

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091039.D
 Acq On : 4 Nov 2016 23:52
 Operator : UM/SJ
 Sample : H5526-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-105-0.5-1.0

Quant Time: Nov 04 23:28:13 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	187175	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	703079	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	340862	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	458184	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	451165	20.00	ng	0.01
86) Perylene-d12	15.27	264	361264	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	989164	87.28	ng	0.01
7) Phenol-d6	6.36	99	1540621	100.15	ng	0.01
23) Nitrobenzene-d5	7.28	82	967394	75.06	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	275677	89.46	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1280541	64.68	ng	0.00
78) Terphenyl-d14	12.82	244	1137917	62.94	ng	0.01

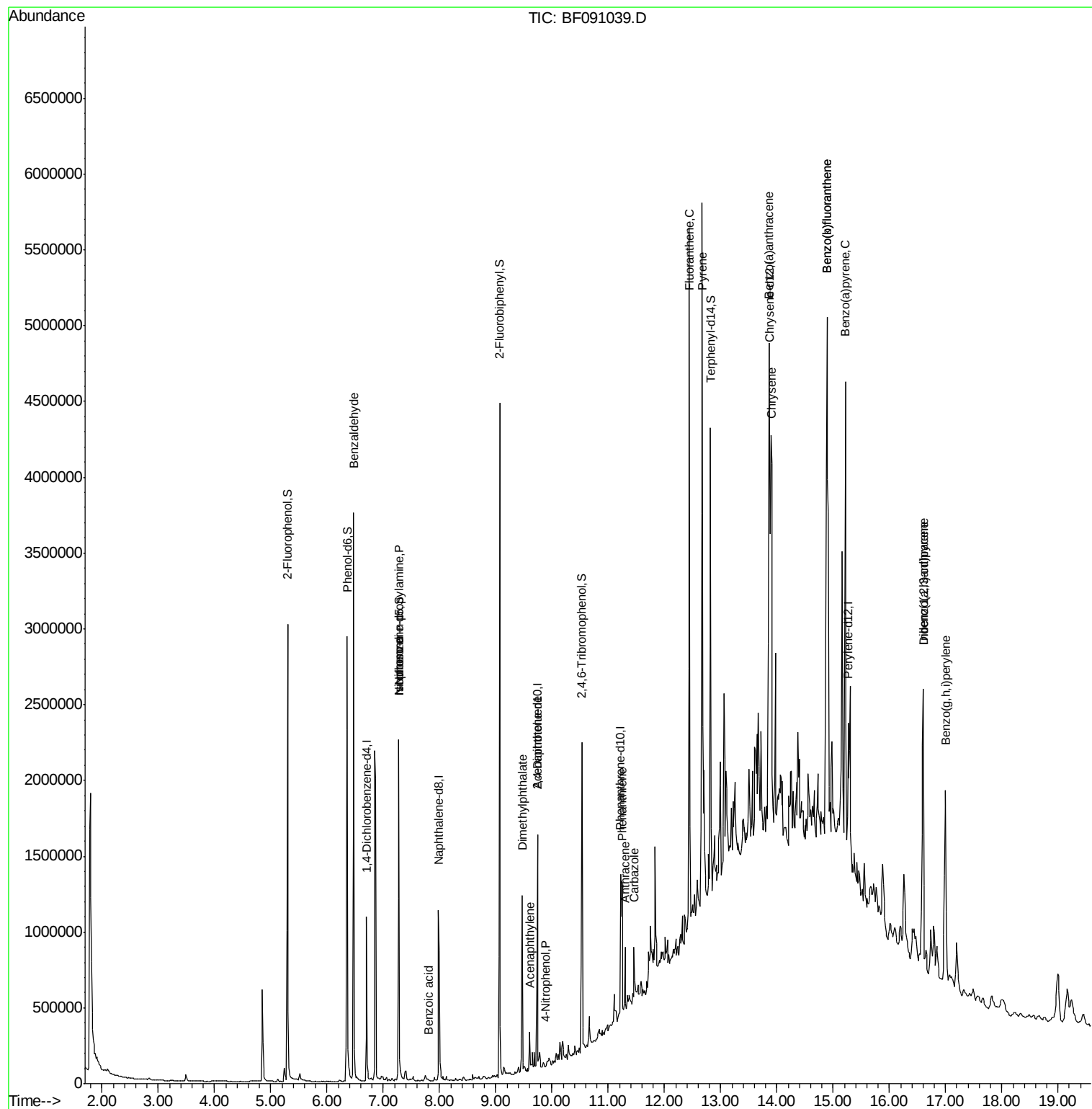
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	26158	3.06	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	137014	12.85	ng	# 75
25) Isophorone	7.28	82	930790	37.48	ng	# 67
32) Benzoic acid	7.80	122	1021	5.19	ng	# 29
48) Acenaphthylene	9.61	152	130338	4.43	ng	98
49) Dimethylphthalate	9.47	163	433355	19.39	ng	99
55) 4-Nitrophenol	9.89	139	481	5.85	ng	# 1
56) 2,4-Dinitrotoluene	9.74	165	47537	7.80	ng	# 26
70) Phenanthrene	11.25	178	526012	21.60	ng	98
71) Anthracene	11.30	178	191068	7.38	ng	98
72) Carbazole	11.46	167	148782	6.38	ng	98
74) Fluoranthene	12.44	202	2105470	83.35	ng	94
77) Pyrene	12.67	202	2251931	76.22	ng	99
80) Benzo(a)anthracene	13.86	228	1886854	73.66	ng	95
82) Chrysene	13.91	228	1421369	56.27	ng	97
85) Indeno(1,2,3-cd)pyrene	16.60	276	1208780	57.68	ng	# 91
87) Benzo(b)fluoranthene	14.89	252	3377061	137.83	ng	97
88) Benzo(k)fluoranthene	14.89	252	3377061	157.12	ng	# 95
89) Benzo(a)pyrene	15.22	252	1650221	77.36	ng	96
90) Dibenzo(a,h)anthracene	16.60	278	349080	18.93	ng	95
91) Benzo(g,h,i)perylene	17.00	276	1059248	63.52	ng	93

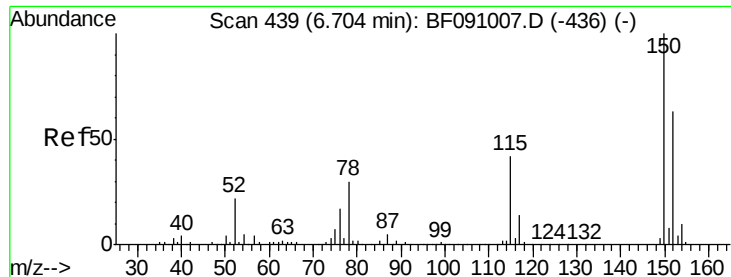
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091039.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-105-0.5-1.0

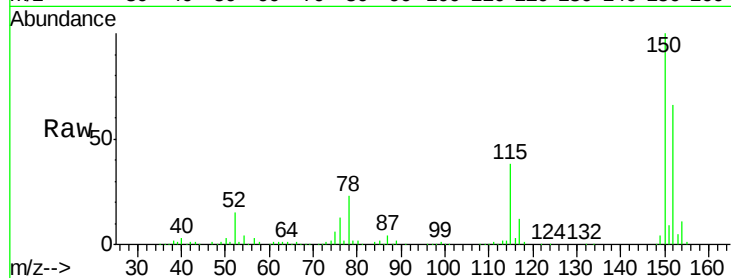
Tgt Ion:152 Resp: 187175

Ion Ratio Lower Upper

152 100

150 151.5 126.8 190.2

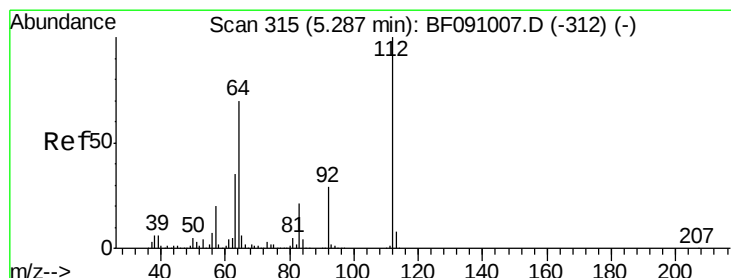
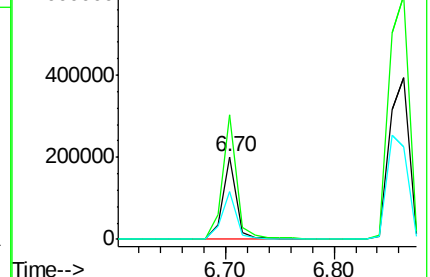
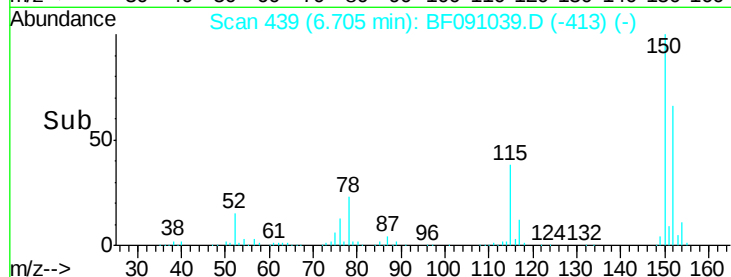
115 57.2 53.3 79.9



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: 87.28 ng

RT: 5.30 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

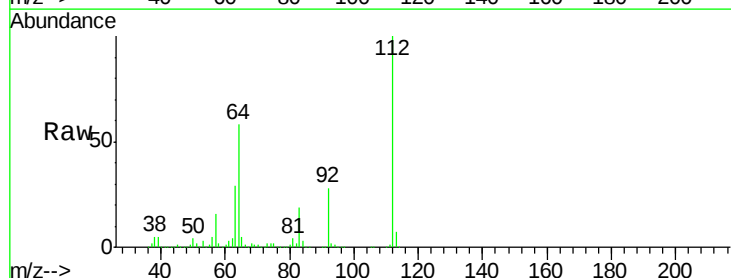
Tgt Ion:112 Resp: 989164

Ion Ratio Lower Upper

112 100

64 57.8 55.8 83.6

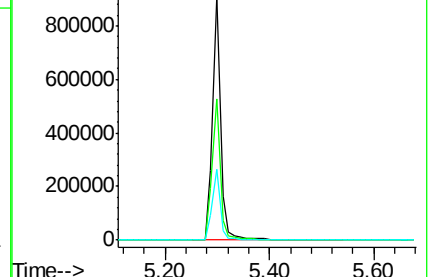
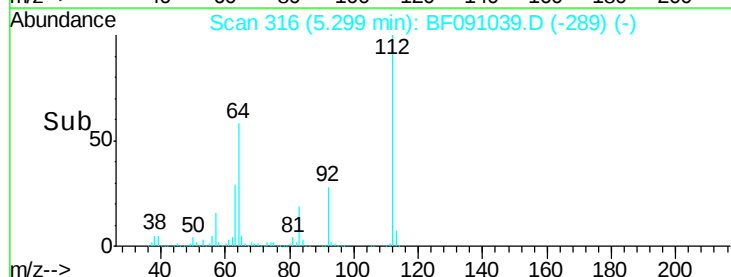
63 29.0 28.0 42.0

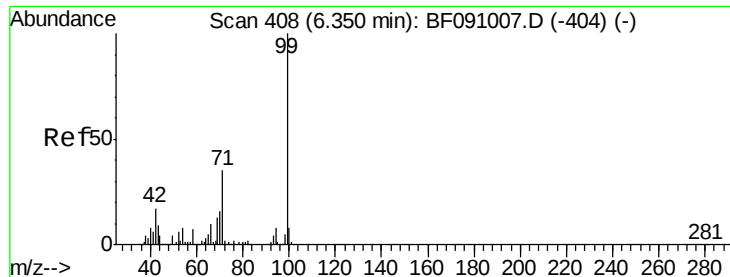


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.15 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-105-0.5-1.0

