

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079188.D
 Acq On : 13 May 2015 7:43
 Operator : TP/IZ
 Sample : G2194-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-21-4.5

Quant Time: May 13 08:23:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 07:34:34 2015
 Response via : Initial Calibration

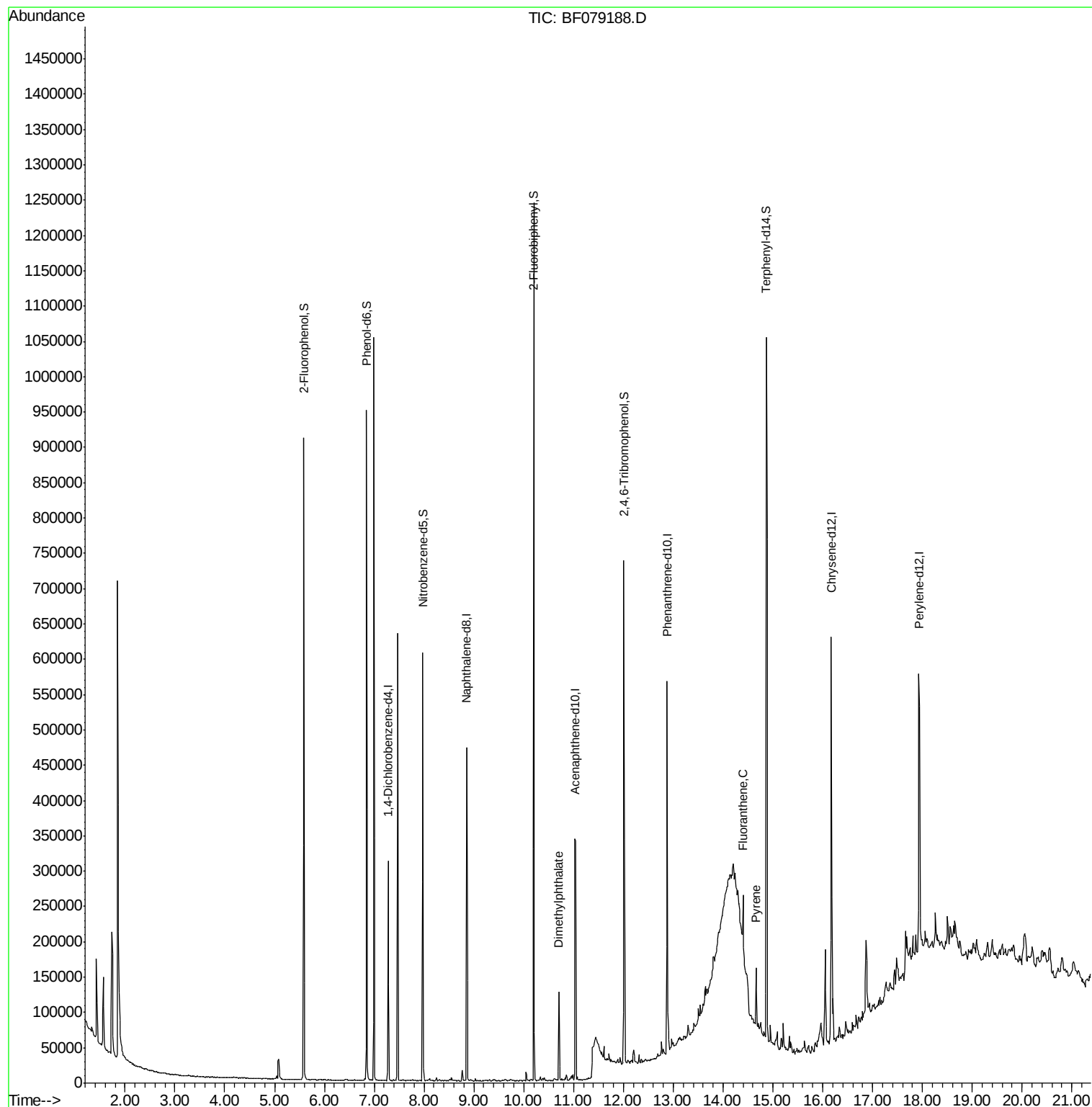
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	53181	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	221001	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	105138	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	199620	20.00	ng	0.00
75) Chrysene-d12	16.17	240	216854	20.00	ng	0.00
86) Perylene-d12	17.93	264	222796	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	285281	92.34	ng	0.00
7) Phenol-d6	6.84	99	362615	88.80	ng	0.00
23) Nitrobenzene-d5	7.98	82	218444	56.81	ng	0.00
41) 2,4,6-Tribromophenol	12.01	330	98553	86.65	ng	-0.01
44) 2-Fluorobiphenyl	10.20	172	395178	52.37	ng	0.00
78) Terphenyl-d14	14.87	244	434707	47.99	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.71	163	48013	6.22	ng	99
74) Fluoranthene	14.40	202	29887	2.57	ng	96
77) Pyrene	14.66	202	41972	3.36	ng	95

