

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079126.D
 Acq On : 11 May 2015 20:10
 Operator : TP/IZ
 Sample : G2146-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: May 12 01:58:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

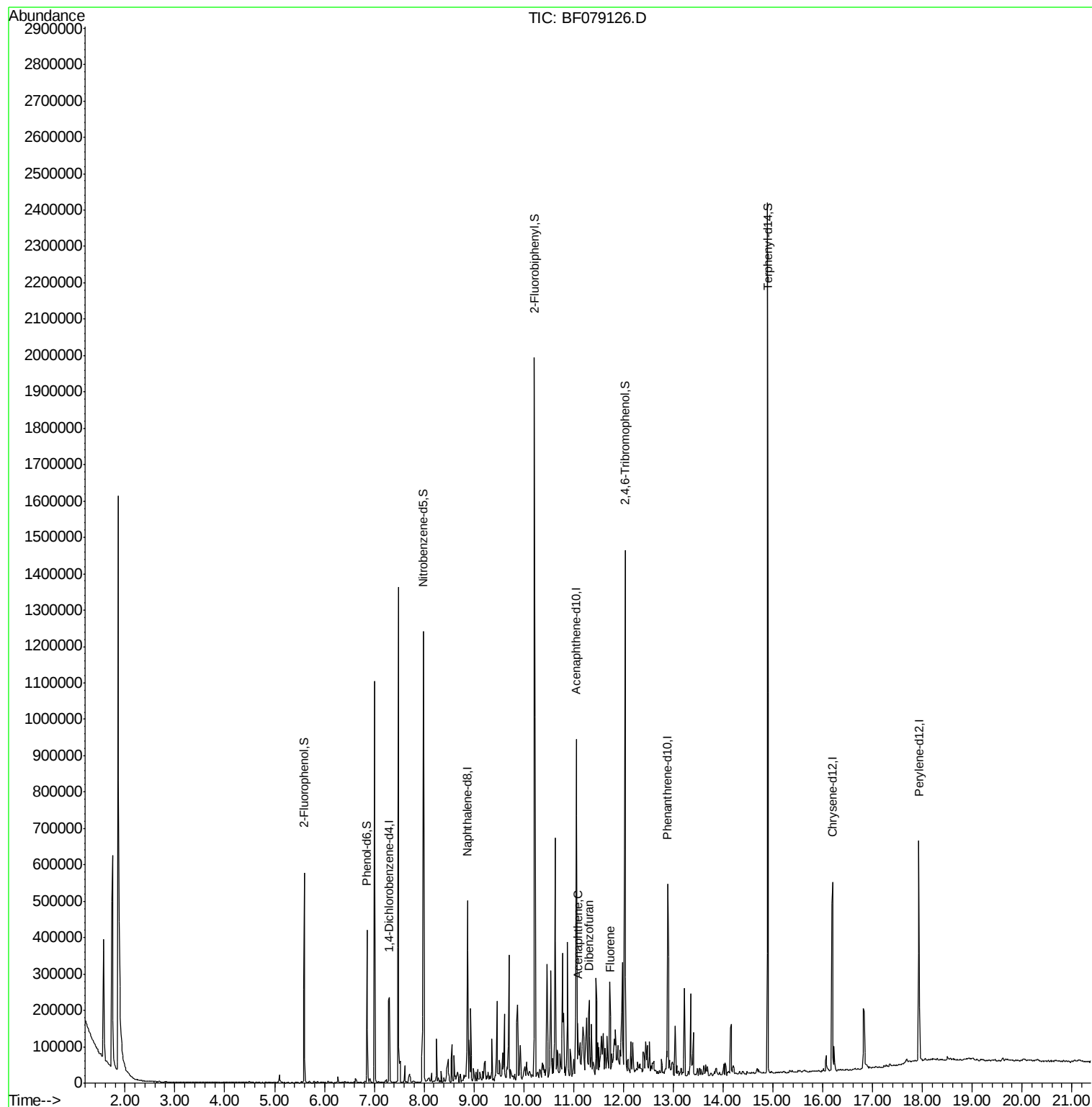
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	55258	20.00	ng	0.00
21) Naphthalene-d8	8.87	136	236802	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	124437	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	237308	20.00	ng	-0.01
75) Chrysene-d12	16.19	240	263821	20.00	ng	-0.03
86) Perylene-d12	17.93	264	278554	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	187442	58.39	ng	0.01
7) Phenol-d6	6.86	99	153551	36.19	ng	0.00
23) Nitrobenzene-d5	7.99	82	349534	84.83	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	181668	134.95	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	726025	81.29	ng	-0.01
78) Terphenyl-d14	14.89	244	907512	82.36	ng	-0.01
Target Compounds						Qvalue
51) Acenaphthene	11.08	154	28787	3.81	ng	97
54) Dibenzofuran	11.30	168	45731	4.19	ng	# 95
57) Fluorene	11.74	166	48993	5.47	ng	# 95

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

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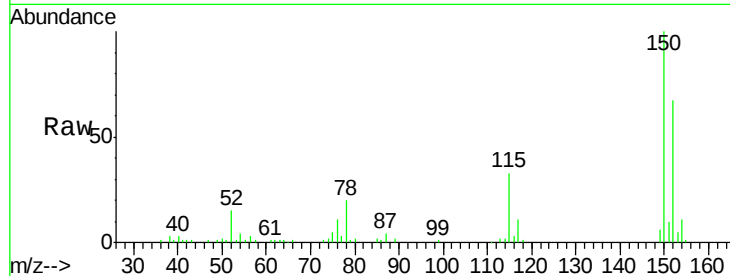


