

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
 Data File : BF079918.D
 Acq On : 12 Jun 2015 3:53
 Operator : TP/IZ
 Sample : G2573-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1

Quant Time: Jun 12 05:53:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 00:59:58 2015
 Response via : Initial Calibration

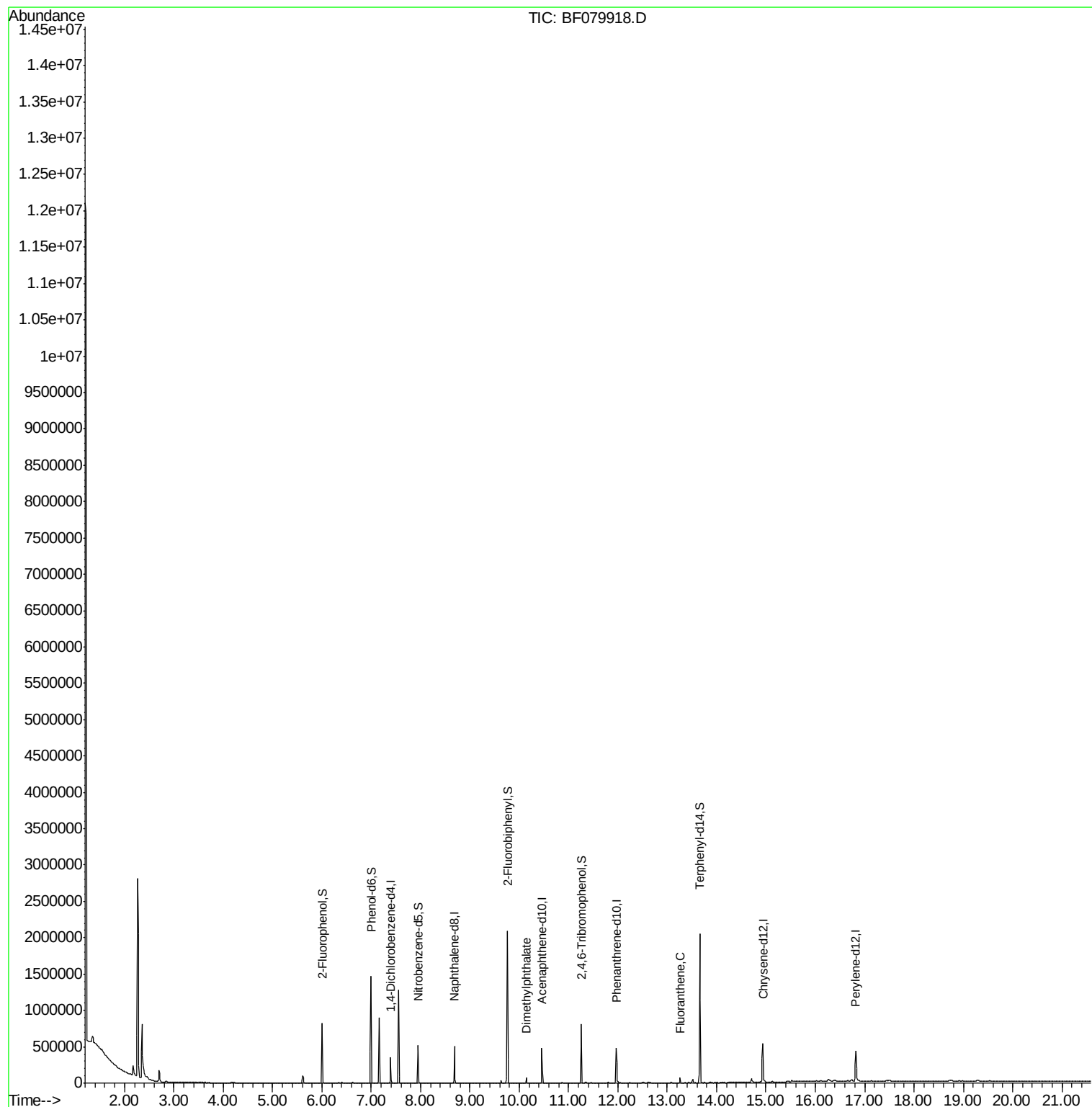
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	48829	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	200034	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	98879	20.00	ng	0.00
63) Phenanthrene-d10	11.97	188	218847	20.00	ng	-0.01
75) Chrysene-d12	14.94	240	249586	20.00	ng	-0.06
86) Perylene-d12	16.82	264	241727	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	334562	114.80	ng	0.01
7) Phenol-d6	6.99	99	489351	128.36	ng	0.00
23) Nitrobenzene-d5	7.95	82	224935	66.89	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	116275	131.76	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	590024	84.10	ng	0.00
78) Terphenyl-d14	13.66	244	821799	74.82	ng	-0.03
Target Compounds						
49) Dimethylphthalate	10.15	163	29537	3.79	ng	97
74) Fluoranthene	13.26	202	28835	2.08	ng	98