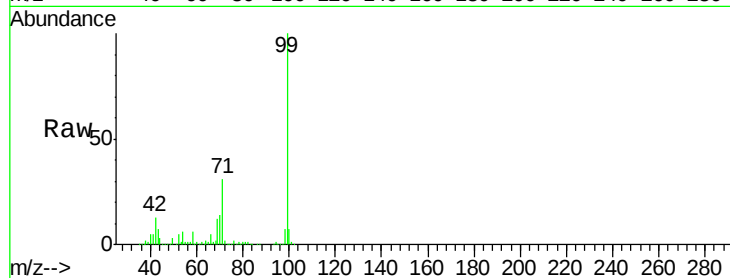
Tgt Ion: 99 Resp: 1540621

Ion Ratio Lower Upper

99 100

42 13.4 13.9 20.9#

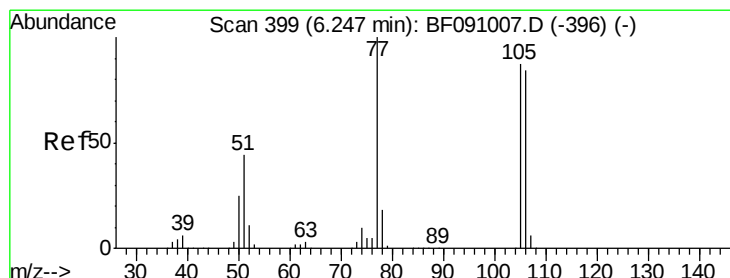
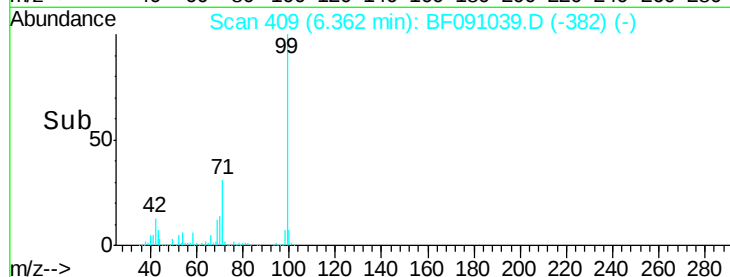
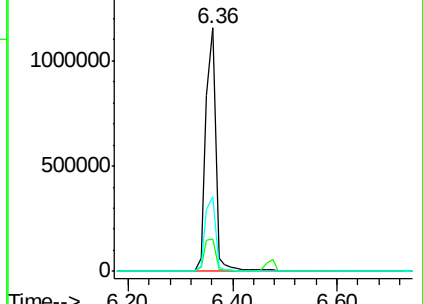
71 30.7 27.8 41.8



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: 3.06 ng

RT: 6.48 min Scan# 419

Delta R.T. 0.23 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

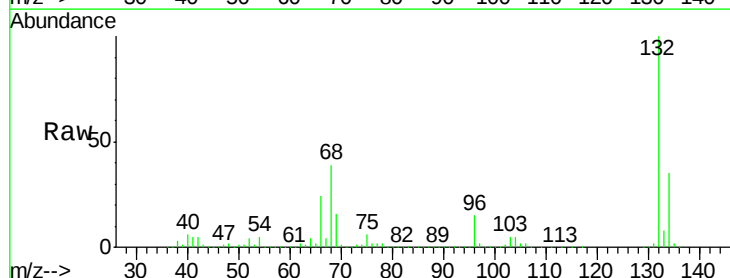
Tgt Ion: 77 Resp: 26158

Ion Ratio Lower Upper

77 100

105 83.4 66.8 106.8

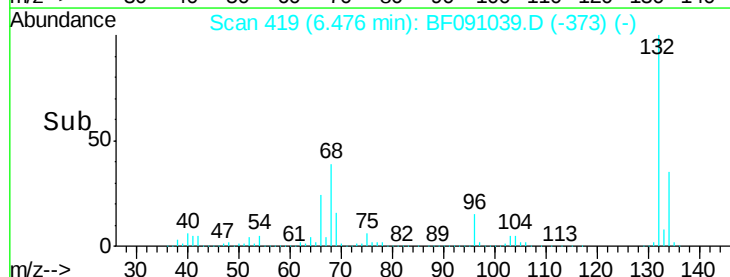
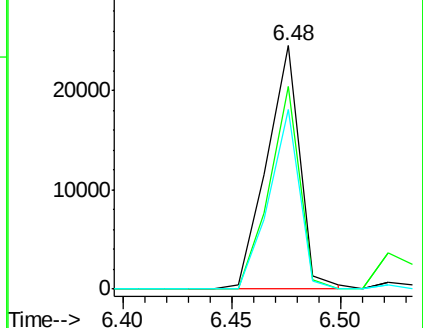
106 73.9 64.0 104.0

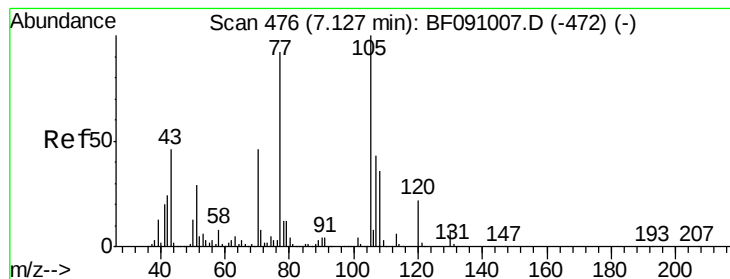


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 12.85 ng

RT: 7.28 min Scan# 489

Delta R.T. 0.15 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-105-0.5-1.0

Tgt Ion: 70 Resp: 137014

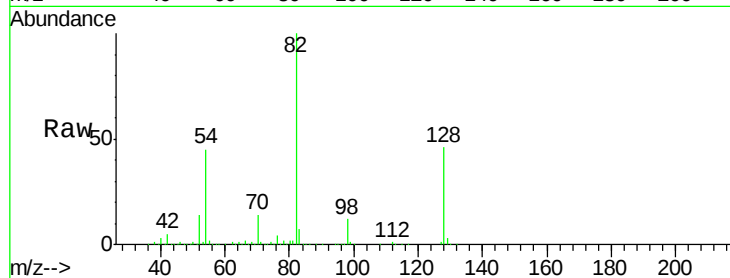
Ion Ratio Lower Upper

70 100

42 36.7 41.7 62.5#

101 0.0 6.7 10.1#

130 2.2 13.8 20.8#

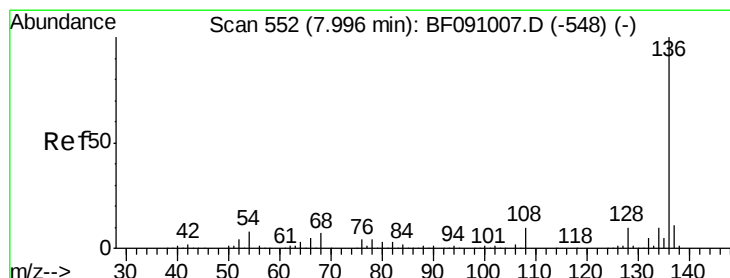
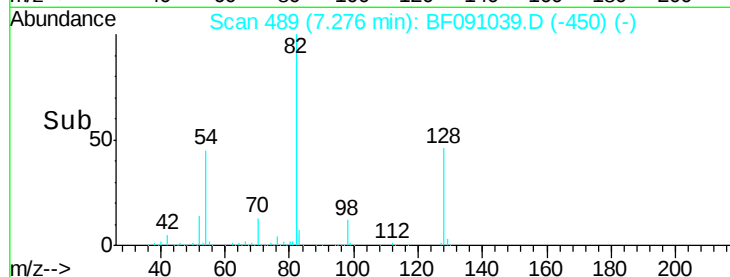
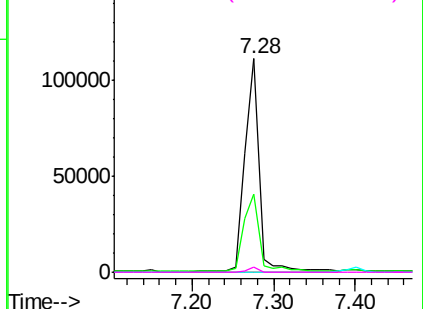


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

Tgt Ion: 136 Resp: 703079

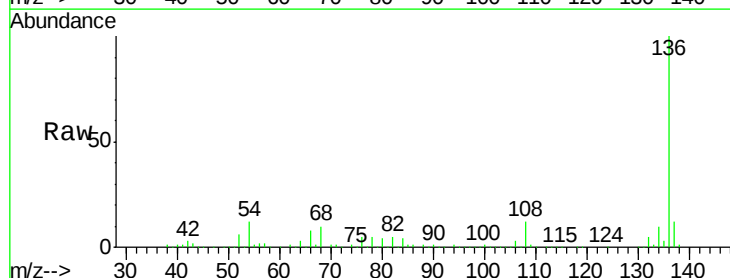
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 11.7 6.2 9.2#

68 9.7 5.5 8.3#

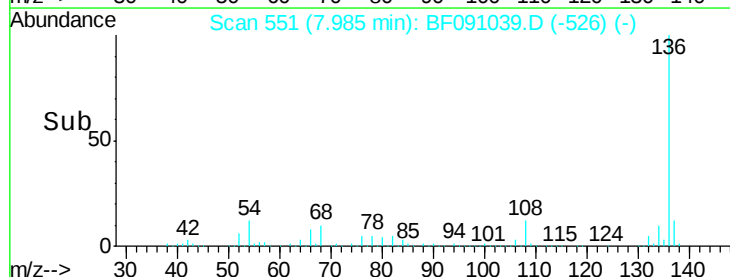
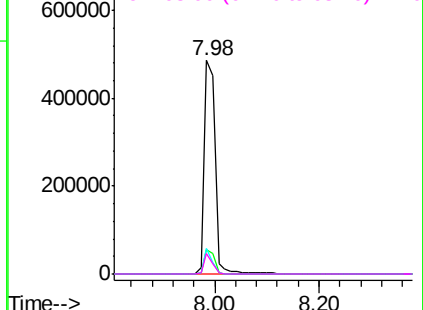


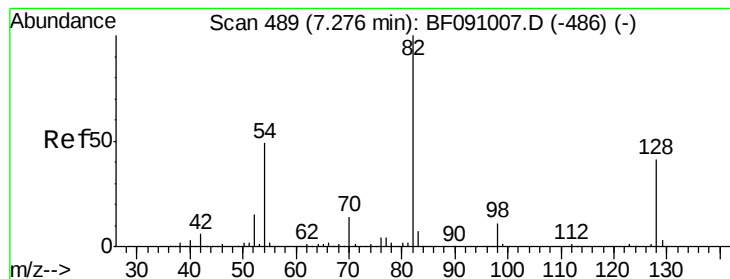
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 75.06 ng

