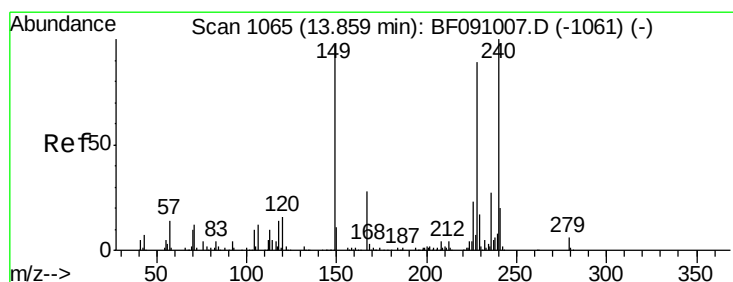
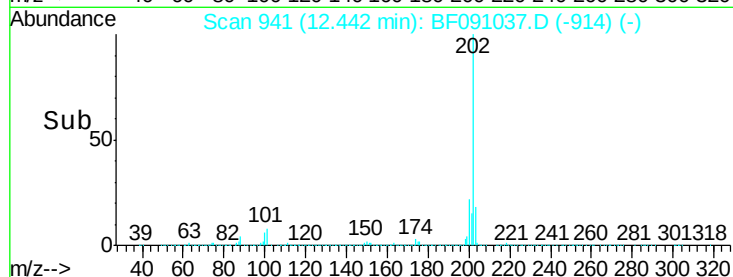
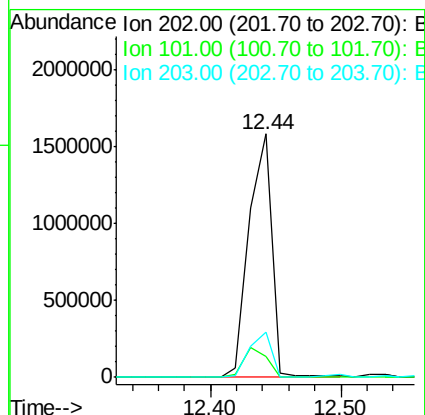
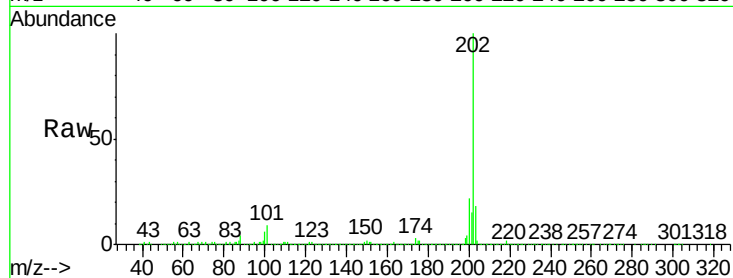




#74
Fluoranthene
Concen: 69.88 ng
RT: 12.44 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF091037.D
Acq: 4 Nov 2016 22:57

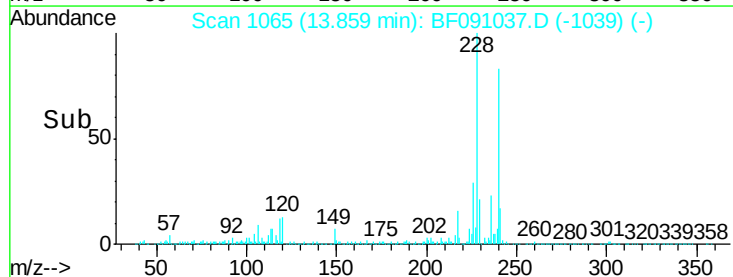
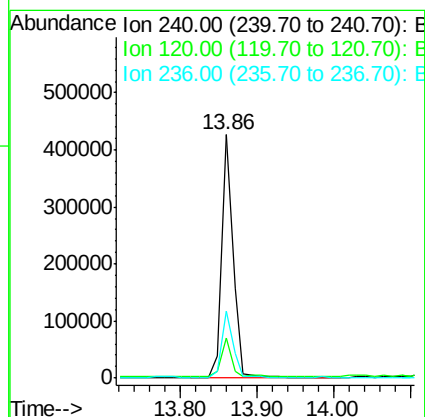
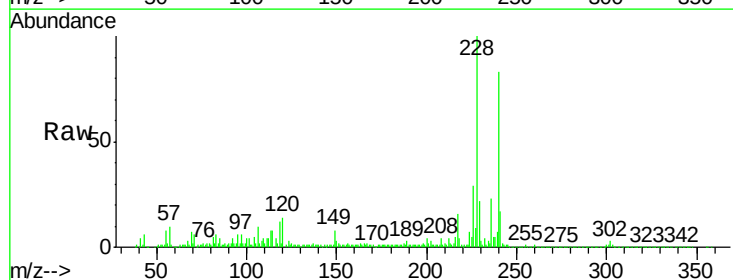
Instrument :
BNA_F
ClientSampleId :
SB-103-1.0-2.0