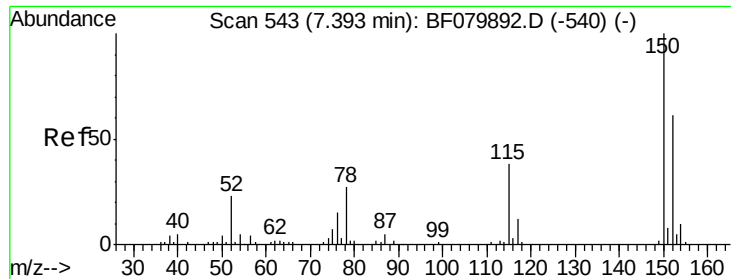
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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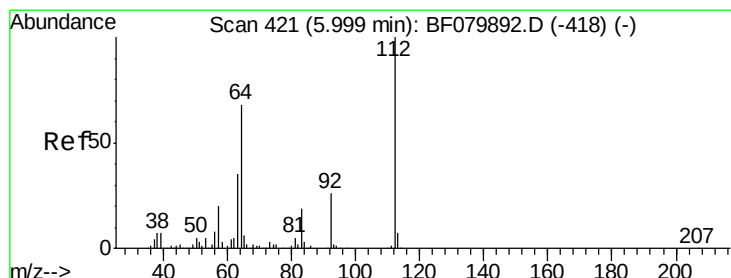
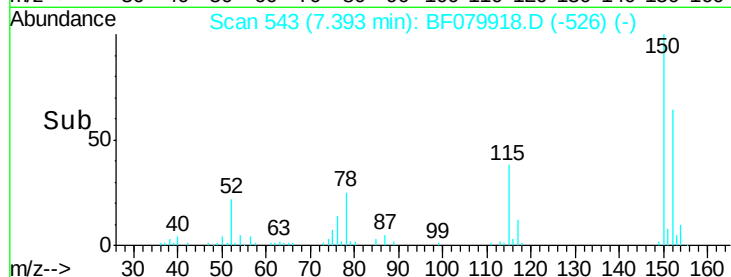
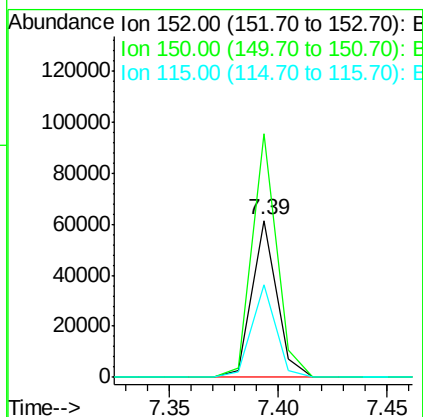
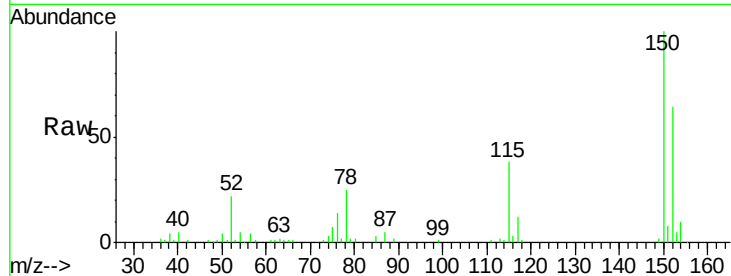




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.39 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF079918.D
 Acq: 12 Jun 2015 3:53

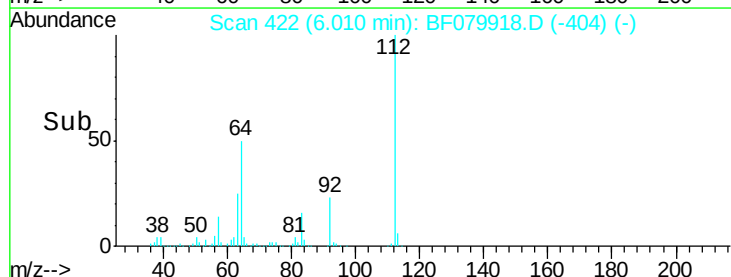
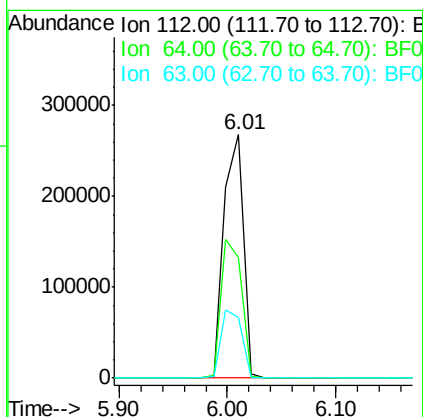
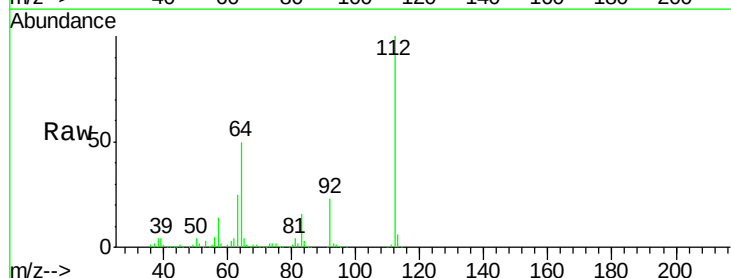
Instrument :
 BNA_F
 ClientSampleId :
 S1

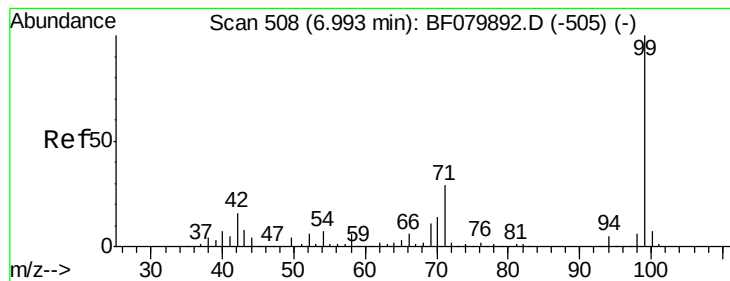
Tgt Ion:152 Resp: 48829
 Ion Ratio Lower Upper
 152 100
 150 155.3 131.0 196.4
 115 58.7 49.8 74.6



