

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
 Data File : BF091134.D
 Acq On : 9 Nov 2016 19:50
 Operator : UM/SJ
 Sample : H5582-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104

Quant Time: Nov 09 23:10:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

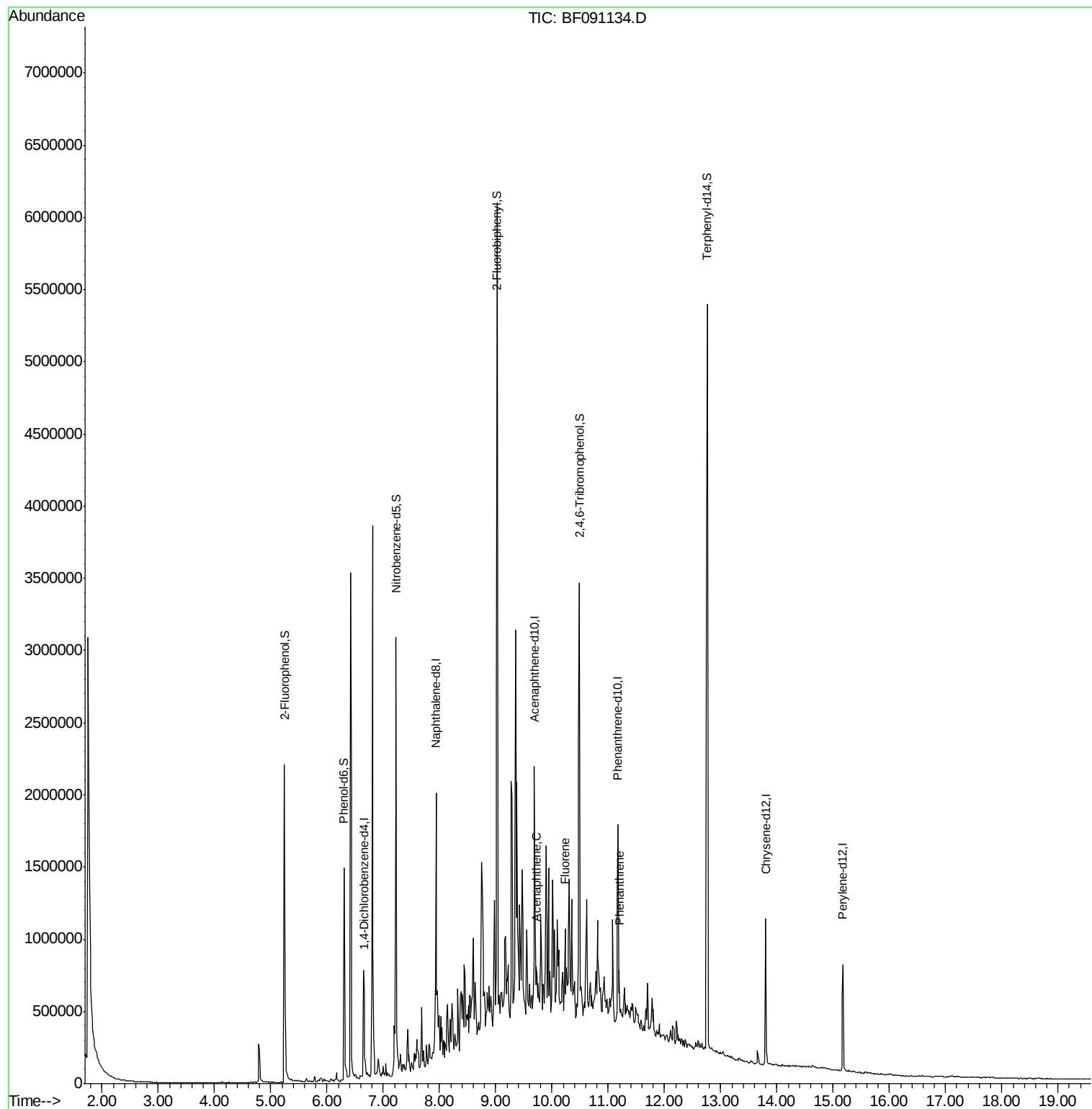
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	167524	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	710763	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	364746	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	630942	20.00	ng	0.00
75) Chrysene-d12	13.80	240	491020	20.00	ng	-0.01
86) Perylene-d12	15.17	264	353482	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	670306	66.08	ng	0.00
7) Phenol-d6	6.30	99	579279	42.07	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1344619	103.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	557746	169.14	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1980438	93.48	ng	-0.01
78) Terphenyl-d14	12.76	244	2106094	107.04	ng	0.00
Target Compounds						
51) Acenaphthene	9.72	154	48509	2.45	ng	94
57) Fluorene	10.24	166	105536	4.85	ng	96
70) Phenanthrene	11.20	178	131021	3.91	ng	95