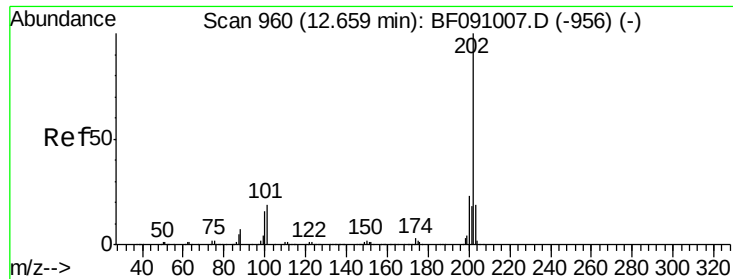
Tgt Ion:202 Resp: 1911048
Ion Ratio Lower Upper
202 100
101 8.5 0.0 37.6
203 18.4 0.0 38.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF091037.D
Acq: 4 Nov 2016 22:57

Tgt Ion:240 Resp: 440917
Ion Ratio Lower Upper
240 100
120 16.3 12.9 19.3
236 27.6 21.9 32.9

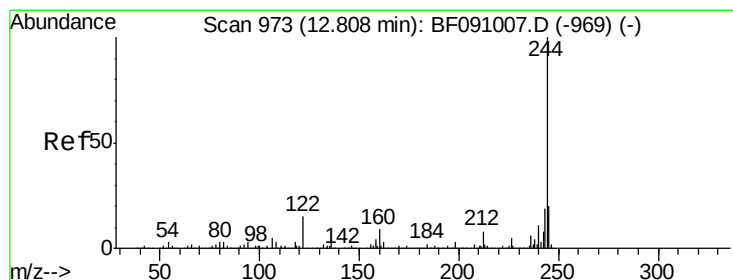
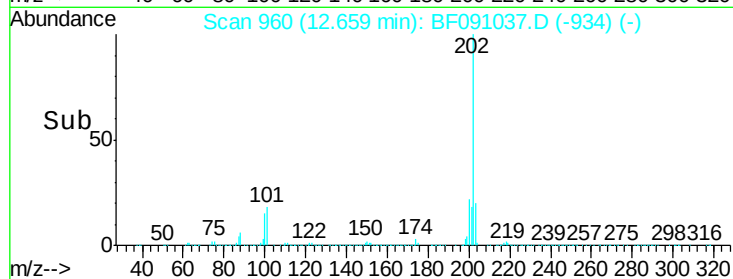
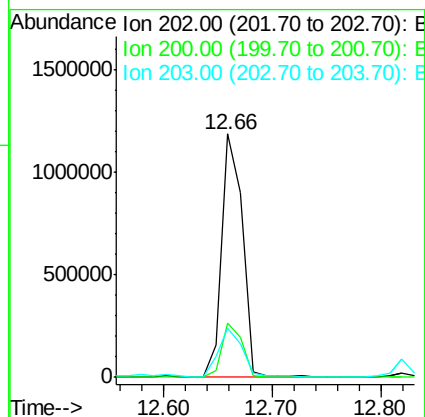
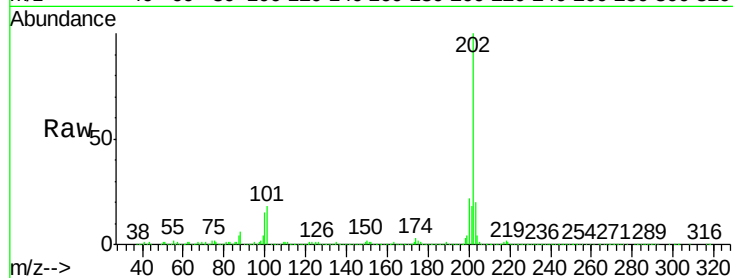




#77
 Pyrene
 Concen: 54.34 ng
 RT: 12.66 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF091037.D
 Acq: 4 Nov 2016 22:57

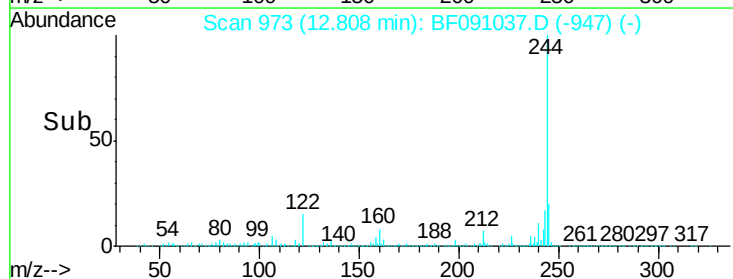
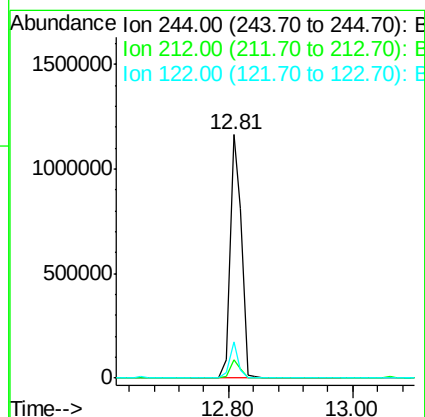
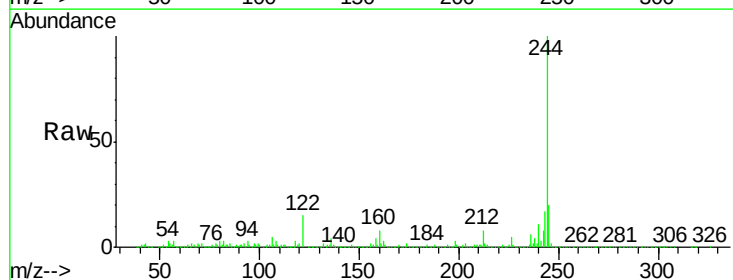
Instrument :
 BNA_F
 ClientSampleId :
 SB-103-1.0-2.0