#5
 2-Fluorophenol
 Concen: 114.80 ng
 RT: 6.01 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: BF079918.D
 Acq: 12 Jun 2015 3:53

Tgt Ion:112 Resp: 334562
 Ion Ratio Lower Upper
 112 100
 64 49.5 54.5 81.7#
 63 24.9 27.9 41.9#





#7

Phenol-d6

Concen: 128.36 ng

RT: 6.99 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF079918.D

Acq: 12 Jun 2015 3:53

Instrument :

BNA_F

ClientSampleId :

S1

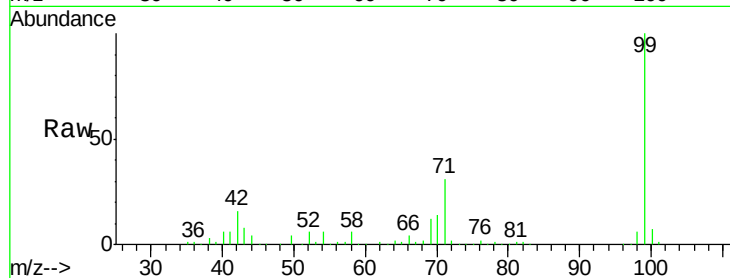
Tgt Ion: 99 Resp: 489351

Ion Ratio Lower Upper

99 100

42 16.3 12.9 19.3

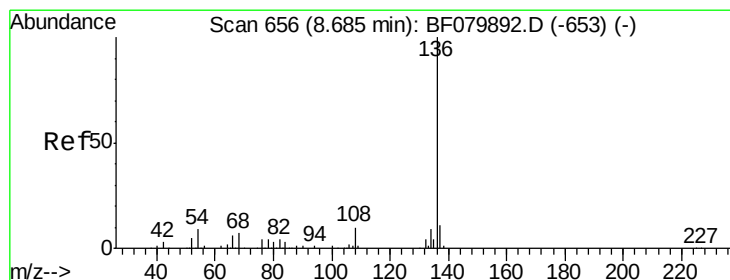
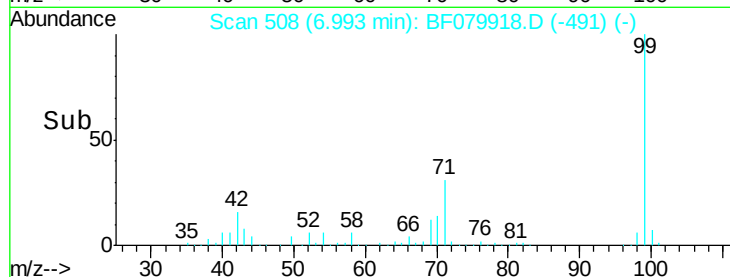
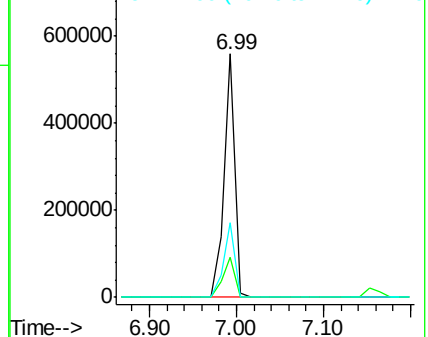
71 30.6 23.4 35.2



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: 8.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF079918.D

Acq: 12 Jun 2015 3:53

Tgt Ion: 136 Resp: 200034

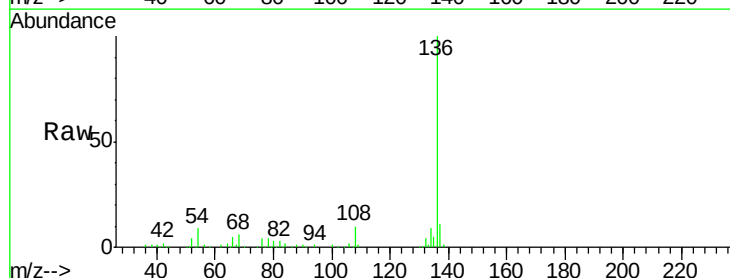
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.5 7.3 10.9

68 6.5 5.9 8.9

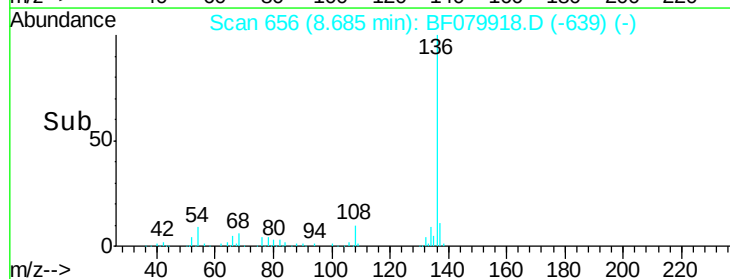
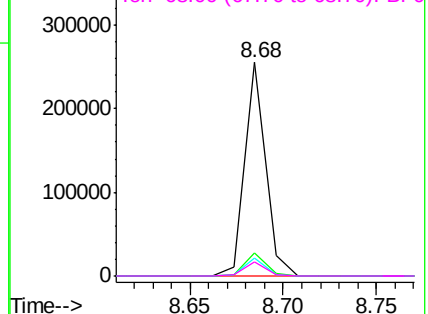