#1

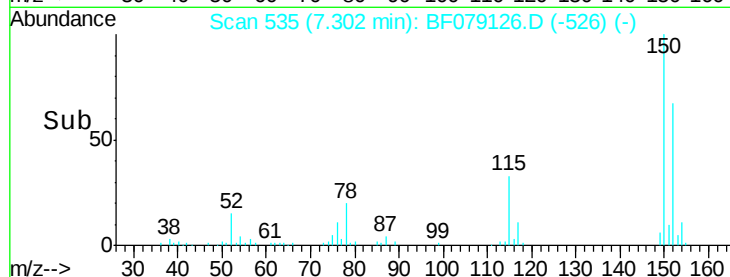
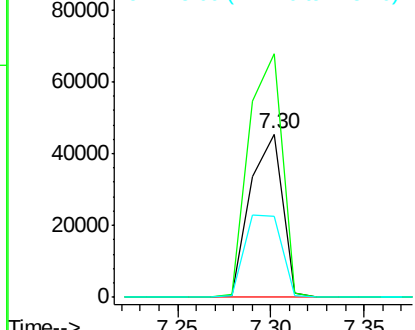
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF079126.D
Acq: 11 May 2015 20:10

Instrument :
BNA_F
ClientSampled :
MW-10

Tot Ion:152 Resp: 55258
Ion Ratio Lower Upper
152 100
150 149.0 122.0 183.0
115 49.6 46.3 69.5



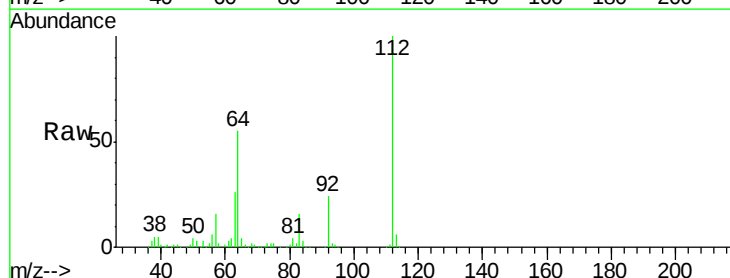
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



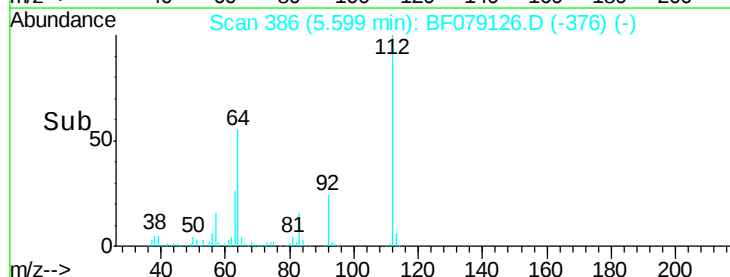
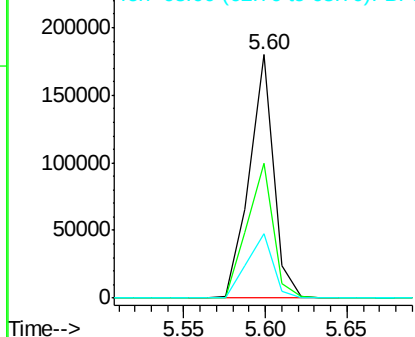
#5

2-Fluorophenol
Concen: 58.39 ng
RT: 5.60 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF079126.D
Acq: 11 May 2015 20:10

Tgt Ion:112 Resp: 187442
Ion Ratio Lower Upper
112 100
64 55.4 53.5 80.3
63 26.3 27.5 41.3#



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: 36.19 ng

RT: 6.86 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF079126.D

Acq: 11 May 2015 20:10

Instrument :

BNA_F

ClientSampleId :

MW-10

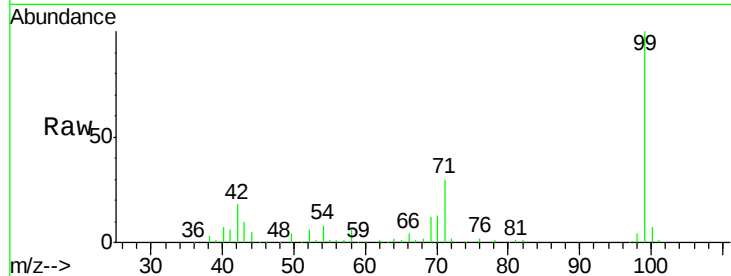
Tot Ion: 99 Resp: 153551

Ion Ratio Lower Upper

99 100

42 18.2 12.8 19.2

71 30.3 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)