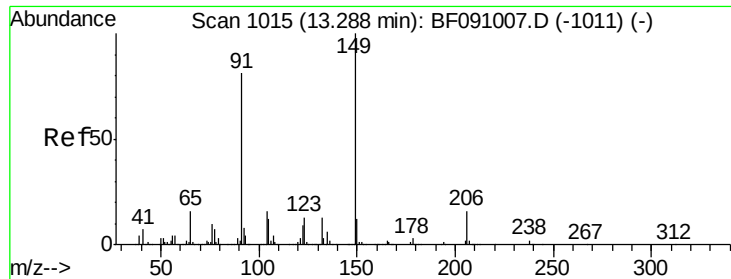
Tgt Ion:202 Resp: 1568980
 Ion Ratio Lower Upper
 202 100
 200 22.2 18.4 27.6
 203 20.3 15.0 22.6



#78
 Terphenyl-d14
 Concen: 81.81 ng
 RT: 12.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF091037.D
 Acq: 4 Nov 2016 22:57

Tgt Ion:244 Resp: 1445447
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 14.8 12.3 18.5

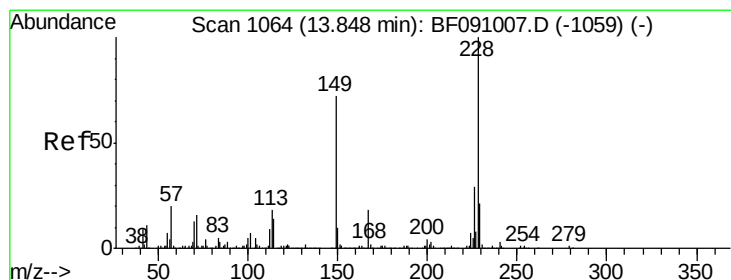
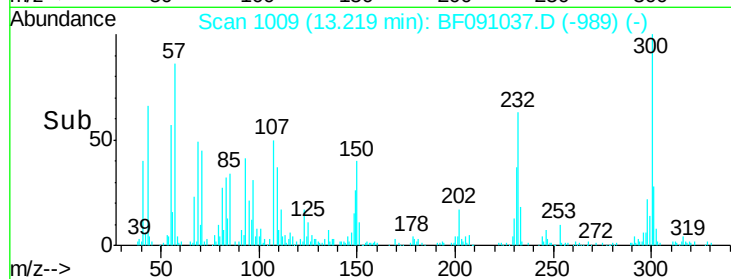
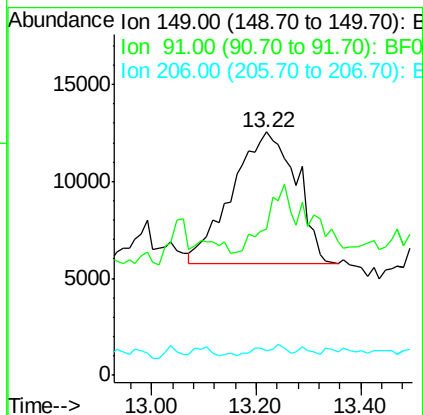
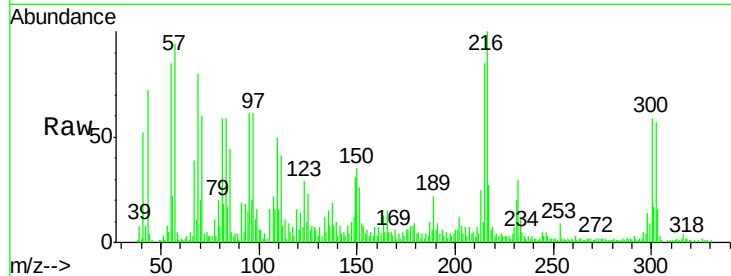




#79
Butylbenzylphthalate
Concen: 4.23 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.07 min
Lab File: BF091037.D
Acq: 4 Nov 2016 22:57