RT: 7.28 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-105-0.5-1.0

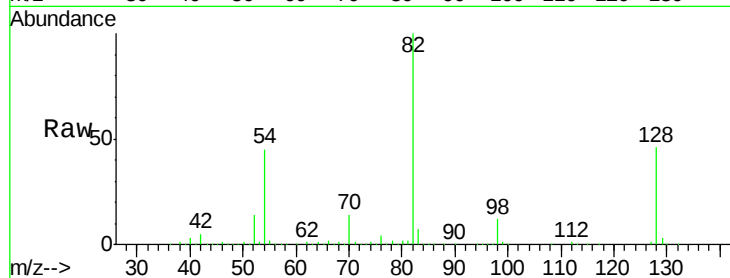
Tgt Ion: 82 Resp: 967394

Ion Ratio Lower Upper

82 100

128 46.5 32.4 48.6

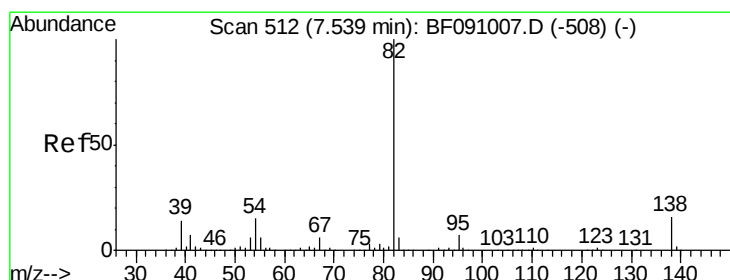
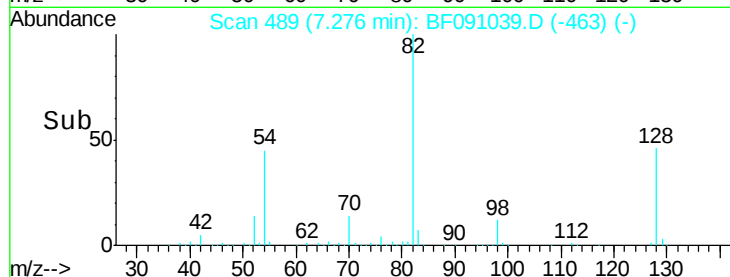
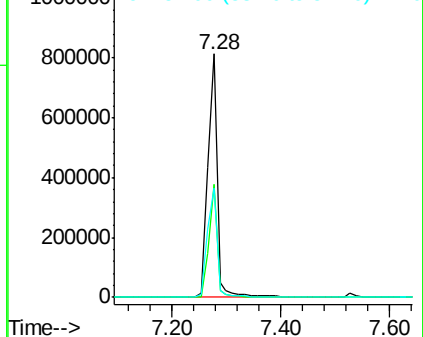
54 44.8 39.2 58.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 37.48 ng

RT: 7.28 min Scan# 489

Delta R.T. -0.26 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

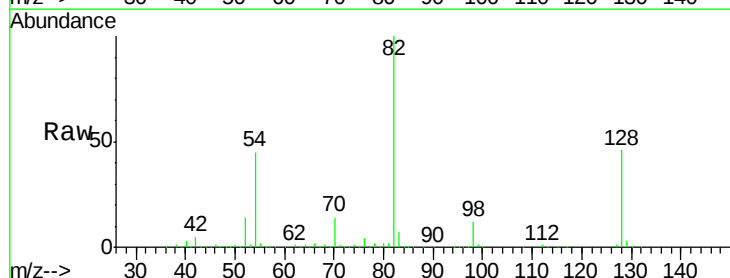
Tgt Ion: 82 Resp: 930790

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

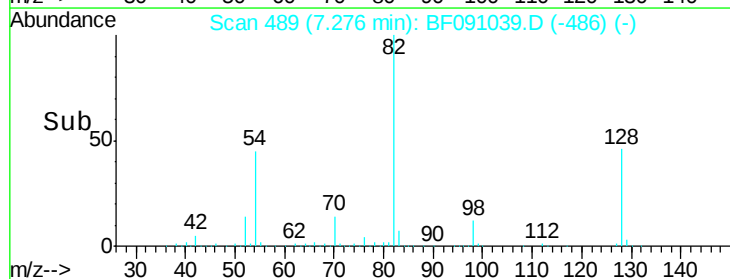
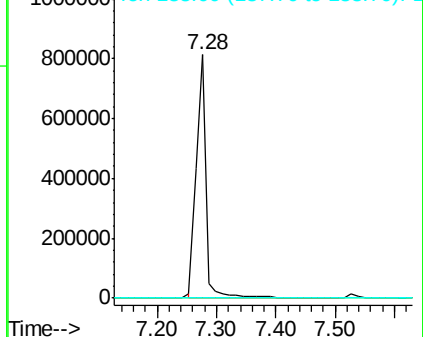
138 0.0 13.0 19.4#

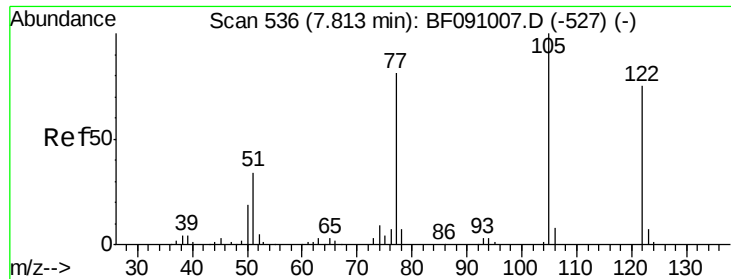


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#32

Benzoic acid

Concen: 5.19 ng

RT: 7.80 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF091039.D

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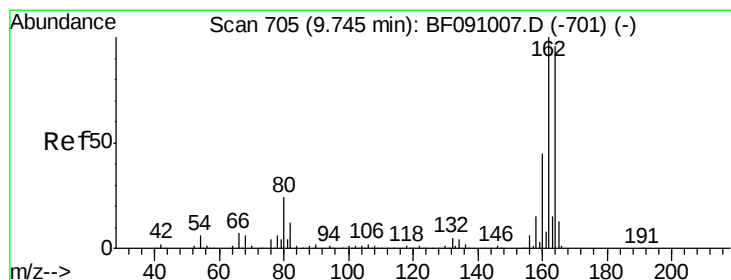
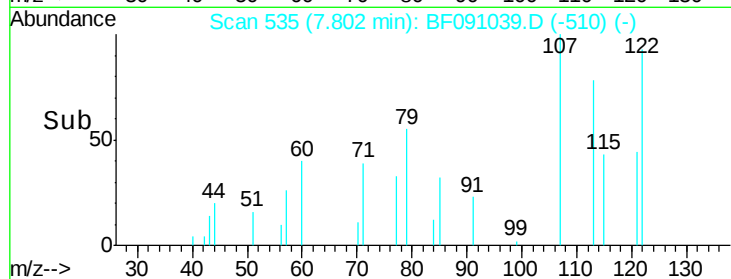
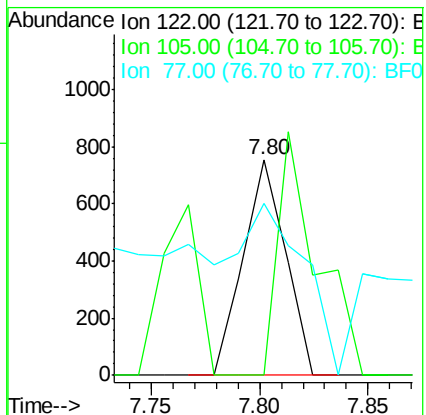
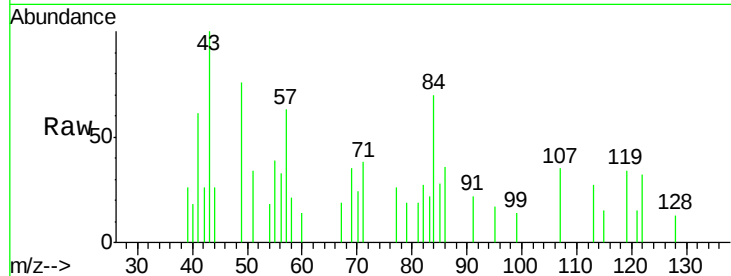
Tgt Ion:122 Resp: 1021

Ion Ratio Lower Upper

122 100

105 0.0 105.9 145.9#

77 79.9 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: BF091039.D

Acq: 4 Nov 2016 23:52

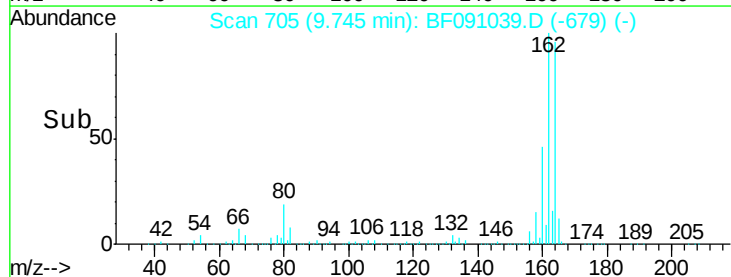
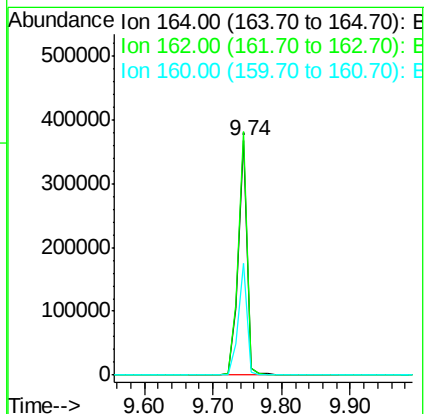
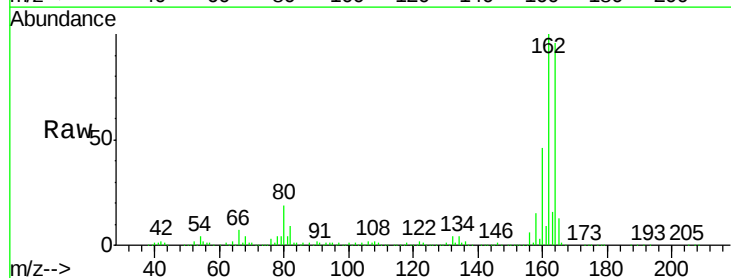
Tgt Ion:164 Resp: 340862

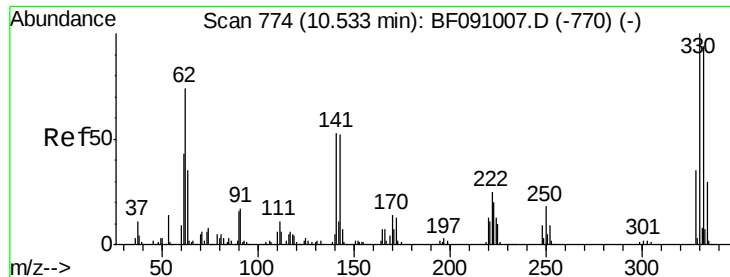
Ion Ratio Lower Upper

164 100

162 103.8 83.6 125.4

160 47.8 37.9 56.9

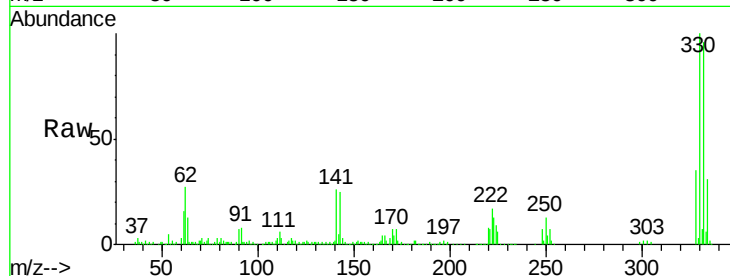




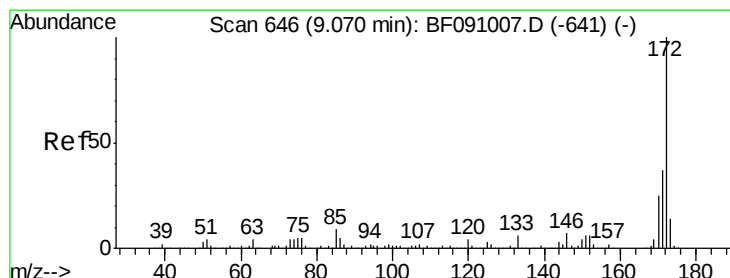
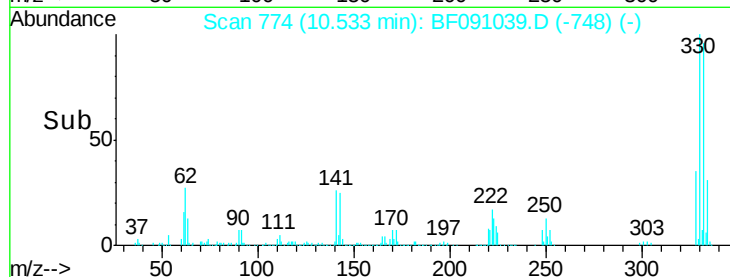
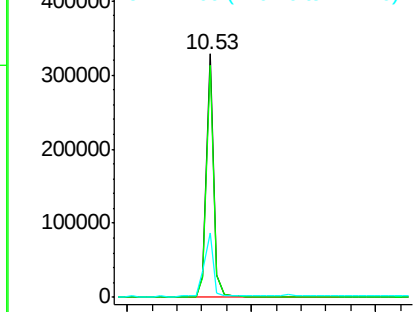
#41
 2,4,6-Tribromophenol
 Concen: 89.46 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF091039.D
 Acq: 4 Nov 2016 23:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-105-0.5-1.0

