

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079947.D
 Acq On : 12 Jun 2015 21:05
 Operator : TP/IZ
 Sample : PB83999BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83999BL

Quant Time: Jun 12 23:11:33 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 22:57:49 2015
 Response via : Initial Calibration

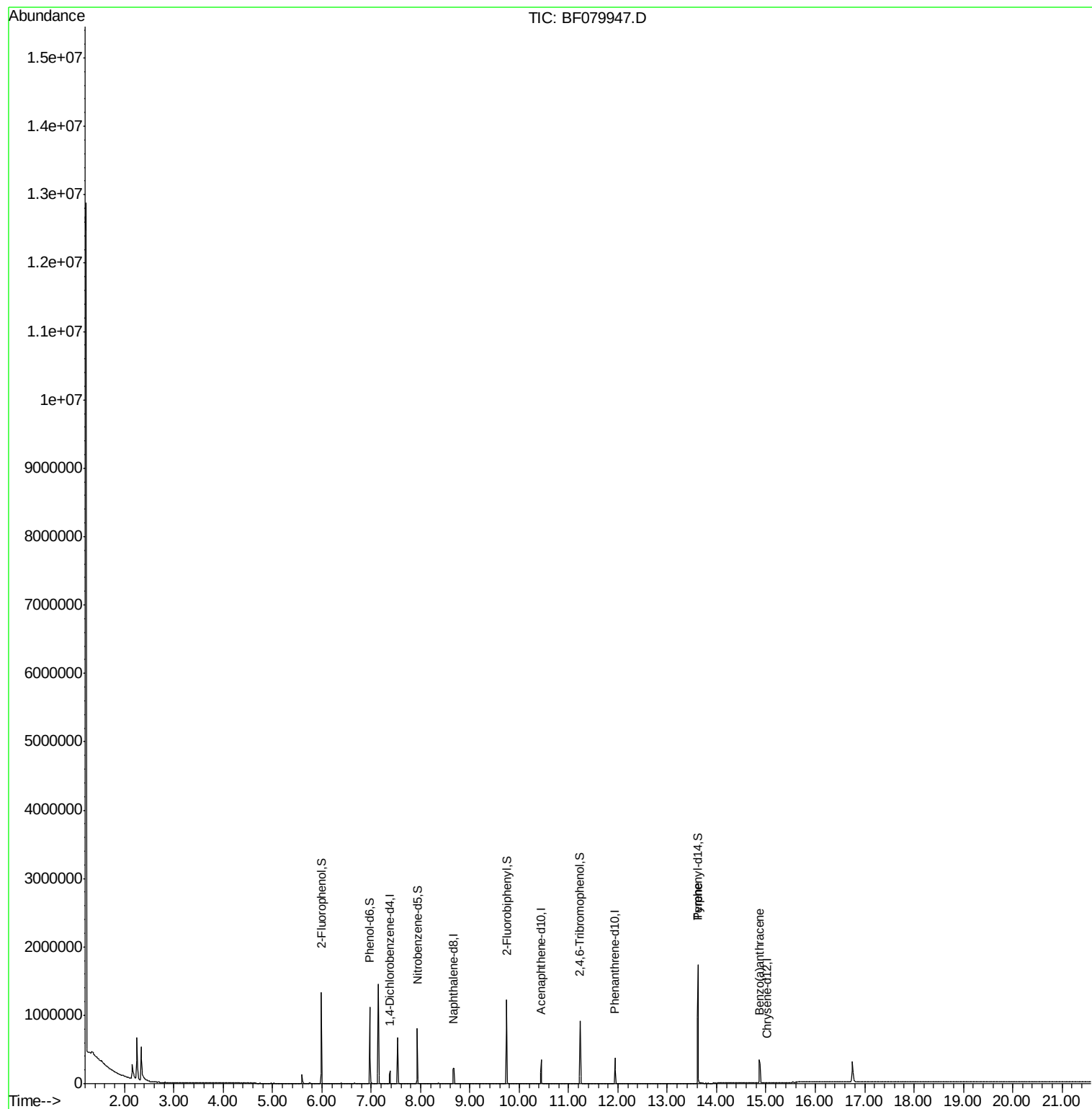
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	38027	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	151396	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	77900	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	165556	20.00	ng	-0.03
75) Chrysene-d12	15.02	240	206	20.00	ng	-0.13
86) Perylene-d12	0.00	264	0	0.00	ng	-17.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	318495	153.58	ng	0.00
7) Phenol-d6	6.97	99	384411	136.06	ng	0.00
23) Nitrobenzene-d5	7.93	82	214309	93.40	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	92556	118.24	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	505395	90.85	ng	0.00
78) Terphenyl-d14	13.62	244	697512	78064.41	ng	-0.15
Target Compounds						
77) Pyrene	13.62	202	1819	140.59	ng	# 48
80) Benzo(a)anthracene	14.87	228	243	18.58	ng	# 51

