

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091285.D
 Acq On : 23 Nov 2016 20:02
 Operator : UM/SJ
 Sample : H5740-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)

Quant Time: Nov 24 00:00:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	226596	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	927381	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	496072	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	760952	20.00	ng	0.00
75) Chrysene-d12	14.04	240	500827	20.00	ng	0.00
86) Perylene-d12	15.48	264	513603	20.00	ng	0.01

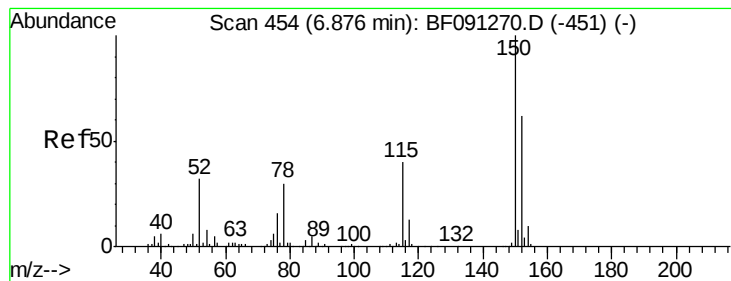
System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1354303	96.03	ng	0.01
7) Phenol-d6	6.51	99	1975954	109.05	ng	0.01
23) Nitrobenzene-d5	7.44	82	1097330	68.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	445399	89.03	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1716448	56.66	ng	0.00
78) Terphenyl-d14	12.99	244	1365246	62.26	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.42	77	1764	Below Cal		97
10) Phenol	6.52	94	72602	3.59 ng		75
19) n-Nitroso-di-n-propylamine	7.44	70	149593	13.16 ng	#	74
49) Dimethylphthalate	9.63	163	122889	3.97 ng		98
50) 2,6-Dinitrotoluene	9.92	165	68478	10.12 ng	#	17
51) Acenaphthene	9.95	154	99859	3.49 ng		98
54) Dibenzofuran	10.12	168	131576	3.27 ng	#	88
55) 4-Nitrophenol	10.12	139	44924	8.56 ng	#	1
56) 2,4-Dinitrotoluene	9.92	165	69376	8.10 ng	#	34
57) Fluorene	10.46	166	190873	6.21 ng		97
66) 4-Bromophenyl-phenylether	10.70	248	28668	3.45 ng	#	1
70) Phenanthrene	11.44	178	2667881	67.58 ng		99
71) Anthracene	11.48	178	615953	15.26 ng		97
72) Carbazole	11.63	167	279718	7.79 ng	#	96
74) Fluoranthene	12.62	202	3121929	77.75 ng		95
77) Pyrene	12.84	202	2238245	60.48 ng		98
80) Benzo(a)anthracene	14.03	228	1006179	35.40 ng		99
82) Chrysene	14.07	228	895486	33.34 ng		97
85) Indeno(1,2,3-cd)pyrene	16.89	276	539597	23.32 ng	#	92
87) Benzo(b)fluoranthene	15.07	252	1572181	48.52 ng		98
88) Benzo(k)fluoranthene	15.07	252	1572181	59.41 ng	#	97
89) Benzo(a)pyrene	15.41	252	796838	28.91 ng		97
90) Dibenzo(a,h)anthracene	16.90	278	126141	4.96 ng		93
91) Benzo(g,h,i)perylene	17.32	276	518682	20.55 ng		98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

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SB-01(0-0.16)

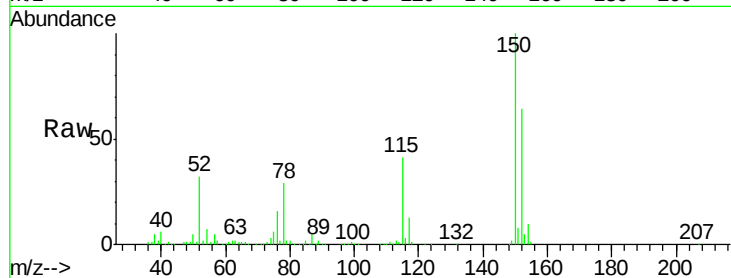
Tgt Ion:152 Resp: 226596

Ion Ratio Lower Upper

152 100

150 157.3 122.5 183.7

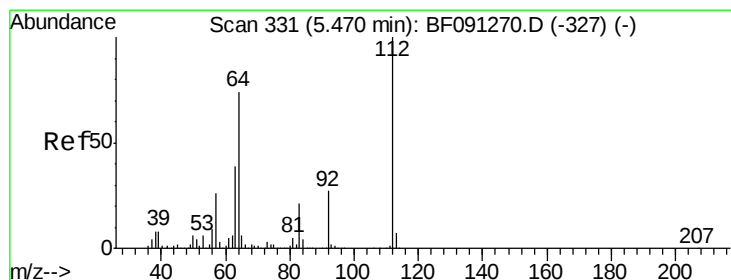
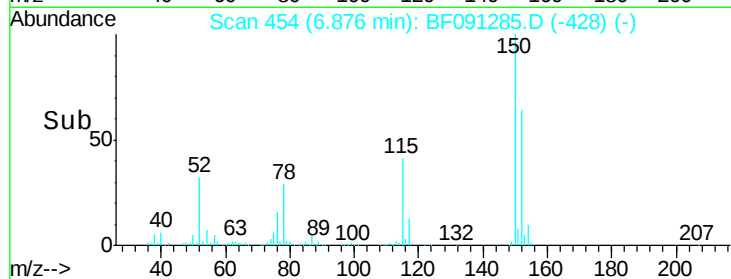
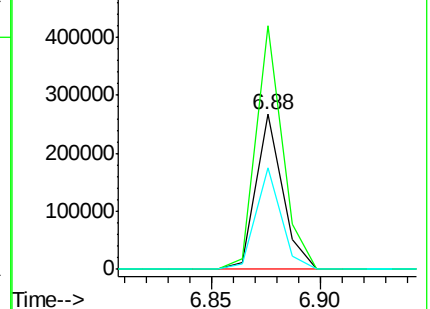
115 65.3 51.8 77.8



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: 96.03 ng

RT: 5.48 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

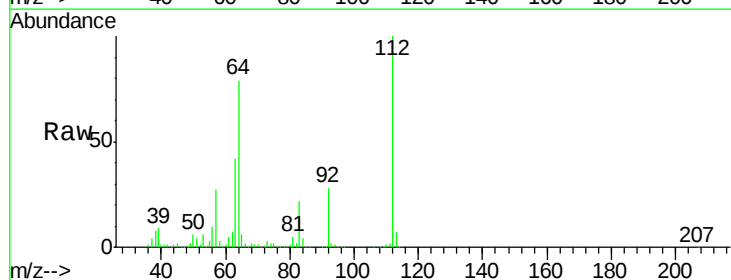
Tgt Ion:112 Resp: 1354303

Ion Ratio Lower Upper

112 100

64 78.5 61.5 92.3

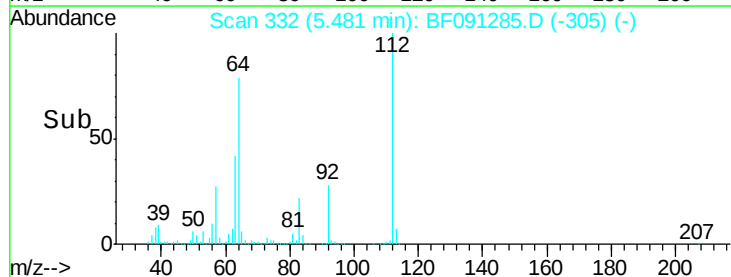
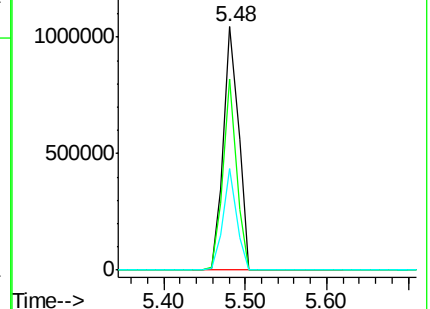
63 41.8 33.3 49.9

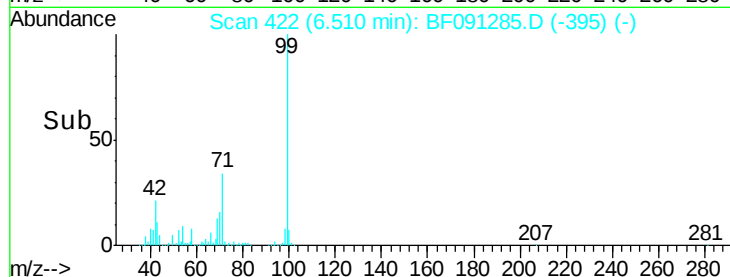
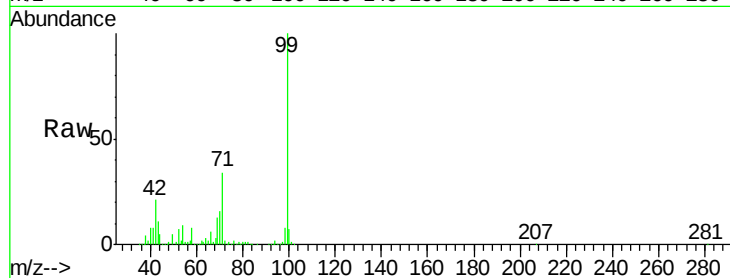
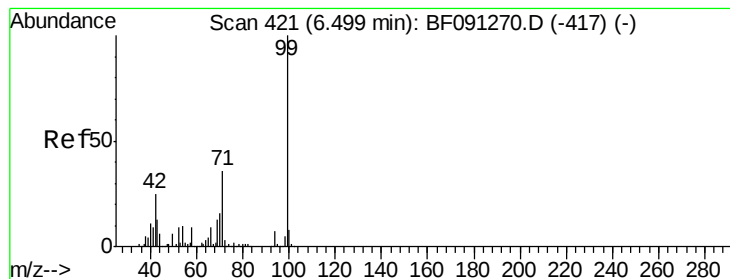


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.05 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

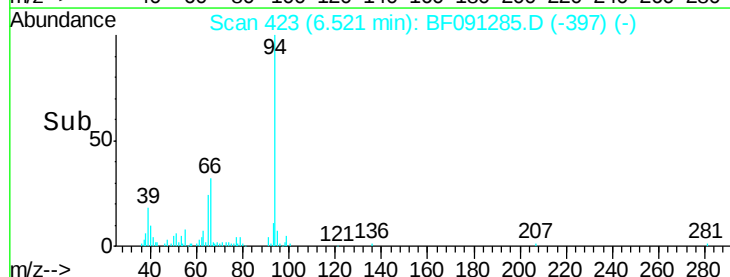
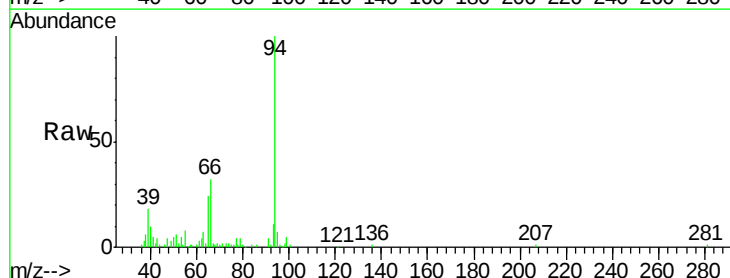
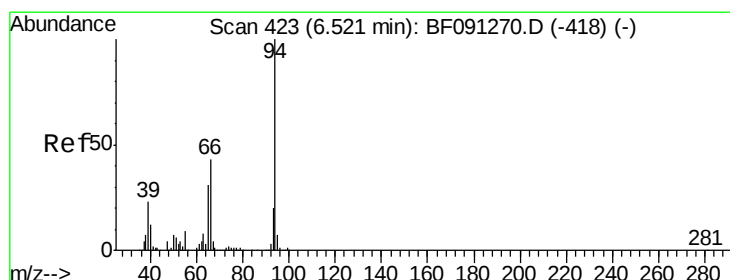
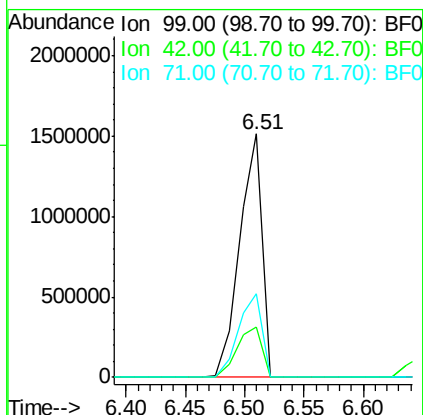
Tgt Ion: 99 Resp: 1975954