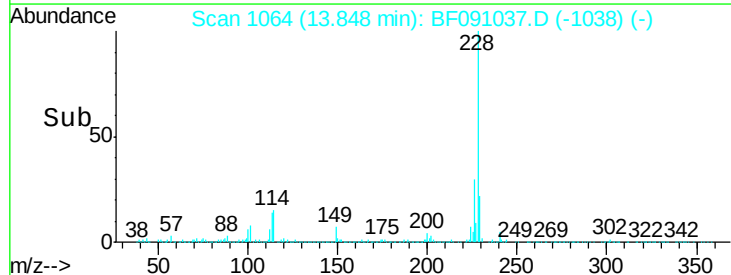
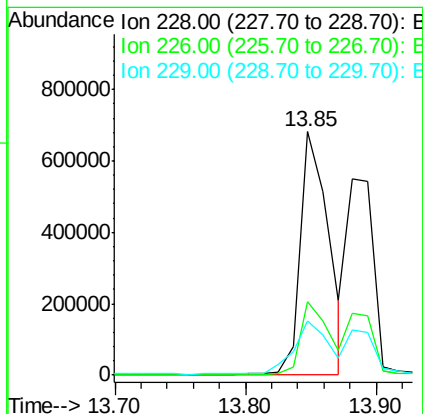
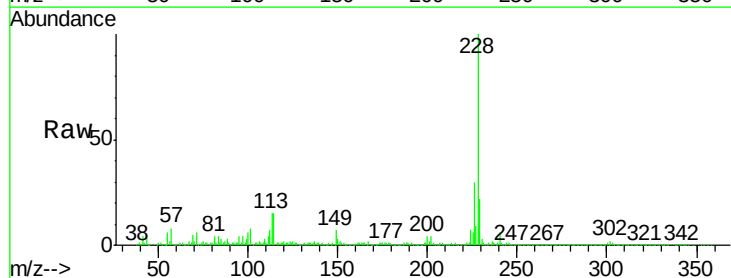
Instrument :
BNA_F
ClientSampleId :
SB-103-1.0-2.0

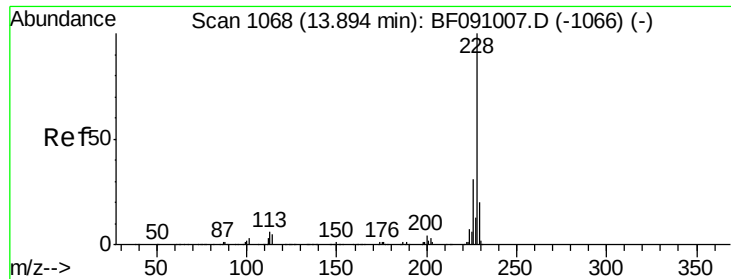
Tgt Ion:149 Resp: 58433
Ion Ratio Lower Upper
149 100
91 59.9 65.0 97.4#
206 9.9 12.5 18.7#



#80
Benzo(a)anthracene
Concen: 40.96 ng
RT: 13.85 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF091037.D
Acq: 4 Nov 2016 22:57

Tgt Ion:228 Resp: 1025403
Ion Ratio Lower Upper
228 100
226 30.0 23.0 34.6
229 22.0 16.6 24.8





#82

Chrysene

Concen: 41.54 ng

RT: 13.85 min Scan# 1064

Delta R.T. -0.05 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

Instrument :

BNA_F

ClientSampleId :

SB-103-1.0-2.0

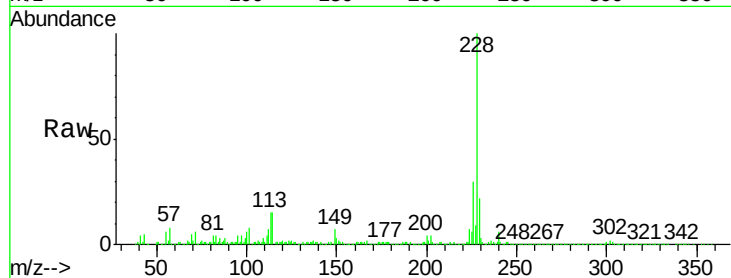
Tgt Ion:228 Resp: 1025403

Ion Ratio Lower Upper

228 100

226 30.0 24.9 37.3

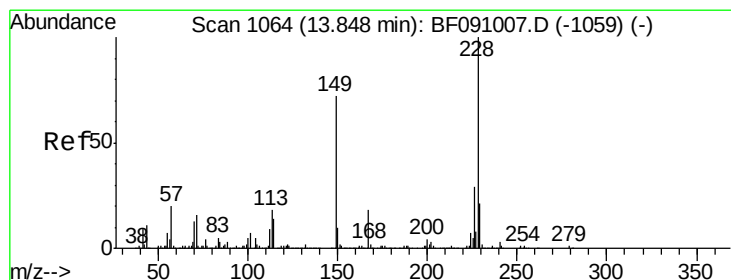
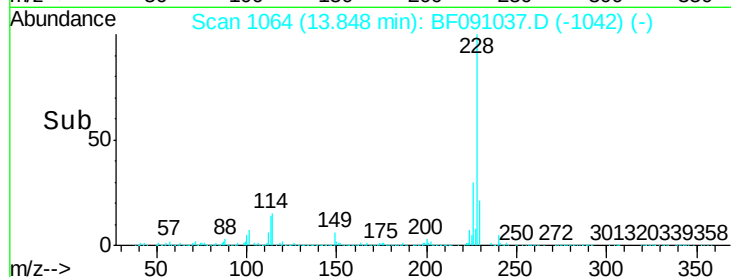
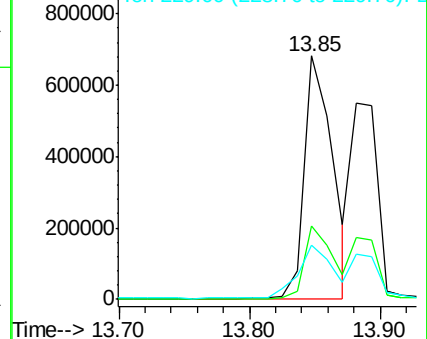
229 22.0 15.9 23.9