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

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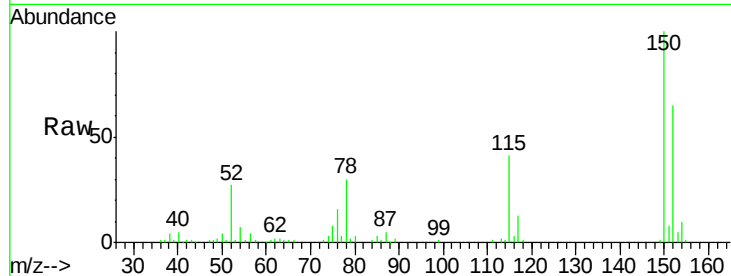


#1

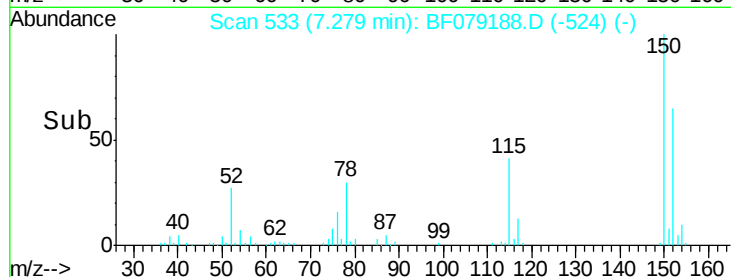
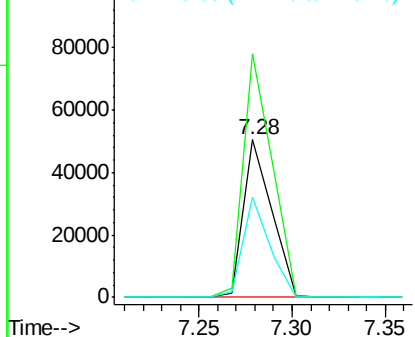
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF079188.D
Acq: 13 May 2015 7:43

Instrument :
BNA_F
ClientSampleId :
TU012-SB-21-4.5

Tot Ion:152 Resp: 53181
Ion Ratio Lower Upper
152 100
150 154.5 122.0 183.0
115 63.5 46.3 69.5



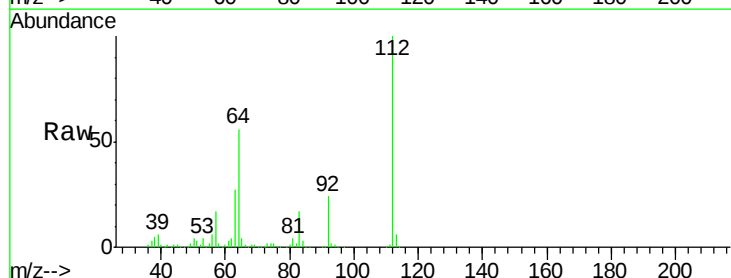
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



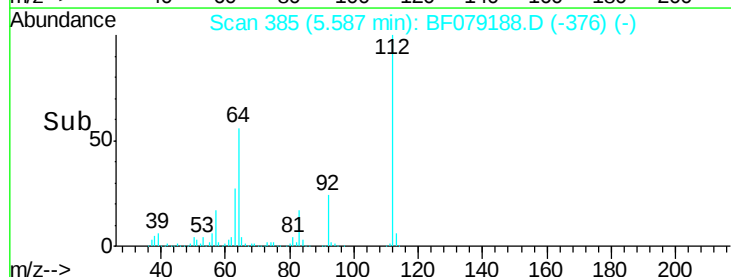
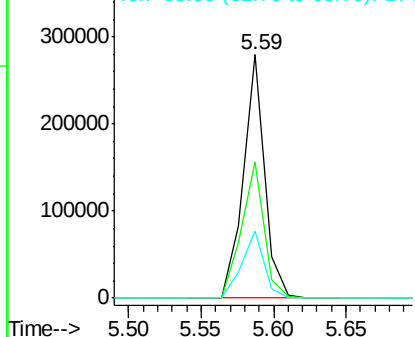
#5

2-Fluorophenol
Concen: 92.34 ng
RT: 5.59 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF079188.D
Acq: 13 May 2015 7:43

Tgt Ion:112 Resp: 285281
Ion Ratio Lower Upper
112 100
64 55.8 53.5 80.3
63 27.4 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: 88.80 ng

RT: 6.84 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF079188.D

Acq: 13 May 2015 7:43

Instrument :

BNA_F

ClientSampleId :