Ion Ratio Lower Upper

99 100

42 20.6 20.6 31.0#

71 34.5 29.9 44.9



#10

Phenol

Concen: 3.59 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

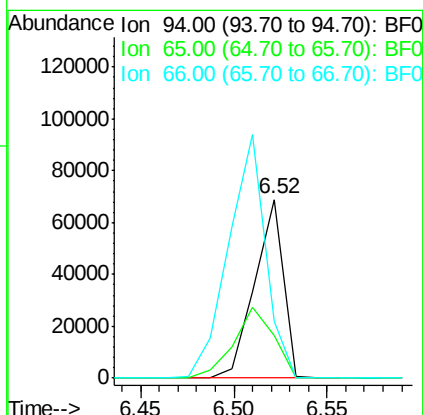
Tgt Ion: 94 Resp: 72602

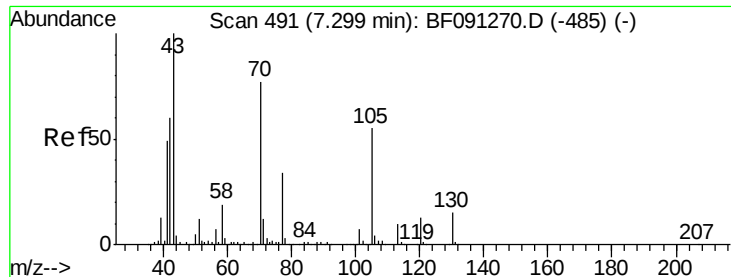
Ion Ratio Lower Upper

94 100

65 24.1 16.9 56.9

66 31.8 30.6 70.6

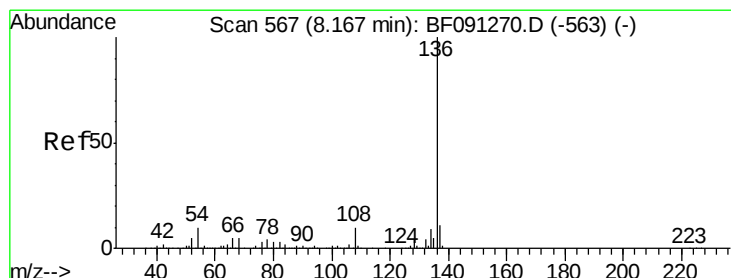
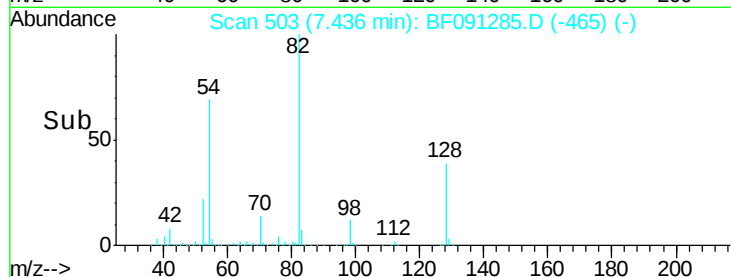
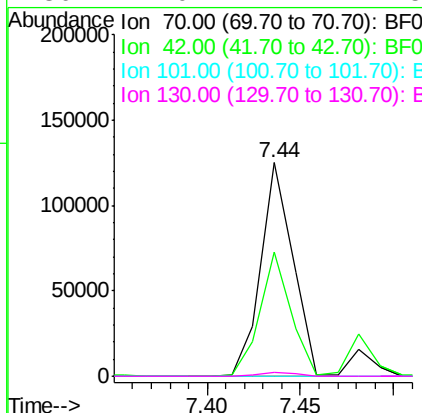
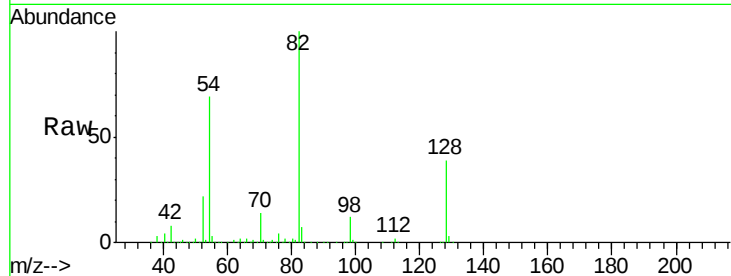




#19
n-Nitroso-di-n-propylamine
Concen: 13.16 ng
RT: 7.44 min Scan# 503
Delta R.T. 0.14 min
Lab File: BF091285.D
Acq: 23 Nov 2016 20:02

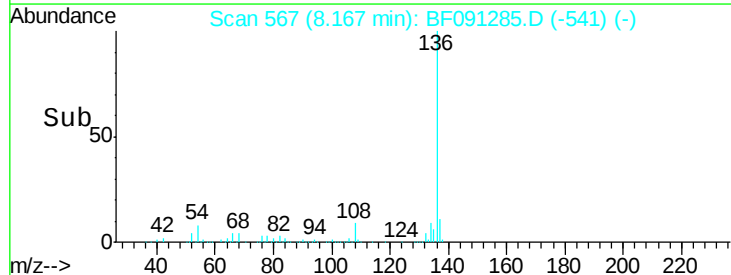
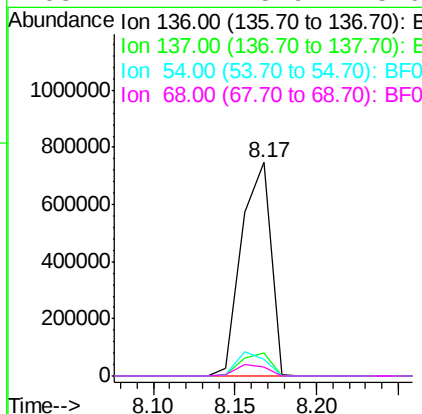
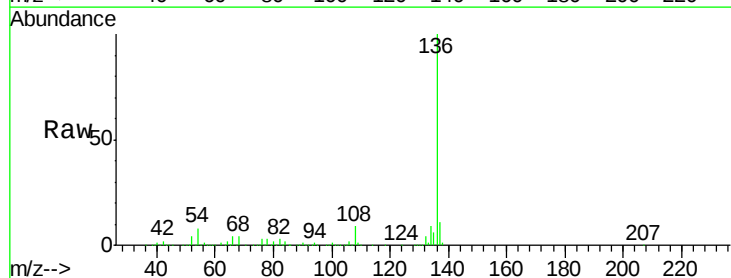
Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

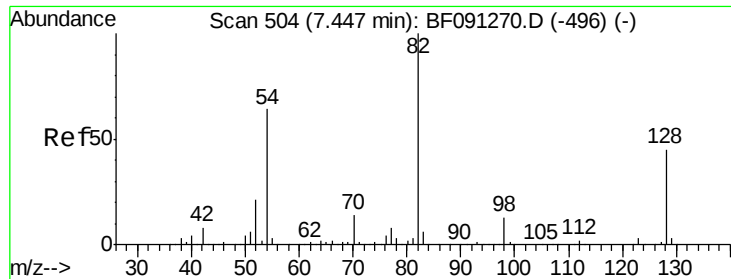
Tgt Ion: 70 Resp: 149593
Ion Ratio Lower Upper
70 100
42 58.3 64.8 97.2#
101 0.0 6.2 9.4#
130 2.0 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF091285.D
Acq: 23 Nov 2016 20:02

Tgt Ion: 136 Resp: 927381
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.7 9.1 13.7#
68 4.1 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 68.12 ng

RT: 7.44 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

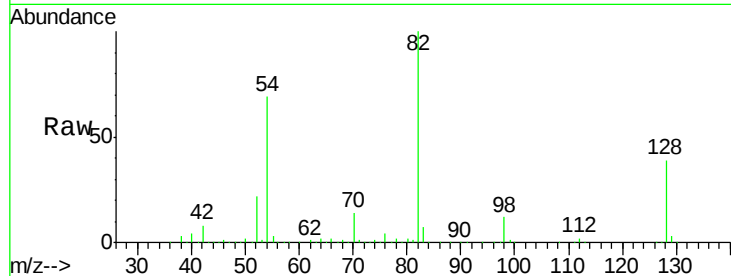
Tgt Ion: 82 Resp: 1097330

Ion Ratio Lower Upper

82 100

128 38.6 31.8 47.6

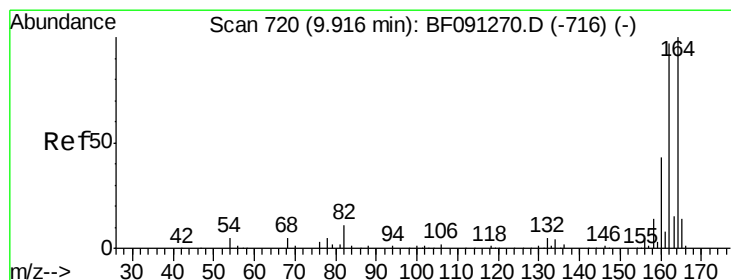
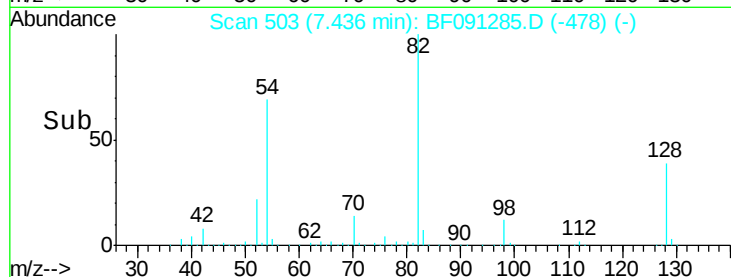
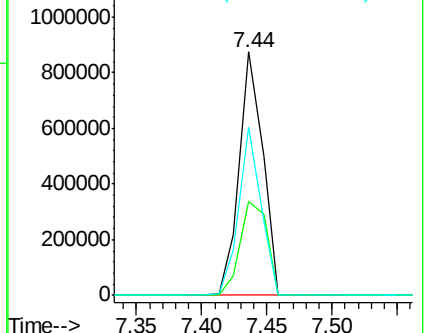
54 69.1 49.1 73.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

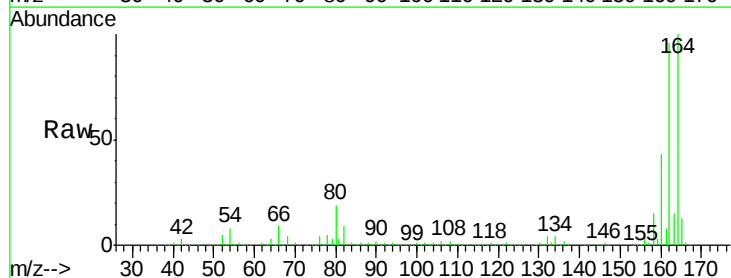
Tgt Ion: 164 Resp: 496072

Ion Ratio Lower Upper

164 100

162 96.4 82.6 124.0

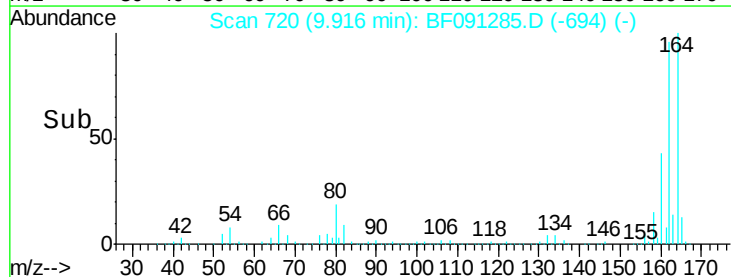
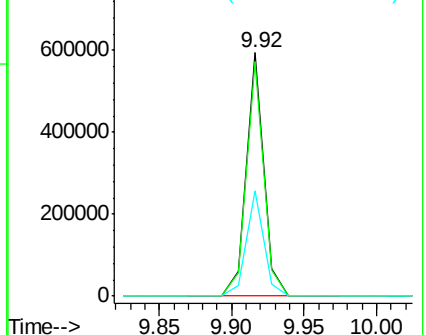
160 43.4 36.7 55.1