6.86

150000

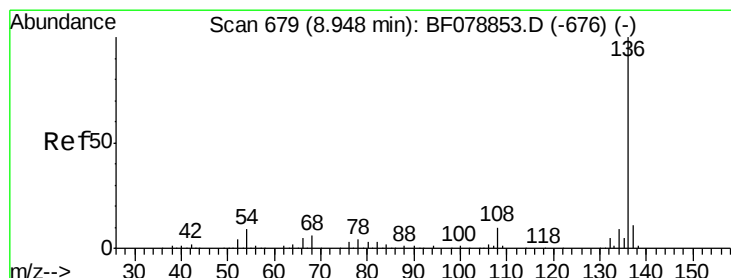
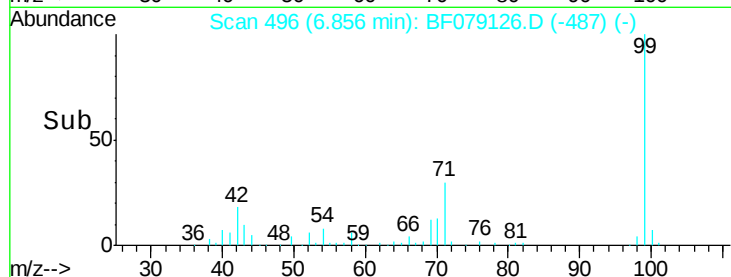
100000

50000

0

6.80 6.85 6.90

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.87 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF079126.D

Acq: 11 May 2015 20:10

Tgt Ion: 136 Resp: 236802

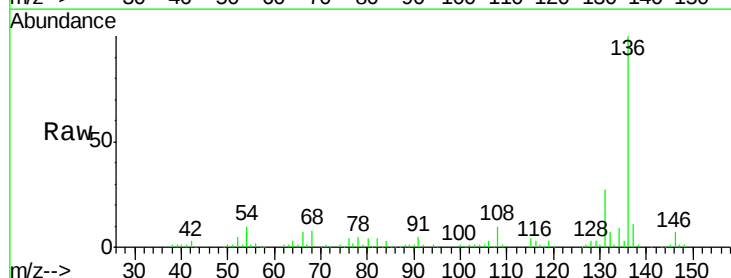
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.4 5.8 8.8#

68 7.6 4.2 6.4#



Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

8.87

250000

200000

150000

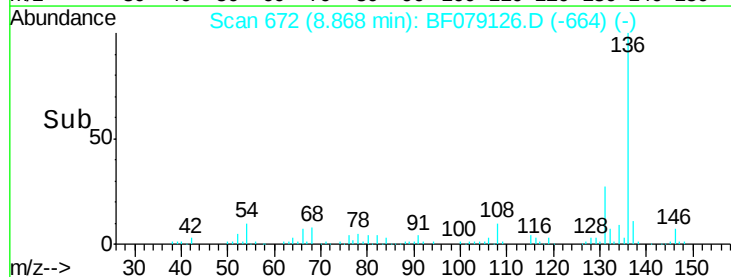
100000

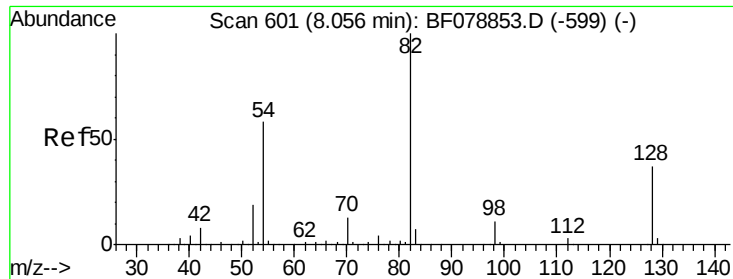
50000

0

8.80 8.85 8.90 8.95

Time-->

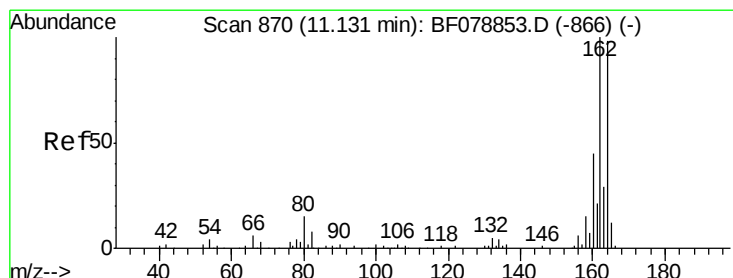
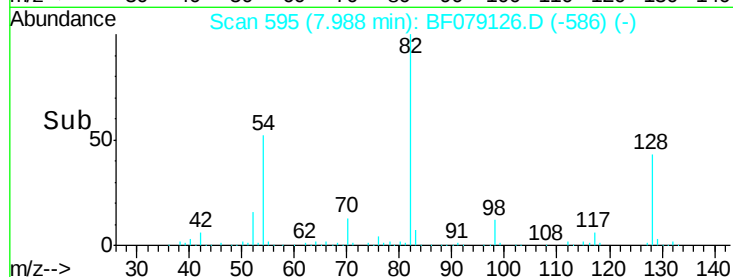
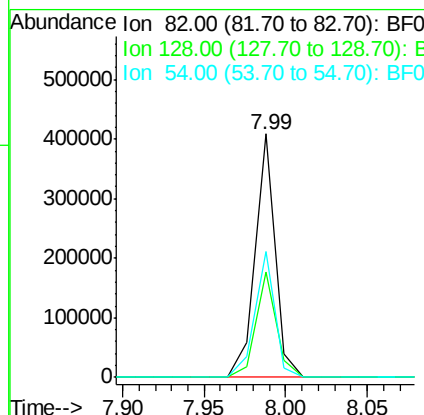
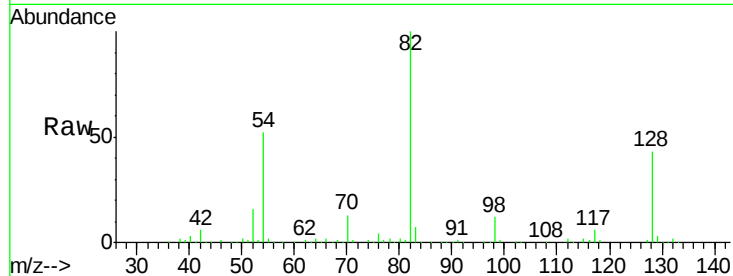