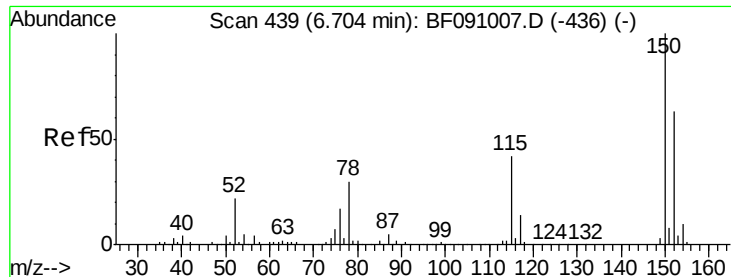
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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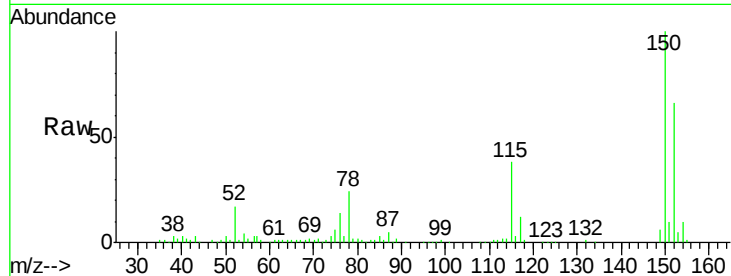


#1

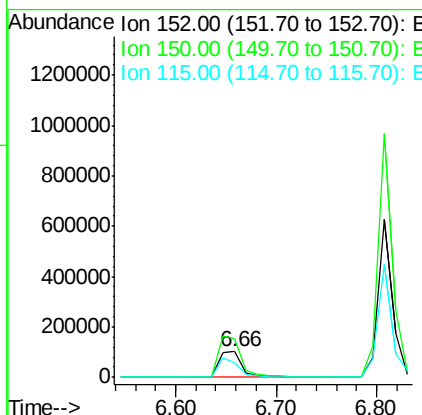
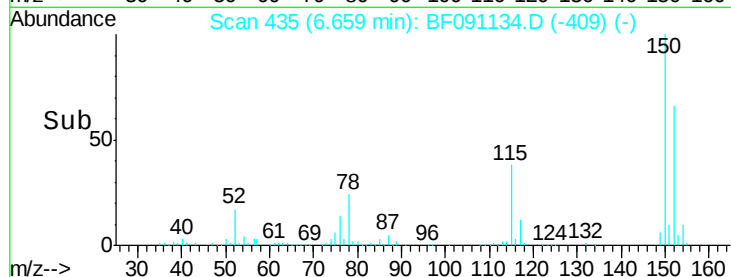
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091134.D
Acq: 9 Nov 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-104

Tot Ion:152 Resp: 167524
Ion Ratio Lower Upper
152 100
150 151.0 126.8 190.2
115 57.4 53.3 79.9



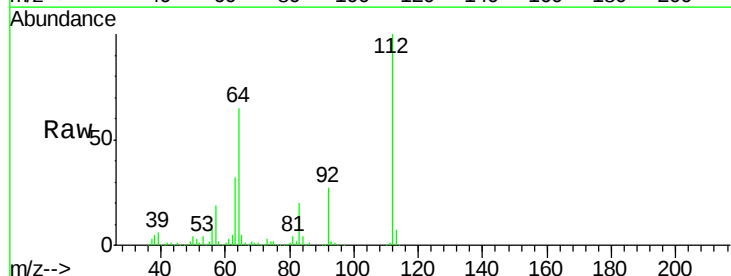
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



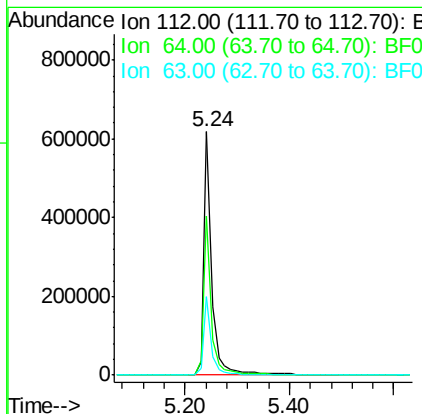
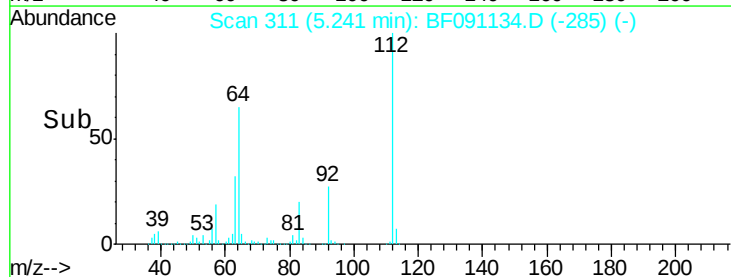
#5

2-Fluorophenol
Concen: 66.08 ng
RT: 5.24 min Scan# 311
Delta R.T. -0.00 min
Lab File: BF091134.D
Acq: 9 Nov 2016 19:50

Tgt Ion:112 Resp: 670306
Ion Ratio Lower Upper
112 100
64 65.1 55.8 83.6
63 32.1 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.07 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091134.D

Acq: 9 Nov 2016 19:50

Instrument :

BNA_F

ClientSampleId :