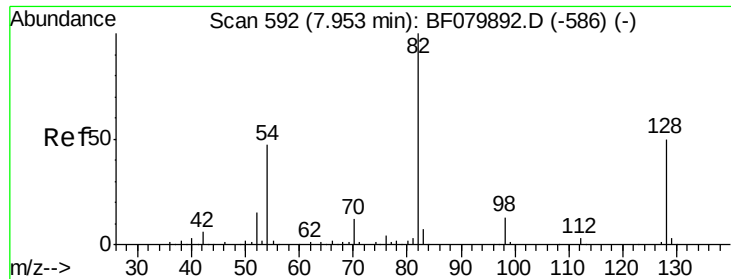
Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.89 ng

RT: 7.95 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF079918.D

Acq: 12 Jun 2015 3:53

Instrument :

BNA_F

ClientSampled :

S1

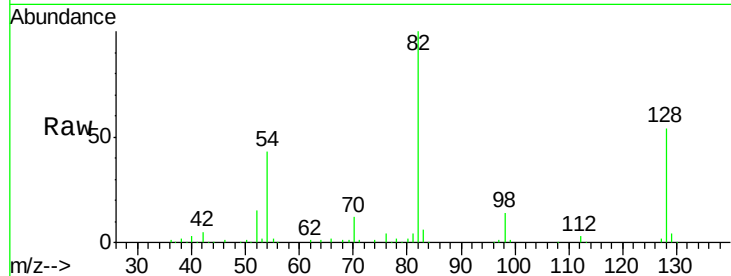
Tgt Ion: 82 Resp: 224935

Ion Ratio Lower Upper

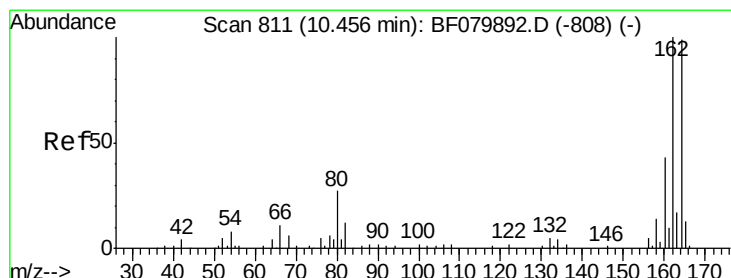
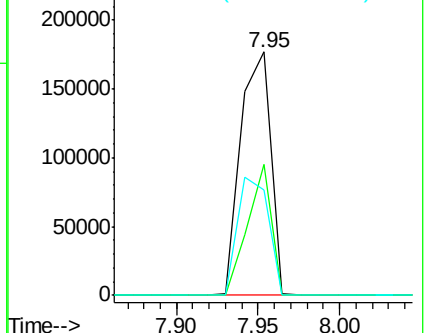
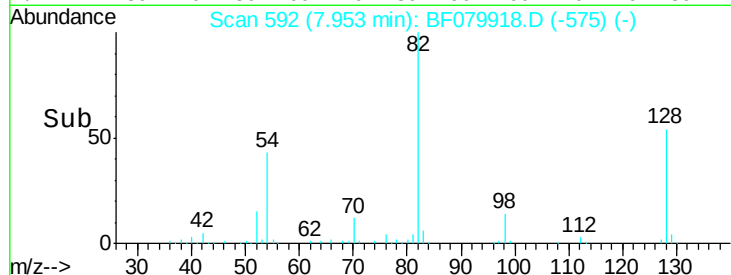
82 100

128 53.7 40.3 60.5

54 43.1 38.0 57.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.46 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF079918.D

Acq: 12 Jun 2015 3:53

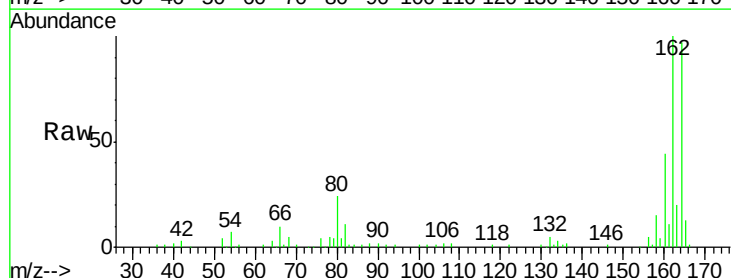
Tgt Ion: 164 Resp: 98879

Ion Ratio Lower Upper

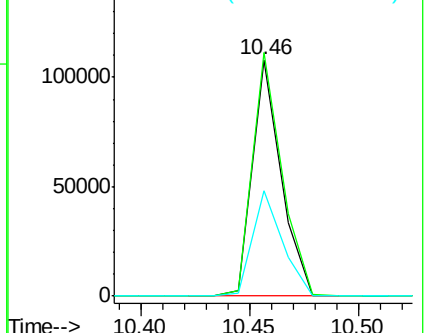
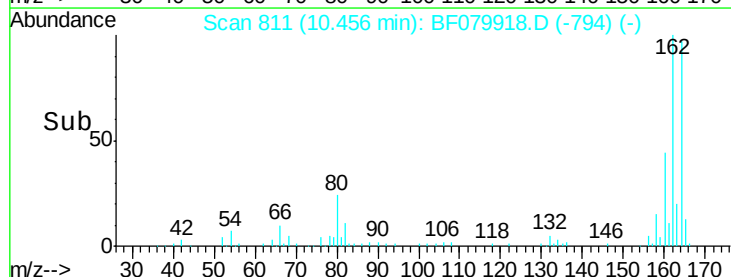
164 100