#23
 Nitrobenzene-d5
 Concen: 84.83 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF079126.D
 Acq: 11 May 2015 20:10

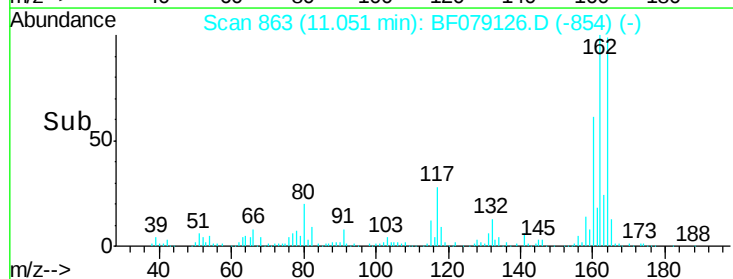
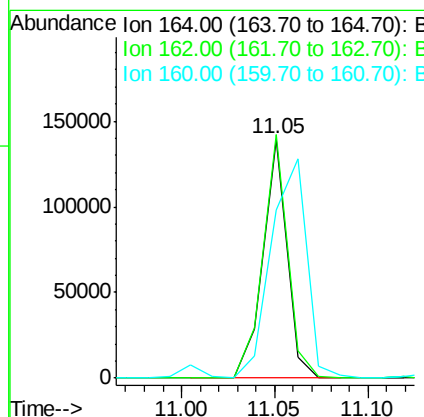
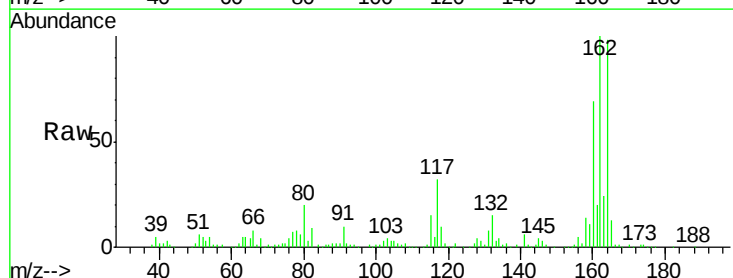
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tot Ion	82	Resp	349534
Ion Ratio	Lower	Upper	
82	100		
128	43.5	30.0	45.0
54	51.7	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF079126.D
 Acq: 11 May 2015 20:10

Tgt Ion	164	Resp	124437
Ion Ratio	Lower	Upper	
164	100		
162	101.8	82.7	124.1
160	70.2	35.8	53.8

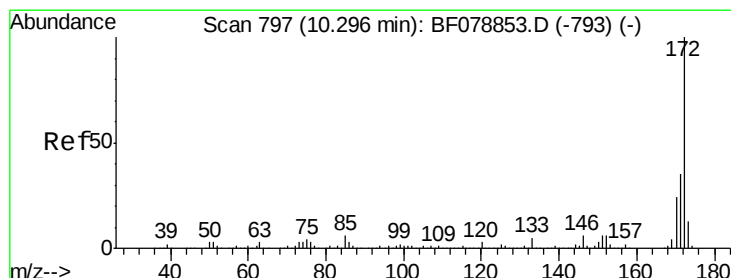
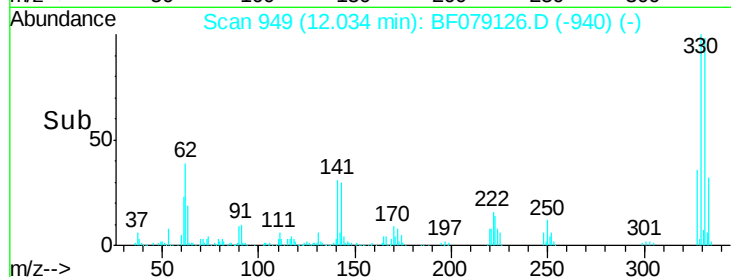
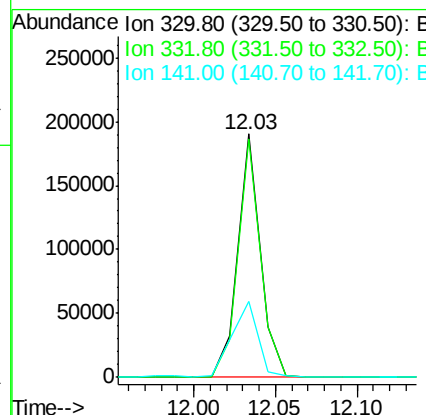
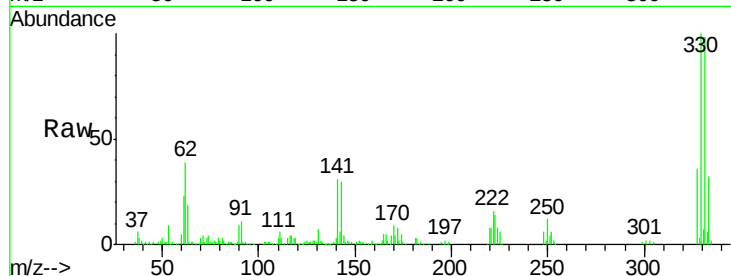