MW-104

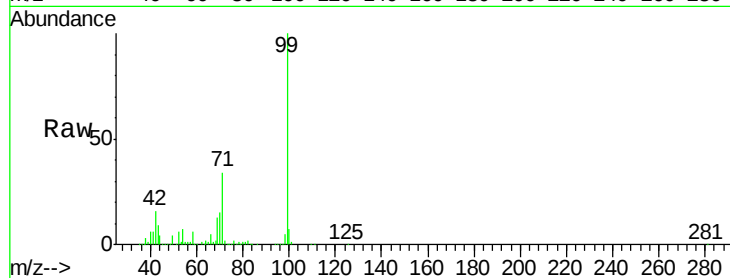
Tot Ion: 99 Resp: 579279

Ion Ratio Lower Upper

99 100

42 16.1 13.9 20.9

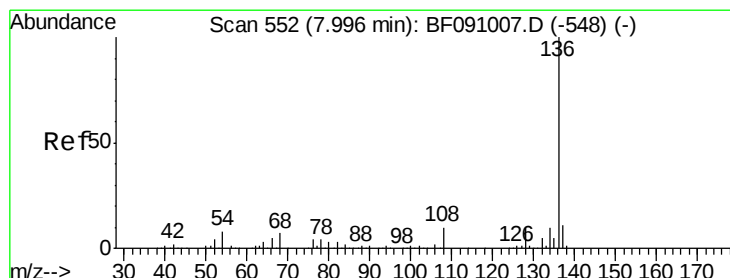
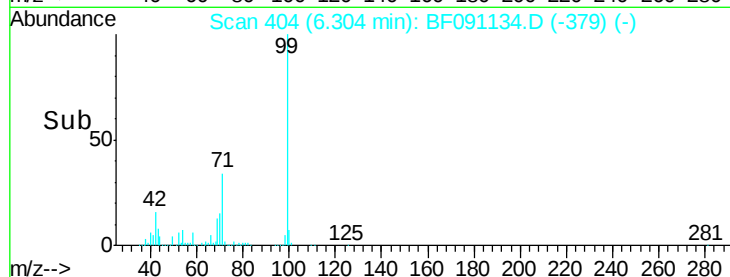
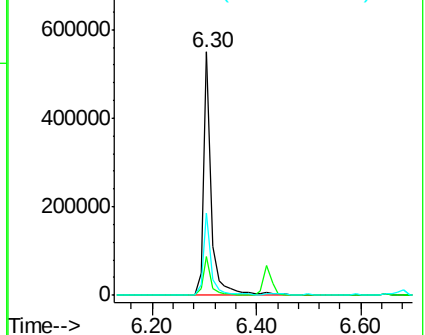
71 33.7 27.8 41.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF091134.D

Acq: 9 Nov 2016 19:50

Tgt Ion: 136 Resp: 710763

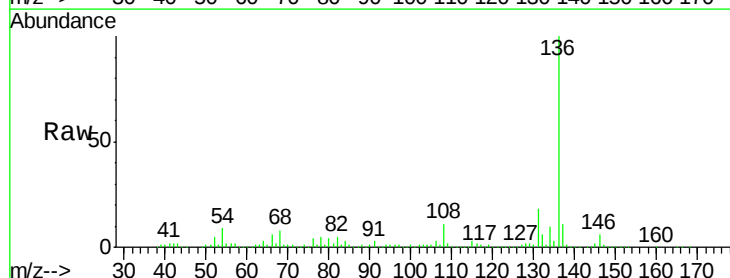
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.4 6.2 9.2#

68 8.4 5.5 8.3#

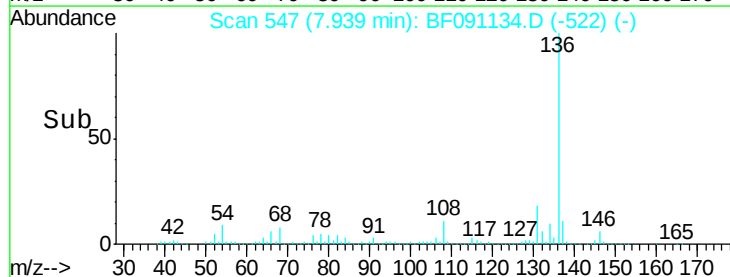
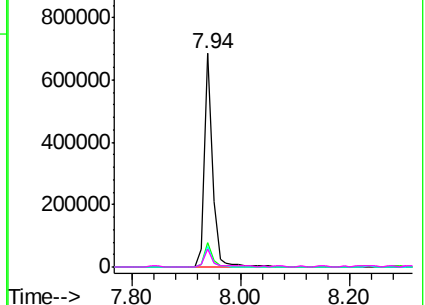


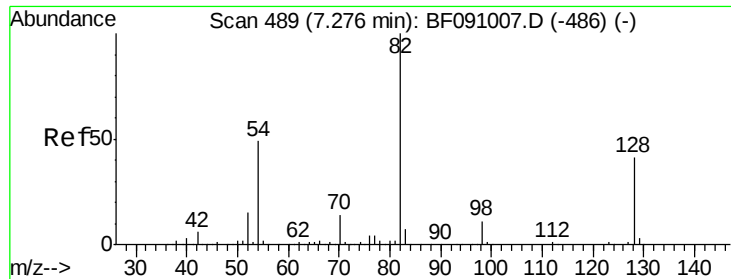
Abundance Ion 136.00 (135.70 to 136.70): E

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



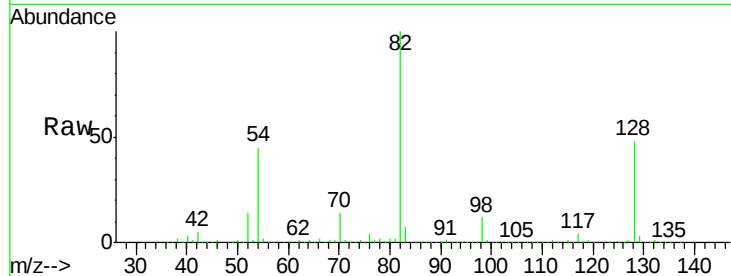


#23
 Nitrobenzene-d5
 Concen: 103.20 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091134.D
 Acq: 9 Nov 2016 19:50