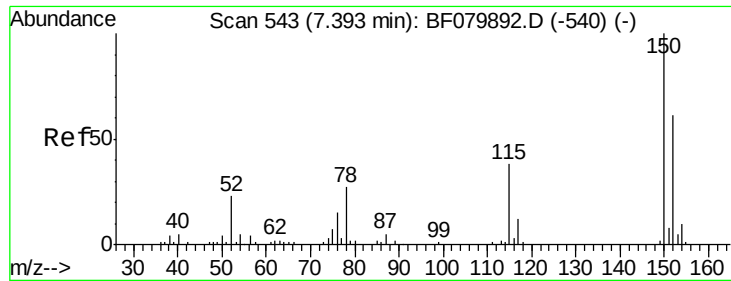
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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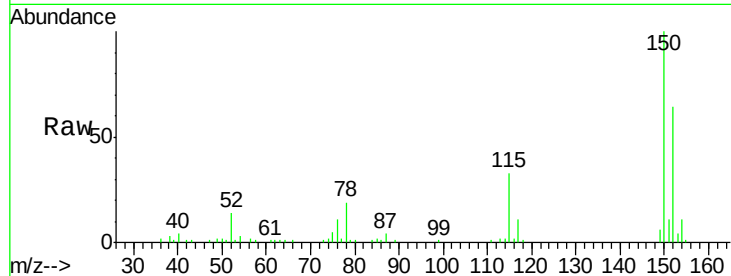


#1

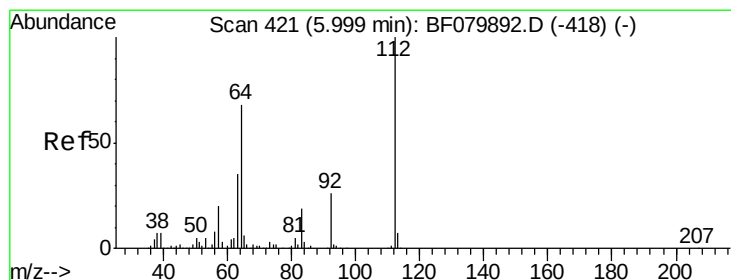
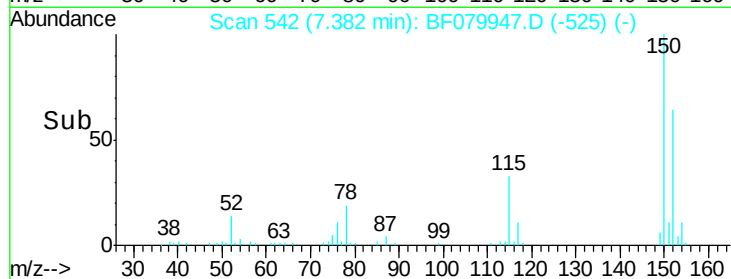
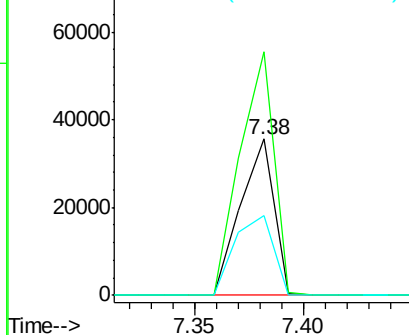
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF079947.D
Acq: 12 Jun 2015 21:05

Instrument :
BNA_F
ClientSampleId :
PB83999BL

Tgt Ion:152 Resp: 38027
Ion Ratio Lower Upper
152 100
150 155.8 131.0 196.4
115 51.2 49.8 74.6



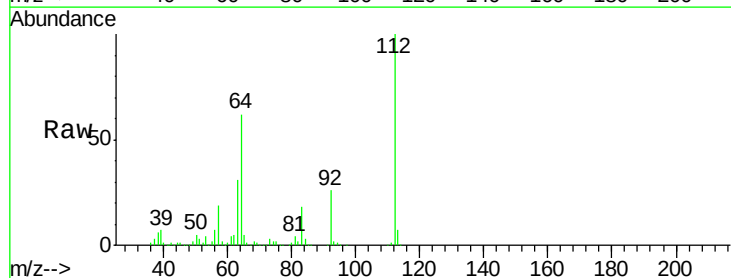
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