TU012-SB-21-4.5

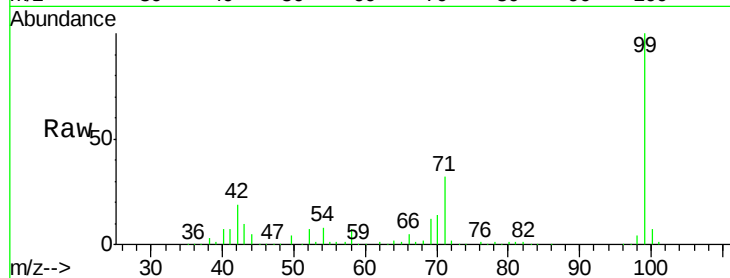
Tot Ion: 99 Resp: 362615

Ion Ratio Lower Upper

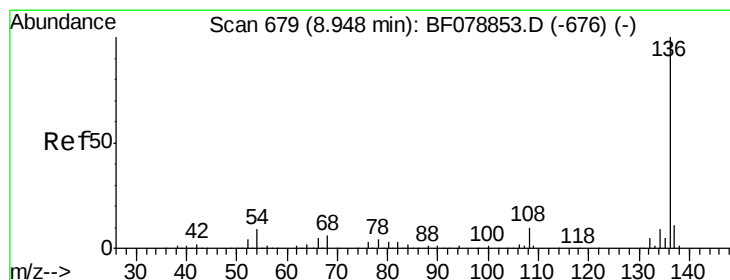
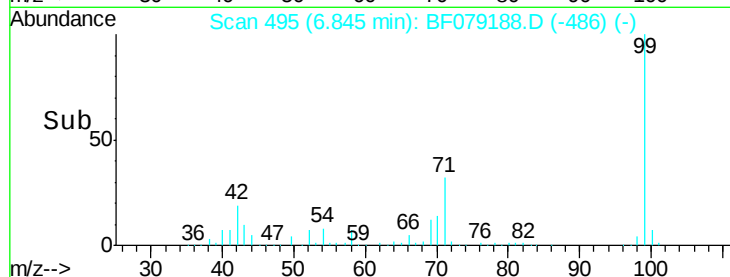
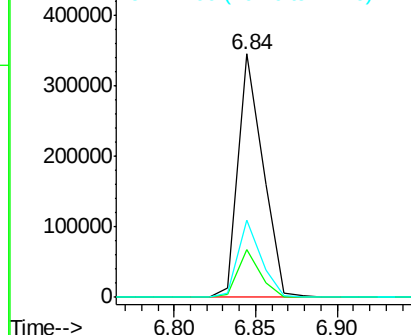
99 100

42 19.4 12.8 19.2#

71 31.9 23.4 35.2



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: 8.86 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF079188.D

Acq: 13 May 2015 7:43

Tgt Ion: 136 Resp: 221001

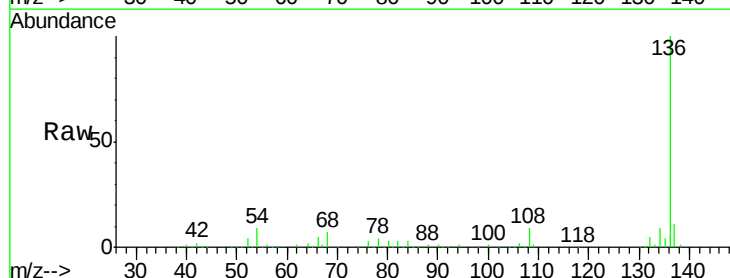
Ion Ratio Lower Upper

136 100

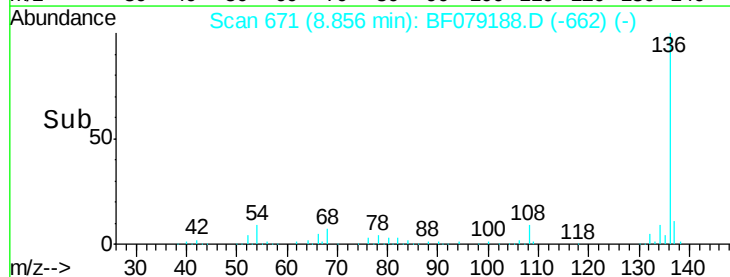
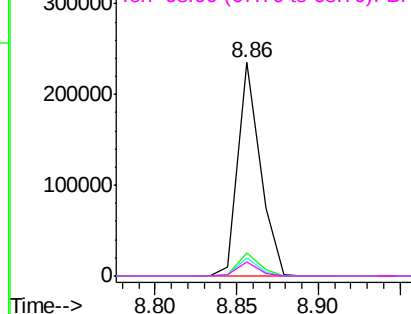
137 10.8 8.7 13.1

54 8.6 5.8 8.8

68 6.6 4.2 6.4#



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: 56.81 ng

RT: 7.98 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF079188.D

Acq: 13 May 2015 7:43

Instrument :

BNA_F

ClientSampleId :