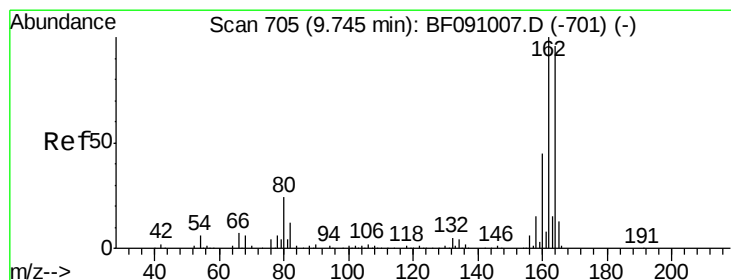
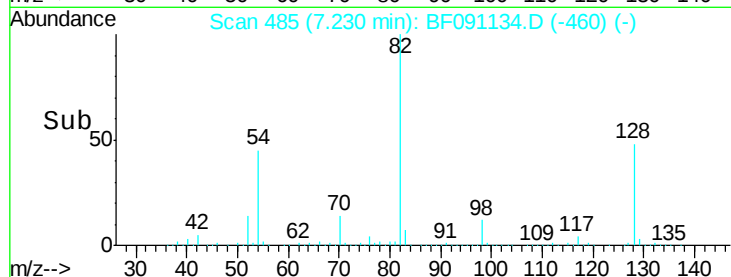
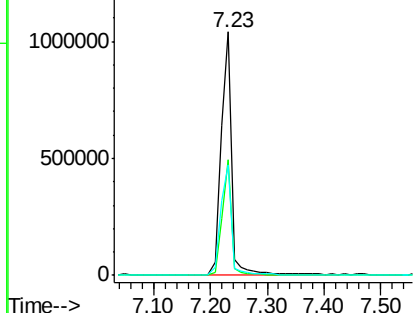
Instrument :
 BNA_F
 ClientSampled :
 MW-104

Tot Ion: 82 Resp: 1344619

Ion	Ratio	Lower	Upper
82	100		
128	47.7	32.4	48.6
54	45.4	39.2	58.8



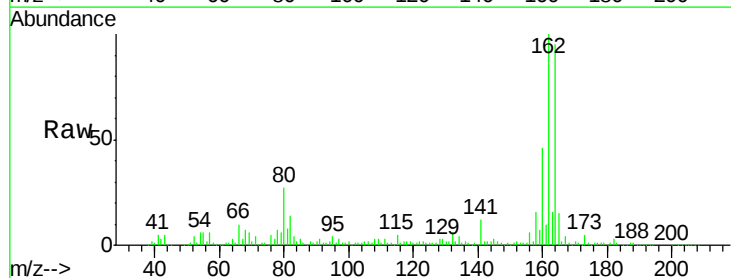
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



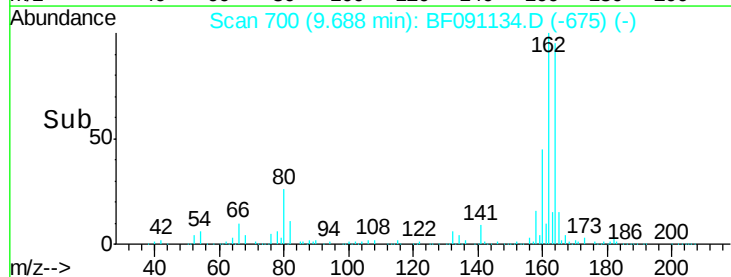
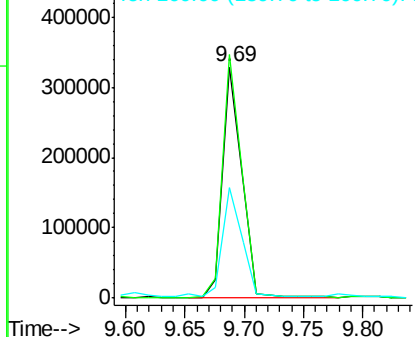
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF091134.D
 Acq: 9 Nov 2016 19:50

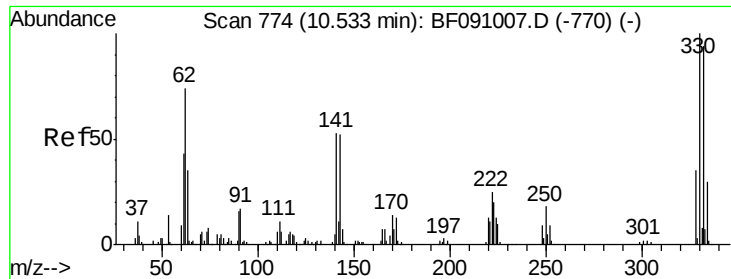
Tgt Ion:164 Resp: 364746

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.6	125.4
160	48.0	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