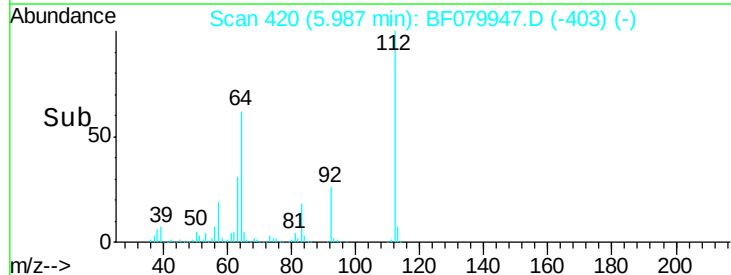
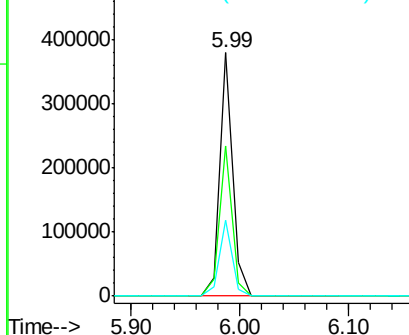
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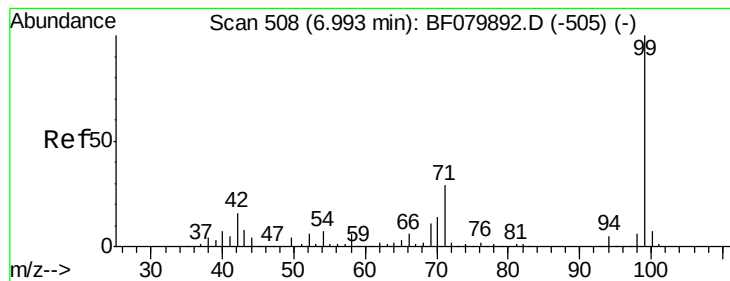
2-Fluorophenol
Concen: 153.58 ng
RT: 5.99 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF079947.D
Acq: 12 Jun 2015 21:05

Tgt Ion:112 Resp: 318495
Ion Ratio Lower Upper
112 100
64 61.9 54.5 81.7
63 31.0 27.9 41.9



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: 136.06 ng

RT: 6.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF079947.D

Acq: 12 Jun 2015 21:05

Instrument :

BNA_F

ClientSampled :

PB83999BL

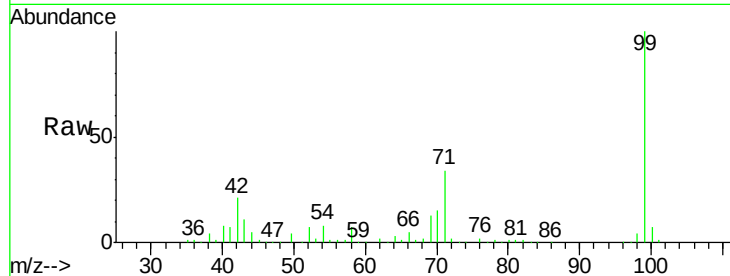
Tgt Ion: 99 Resp: 384411

Ion Ratio Lower Upper

99 100

42 20.8 12.9 19.3#

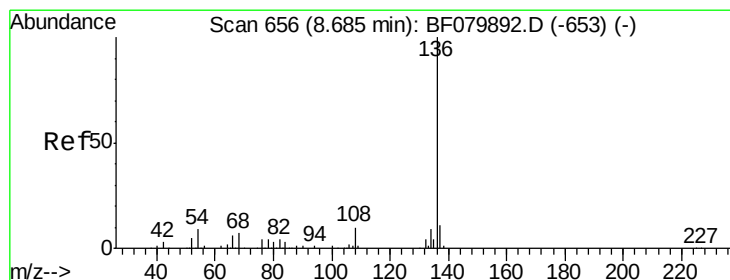
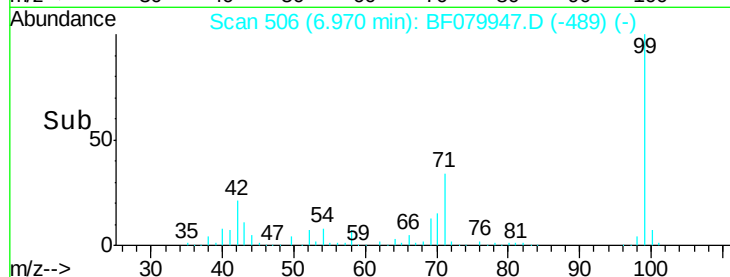
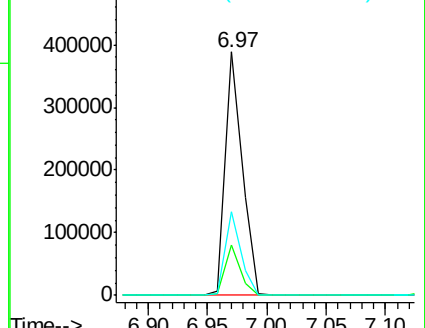
71 34.5 23.4 35.2