TU012-SB-21-4.5

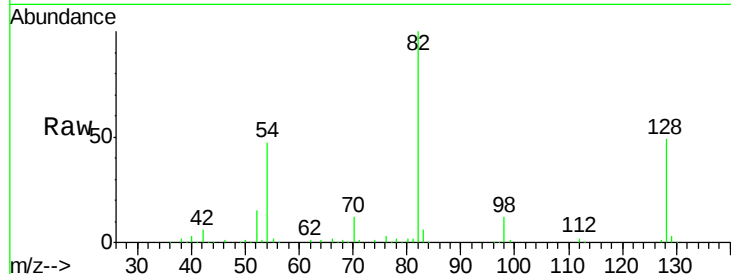
Tot Ion: 82 Resp: 218444

Ion Ratio Lower Upper

82 100

128 49.4 30.0 45.0#

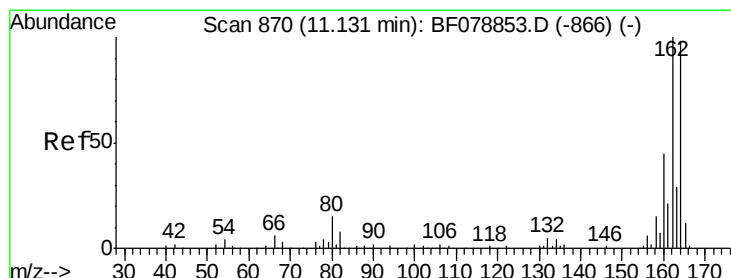
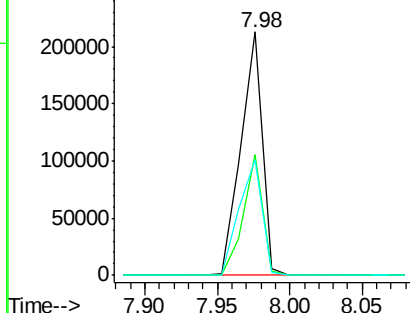
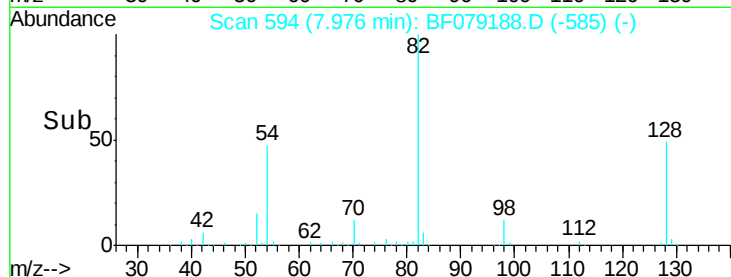
54 47.3 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BF078853.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-599) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF079188.D

Acq: 13 May 2015 7:43

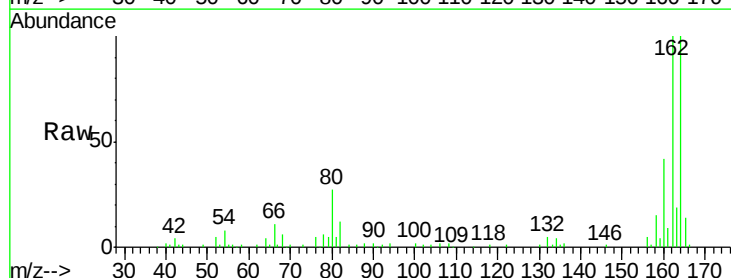
Tgt Ion: 164 Resp: 105138

Ion Ratio Lower Upper

164 100

162 99.6 82.7 124.1

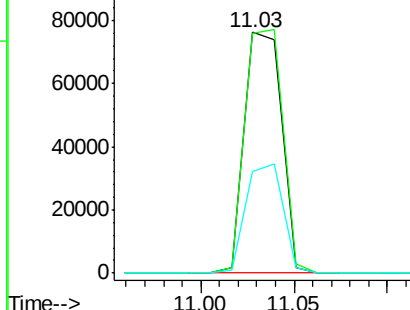
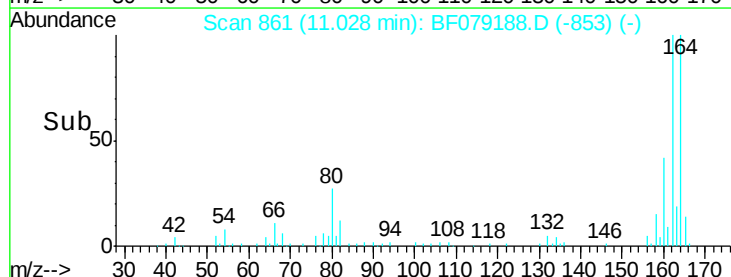
160 42.2 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): BF078853.D (-866) (-)

Ion 162.00 (161.70 to 162.70): BF078853.D (-866) (-)

Ion 160.00 (159.70 to 160.70): BF078853.D (-866) (-)

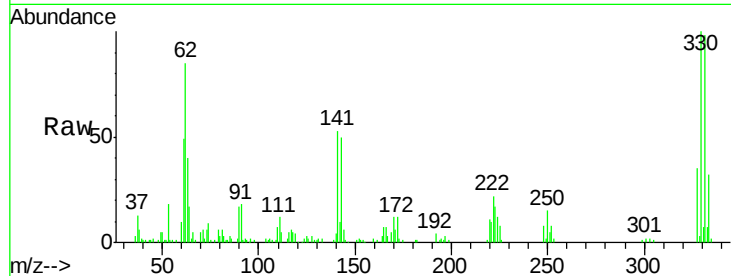




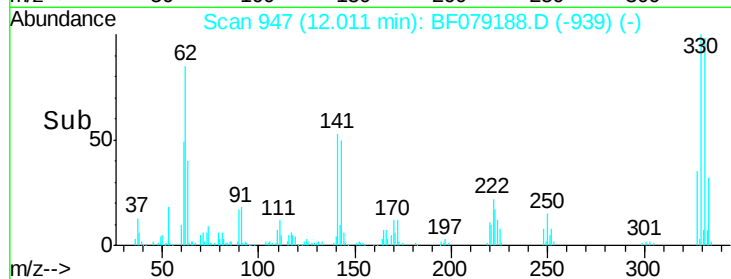
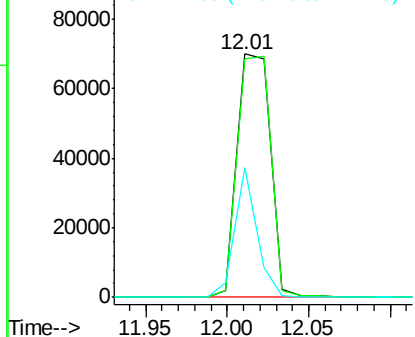
#41
 2,4,6-Tribromophenol
 Concen: 86.65 ng
 RT: 12.01 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF079188.D
 Acq: 13 May 2015 7:43