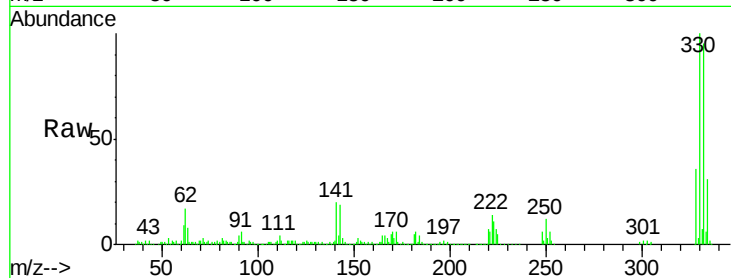




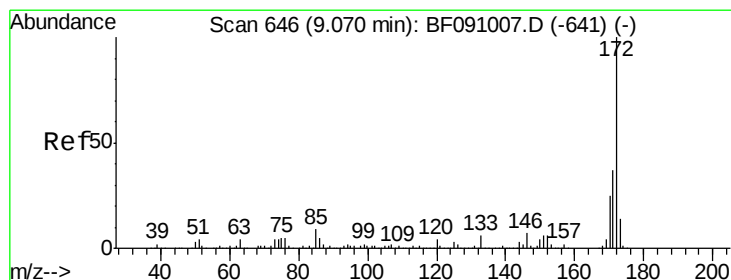
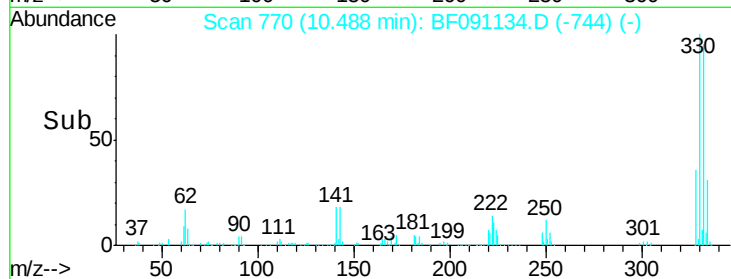
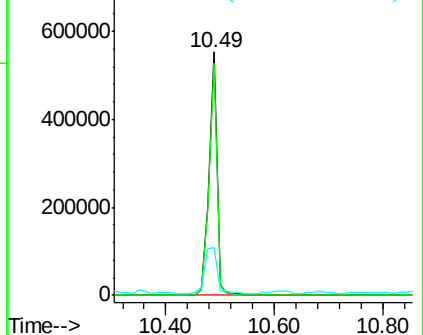
#41
 2,4,6-Tribromophenol
 Concen: 169.14 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091134.D
 Acq: 9 Nov 2016 19:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-104

Tot Ion:330 Resp: 557746
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.9 113.9
 141 29.5 36.1 54.1#

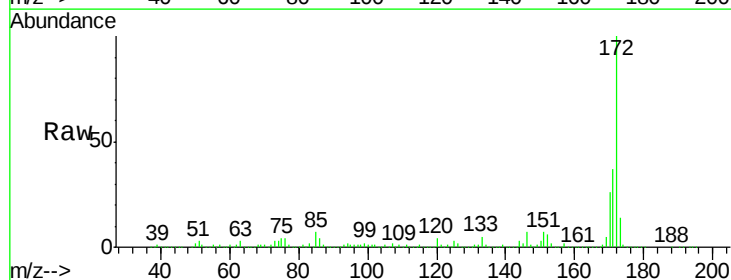


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

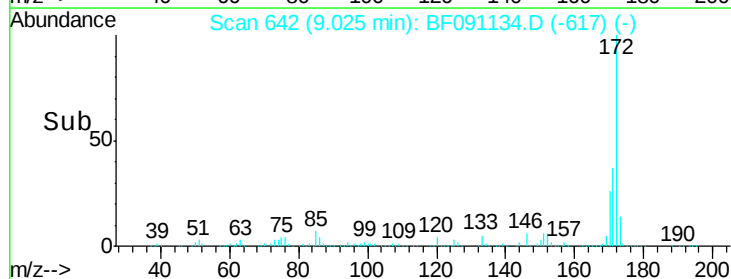
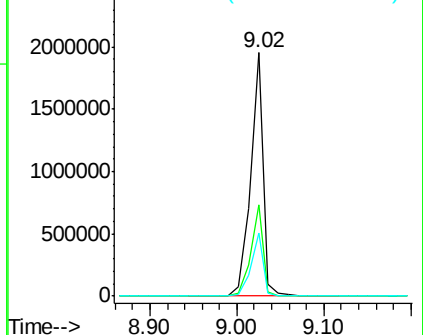


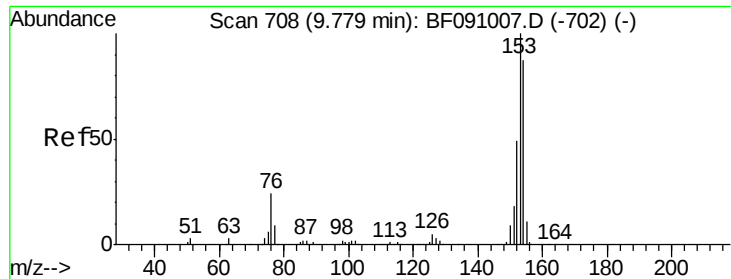
#44
 2-Fluorobiphenyl
 Concen: 93.48 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091134.D
 Acq: 9 Nov 2016 19:50

Tgt Ion:172 Resp: 1980438
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.8 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





#51

Acenaphthene

Concen: 2.45 ng

RT: 9.72 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF091134.D

Acq: 9 Nov 2016 19:50

Instrument :

BNA_F

ClientSampleId :