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.24 ng

RT: 13.85 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

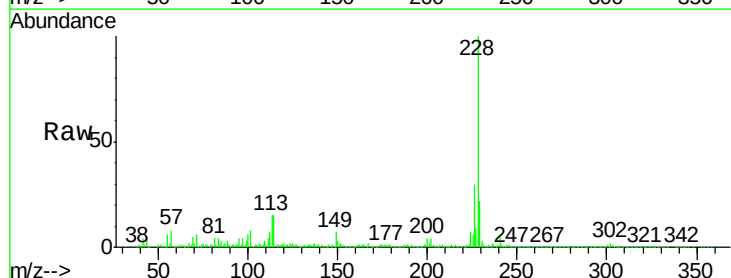
Tgt Ion:149 Resp: 79191

Ion Ratio Lower Upper

149 100

167 23.9 20.4 30.6

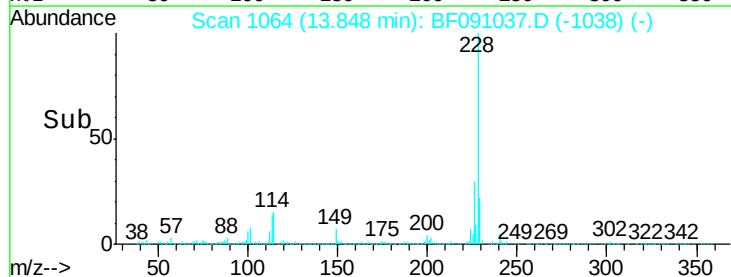
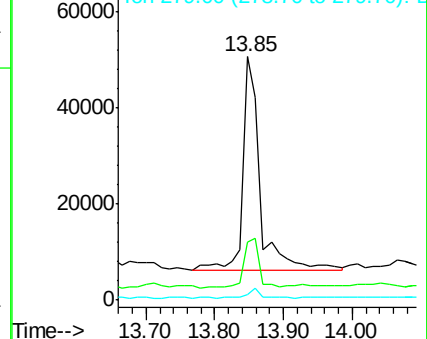
279 2.4 1.6 2.4#

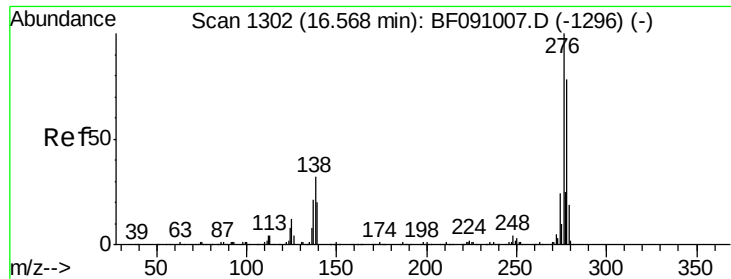


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

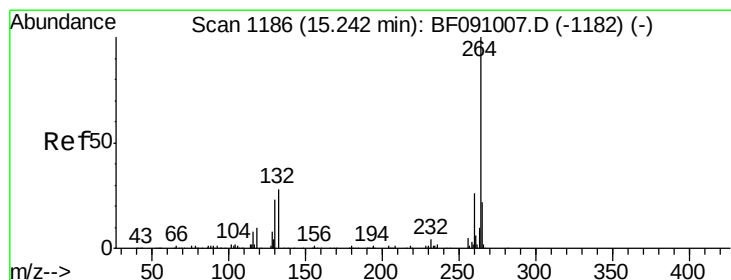
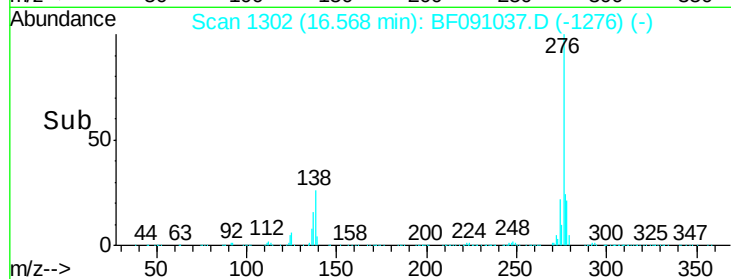
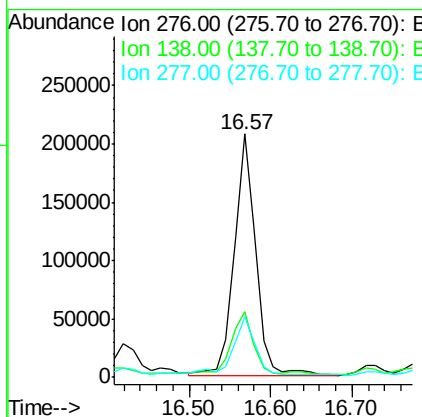
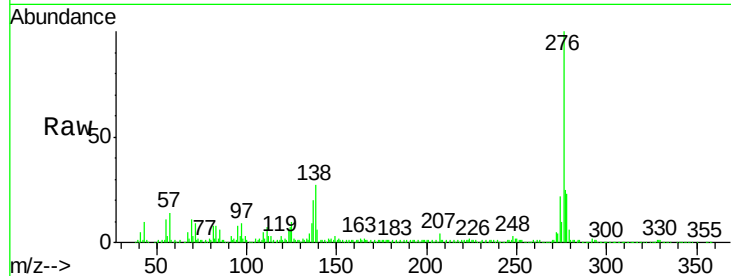