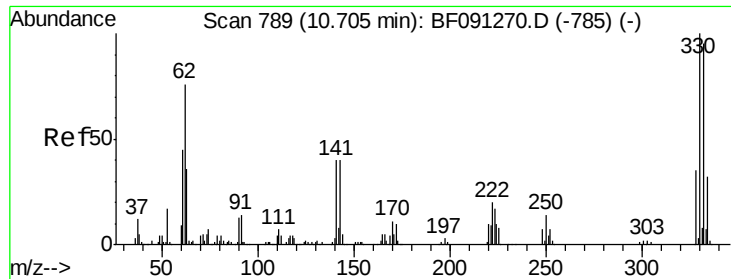


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

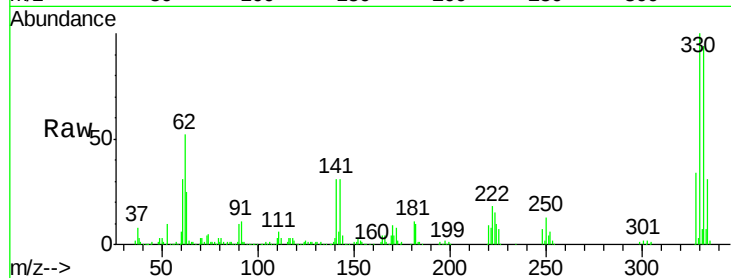




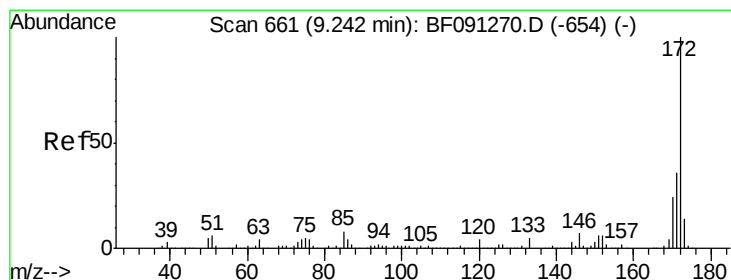
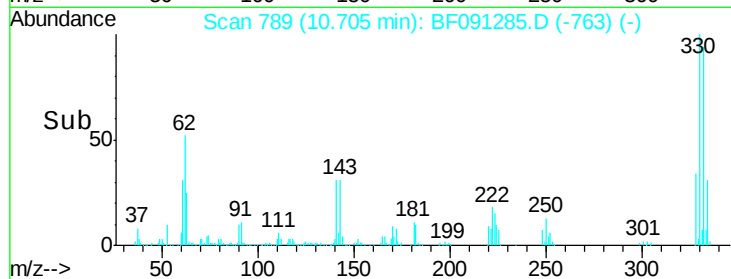
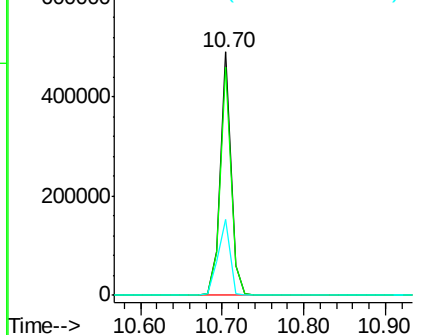
#41
 2,4,6-Tribromophenol
 Concen: 89.03 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091285.D
 Acq: 23 Nov 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)

Tgt Ion:330 Resp: 445399
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.2 114.4
 141 35.5 33.6 50.4

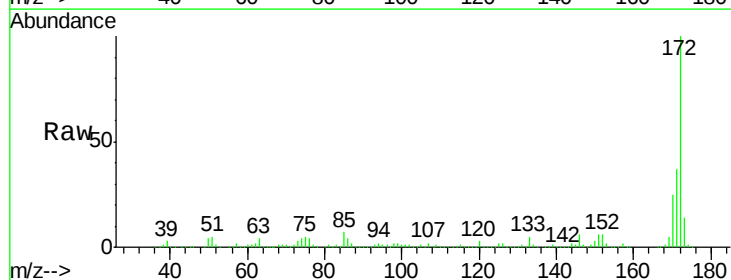


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

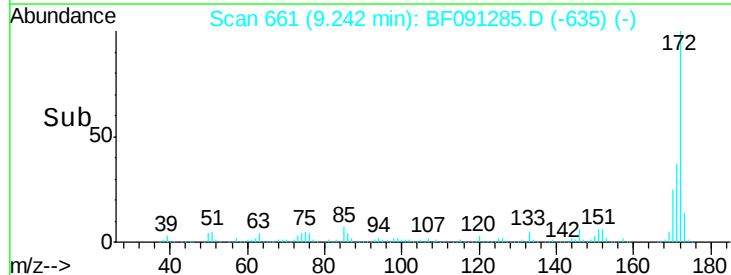
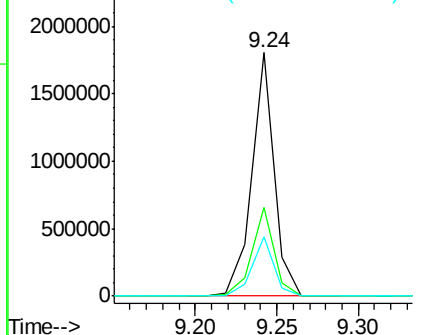


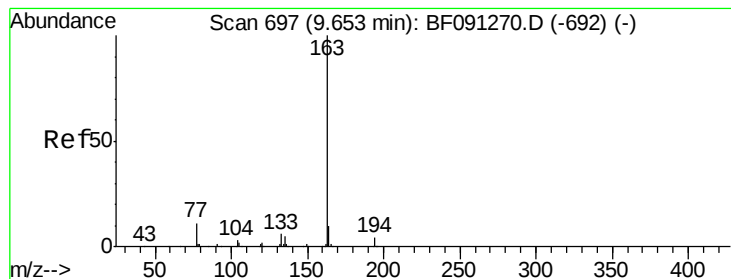
#44
 2-Fluorobiphenyl
 Concen: 56.66 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091285.D
 Acq: 23 Nov 2016 20:02

Tgt Ion:172 Resp: 1716448
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.6 19.7 29.5



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





#49

Dimethylphthalate

Concen: 3.97 ng

RT: 9.63 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

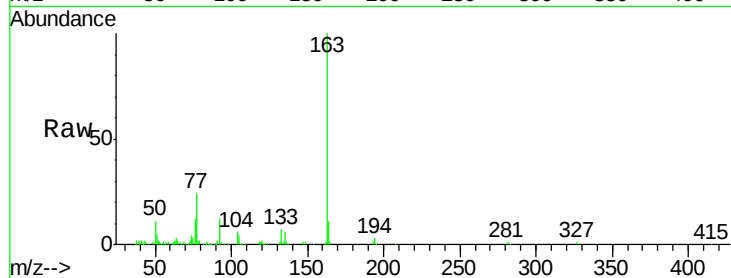
Tgt Ion:163 Resp: 122889

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

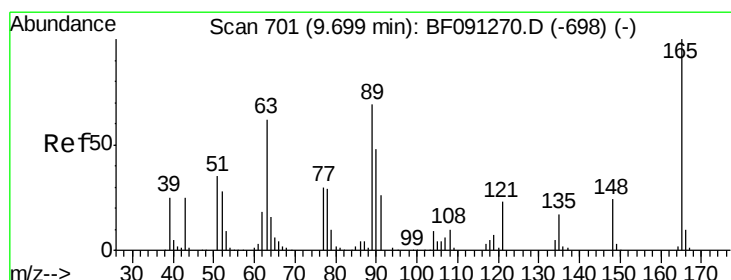
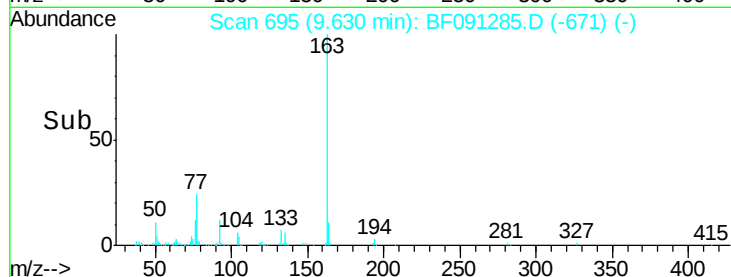
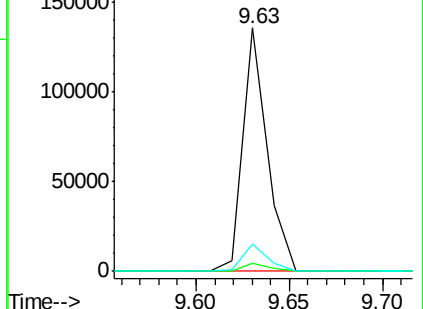
164 11.0 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 10.12 ng

RT: 9.92 min Scan# 720

Delta R.T. 0.22 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

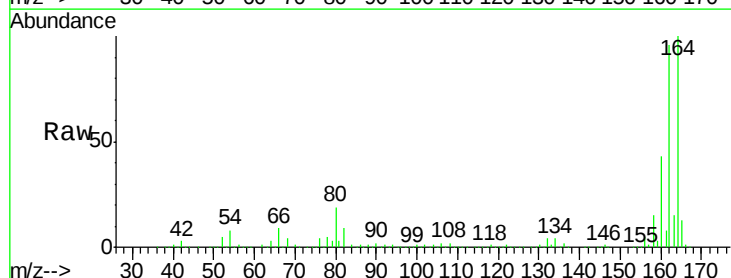
Tgt Ion:165 Resp: 68478

Ion Ratio Lower Upper

165 100

63 1.2 59.4 89.0#

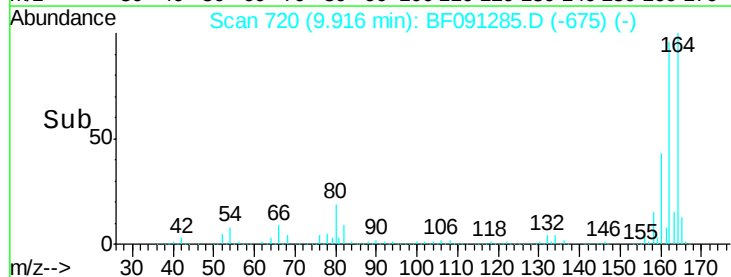
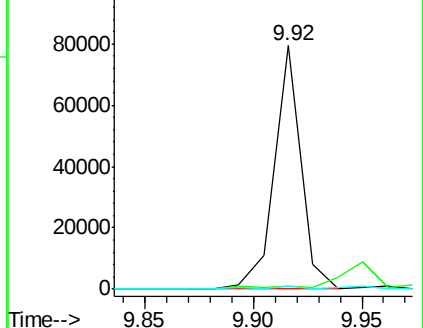
89 1.2 50.8 76.2#