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: 8.67 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF079947.D

Acq: 12 Jun 2015 21:05

Tgt Ion: 136 Resp: 151396

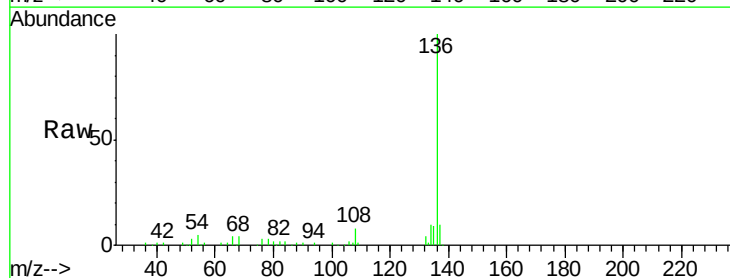
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 5.5 7.3 10.9#

68 4.3 5.9 8.9#

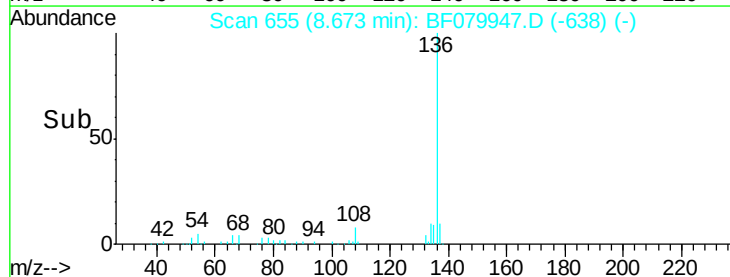
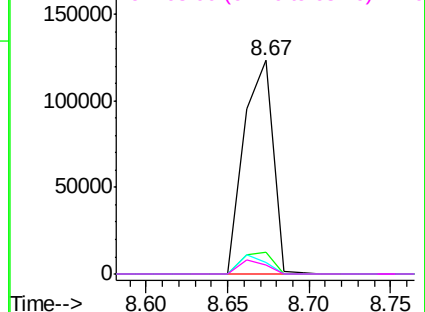


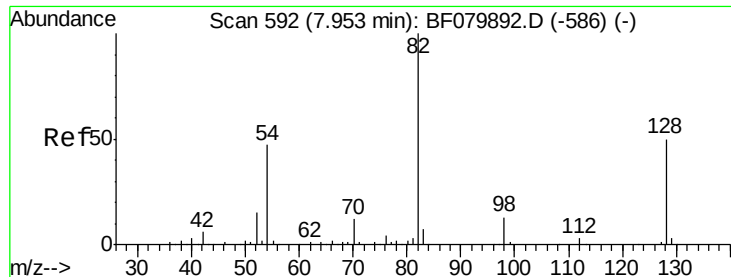
Abundance Ion 136.00 (135.70 to 136.70): E