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-21-4.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	0.0	0.0#
141	35.2	0.0	0.0#

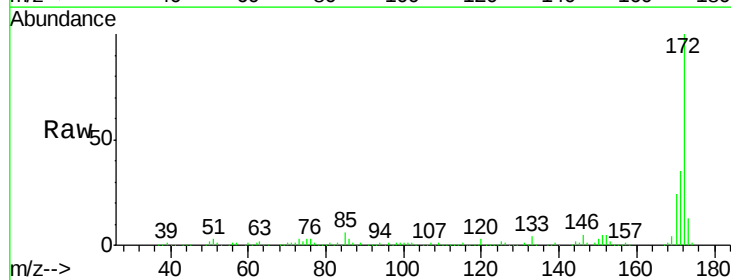


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

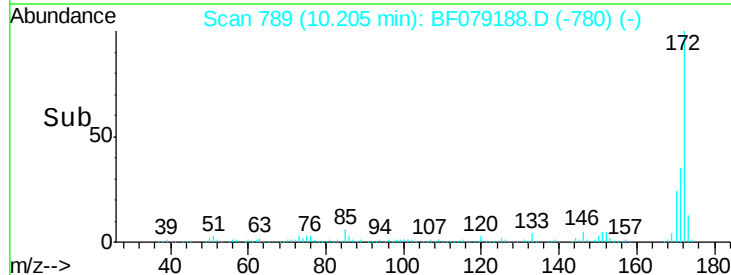
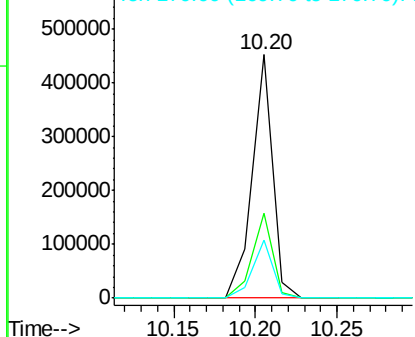


#44
 2-Fluorobiphenyl
 Concen: 52.37 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF079188.D
 Acq: 13 May 2015 7:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.7	19.4	29.0



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

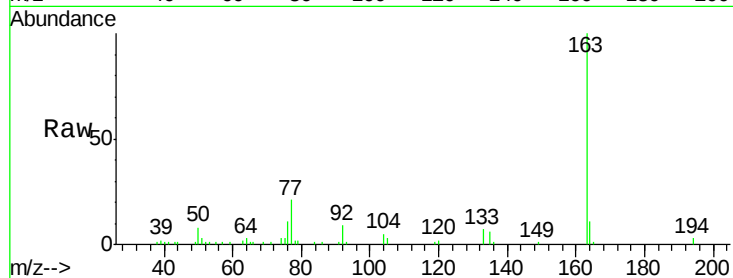




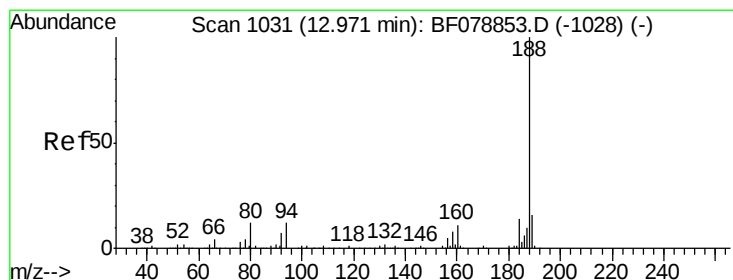
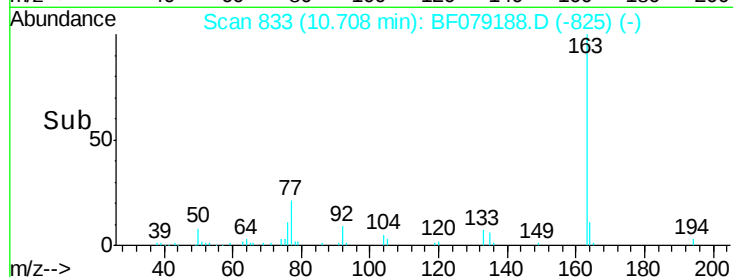
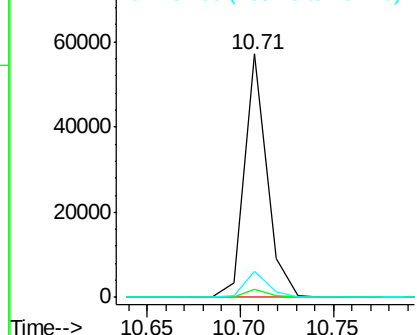
#49
Dimethylphthalate
Concen: 6.22 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079188.D
Acq: 13 May 2015 7:43