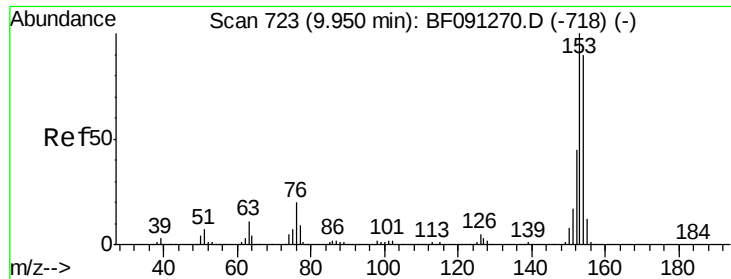


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.49 ng

RT: 9.95 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

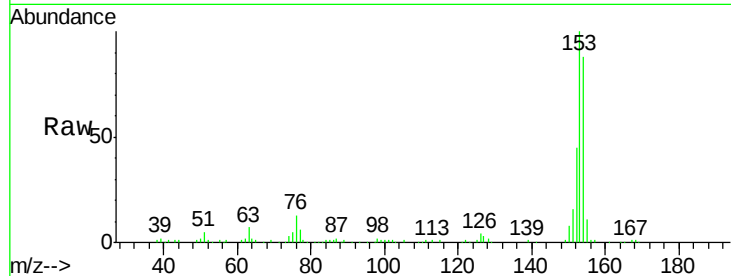
Tgt Ion:154 Resp: 99859

Ion Ratio Lower Upper

154 100

153 114.3 91.0 136.6

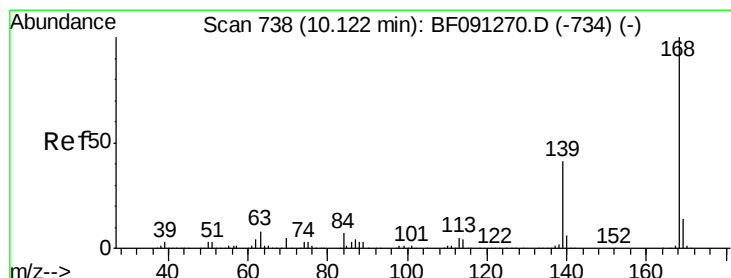
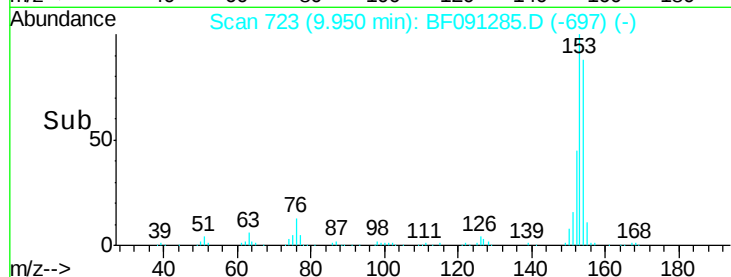
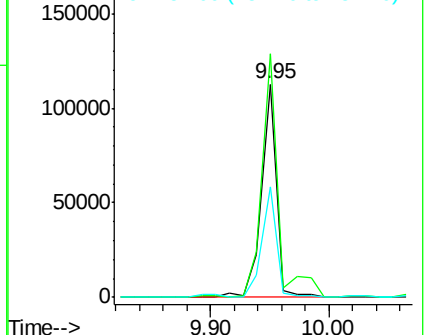
152 51.6 44.2 66.2



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: 3.27 ng

RT: 10.12 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

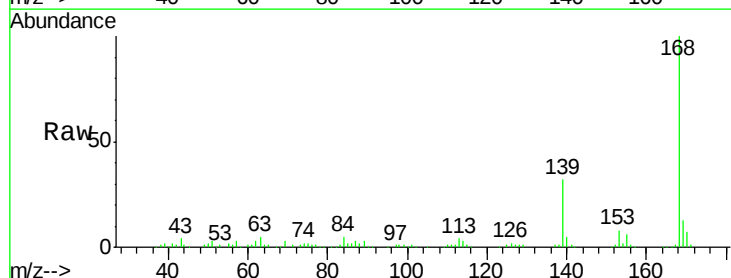
Tgt Ion:168 Resp: 131576

Ion Ratio Lower Upper

168 100

139 32.4 33.4 50.2#

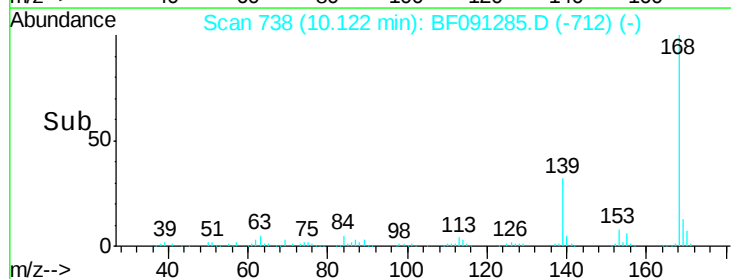
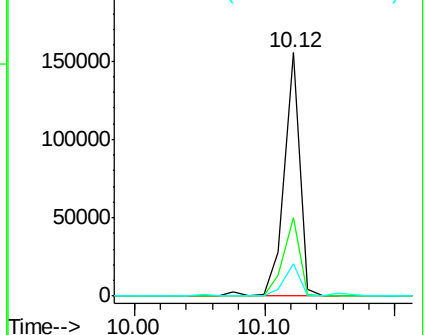
169 13.1 11.1 16.7

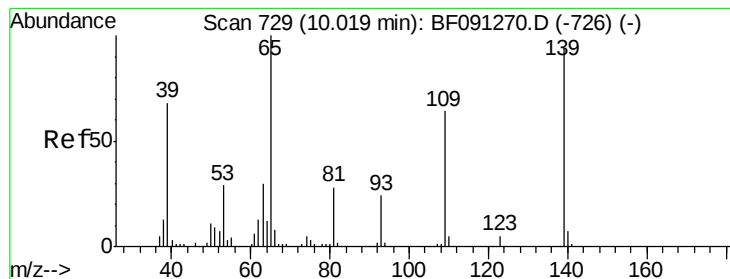


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 8.56 ng

RT: 10.12 min Scan# 738

Delta R.T. 0.10 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

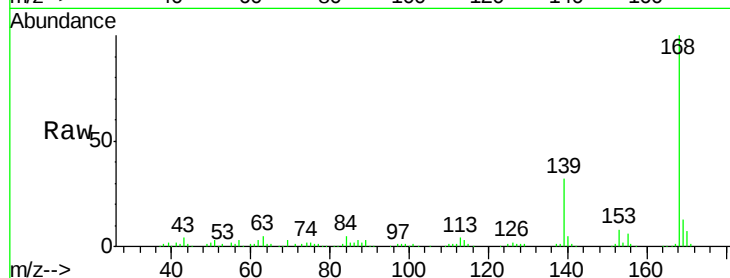
Tgt Ion:139 Resp: 44924

Ion Ratio Lower Upper

139 100

109 1.0 54.9 94.9#

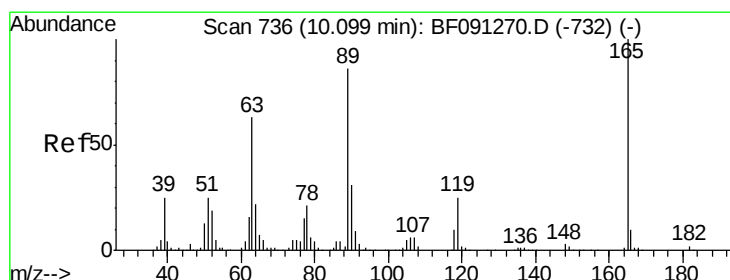
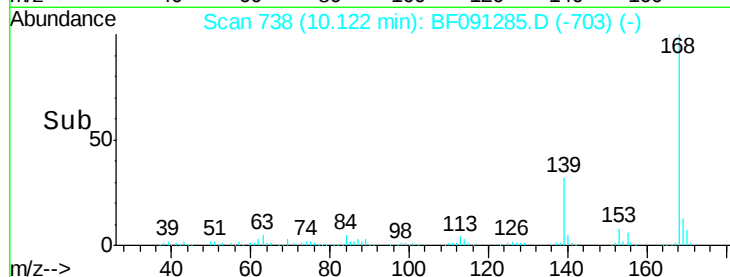
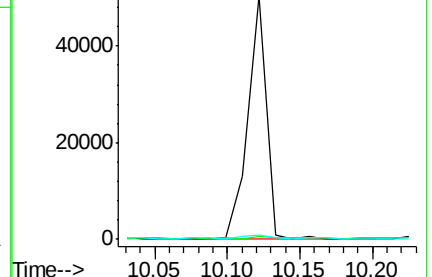
65 1.8 102.2 142.2#



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: 8.10 ng

RT: 9.92 min Scan# 720

Delta R.T. -0.18 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

Tgt Ion:165 Resp: 69376

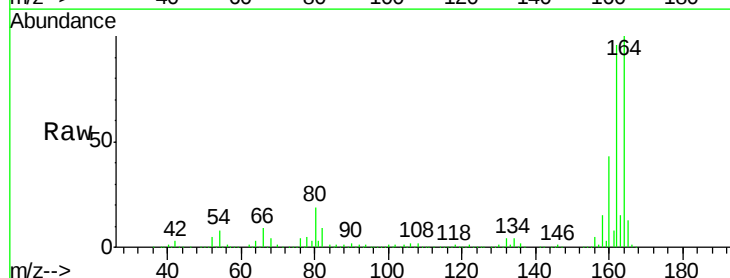
Ion Ratio Lower Upper

165 100

63 1.2 29.0 43.4#

89 1.2 43.1 64.7#

182 0.0 1.9 2.9#

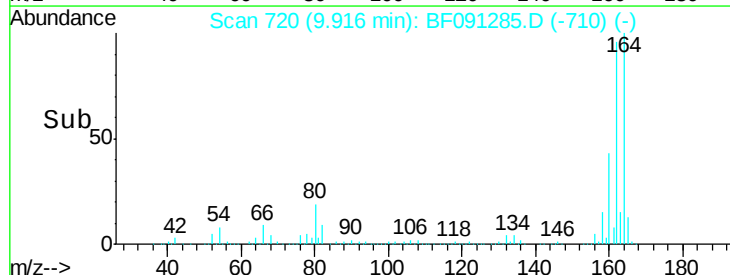
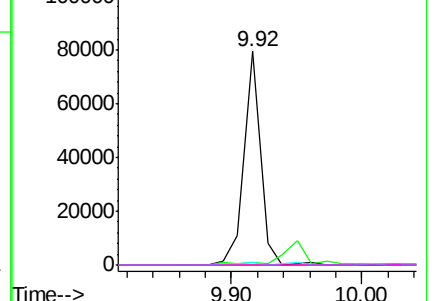


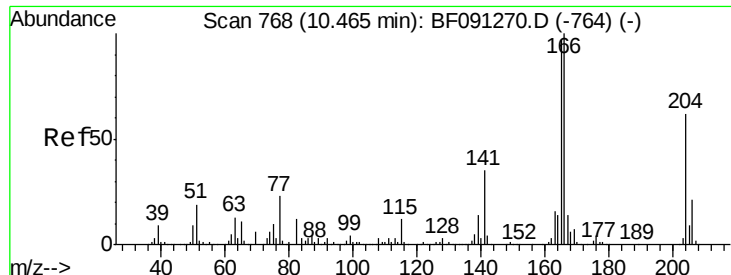
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

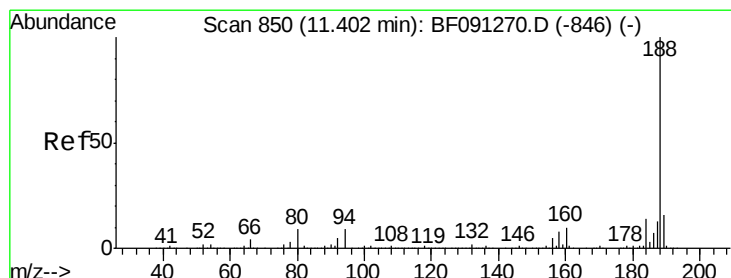
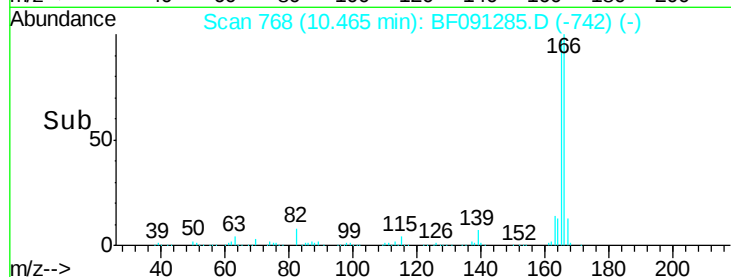
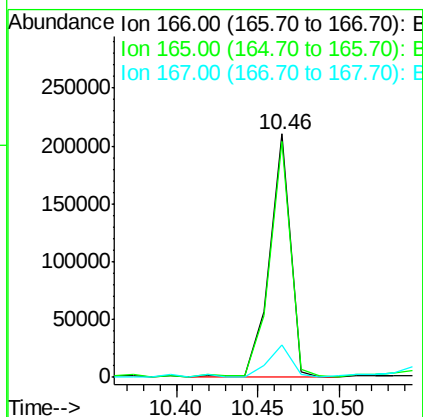
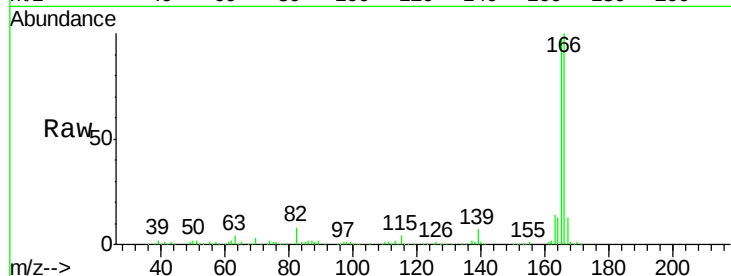