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

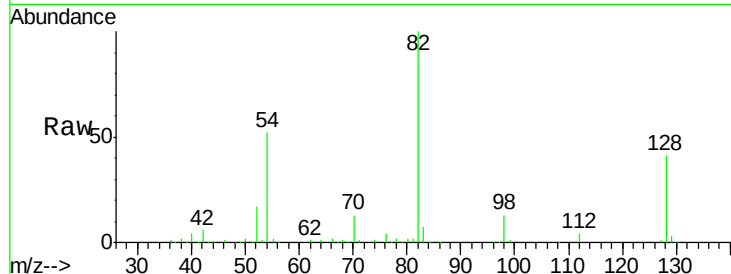




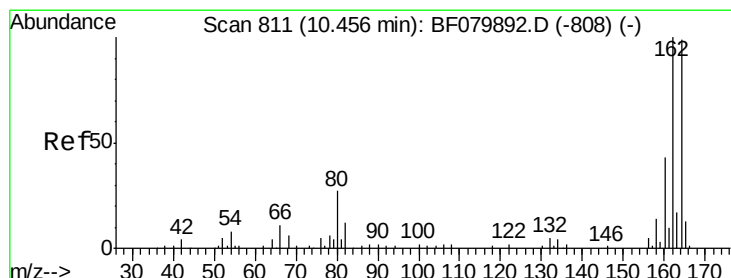
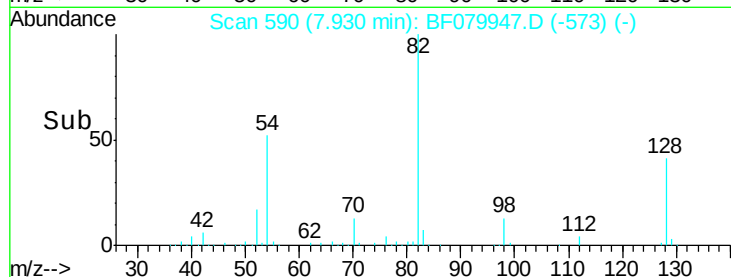
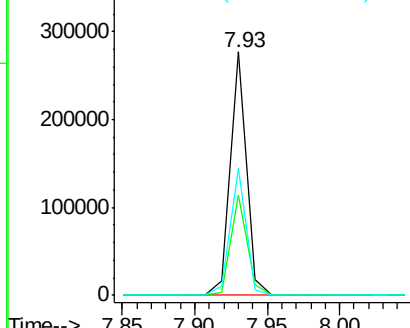
#23
 Nitrobenzene-d5
 Concen: 93.40 ng
 RT: 7.93 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF079947.D
 Acq: 12 Jun 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83999BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	40.3	60.5
54	52.2	38.0	57.0

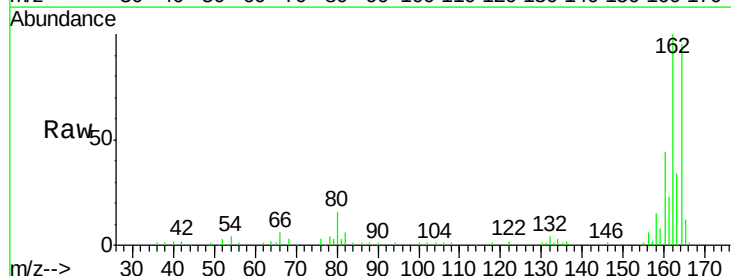


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

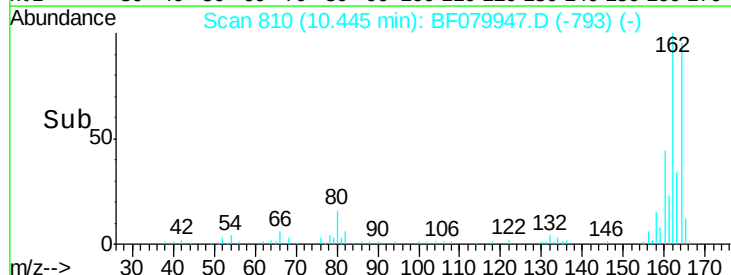
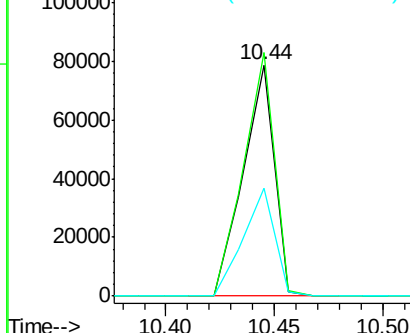


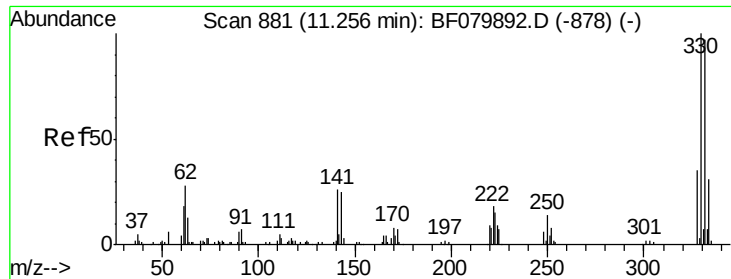
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF079947.D
 Acq: 12 Jun 2015 21:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	80.7	121.1
160	46.8	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