#41
 2,4,6-Tribromophenol
 Concen: 134.95 ng
 RT: 12.03 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF079126.D
 Acq: 11 May 2015 20:10

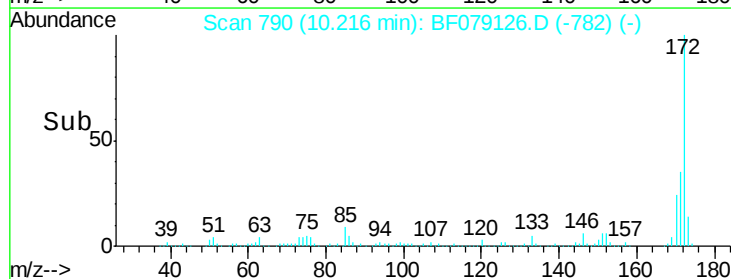
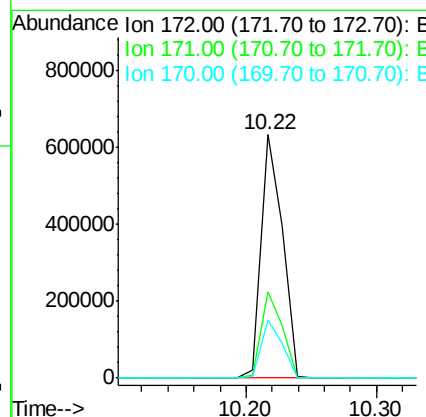
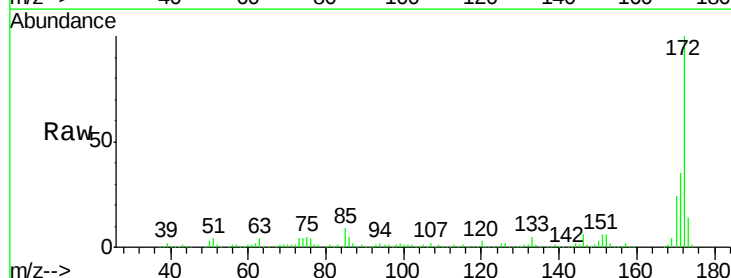
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

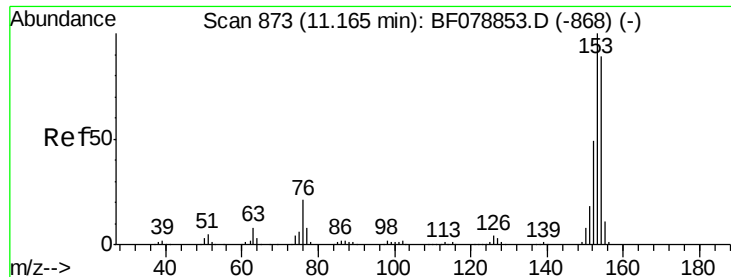
Tot Ion:330 Resp: 181668
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 34.6 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 81.29 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF079126.D
 Acq: 11 May 2015 20:10

Tgt Ion:172 Resp: 726025
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.9 41.9
 170 23.9 19.4 29.0





#51

Acenaphthene

Concen: 3.81 ng

RT: 11.08 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF079126.D

Acq: 11 May 2015 20:10

Instrument :

BNA_F

ClientSampleId :

MW-10

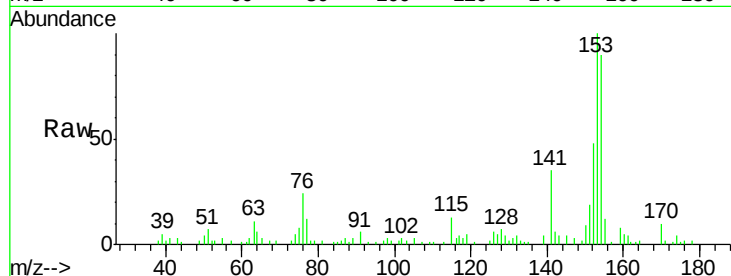
Tot Ion:154 Resp: 28787

Ion Ratio Lower Upper

154 100

153 111.3 91.5 137.3

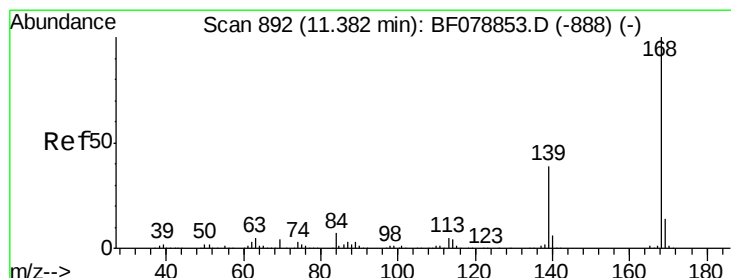
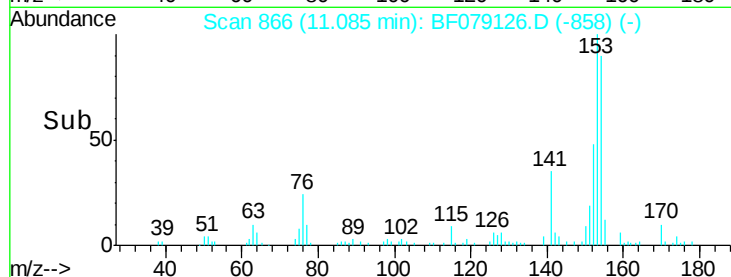
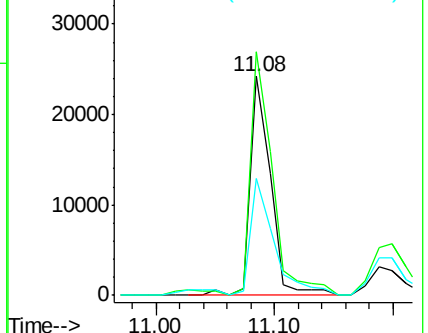
152 53.4 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 4.19 ng