Instrument :
BNA_F
ClientSampleId :
TU012-SB-21-4.5

Tot Ion:163 Resp: 48013
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.1 12.1

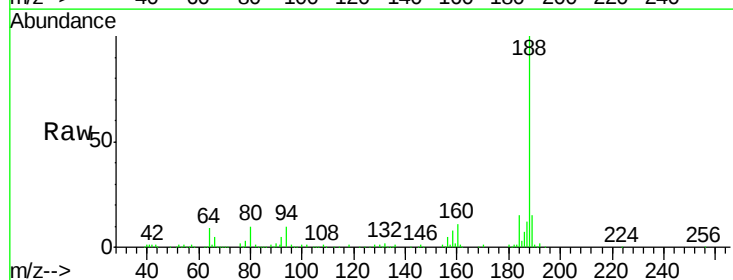


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

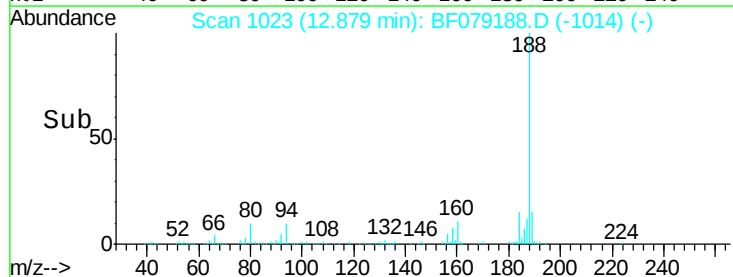
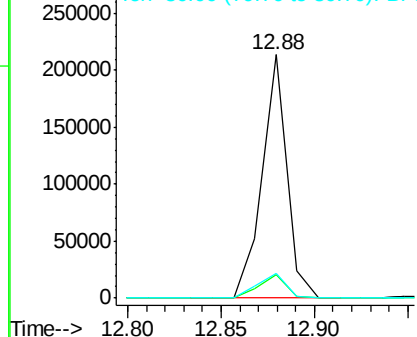


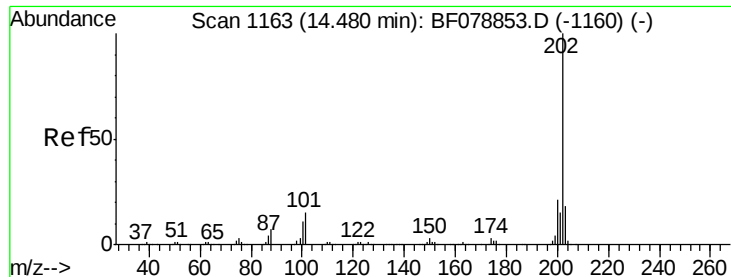
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079188.D
Acq: 13 May 2015 7:43

Tgt Ion:188 Resp: 199620
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 10.2 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





#74

Fluoranthene

Concen: 2.57 ng

RT: 14.40 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF079188.D

Acq: 13 May 2015 7:43

Instrument :

BNA_F

ClientSampleId :

TU012-SB-21-4.5

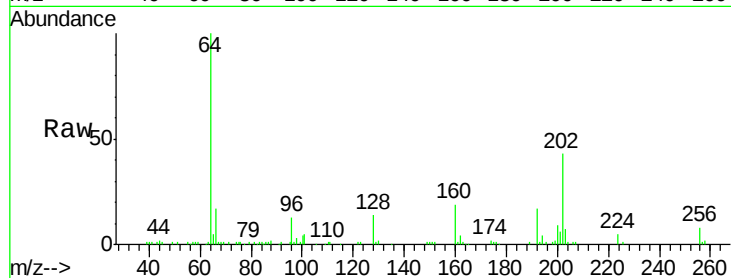
Tot Ion:202 Resp: 29887

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.6

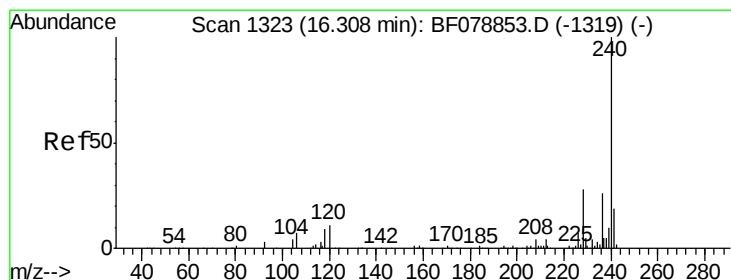
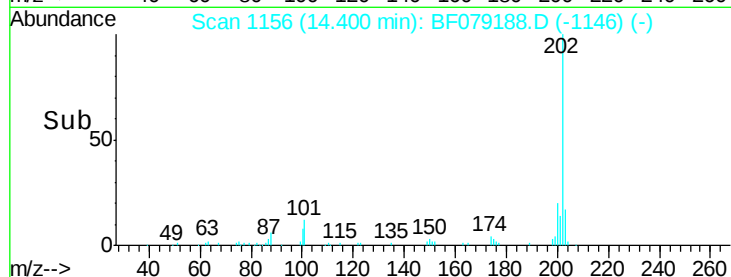
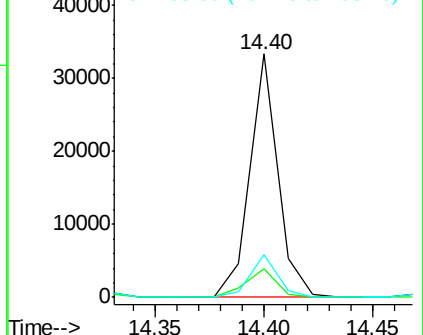
203 17.3 0.0 38.4