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.37 ng
 RT: 16.57 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF091037.D
 Acq: 4 Nov 2016 22:57

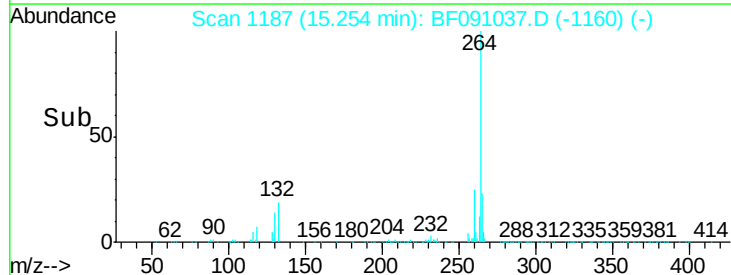
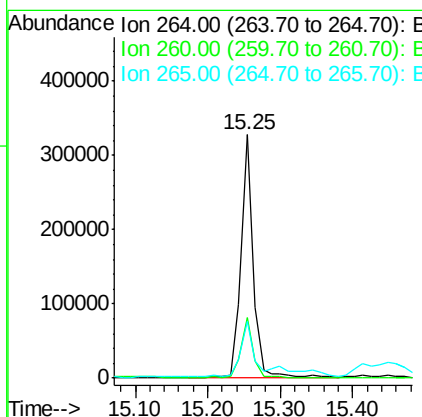
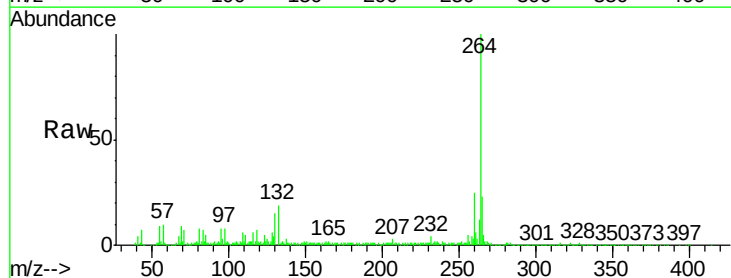
Instrument :
 BNA_F
 ClientSampleId :
 SB-103-1.0-2.0

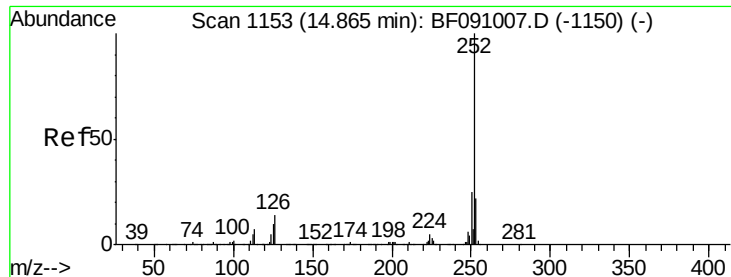
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	26.0	39.0#
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF091037.D
 Acq: 4 Nov 2016 22:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	23.4	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 56.41 ng

RT: 14.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

Instrument :

BNA_F

ClientSampleId :

SB-103-1.0-2.0

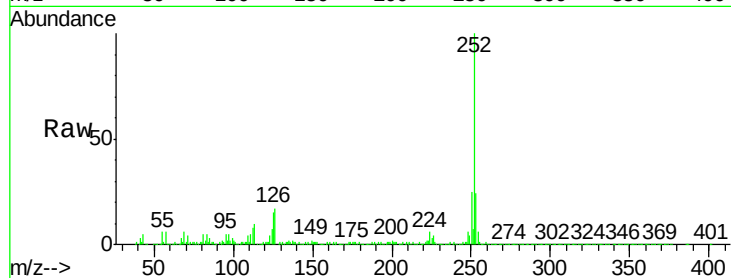
Tgt Ion:252 Resp: 1461267

Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

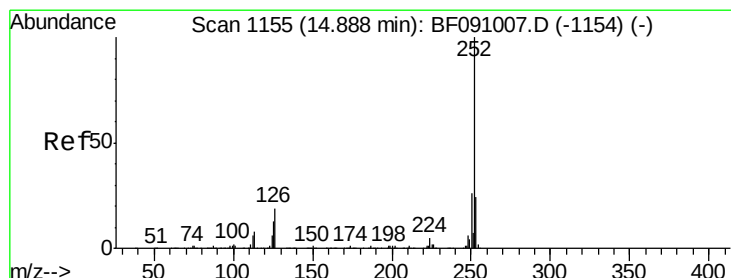
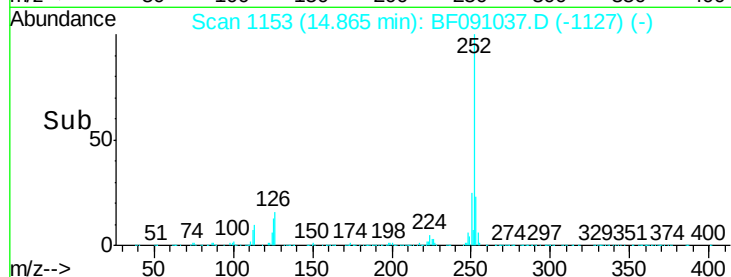
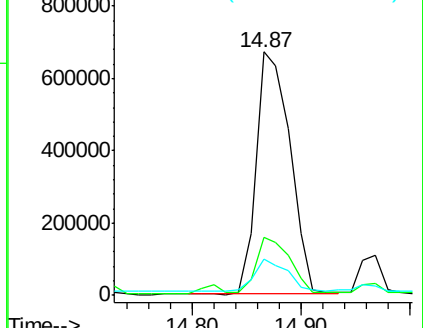
125 15.0 8.3 12.5#