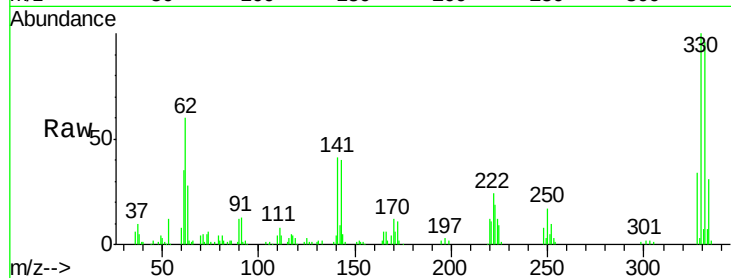




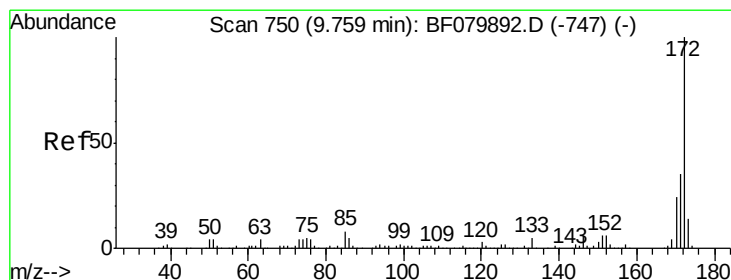
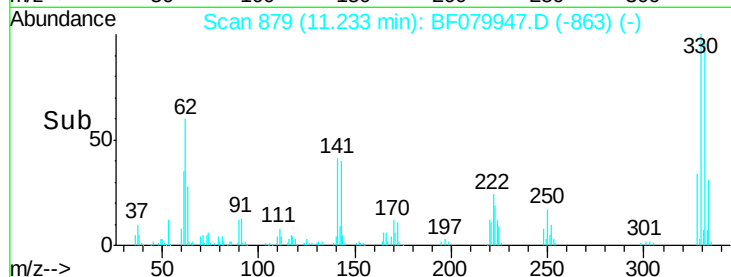
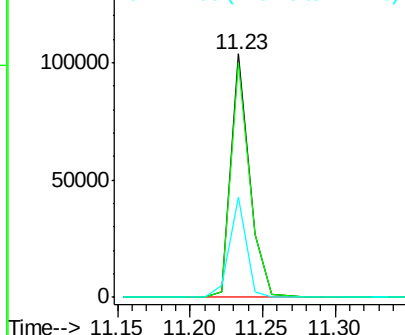
#41
 2,4,6-Tribromophenol
 Concen: 118.24 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079947.D
 Acq: 12 Jun 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83999BL

Tgt Ion:330 Resp: 92556
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 37.3 26.8 40.2

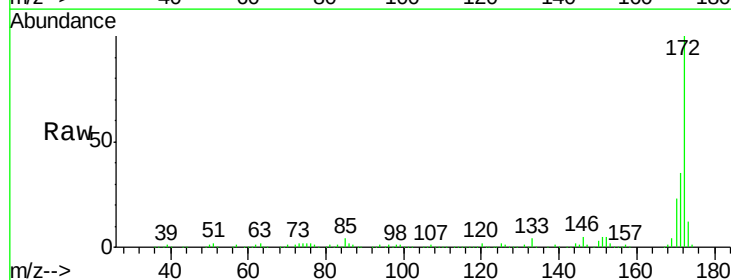


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

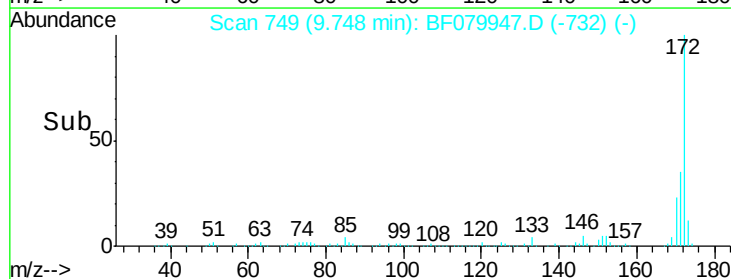
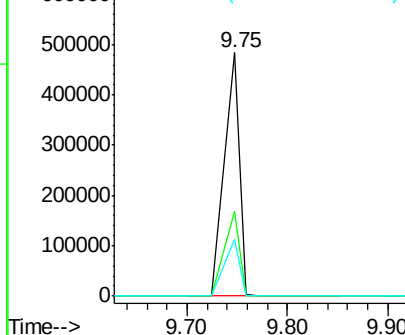