#57
Fluorene
 Concen: 6.21 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF091285.D
 Acq: 23 Nov 2016 20:02

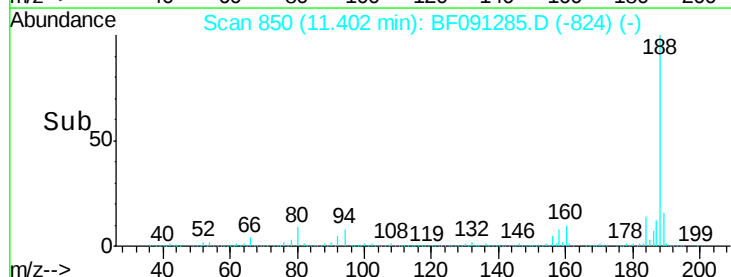
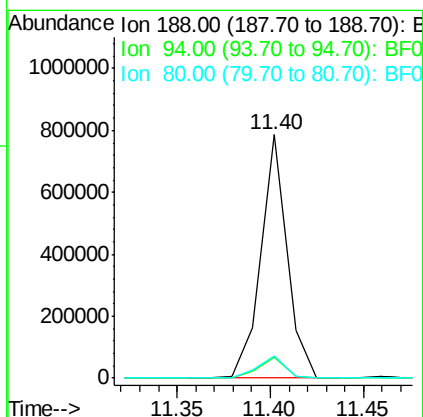
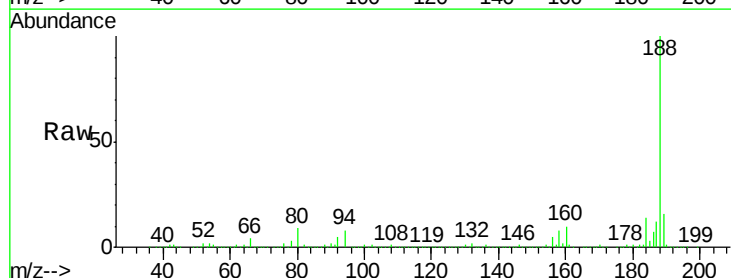
Instrument :
 BNA_F
 ClientSampled :
 SB-01(0-0.16)

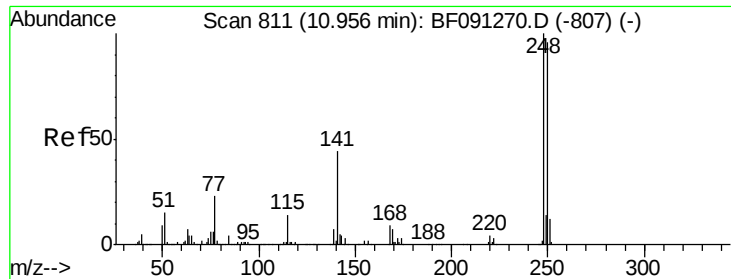
Tgt Ion:166 Resp: 190873
 Ion Ratio Lower Upper
 166 100
 165 96.9 80.0 120.0
 167 13.3 10.8 16.2



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF091285.D
 Acq: 23 Nov 2016 20:02

Tgt Ion:188 Resp: 760952
 Ion Ratio Lower Upper
 188 100
 94 8.4 9.2 13.8#
 80 9.3 10.5 15.7#

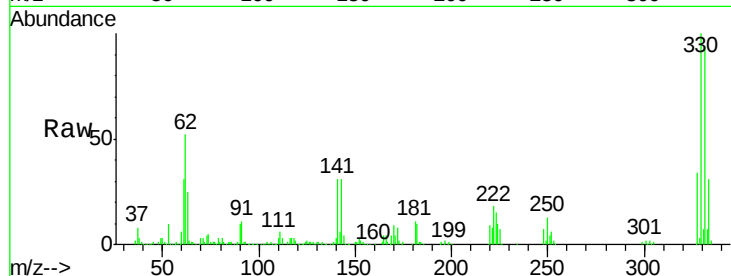




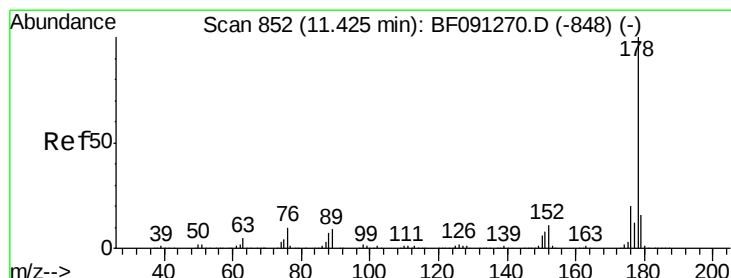
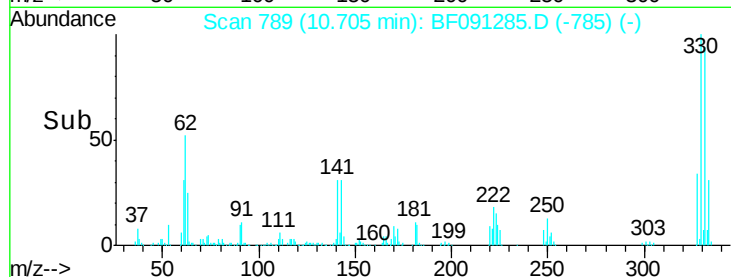
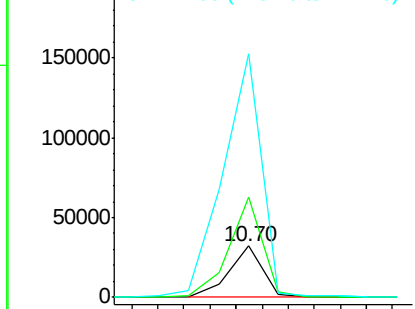
#66
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.25 min
Lab File: BF091285.D
Acq: 23 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion:248 Resp: 28668
Ion Ratio Lower Upper
248 100
250 197.2 78.2 117.4#
141 477.3 71.9 107.9#

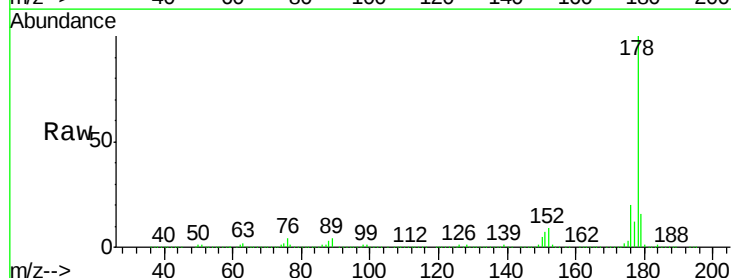


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

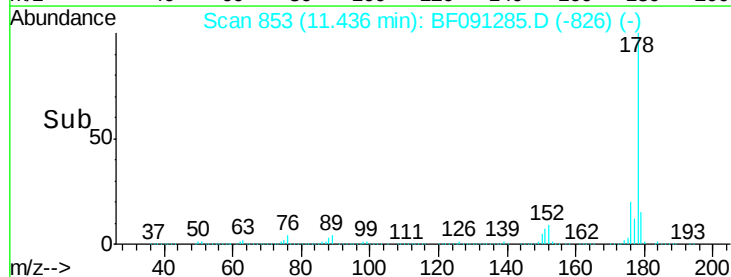
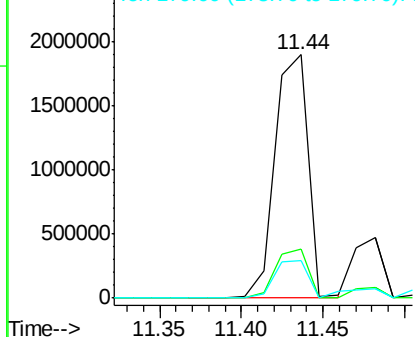


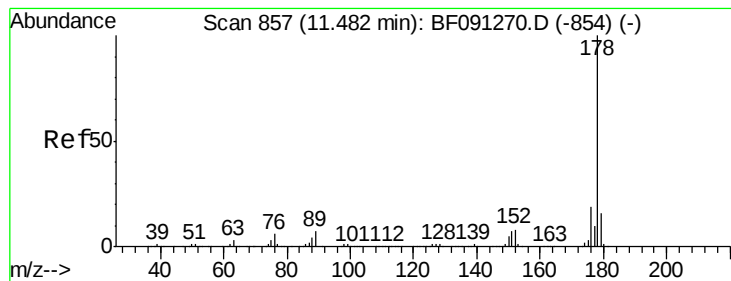
#70
Phenanthrene
Concen: 67.58 ng
RT: 11.44 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF091285.D
Acq: 23 Nov 2016 20:02

Tgt Ion:178 Resp: 2667881
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 15.5 12.6 18.8



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: 15.26 ng

RT: 11.48 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

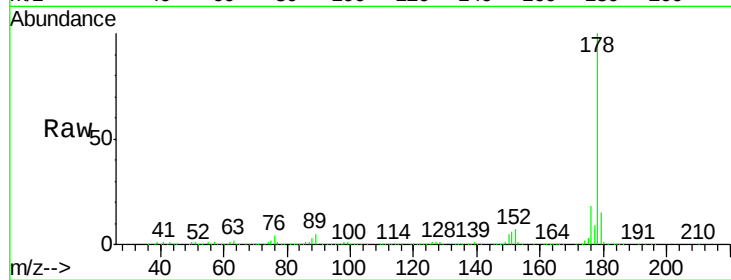
Tgt Ion:178 Resp: 615953

Ion Ratio Lower Upper

178 100

176 18.2 15.8 23.6

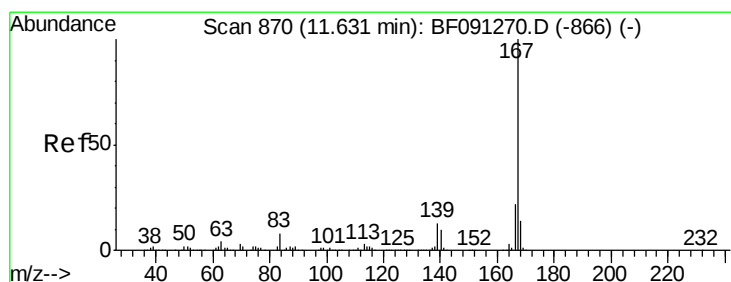
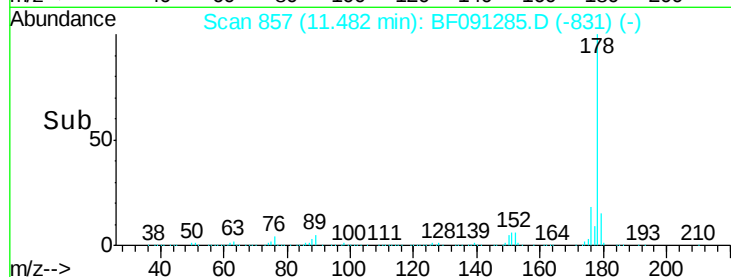
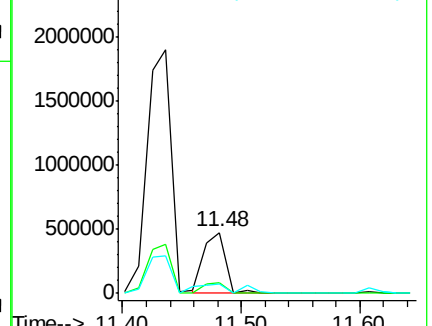
179 15.1 12.7 19.1