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



#88

Benzo(k)fluoranthene

Concen: 64.30 ng

RT: 14.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

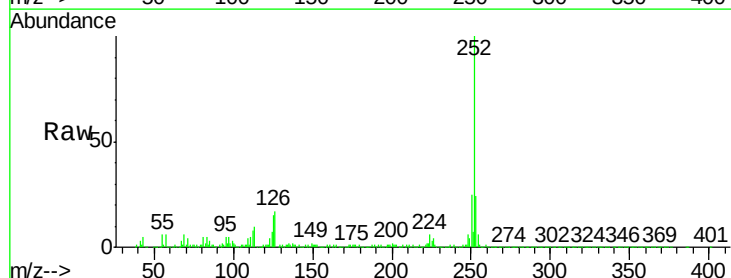
Tgt Ion:252 Resp: 1461267

Ion Ratio Lower Upper

252 100

253 23.7 18.6 28.0

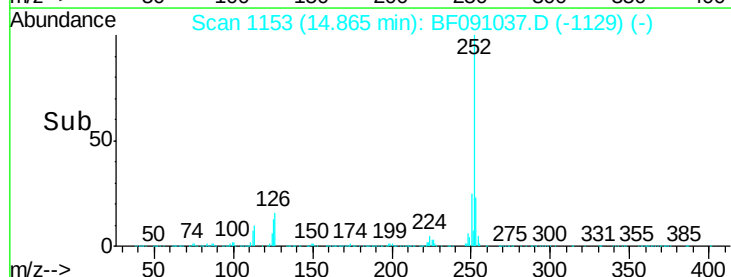
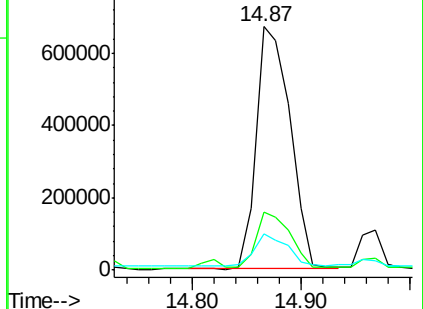
125 15.0 11.2 16.8

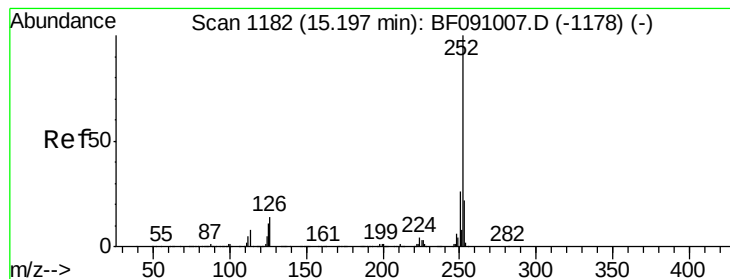


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 30.78 ng

RT: 15.20 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

Instrument :

BNA_F

ClientSampleId :

SB-103-1.0-2.0

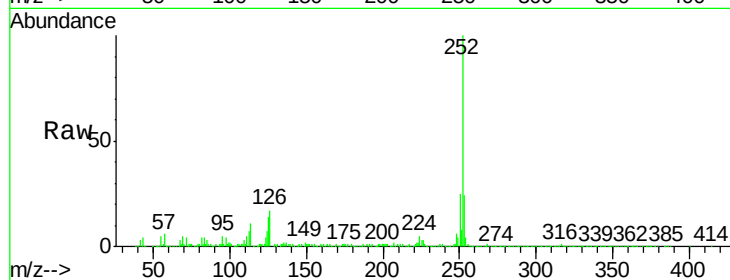
Tgt Ion:252 Resp: 694048

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.8

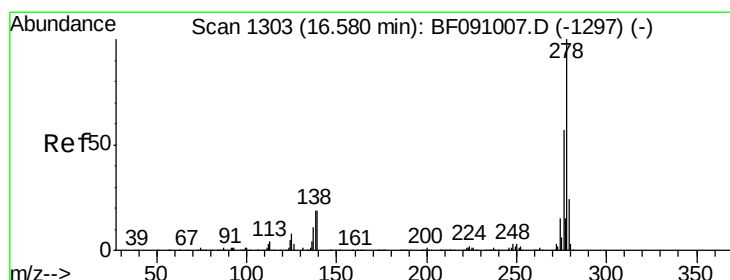
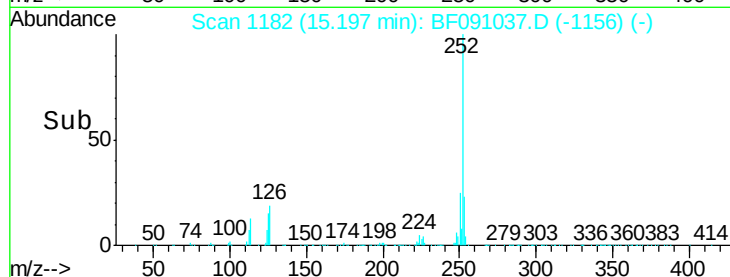
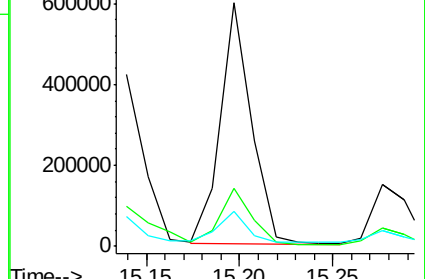
125 14.2 8.6 13.0#