MW-104

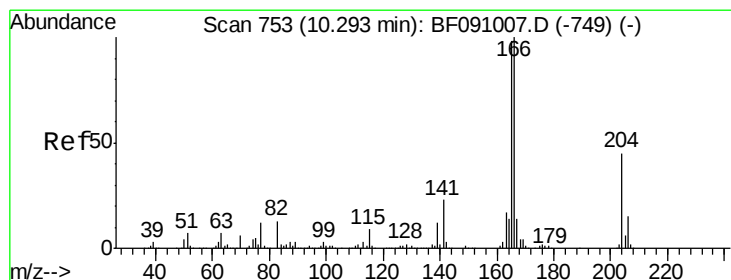
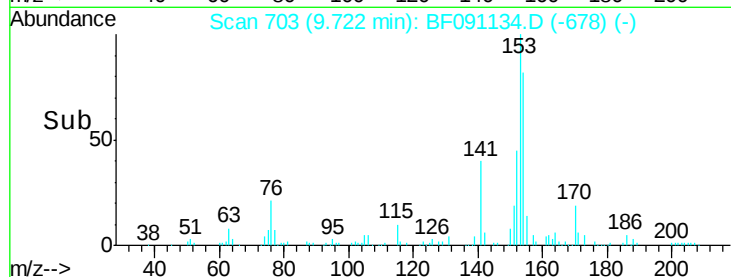
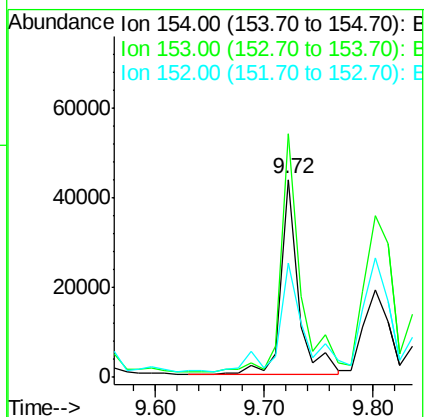
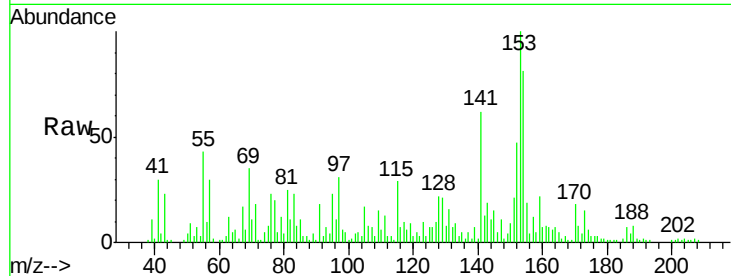
Tot Ion:154 Resp: 48509

Ion Ratio Lower Upper

154 100

153 122.9 91.6 137.4

152 57.4 44.6 67.0



#57

Fluorene

Concen: 4.85 ng

RT: 10.24 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF091134.D

Acq: 9 Nov 2016 19:50

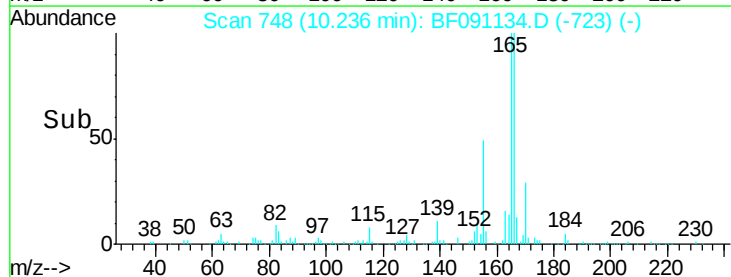
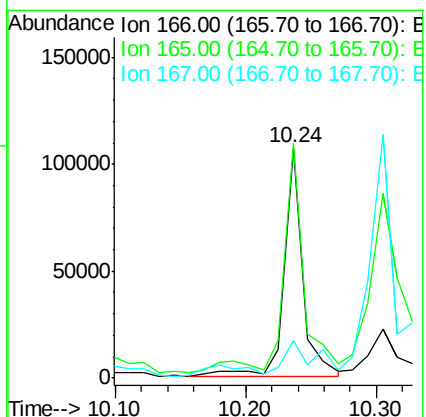
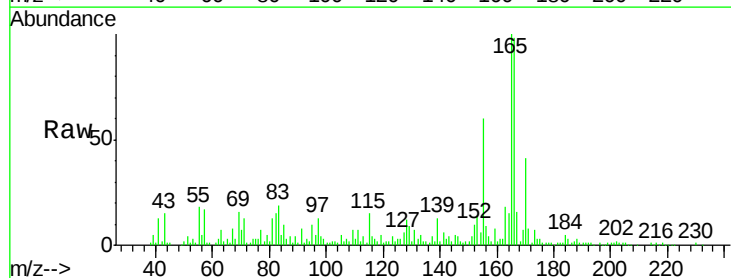
Tgt Ion:166 Resp: 105536

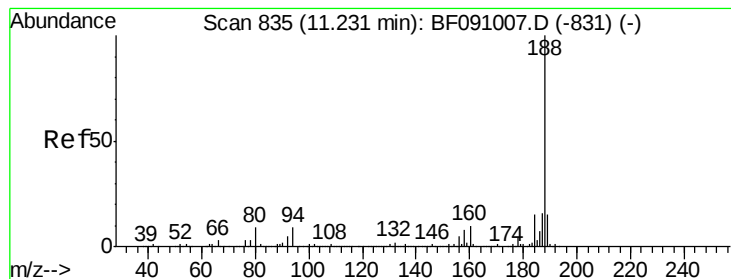
Ion Ratio Lower Upper

166 100

165 102.0 78.6 118.0

167 16.2 11.1 16.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF091134.D

Acq: 9 Nov 2016 19:50

Instrument :