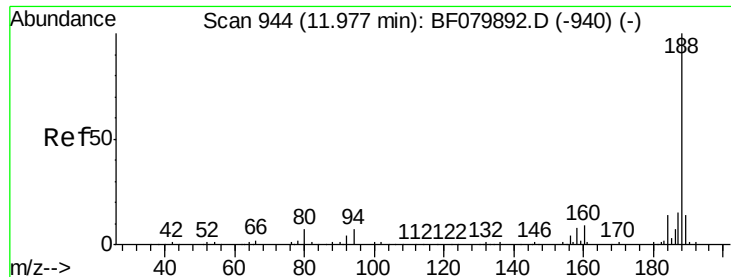
#44
 2-Fluorobiphenyl
 Concen: 90.85 ng
 RT: 9.75 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF079947.D
 Acq: 12 Jun 2015 21:05

Tgt Ion:172 Resp: 505395
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.3 42.5
 170 23.2 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

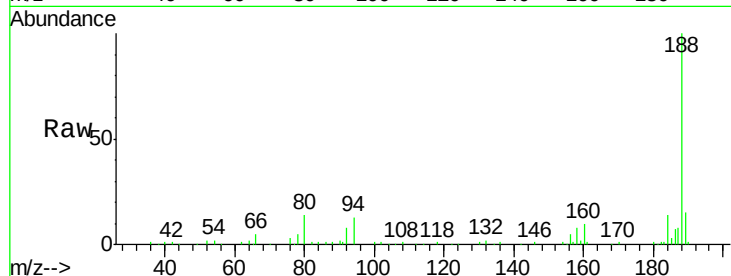




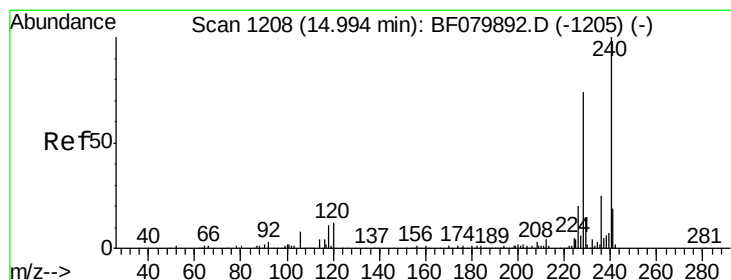
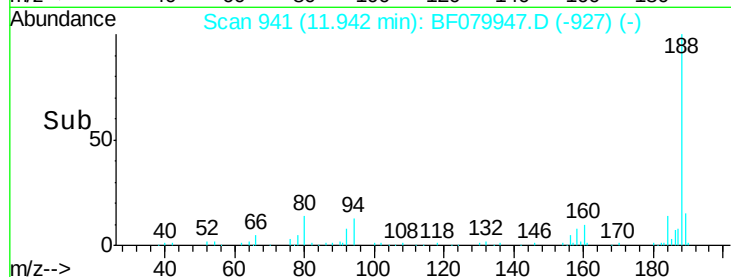
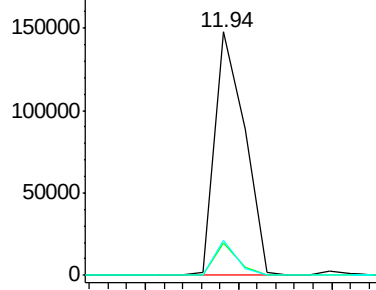
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF079947.D
 Acq: 12 Jun 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83999BL

Tgt Ion:188 Resp: 165556
 Ion Ratio Lower Upper
 188 100
 94 13.1 5.8 8.8#
 80 14.3 5.9 8.9#

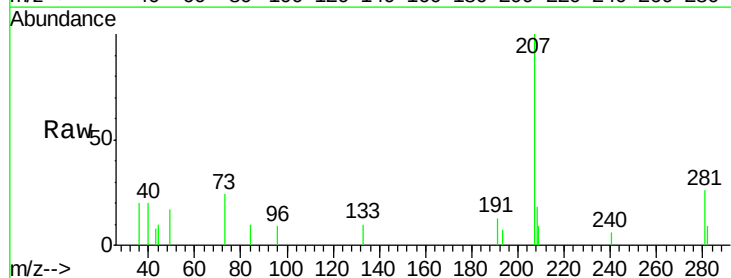


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

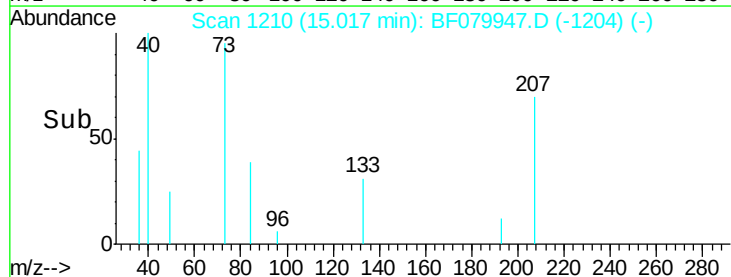
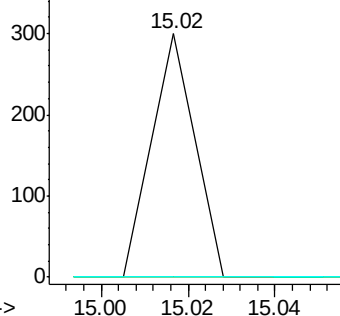