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: 7.79 ng

RT: 11.63 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

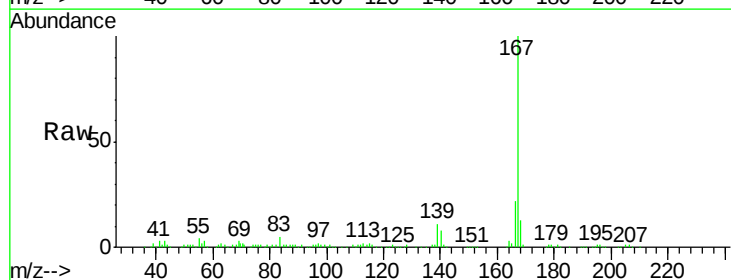
Tgt Ion:167 Resp: 279718

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

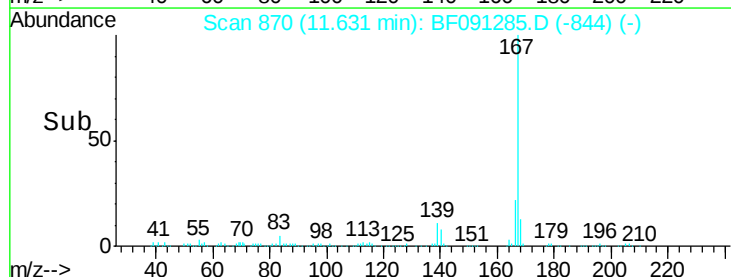
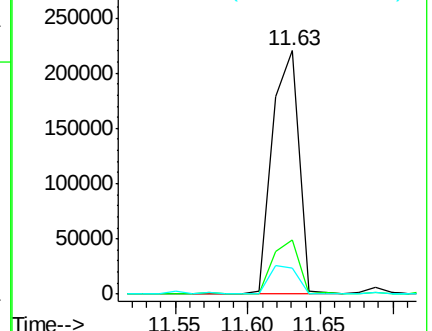
139 10.9 11.5 17.3#

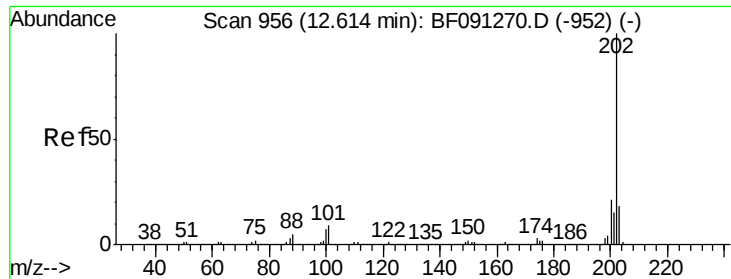


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 77.75 ng

RT: 12.62 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

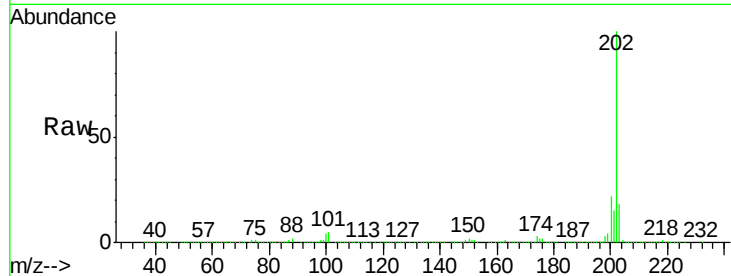
Tgt Ion:202 Resp: 3121929

Ion Ratio Lower Upper

202 100

101 4.8 0.0 29.5

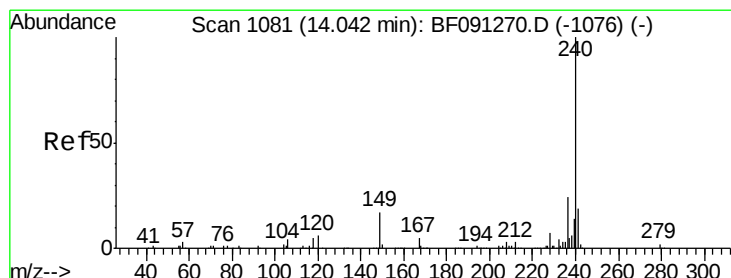
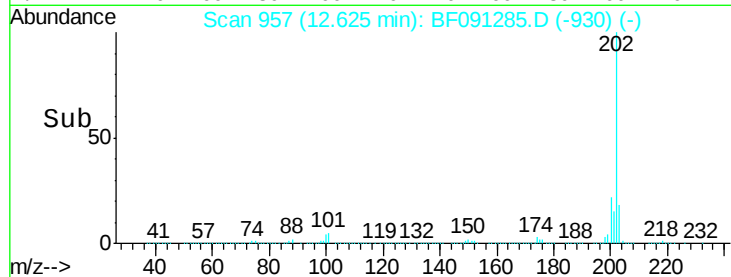
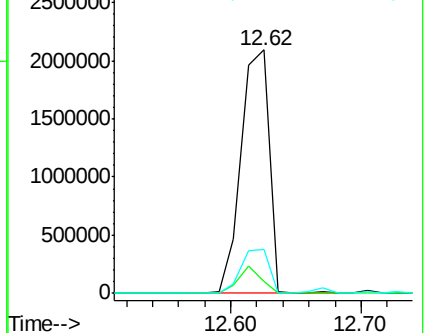
203 18.1 0.0 37.8



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: 14.04 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

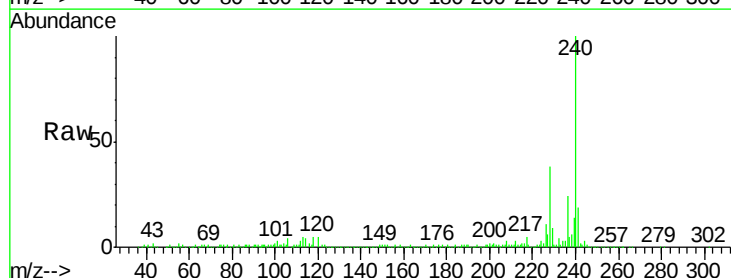
Tgt Ion:240 Resp: 500827

Ion Ratio Lower Upper

240 100

120 5.4 12.1 18.1#

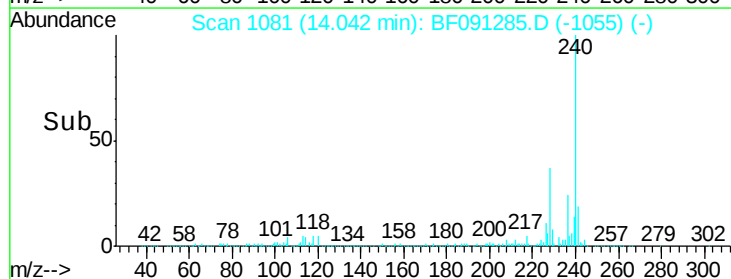
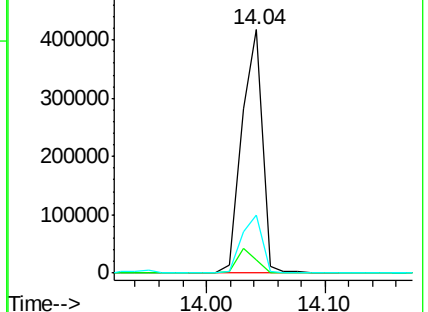
236 23.9 21.0 31.6

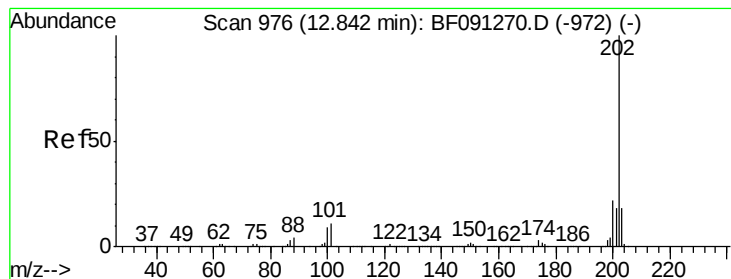


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 60.48 ng

RT: 12.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

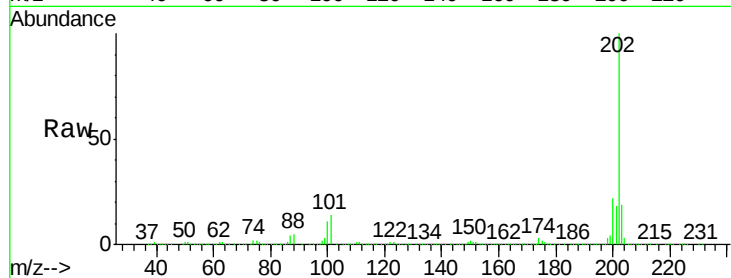
Tgt Ion:202 Resp: 2238245

Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

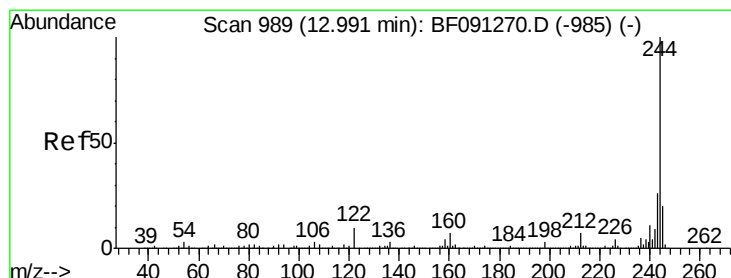
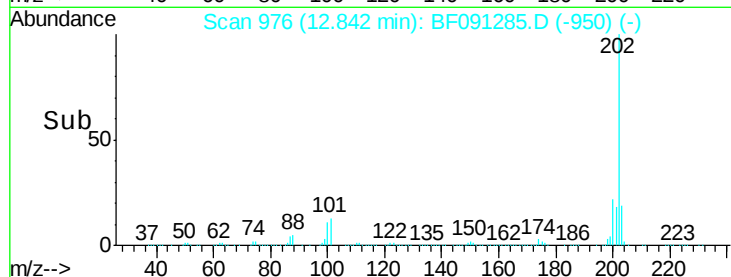
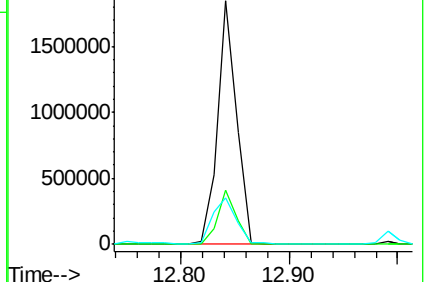
203 19.4 14.0 21.0



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: 62.26 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

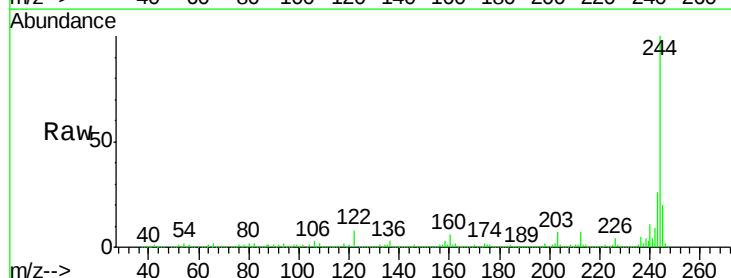
Tgt Ion:244 Resp: 1365246

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

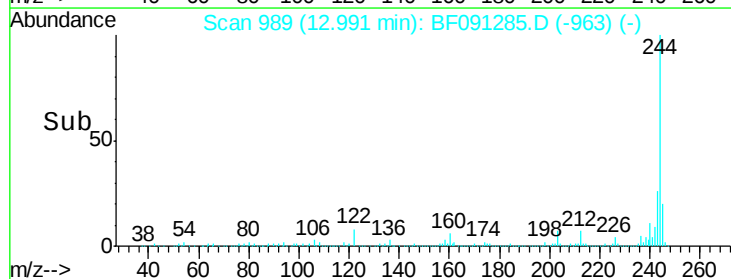
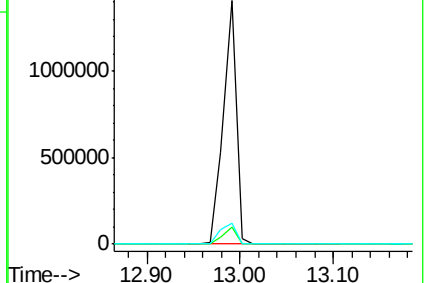
122 8.5 9.5 14.3#