Tgt Ion:330 Resp: 275677
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.9 113.9
 141 32.9 36.1 54.1#

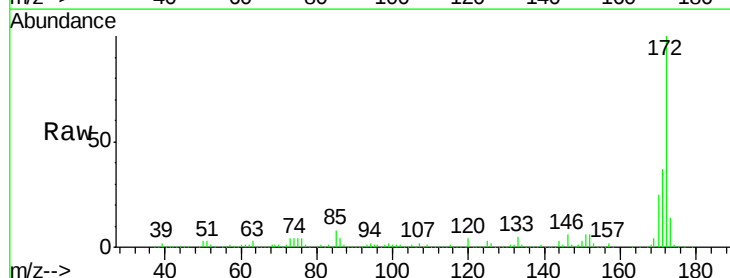


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

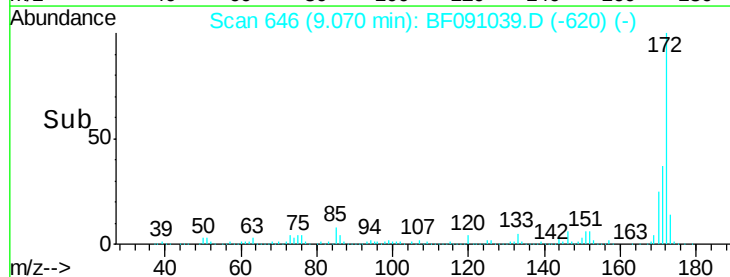
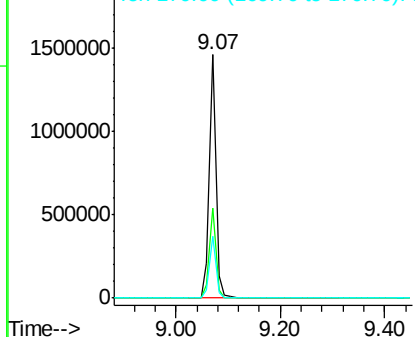


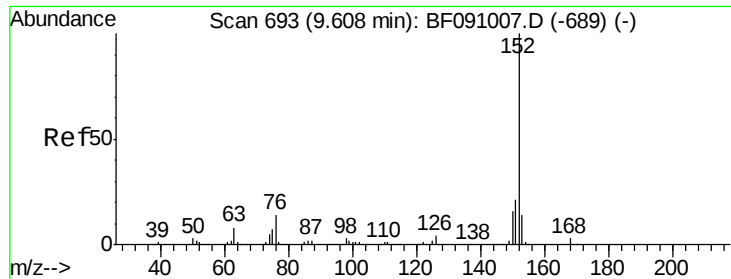
#44
 2-Fluorobiphenyl
 Concen: 64.68 ng
 RT: 9.07 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF091039.D
 Acq: 4 Nov 2016 23:52

Tgt Ion:172 Resp: 1280541
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.3 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: 4.43 ng

RT: 9.61 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-105-0.5-1.0

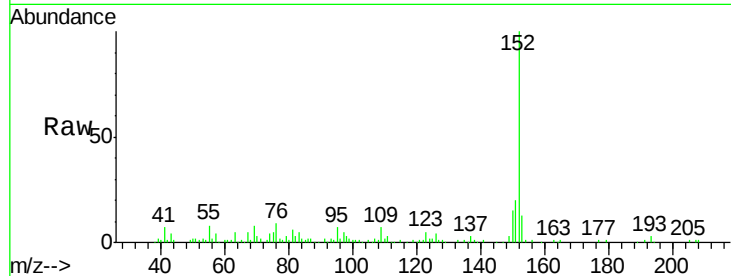
Tgt Ion:152 Resp: 130338

Ion Ratio Lower Upper

152 100

151 20.2 16.7 25.1

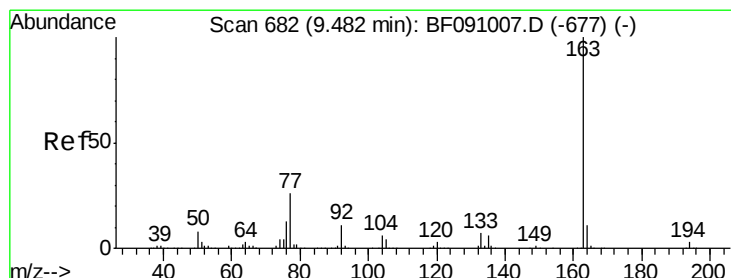
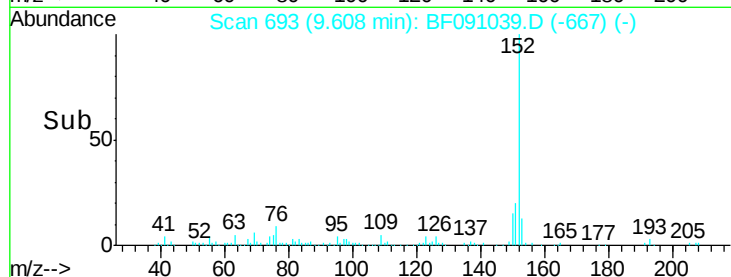
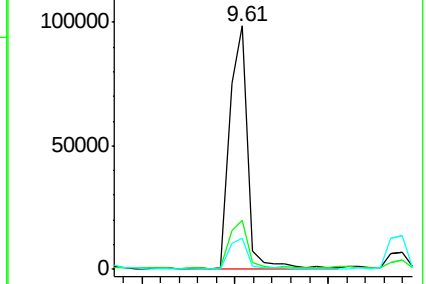
153 12.6 11.1 16.7



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: 19.39 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

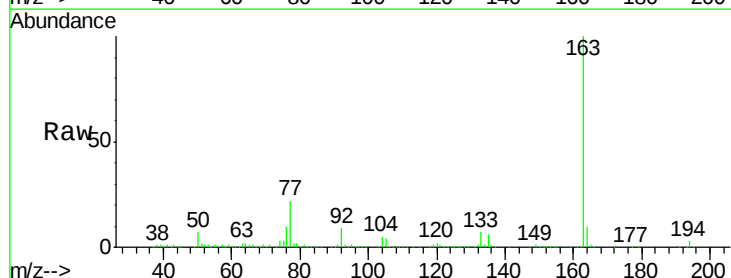
Tgt Ion:163 Resp: 433355

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

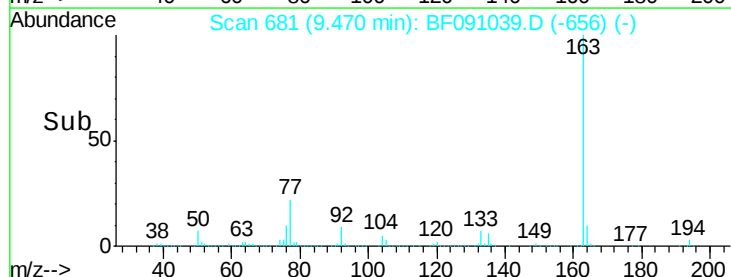
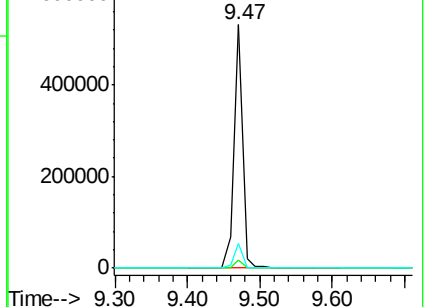
164 10.2 8.7 13.1

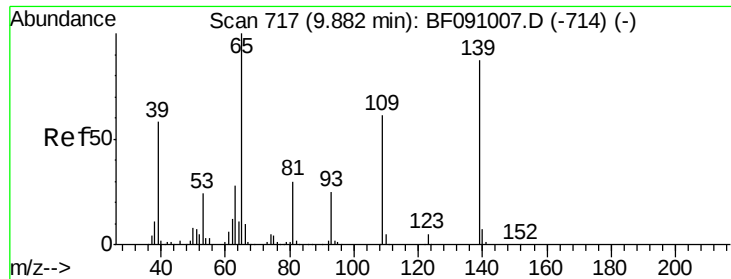


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#55

4-Nitrophenol

Concen: 5.85 ng

RT: 9.89 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-105-0.5-1.0

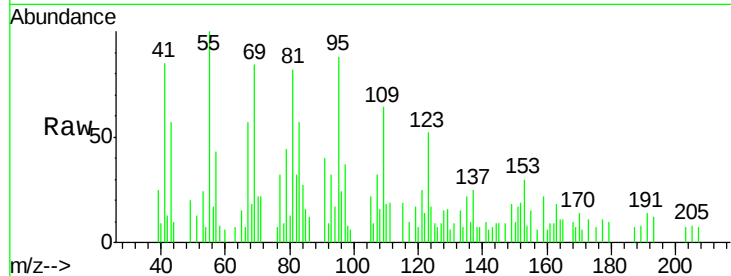
Tgt Ion:139 Resp: 481

Ion Ratio Lower Upper

139 100

109 881.1 50.5 90.5#

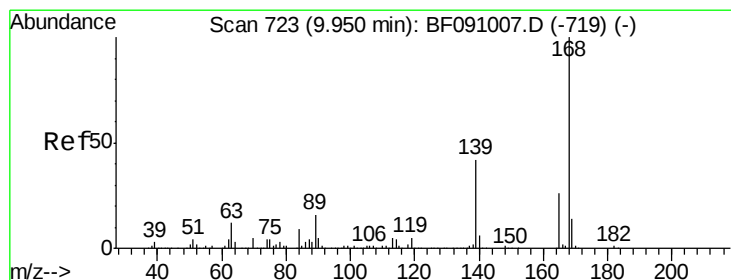
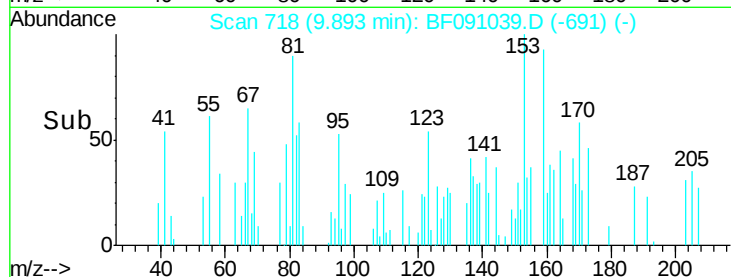
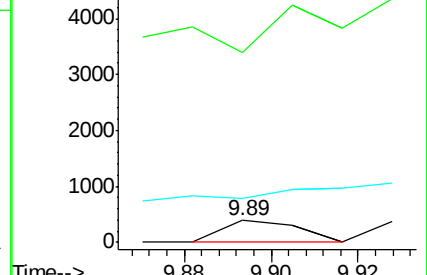
65 201.8 97.1 137.1#