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: 16.17 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF079188.D

Acq: 13 May 2015 7:43

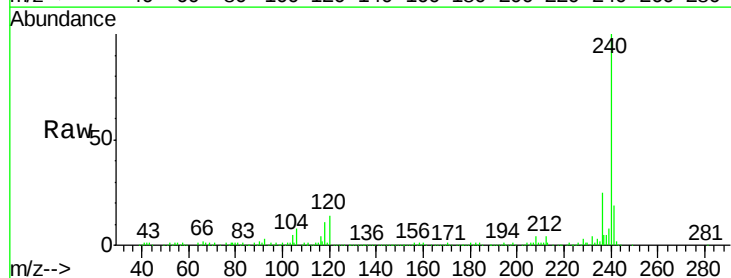
Tgt Ion:240 Resp: 216854

Ion Ratio Lower Upper

240 100

120 13.6 9.7 14.5

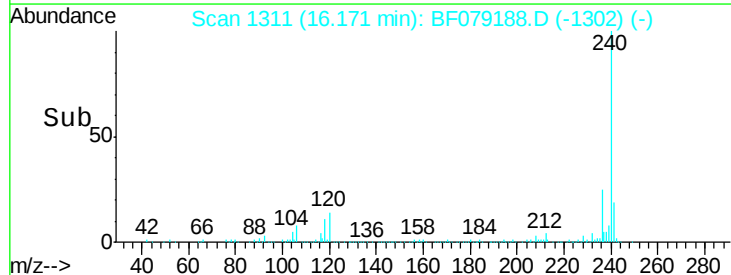
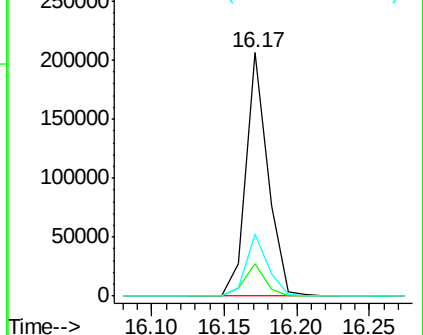
236 25.3 20.2 30.4

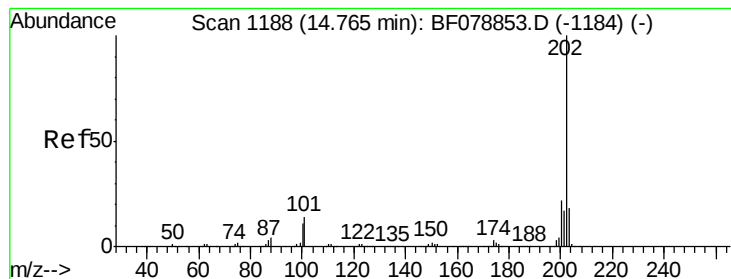


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.36 ng

RT: 14.66 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF079188.D

Acq: 13 May 2015 7:43

Instrument :

BNA_F

ClientSampleId :