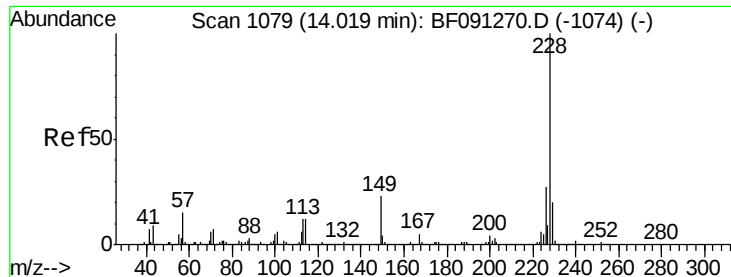


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 35.40 ng

RT: 14.03 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

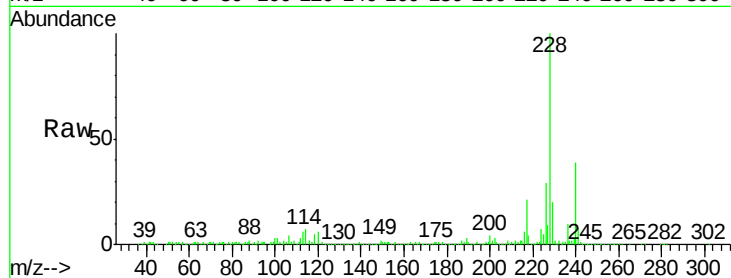
Tgt Ion:228 Resp: 1006179

Ion Ratio Lower Upper

228 100

226 28.7 22.5 33.7

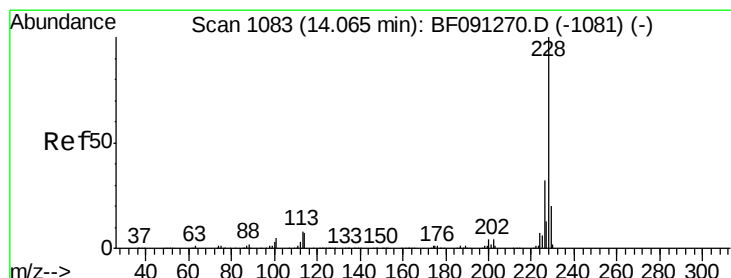
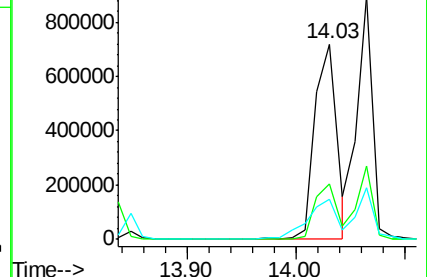
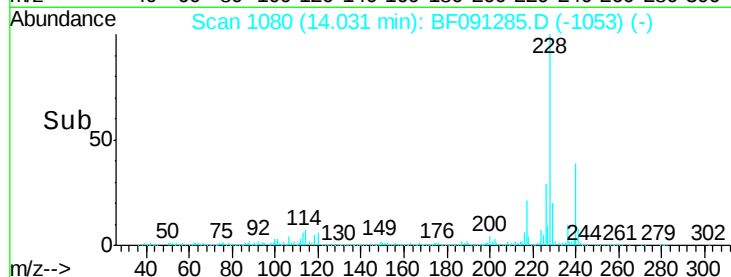
229 20.4 16.4 24.6



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: 33.34 ng

RT: 14.07 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

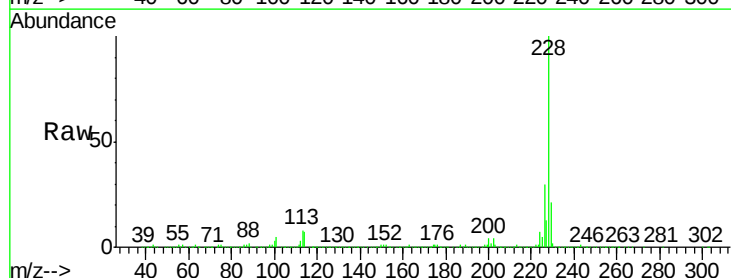
Tgt Ion:228 Resp: 895486

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.4

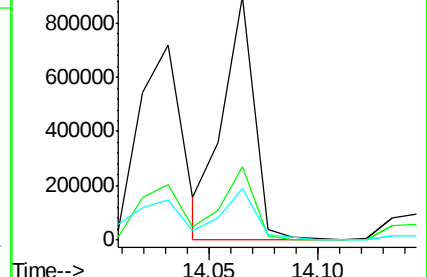
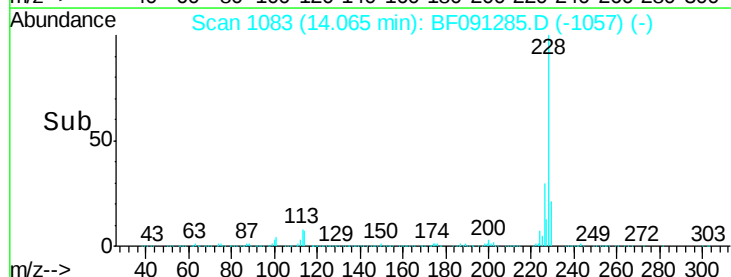
229 21.3 16.0 24.0

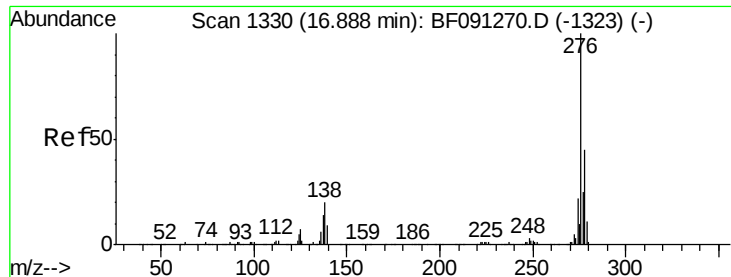


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 23.32 ng

RT: 16.89 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

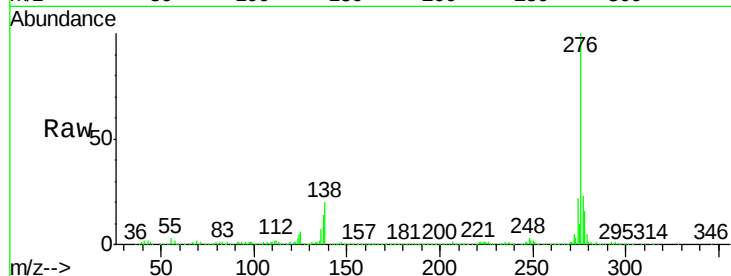
Tgt Ion:276 Resp: 539597

Ion Ratio Lower Upper

276 100

138 19.7 21.0 31.4#

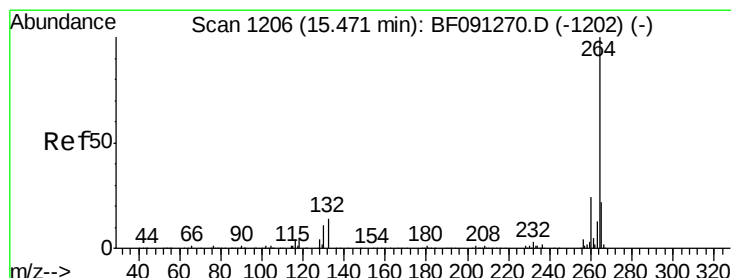
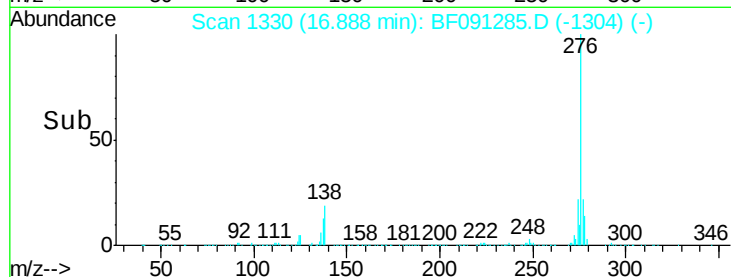
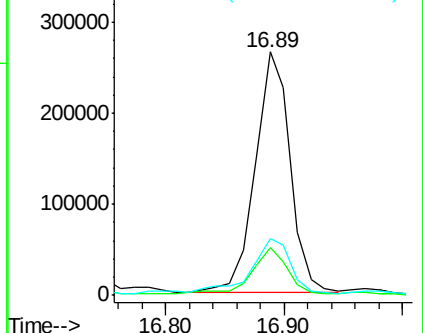
277 27.2 20.2 30.2



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: 15.48 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

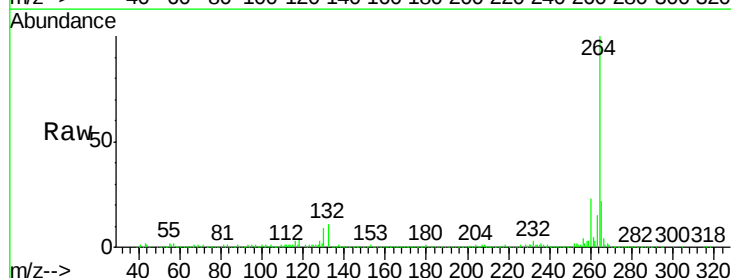
Tgt Ion:264 Resp: 513603

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

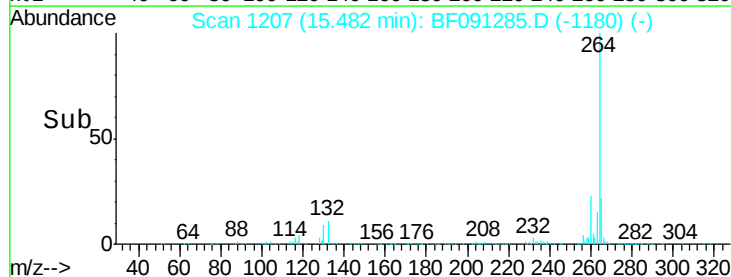
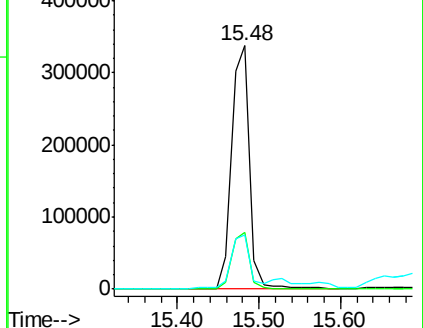
265 22.5 17.0 25.6