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: 7.80 ng

RT: 9.74 min Scan# 705

Delta R.T. -0.21 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

Tgt Ion:165 Resp: 47537

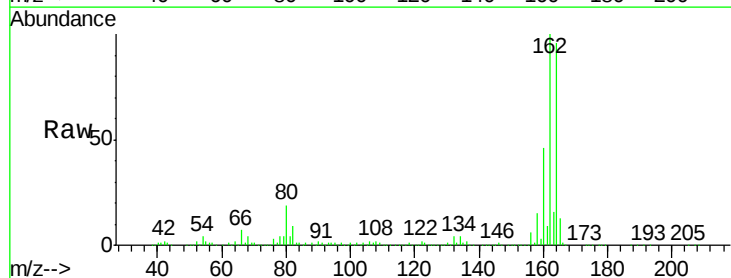
Ion Ratio Lower Upper

165 100

63 1.4 38.7 58.1#

89 1.1 50.6 76.0#

182 0.0 1.8 2.8#

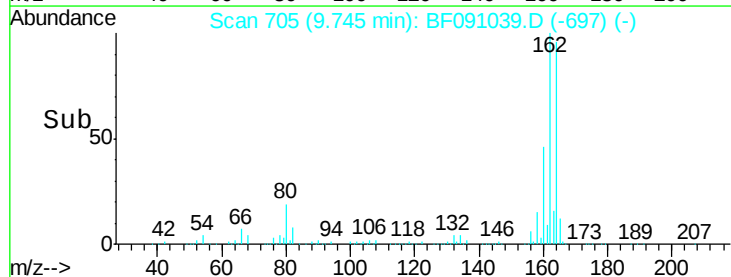
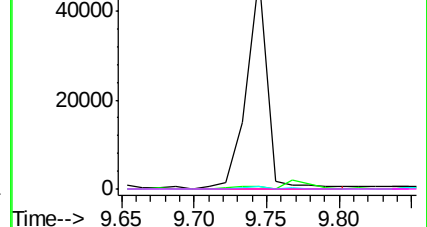


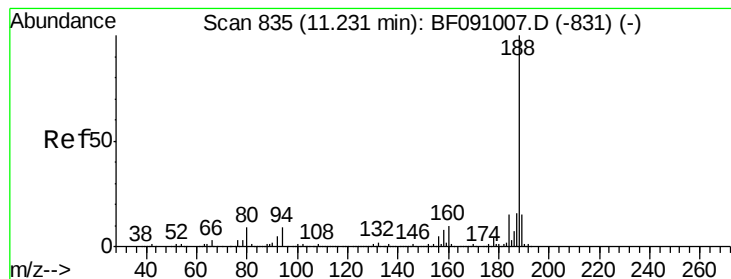
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-105-0.5-1.0

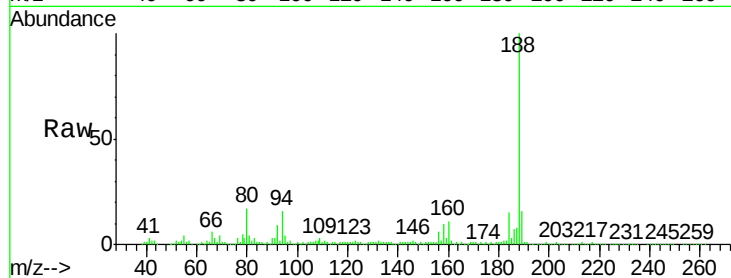
Tgt Ion:188 Resp: 458184

Ion Ratio Lower Upper

188 100

94 15.5 7.0 10.4#

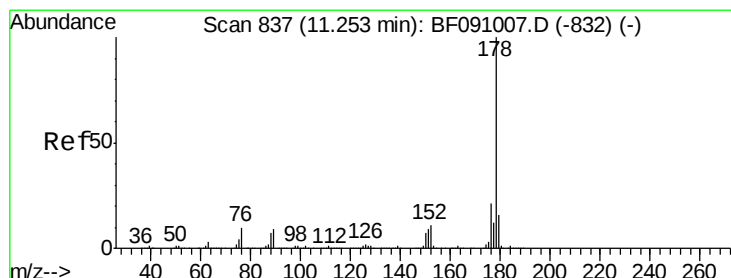
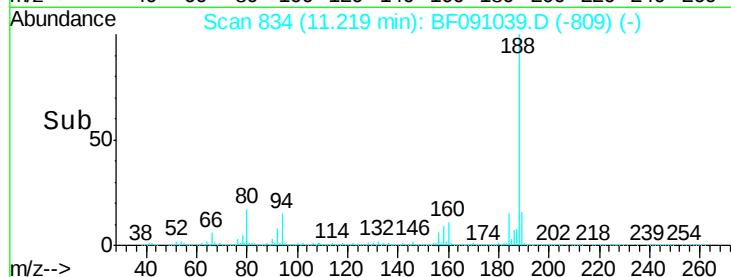
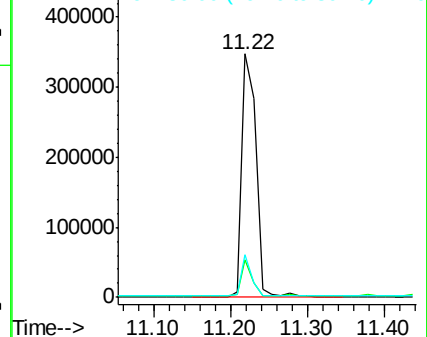
80 17.4 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 21.60 ng

RT: 11.25 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

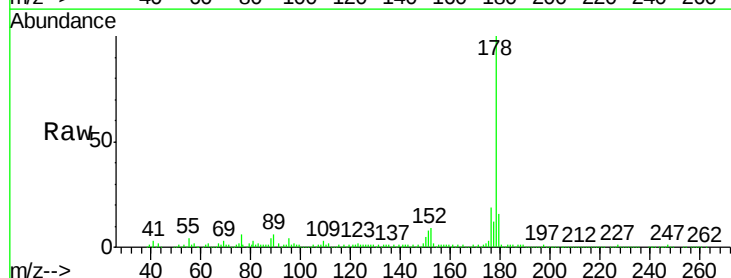
Tgt Ion:178 Resp: 526012

Ion Ratio Lower Upper

178 100

176 19.5 16.6 25.0

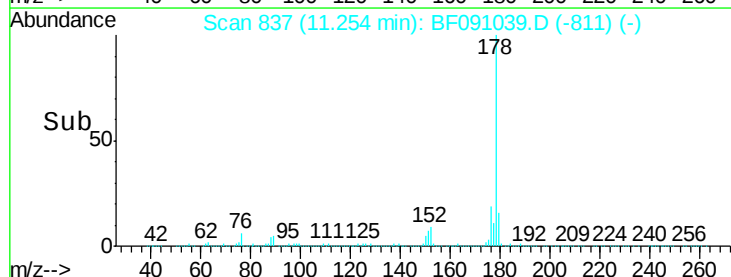
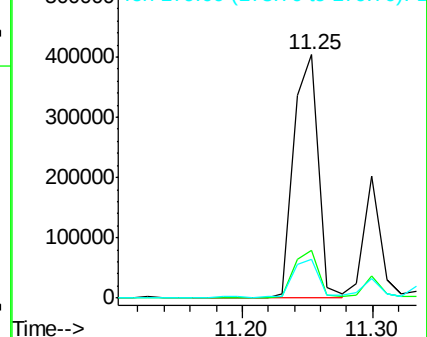
179 15.9 12.9 19.3

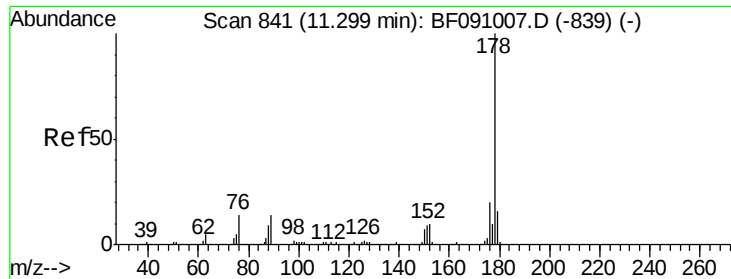


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

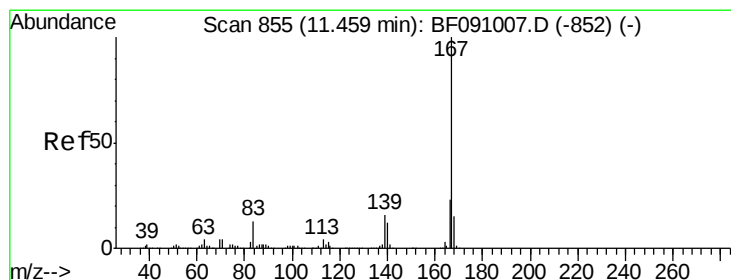
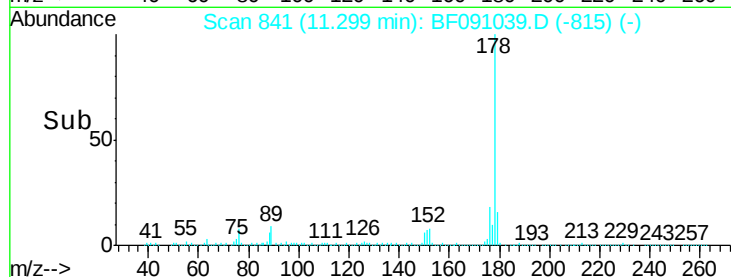
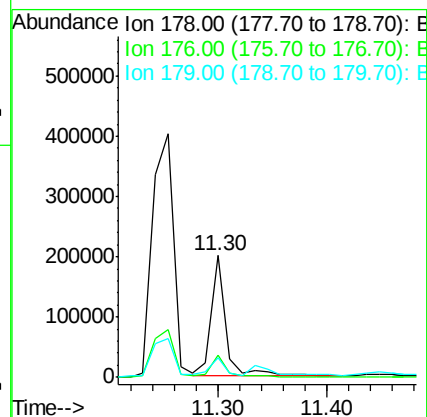
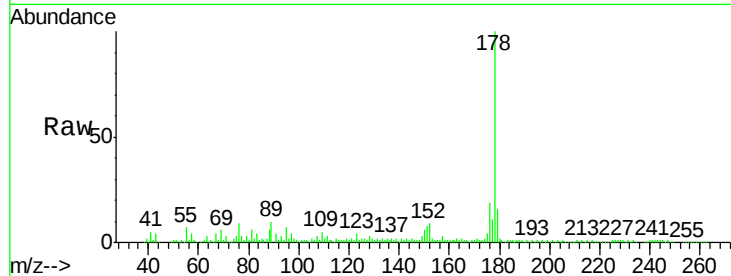




#71
 Anthracene
 Concen: 7.38 ng
 RT: 11.30 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF091039.D
 Acq: 4 Nov 2016 23:52

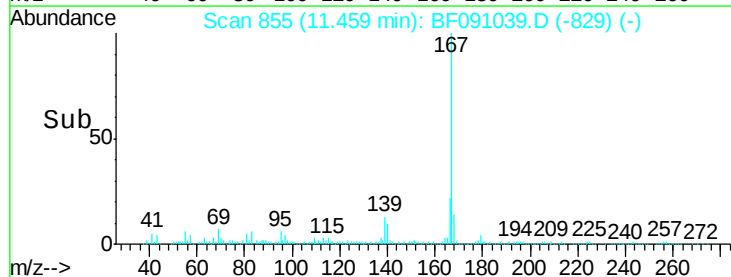
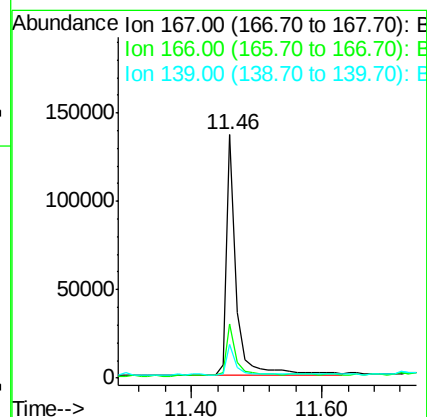
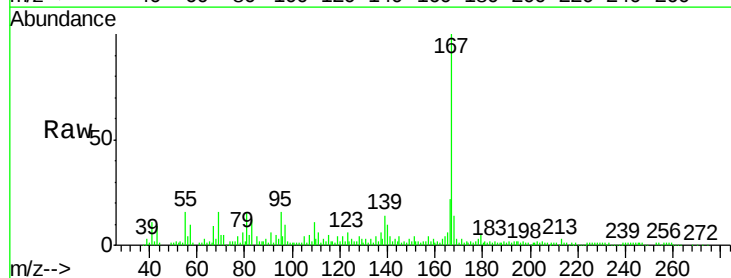
Instrument :
 BNA_F
 ClientSampleId :
 SB-105-0.5-1.0