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: 5.95 ng

RT: 16.57 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF091037.D

Acq: 4 Nov 2016 22:57

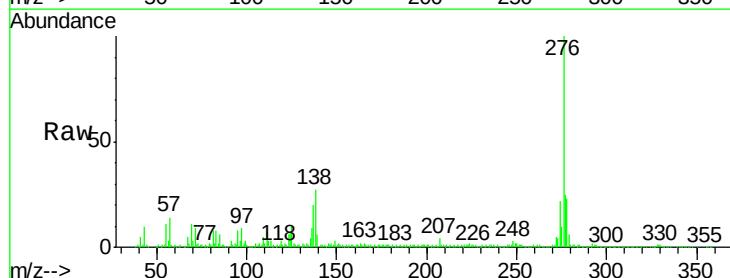
Tgt Ion:278 Resp: 116031

Ion Ratio Lower Upper

278 100

139 27.7 15.3 22.9#

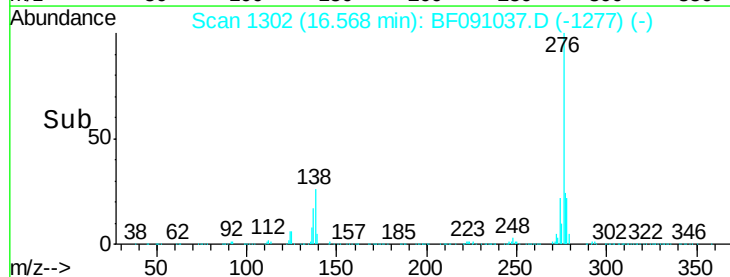
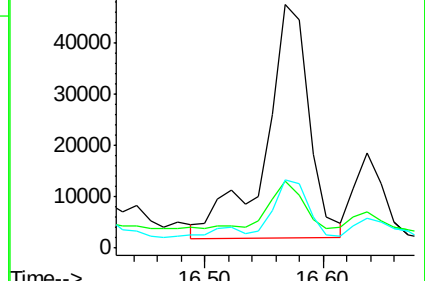
279 28.1 19.3 28.9

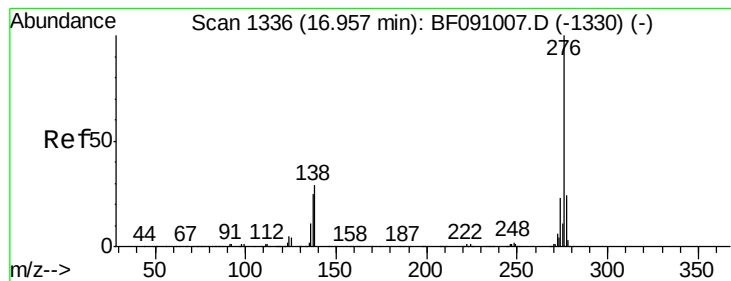


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.46 ng

RT: 16.97 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF091037.D

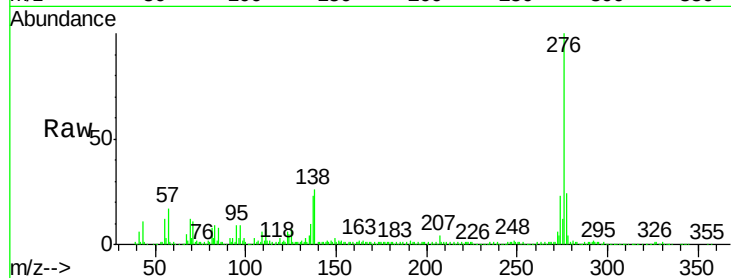
Acq: 4 Nov 2016 22:57

Instrument :

BNA_F

ClientSampleId :

SB-103-1.0-2.0



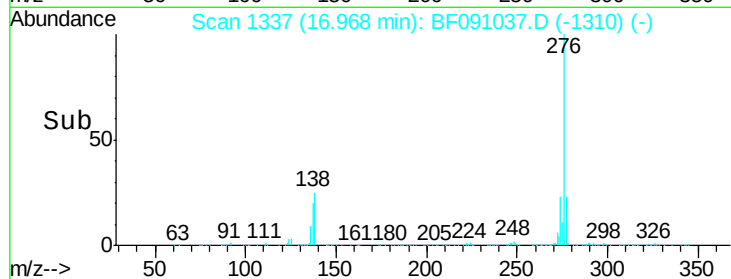
Tgt Ion: 276 Resp: 325453

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 26.1 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