RT: 11.30 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF079126.D

Acq: 11 May 2015 20:10

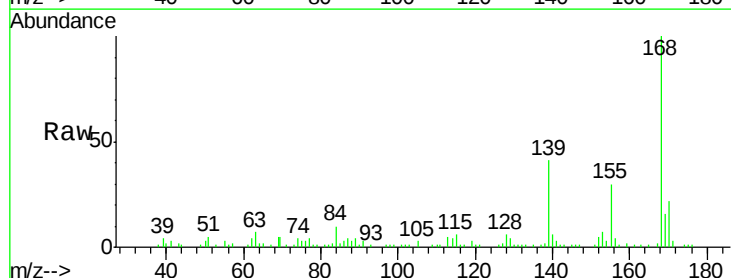
Tgt Ion:168 Resp: 45731

Ion Ratio Lower Upper

168 100

139 41.3 31.0 46.4

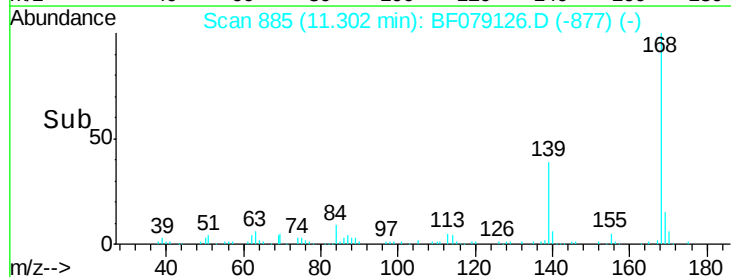
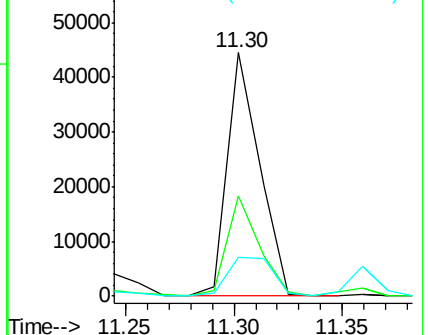
169 16.2 10.6 16.0#

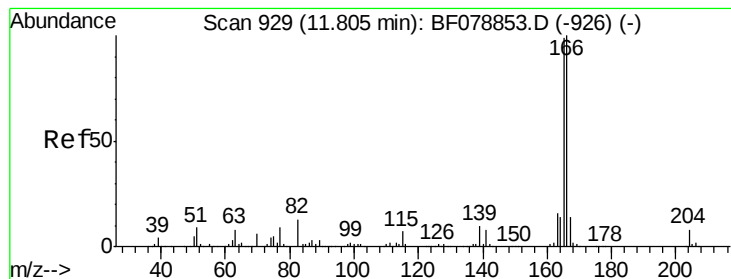


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 5.47 ng

RT: 11.74 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF079126.D

Acq: 11 May 2015 20:10

Instrument :

BNA_F

ClientSampleId :

MW-10

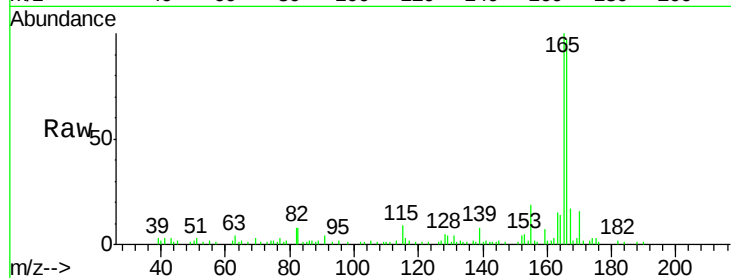
Tot Ion:166 Resp: 48993

Ion Ratio Lower Upper

166 100

165 102.6 78.5 117.7

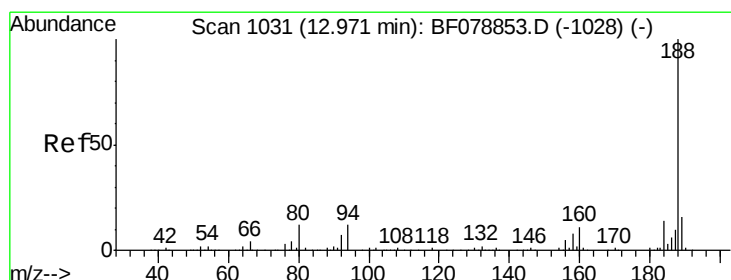
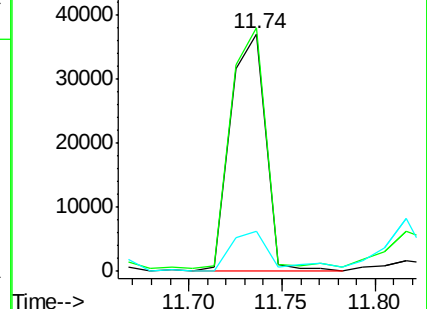
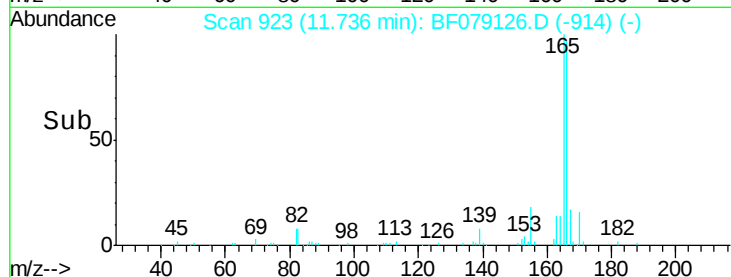
167 17.0 11.0 16.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.89 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF079126.D