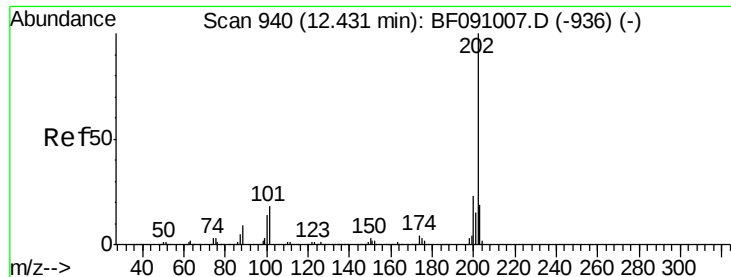
Tgt Ion:178 Resp: 191068
 Ion Ratio Lower Upper
 178 100
 176 18.6 16.0 24.0
 179 16.2 13.0 19.6



#72
 Carbazole
 Concen: 6.38 ng
 RT: 11.46 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BF091039.D
 Acq: 4 Nov 2016 23:52

Tgt Ion:167 Resp: 148782
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 14.0 12.6 18.8





#74

Fluoranthene

Concen: 83.35 ng

RT: 12.44 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-105-0.5-1.0

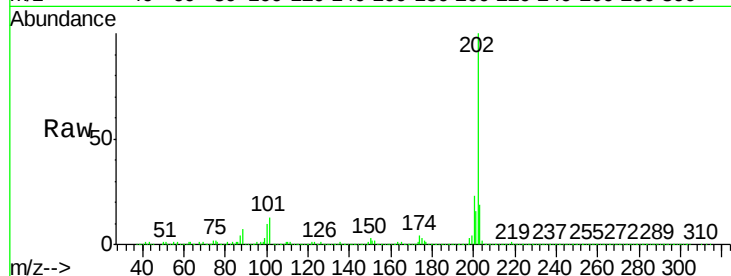
Tgt Ion:202 Resp: 2105470

Ion Ratio Lower Upper

202 100

101 13.5 0.0 37.6

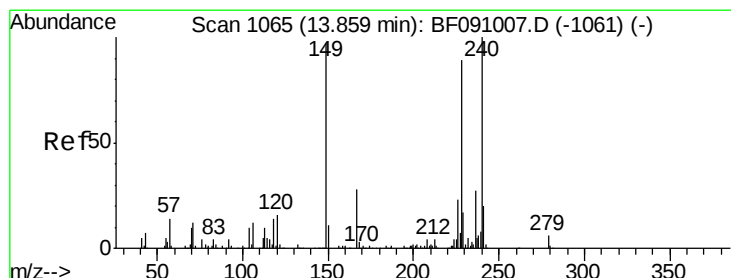
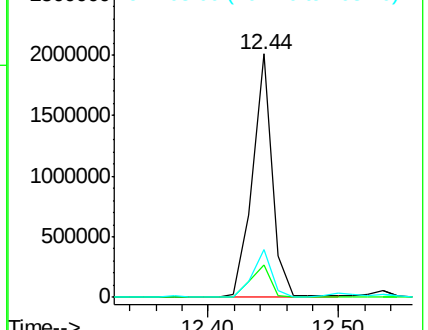
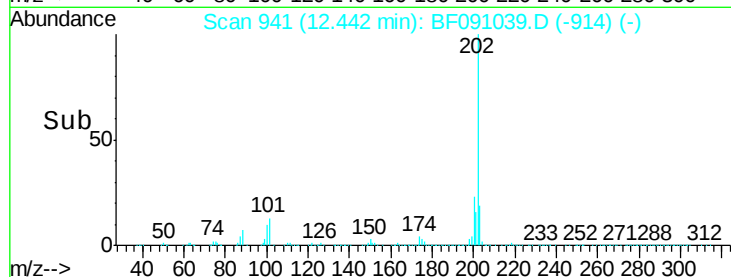
203 19.4 0.0 38.6



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: BF091039.D

Acq: 4 Nov 2016 23:52

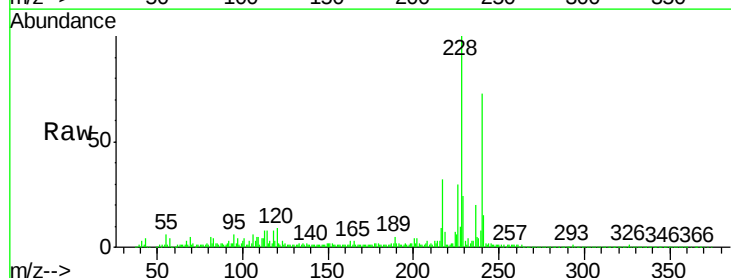
Tgt Ion:240 Resp: 451165

Ion Ratio Lower Upper

240 100

120 12.6 12.9 19.3#

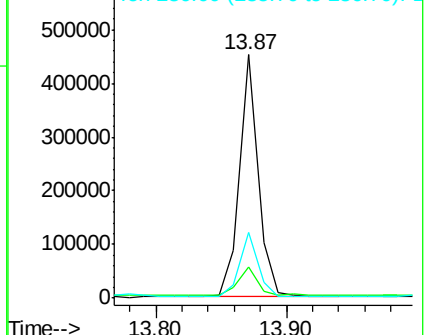
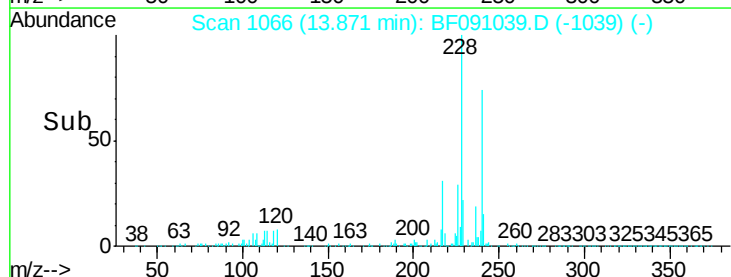
236 27.1 21.9 32.9

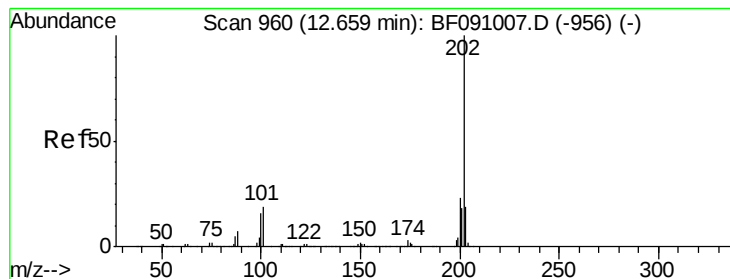


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 76.22 ng

RT: 12.67 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-105-0.5-1.0

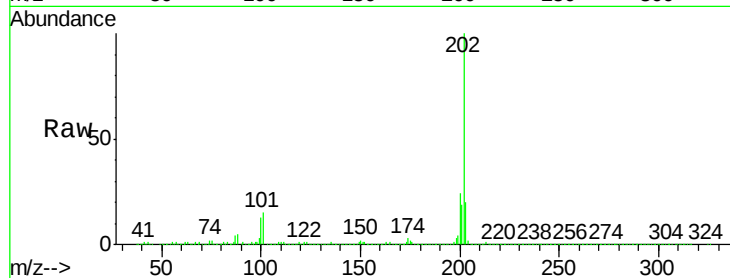
Tgt Ion:202 Resp: 2251931

Ion Ratio Lower Upper

202 100

200 23.6 18.4 27.6

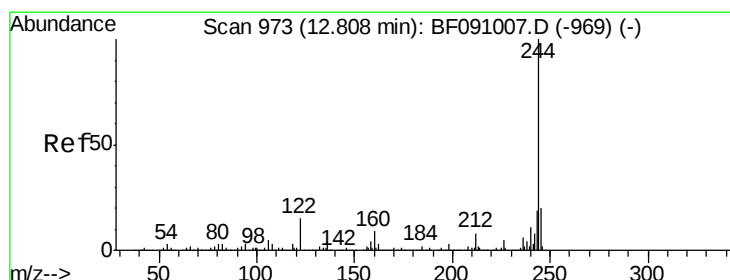
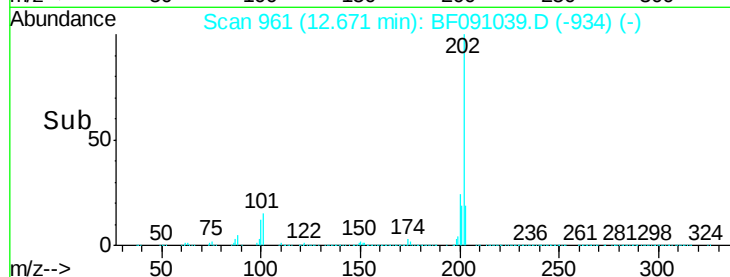
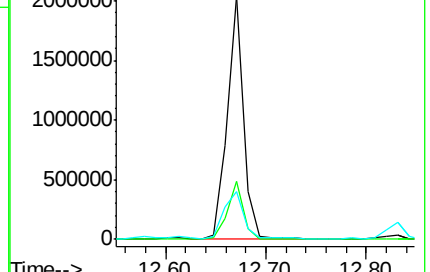
203 19.6 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.94 ng

RT: 12.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

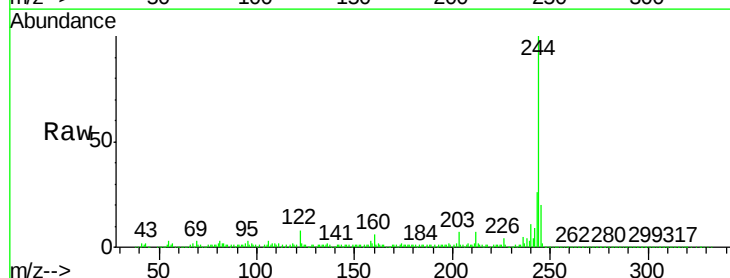
Tgt Ion:244 Resp: 1137917

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

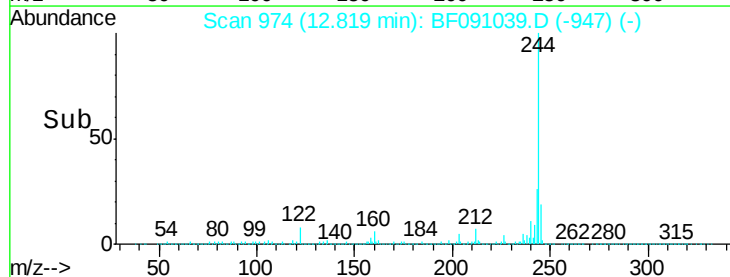
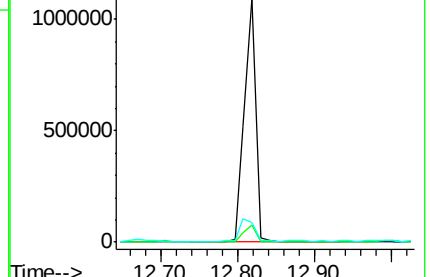
122 8.1 12.3 18.5