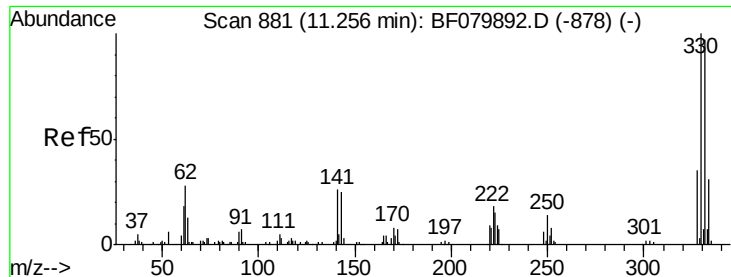
162 103.1 80.7 121.1

160 44.9 34.6 51.8



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

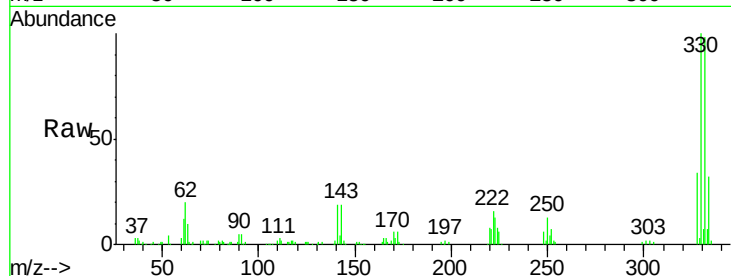




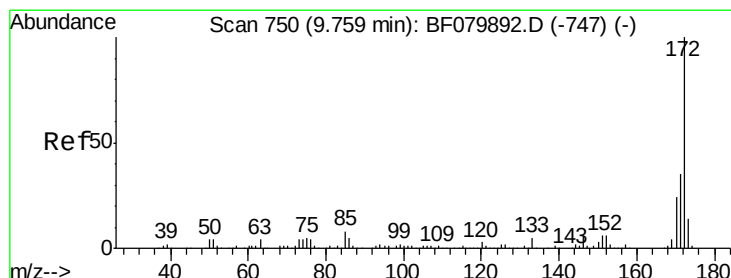
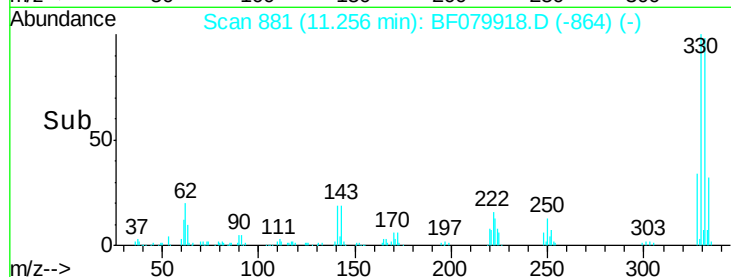
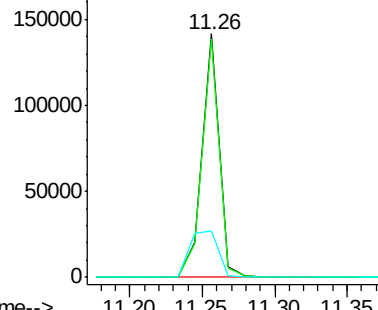
#41
 2,4,6-Tribromophenol
 Concen: 131.76 ng
 RT: 11.26 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF079918.D
 Acq: 12 Jun 2015 3:53

Instrument :
 BNA_F
 ClientSampleId :
 S1

Tgt Ion:330 Resp: 116275
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.3 115.9
 141 32.2 26.8 40.2

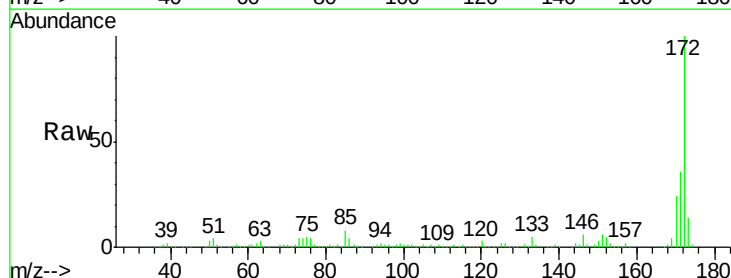


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

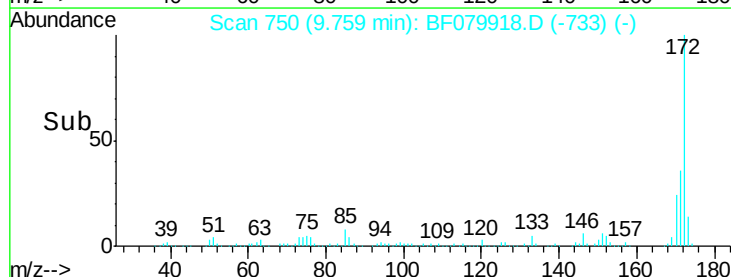
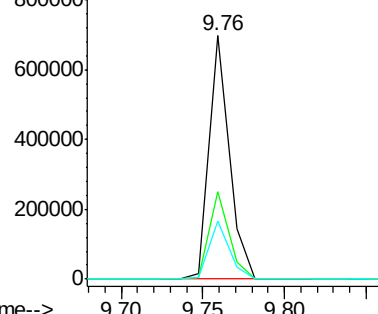