BNA_F

ClientSampleId :

MW-104

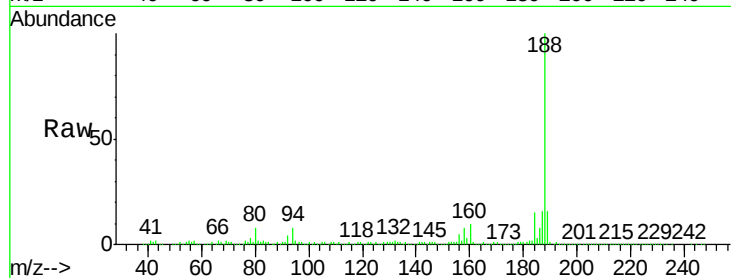
Tot Ion:188 Resp: 630942

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

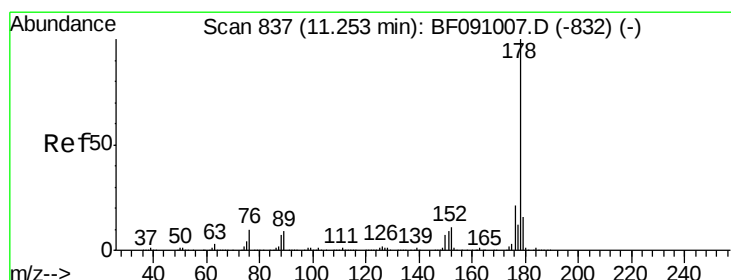
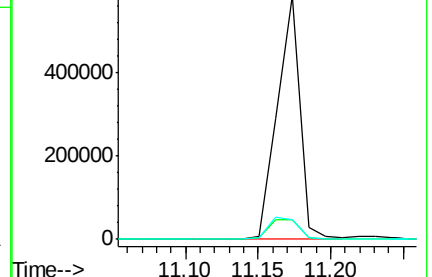
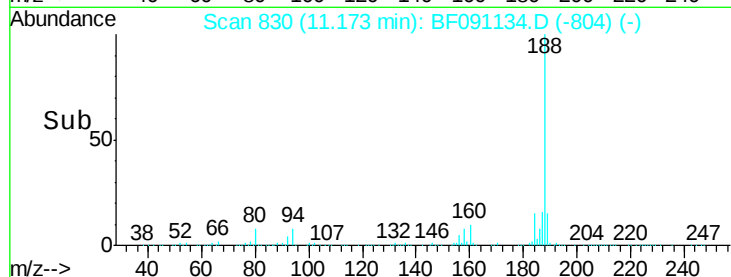
80 8.0 7.5 11.3



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: 3.91 ng

RT: 11.20 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF091134.D

Acq: 9 Nov 2016 19:50

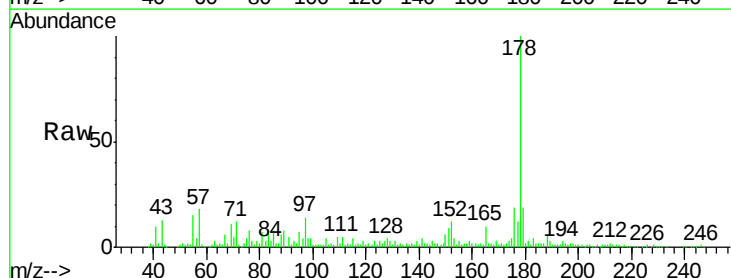
Tgt Ion:178 Resp: 131021

Ion Ratio Lower Upper

178 100

176 19.4 16.6 25.0

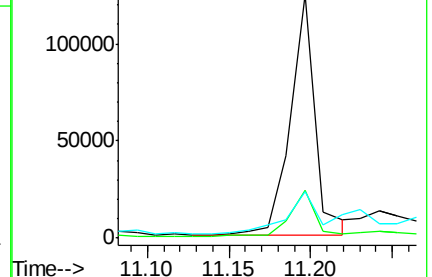
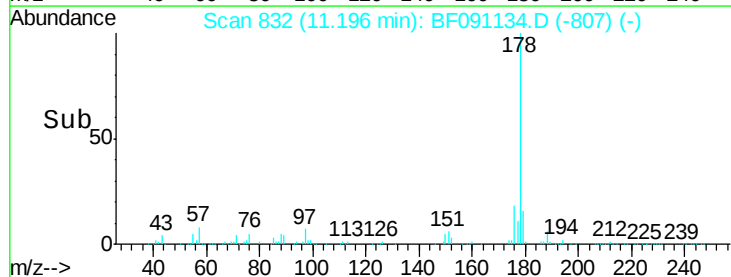
179 18.9 12.9 19.3

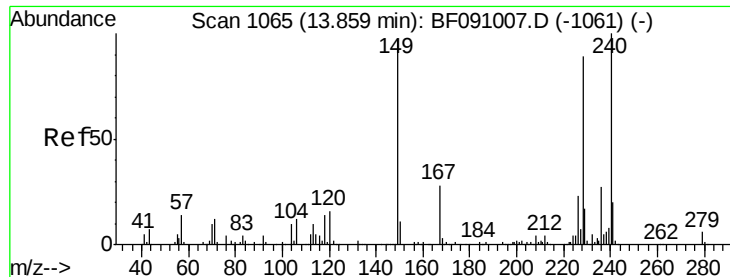


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091134.D

Acq: 9 Nov 2016 19:50

Instrument :