Acq: 11 May 2015 20:10

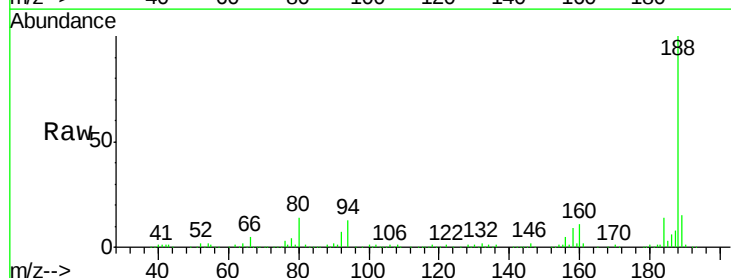
Tgt Ion:188 Resp: 237308

Ion Ratio Lower Upper

188 100

94 13.3 8.2 12.2#

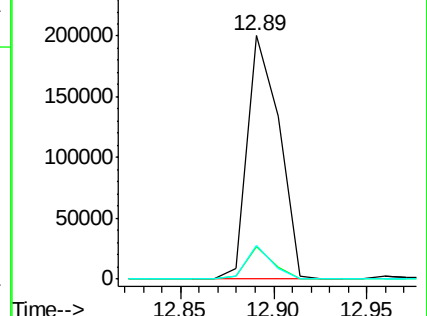
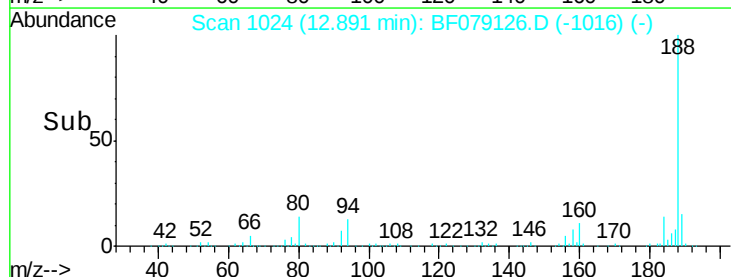
80 13.9 8.9 13.3#

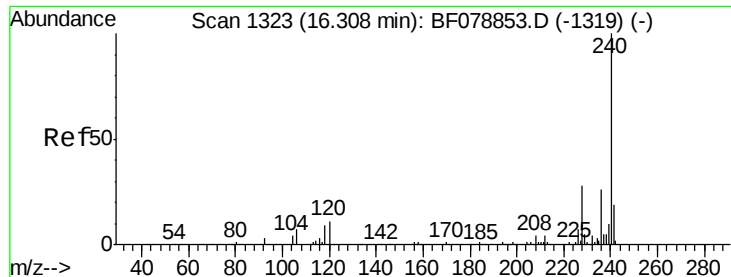


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.19 min Scan# 1313

Delta R.T. -0.03 min

Lab File: BF079126.D

Acq: 11 May 2015 20:10

Instrument :

BNA_F

ClientSampled :