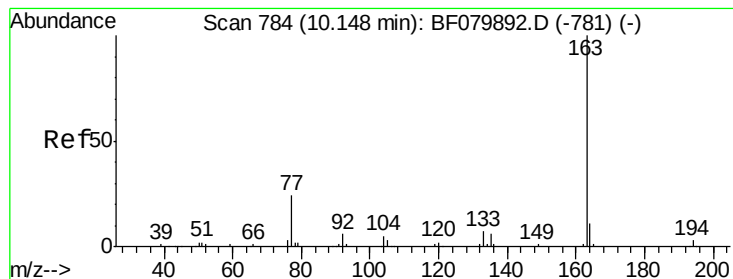
#44
 2-Fluorobiphenyl
 Concen: 84.10 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079918.D
 Acq: 12 Jun 2015 3:53

Tgt Ion:172 Resp: 590024
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.3 42.5
 170 24.0 19.0 28.4



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: 3.79 ng

RT: 10.15 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF079918.D

Acq: 12 Jun 2015 3:53

Instrument :

BNA_F

ClientSampled :

S1

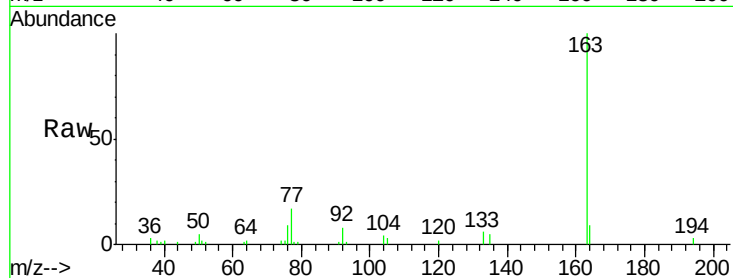
Tgt Ion:163 Resp: 29537

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

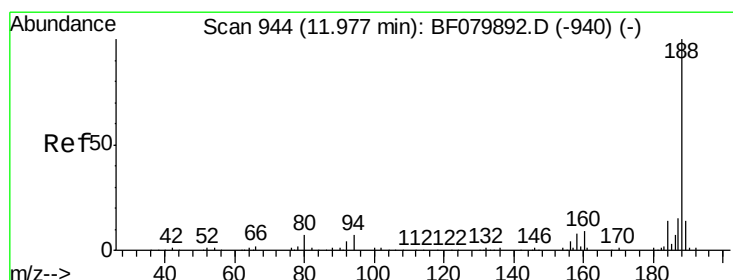
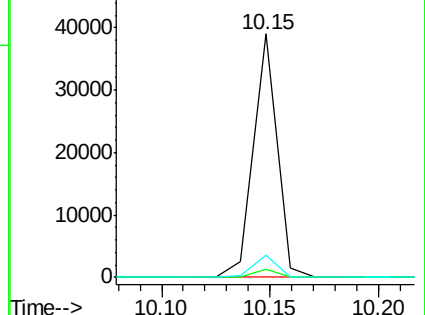
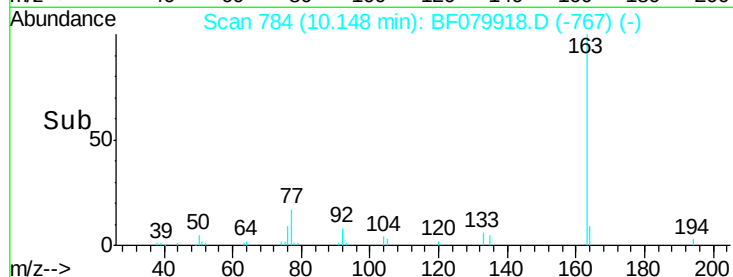
164 9.3 8.6 12.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.97 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF079918.D

Acq: 12 Jun 2015 3:53

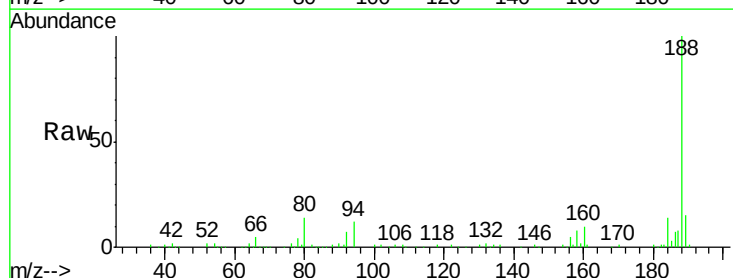
Tgt Ion:188 Resp: 218847

Ion Ratio Lower Upper

188 100

94 11.8 5.8 8.8#

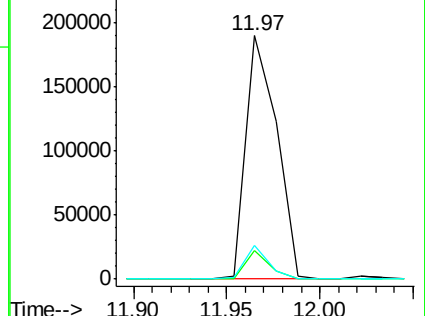
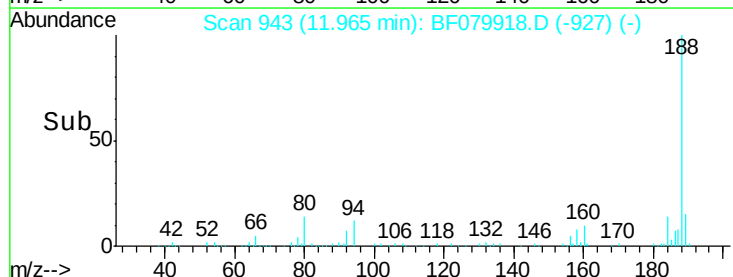
80 14.0 5.9 8.9#