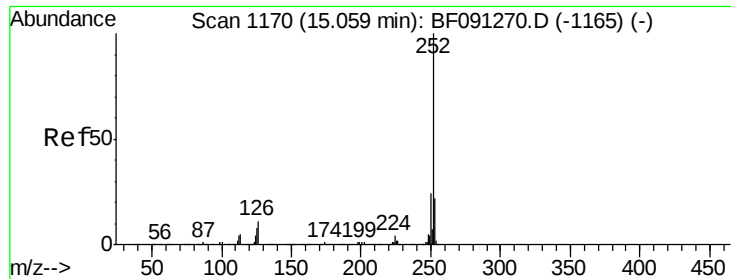


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

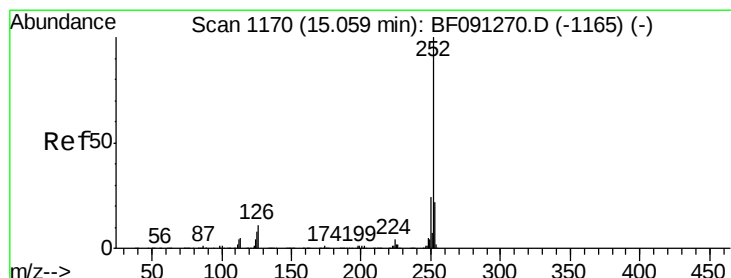
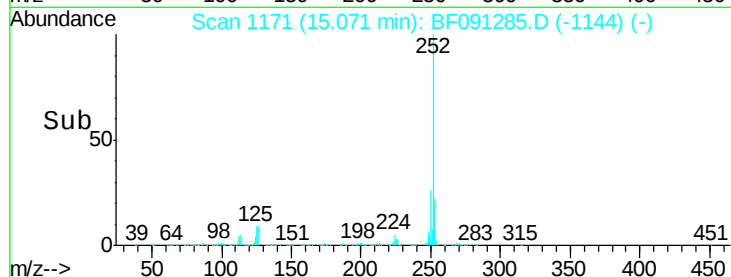
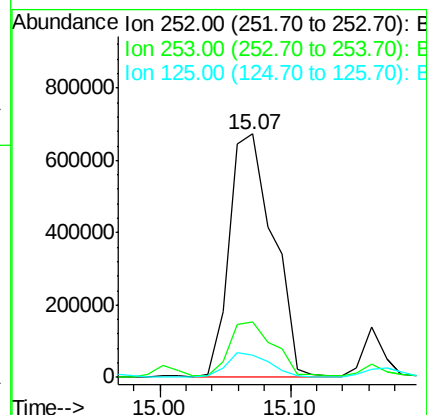
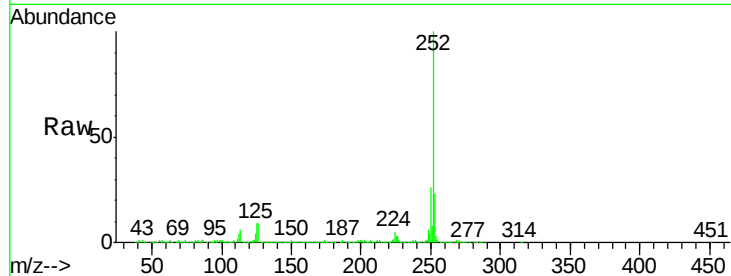




#87
Benzo(b)fluoranthene
Concen: 48.52 ng
RT: 15.07 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF091285.D
Acq: 23 Nov 2016 20:02

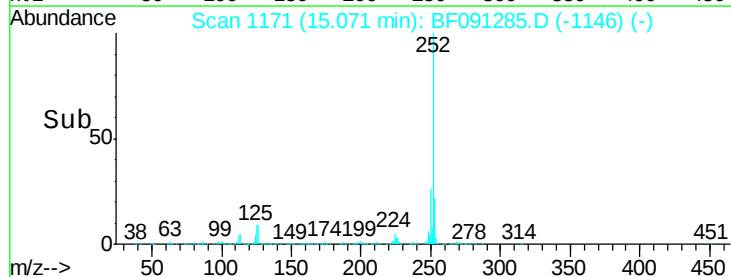
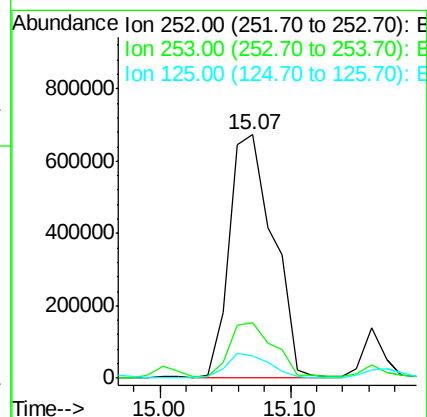
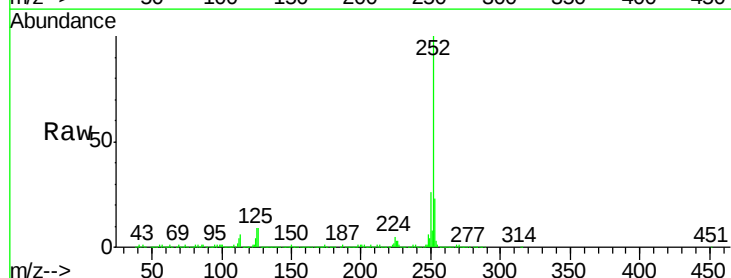
Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

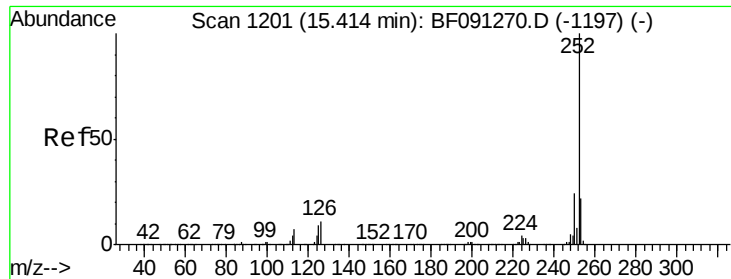
Tgt Ion:252 Resp: 1572181
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.0 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 59.41 ng
RT: 15.07 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF091285.D
Acq: 23 Nov 2016 20:02

Tgt Ion:252 Resp: 1572181
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.0 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 28.91 ng

RT: 15.41 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

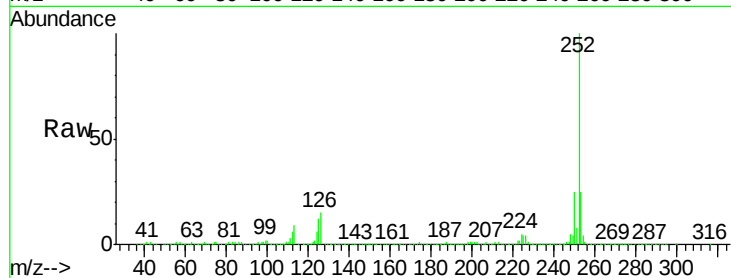
Tgt Ion:252 Resp: 796838

Ion Ratio Lower Upper

252 100

253 24.5 18.2 27.4

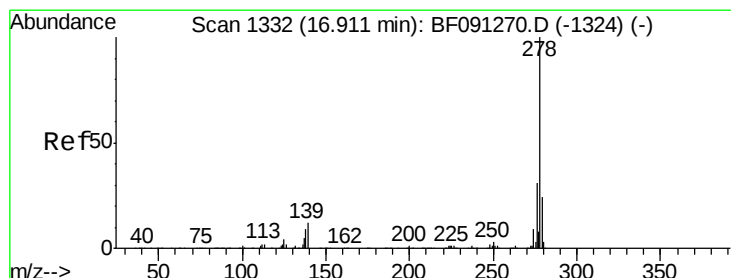
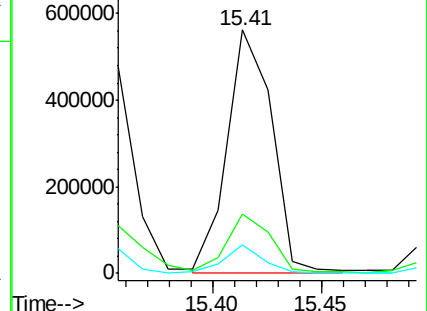
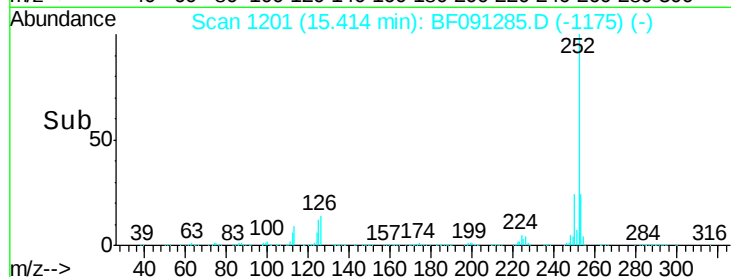
125 11.8 10.4 15.6



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: 4.96 ng

RT: 16.90 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF091285.D

Acq: 23 Nov 2016 20:02

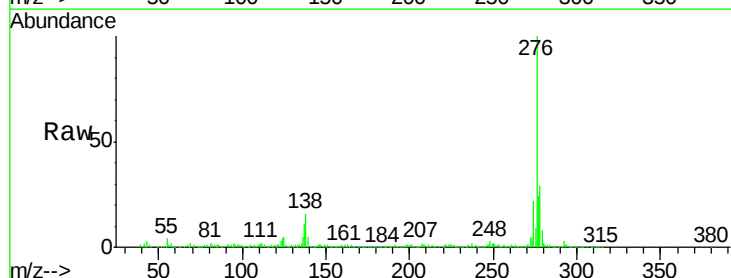
Tgt Ion:278 Resp: 126141

Ion Ratio Lower Upper

278 100

139 16.6 15.1 22.7

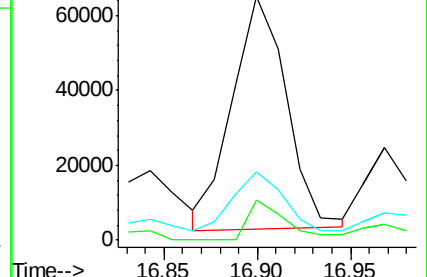
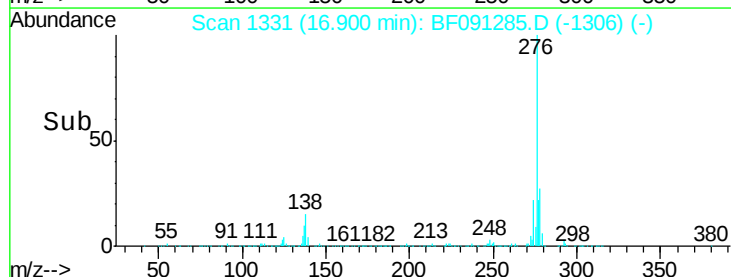
279 28.2 19.0 28.6

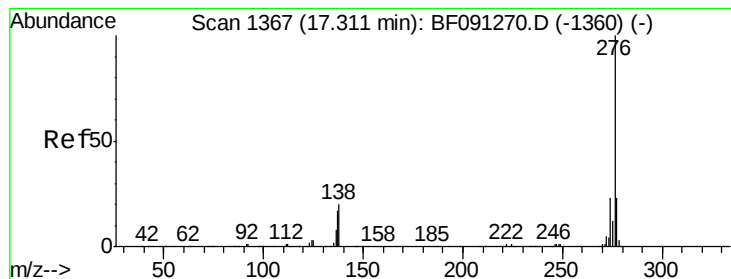


Abundance Ion 278.00 (277.70 to 278.70): E

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: 20.55 ng

RT: 17.32 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF091285.D

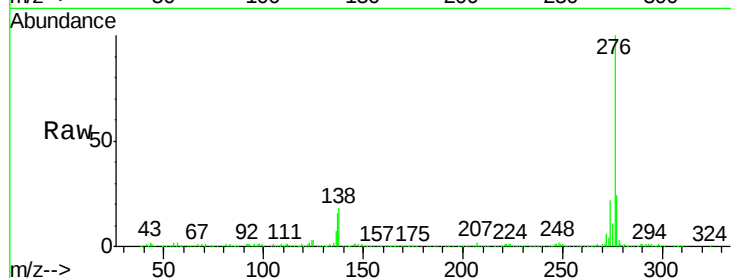
Acq: 23 Nov 2016 20:02

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)



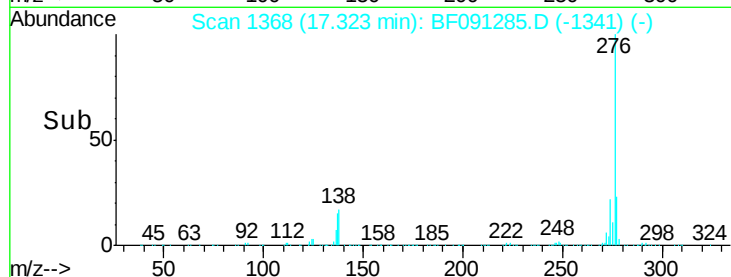
Tgt Ion: 276 Resp: 518682

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 17.6 15.4 23.0



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