MW-10

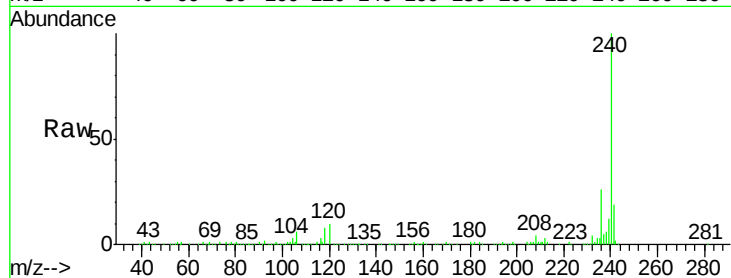
Tot Ion:240 Resp: 263821

Ion Ratio Lower Upper

240 100

120 9.5 9.7 14.5#

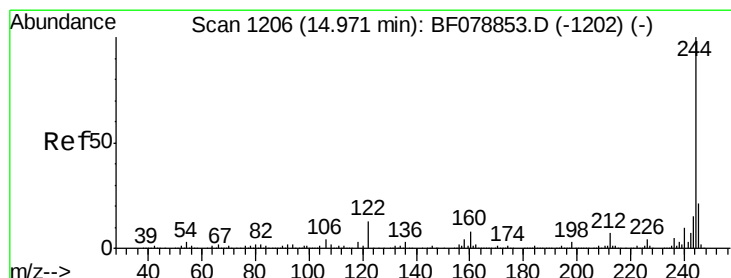
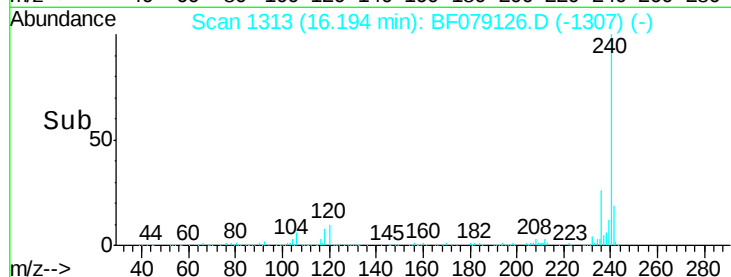
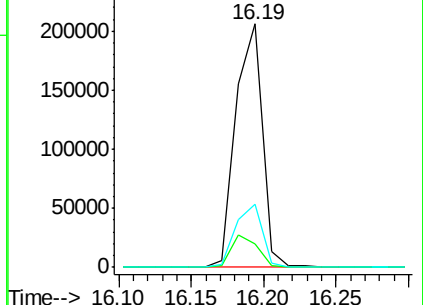
236 25.9 20.2 30.4



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



#78

Terphenyl-d14

Concen: 82.36 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF079126.D

Acq: 11 May 2015 20:10

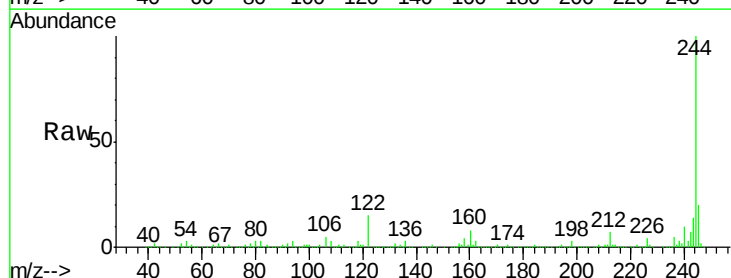
Tgt Ion:244 Resp: 907512

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

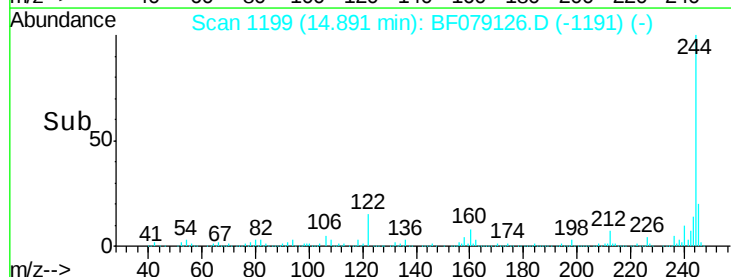
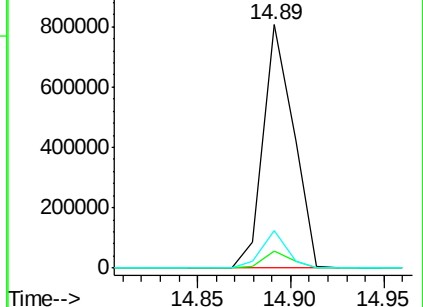
122 15.4 10.3 15.5

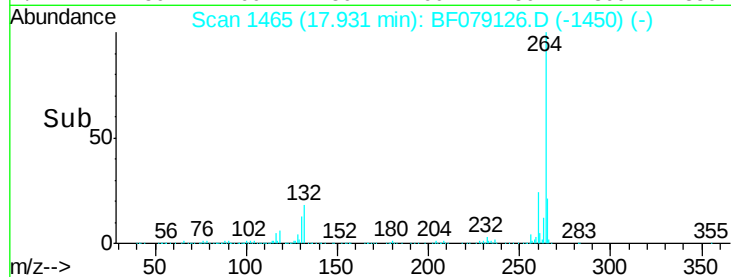
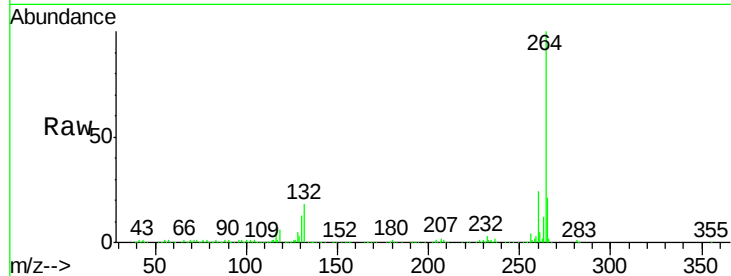
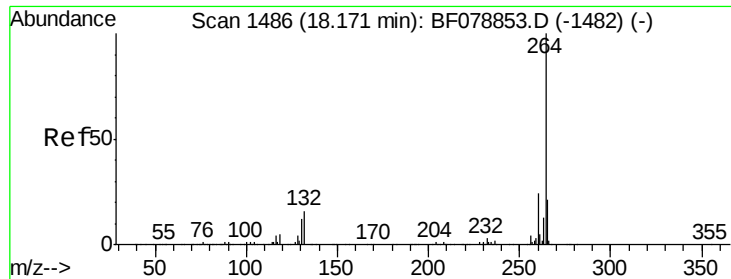


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 17.93 min Scan# 1465

Delta R.T. -0.13 min

Lab File: BF079126.D

Acq: 11 May 2015 20:10

Instrument :

BNA_F

ClientSampleId :

MW-10

Tot Ion: 264 Resp: 278554

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.1 18.3 27.5