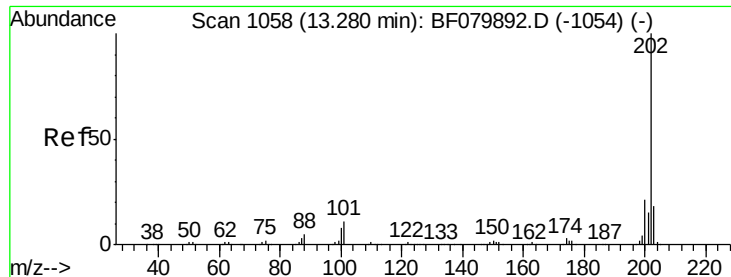


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

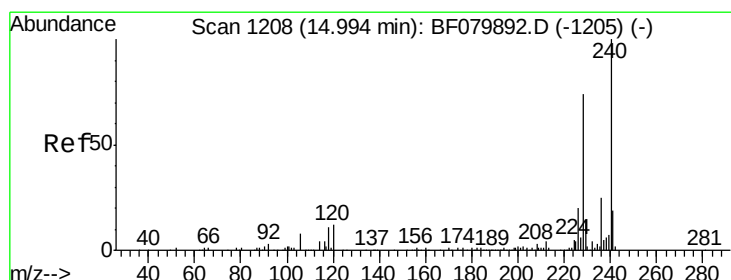
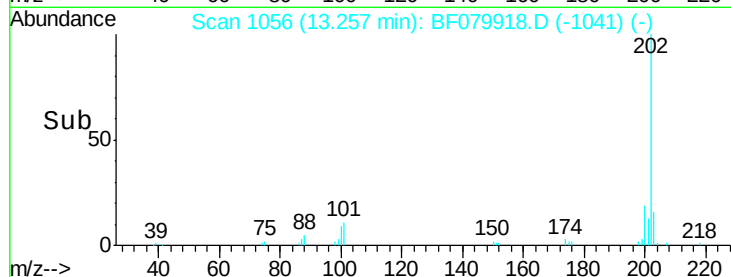
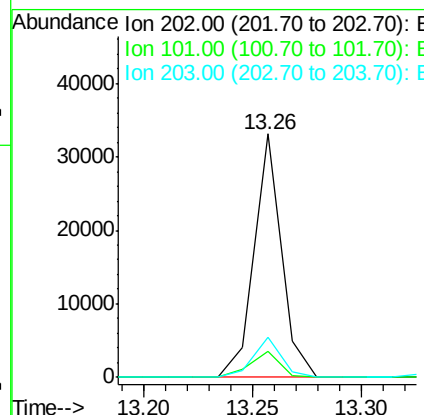
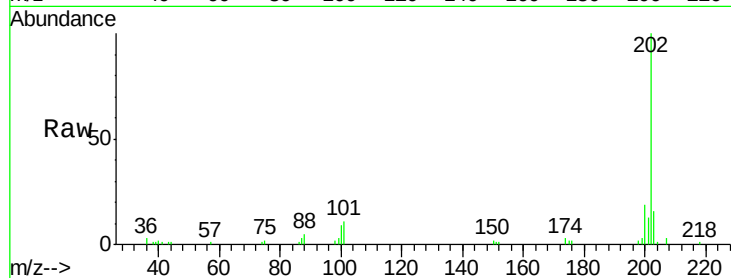




#74
Fluoranthene
Concen: 2.08 ng
RT: 13.26 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF079918.D
Acq: 12 Jun 2015 3:53

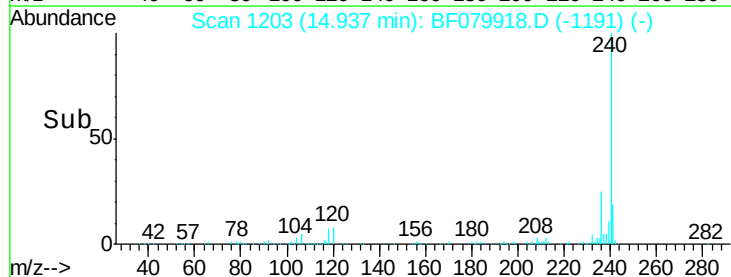
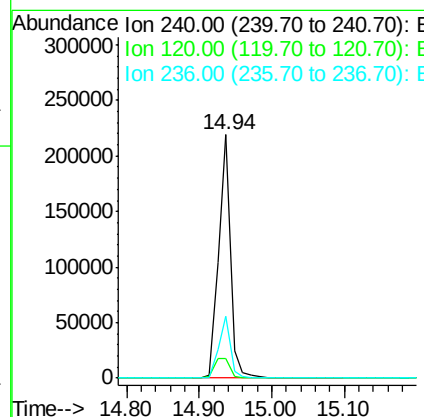
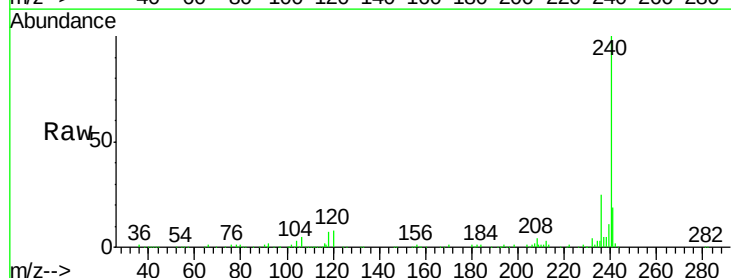
Instrument :
BNA_F
ClientSampleId :
S1