TU012-SB-21-4.5

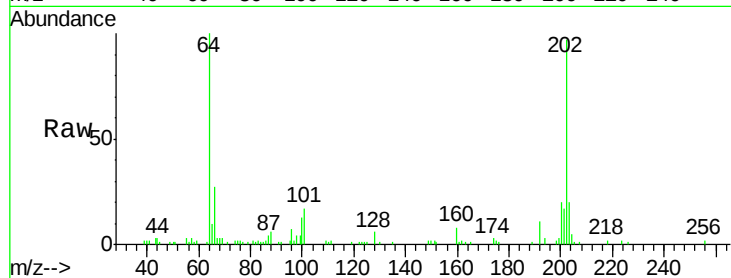
Tot Ion:202 Resp: 41972

Ion Ratio Lower Upper

202 100

200 20.8 17.5 26.3

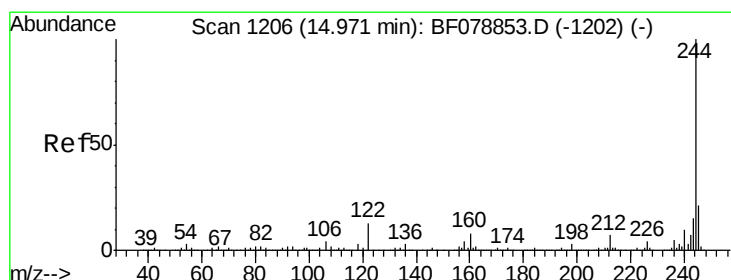
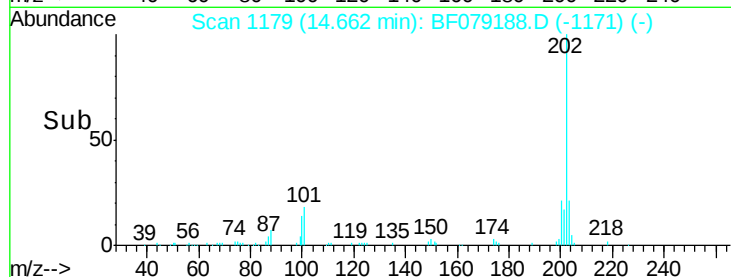
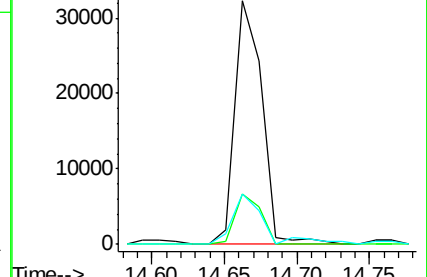
203 20.7 13.9 20.9



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: 47.99 ng

RT: 14.87 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF079188.D

Acq: 13 May 2015 7:43

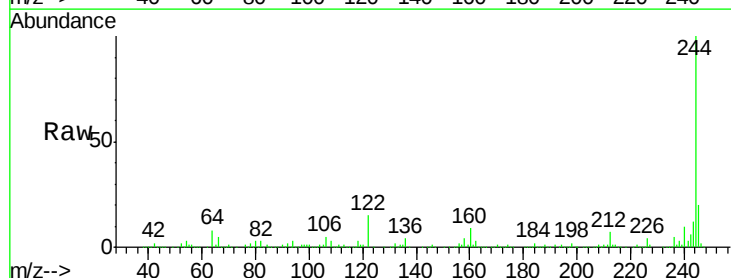
Tgt Ion:244 Resp: 434707

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

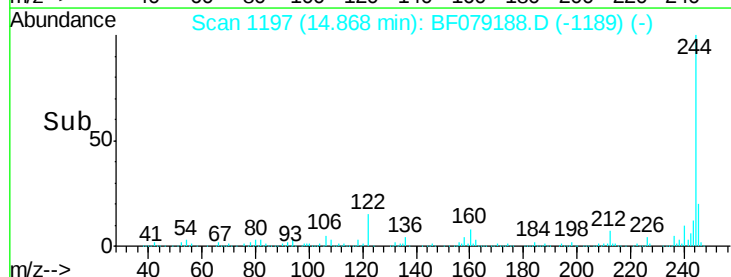
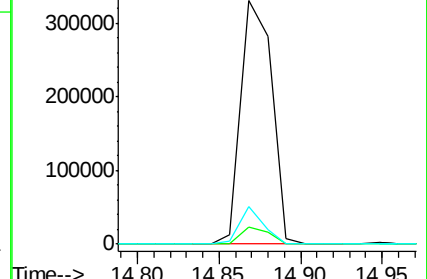
122 15.3 10.3 15.5

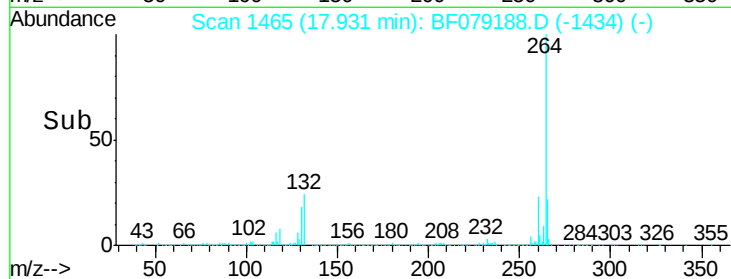
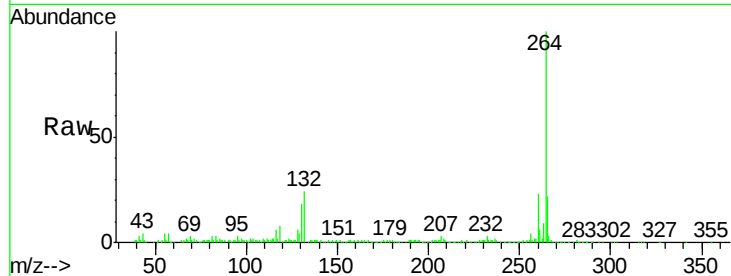
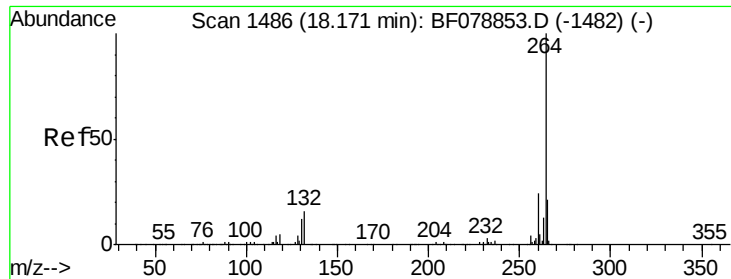


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.06 min
 Lab File: BF079188.D
 Acq: 13 May 2015 7:43

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-21-4.5

Tot Ion:	264	Resp:	222796
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	22.2	18.3	27.5