BNA_F

ClientSampleId :

MW-104

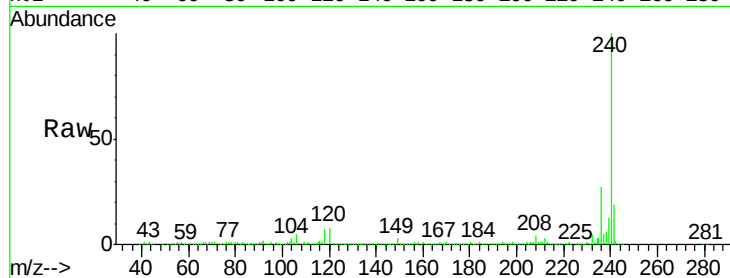
Tot Ion:240 Resp: 491020

Ion Ratio Lower Upper

240 100

120 8.1 12.9 19.3#

236 27.0 21.9 32.9

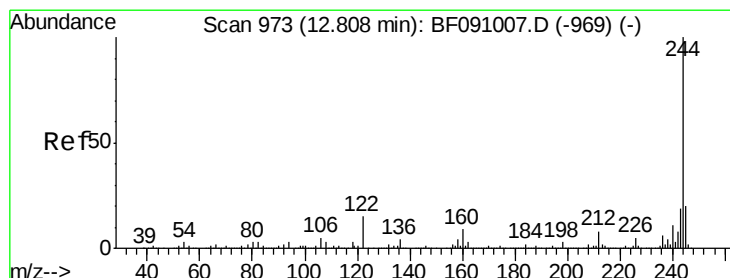
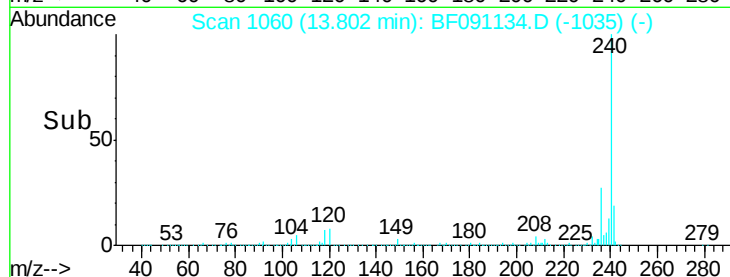


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



#78

Terphenyl-d14

Concen: 107.04 ng

RT: 12.76 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF091134.D

Acq: 9 Nov 2016 19:50

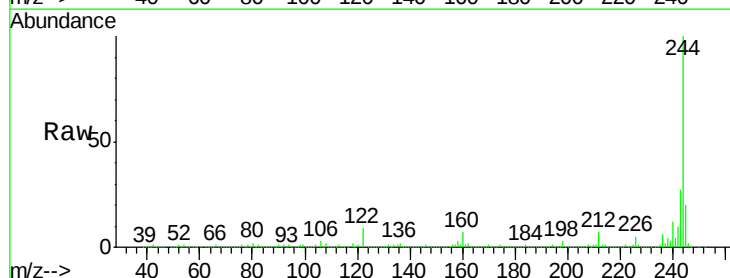
Tgt Ion:244 Resp: 2106094

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

122 9.4 12.3 18.5#

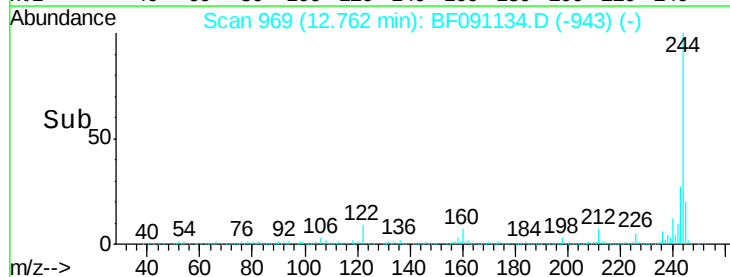


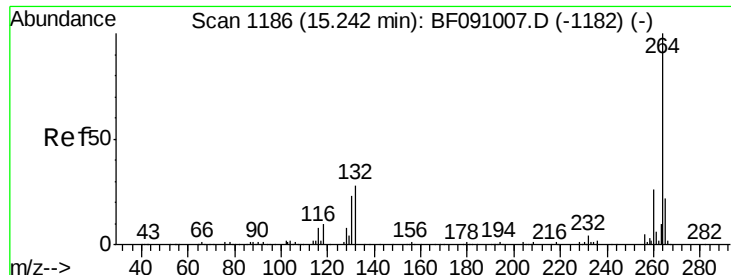
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->

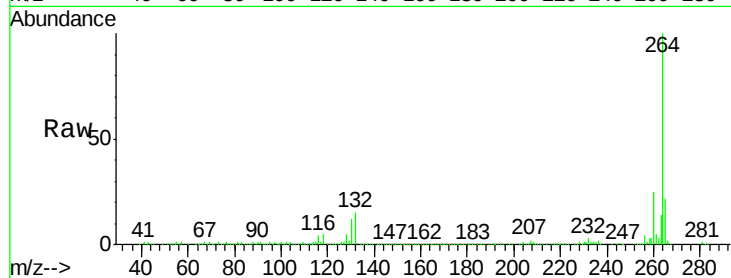




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF091134.D
 Acq: 9 Nov 2016 19:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-104

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	21.8	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