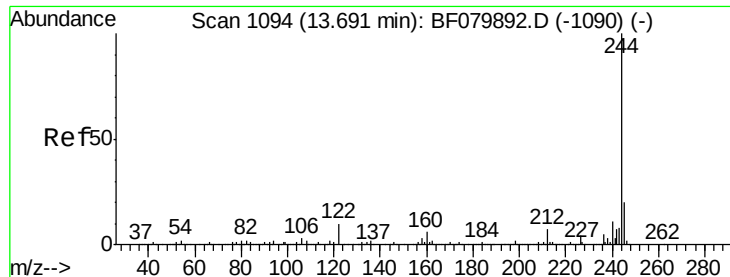
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	28835		
101	10.8		0.0	30.7
203	16.4		0.0	38.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1203
Delta R.T. -0.06 min
Lab File: BF079918.D
Acq: 12 Jun 2015 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	249586		
120	8.2		9.4	14.2#
236	25.4		19.6	29.4





#78

Terphenyl-d14

Concen: 74.82 ng

RT: 13.66 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BF079918.D

Acq: 12 Jun 2015 3:53

Instrument :

BNA_F

ClientSampleId :

S1

Tgt Ion:244 Resp: 821799

Ion Ratio Lower Upper

244 100

212 7.2

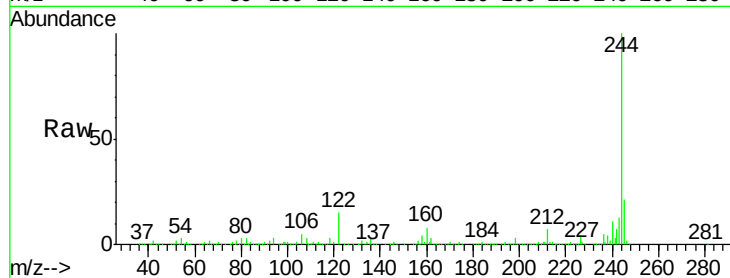
5.4

8.2

122 14.5

7.8

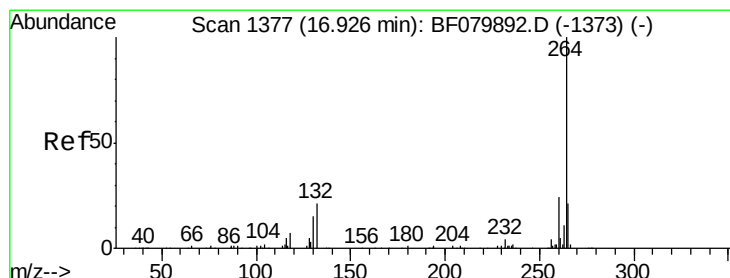
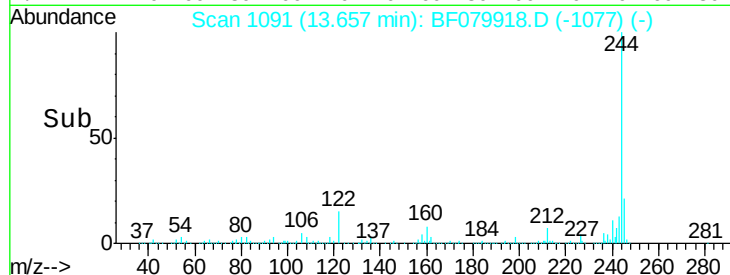
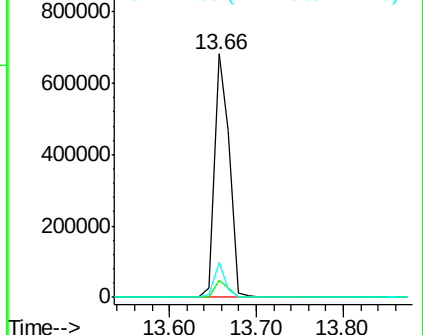
11.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 16.82 min Scan# 1368

Delta R.T. -0.10 min

Lab File: BF079918.D

Acq: 12 Jun 2015 3:53

Tgt Ion:264 Resp: 241727

Ion Ratio Lower Upper

264 100

260 23.8

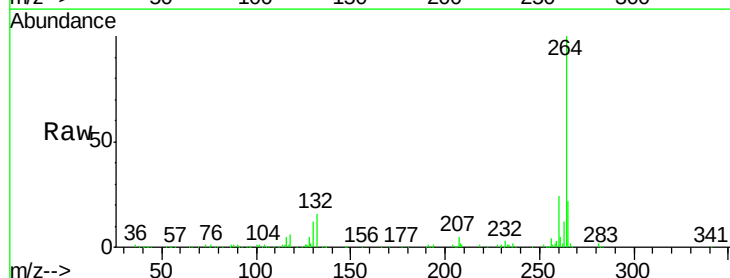
19.3

28.9

265 22.0

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