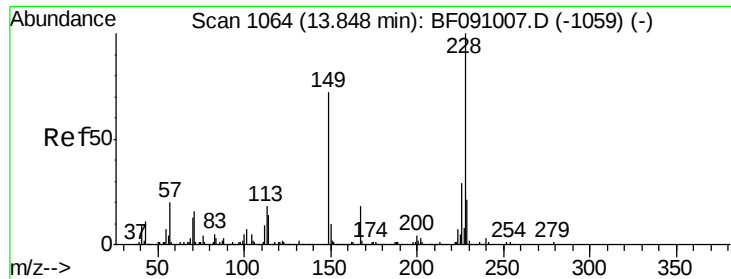


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 73.66 ng

RT: 13.86 min Scan# 1065

Delta R.T. 0.01 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-105-0.5-1.0

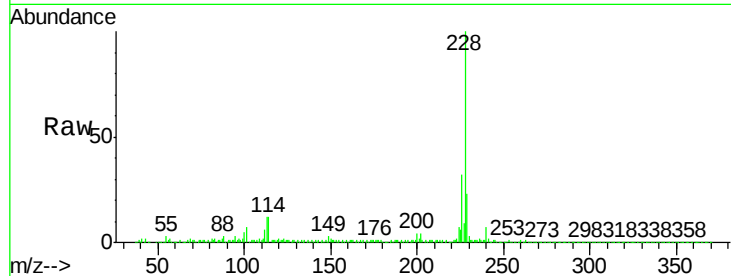
Tgt Ion:228 Resp: 1886854

Ion Ratio Lower Upper

228 100

226 31.5 23.0 34.6

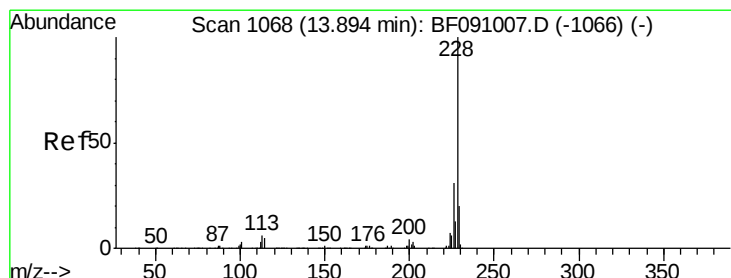
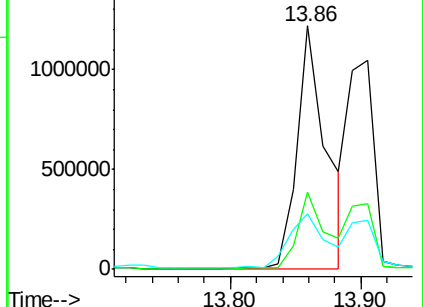
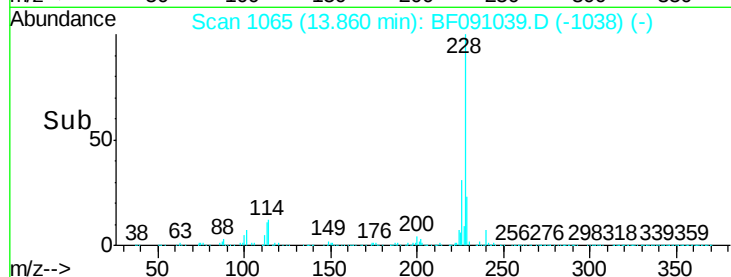
229 22.9 16.6 24.8



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



#82

Chrysene

Concen: 56.27 ng

RT: 13.91 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

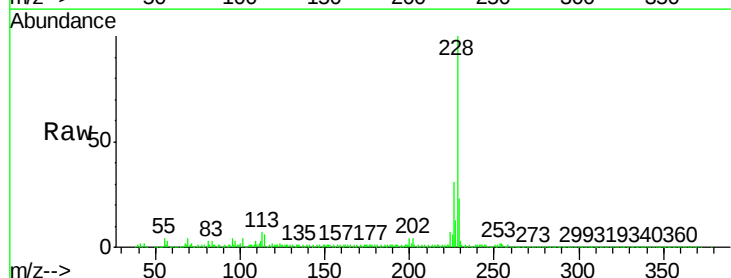
Tgt Ion:228 Resp: 1421369

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

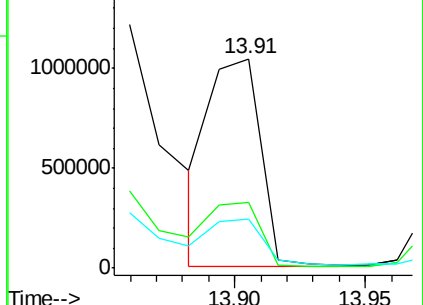
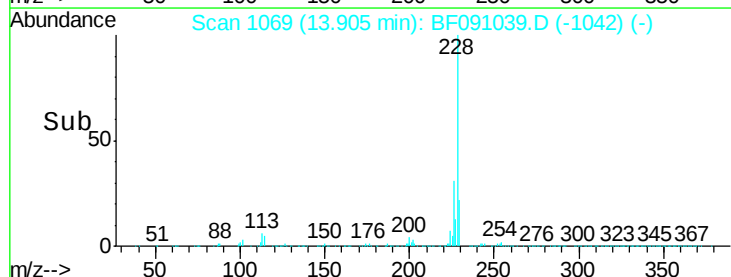
229 23.4 15.9 23.9

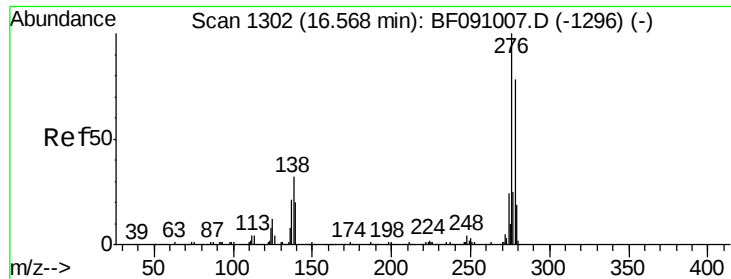


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

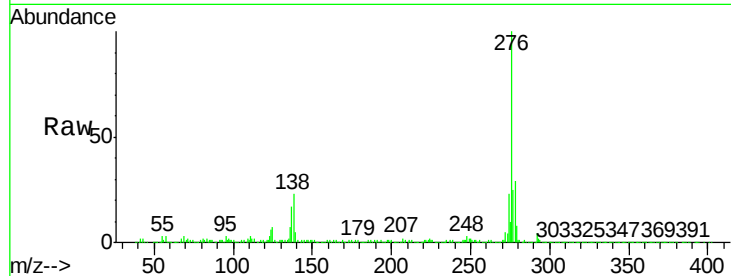




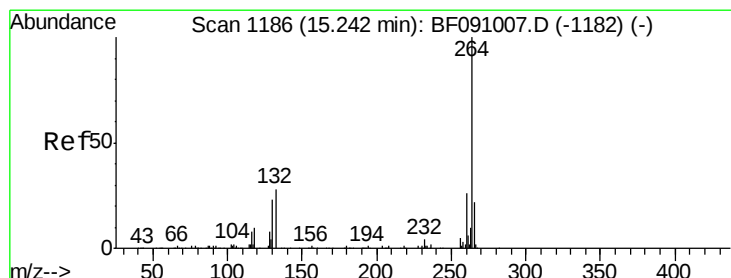
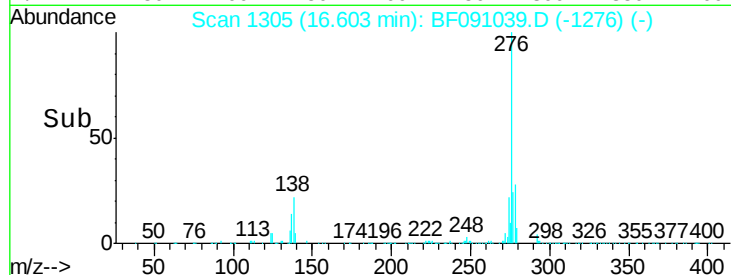
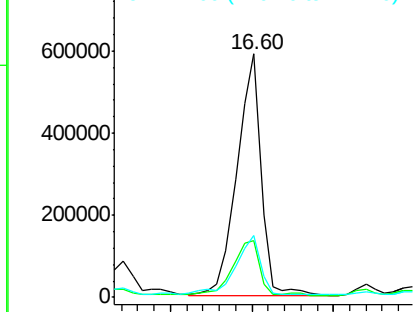
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.68 ng
 RT: 16.60 min Scan# 1305
 Delta R.T. 0.03 min
 Lab File: BF091039.D
 Acq: 4 Nov 2016 23:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-105-0.5-1.0

Tgt Ion:276 Resp: 1208780
 Ion Ratio Lower Upper
 276 100
 138 24.2 26.0 39.0#
 277 25.6 20.1 30.1

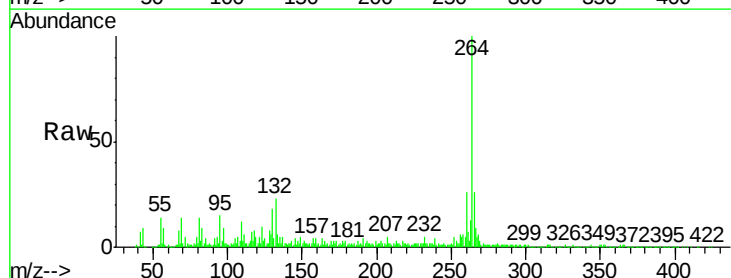


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

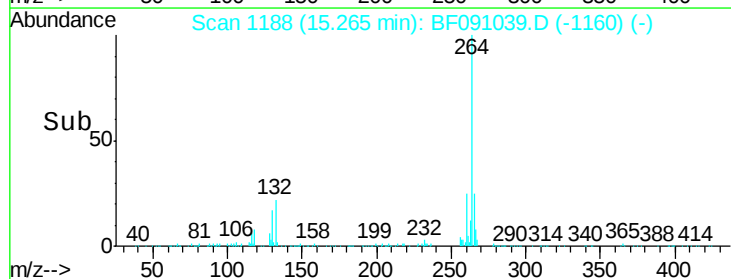
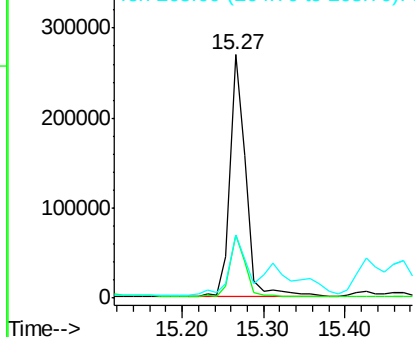


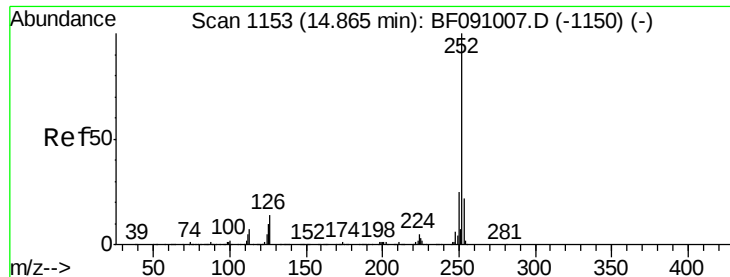
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1188
 Delta R.T. 0.02 min
 Lab File: BF091039.D
 Acq: 4 Nov 2016 23:52

Tgt Ion:264 Resp: 361264
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.6 30.8
 265 26.1 17.8 26.8



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

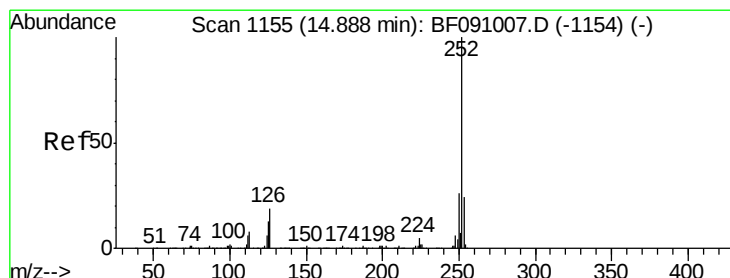
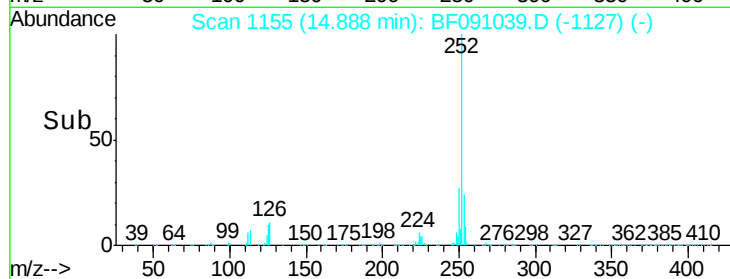
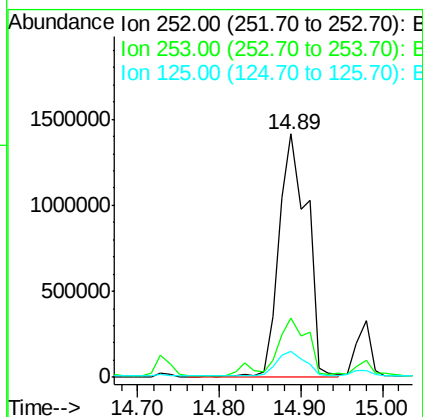
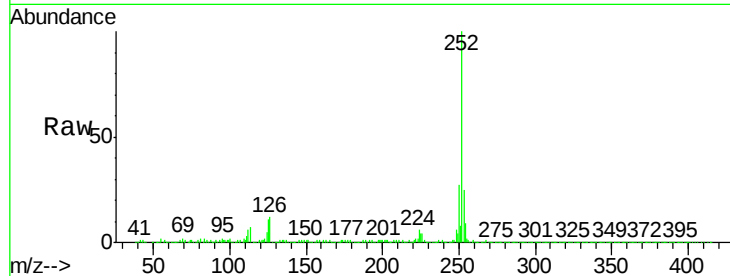




#87
Benzo(b)fluoranthene
Concen: 137.83 ng
RT: 14.89 min Scan# 1155
Delta R.T. 0.02 min
Lab File: BF091039.D
Acq: 4 Nov 2016 23:52

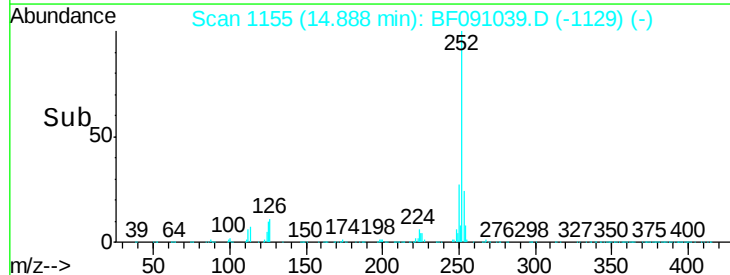
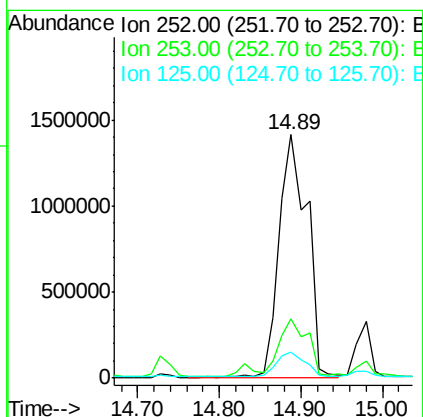
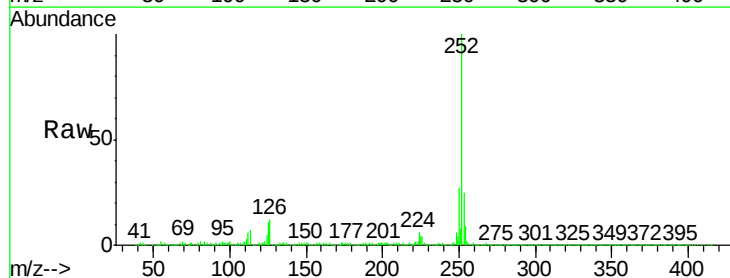
Instrument :
BNA_F
ClientSampleId :
SB-105-0.5-1.0

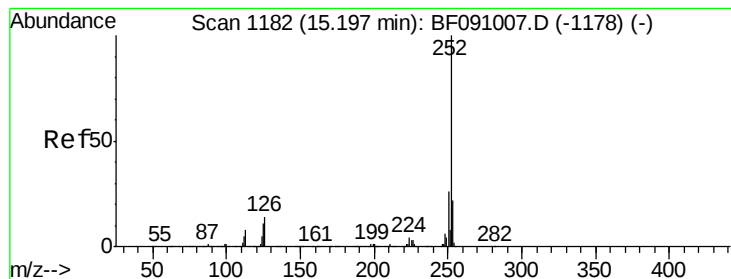
Tgt Ion:252 Resp: 3377061
Ion Ratio Lower Upper
252 100
253 24.6 18.0 27.0
125 10.5 8.3 12.5



#88
Benzo(k)fluoranthene
Concen: 157.12 ng
RT: 14.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF091039.D
Acq: 4 Nov 2016 23:52

Tgt Ion:252 Resp: 3377061
Ion Ratio Lower Upper
252 100
253 24.6 18.6 28.0
125 10.5 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 77.36 ng

RT: 15.22 min Scan# 1184

Delta R.T. 0.02 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-105-0.5-1.0

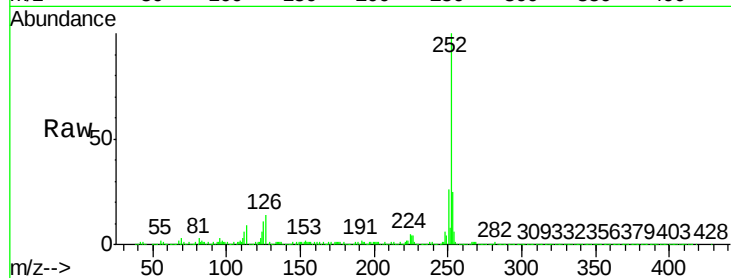
Tgt Ion:252 Resp: 1650221

Ion Ratio Lower Upper

252 100

253 24.7 17.8 26.8

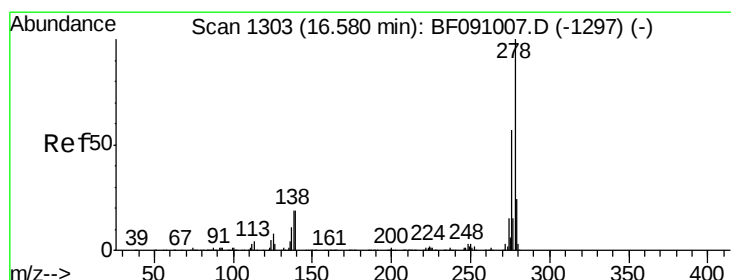
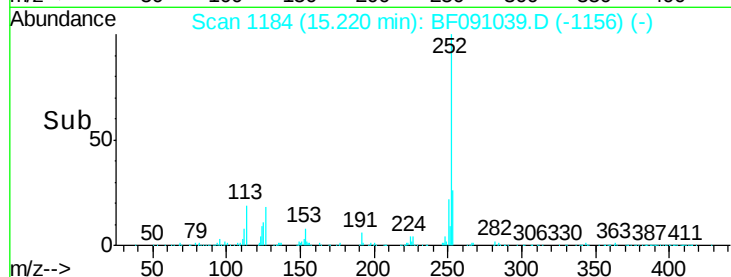
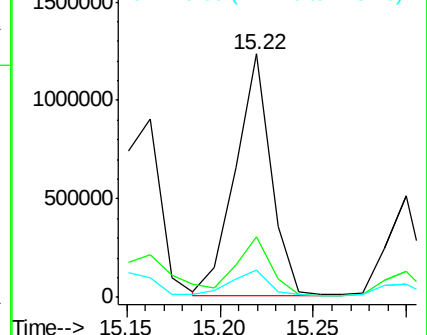
125 11.2 8.6 13.0



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: 18.93 ng

RT: 16.60 min Scan# 1305

Delta R.T. 0.02 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

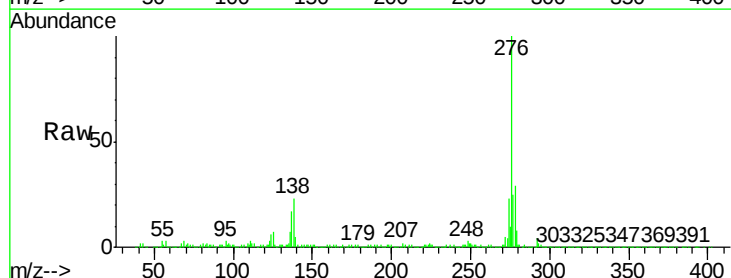
Tgt Ion:278 Resp: 349080

Ion Ratio Lower Upper

278 100

139 18.7 15.3 22.9

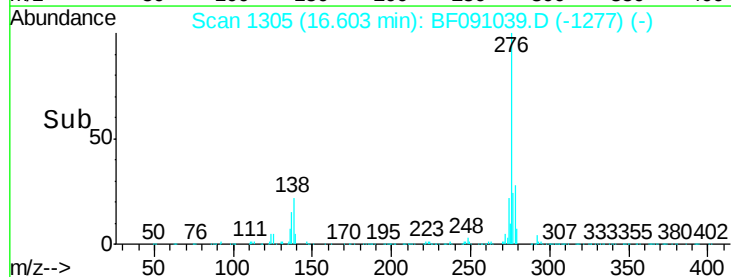
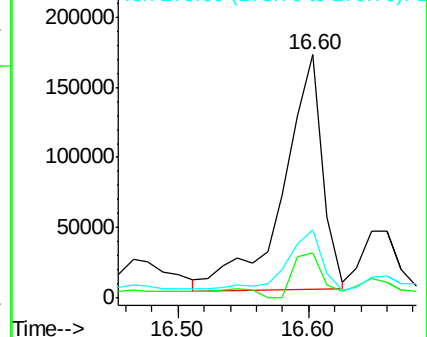
279 28.0 19.3 28.9

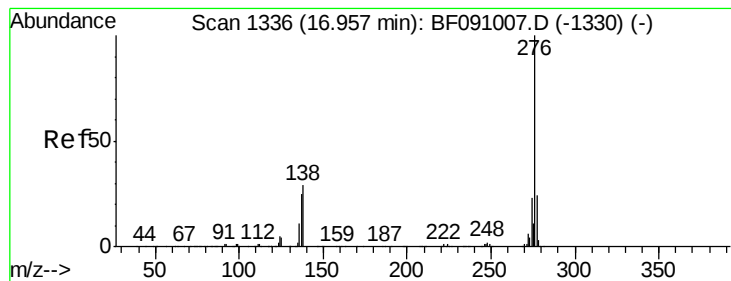


Abundance Ion 278.00 (277.70 to 278.70): E

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: 63.52 ng

RT: 17.00 min Scan# 1340

Delta R.T. 0.05 min

Lab File: BF091039.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-105-0.5-1.0

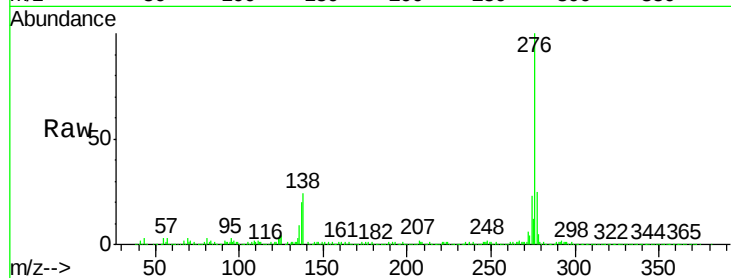
Tgt Ion:276 Resp: 1059248

Ion Ratio Lower Upper

276 100

277 25.2 19.2 28.8

138 23.7 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