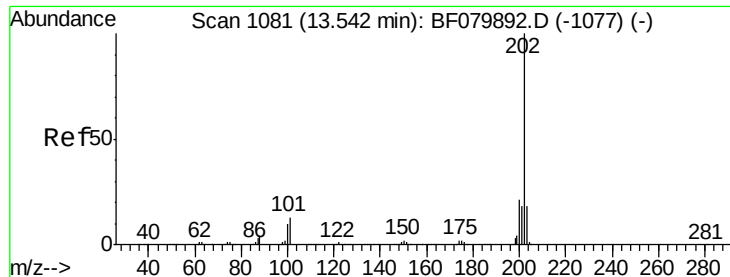
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1210
 Delta R.T. -0.13 min
 Lab File: BF079947.D
 Acq: 12 Jun 2015 21:05

Tgt Ion:240 Resp: 206
 Ion Ratio Lower Upper
 240 100
 120 0.0 9.4 14.2#
 236 0.0 19.6 29.4#



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

Pyrene

Concen: 140.59 ng

RT: 13.62 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BF079947.D

Acq: 12 Jun 2015 21:05

Instrument :

BNA_F

ClientSampleId :

PB83999BL

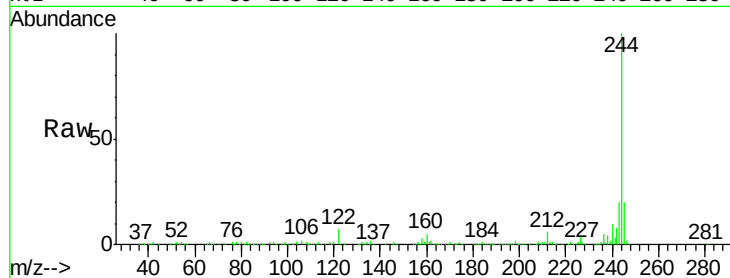
Tgt Ion: 202 Resp: 1819

Ion Ratio Lower Upper

202 100

200 49.6 16.8 25.2#

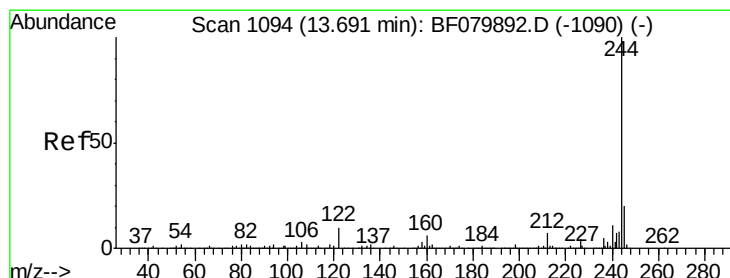
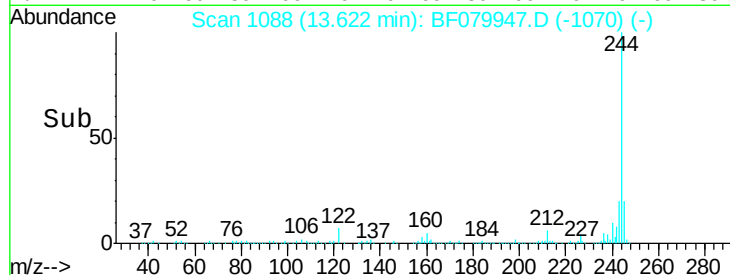
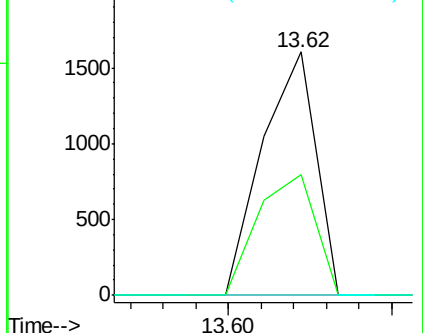
203 0.0 14.4 21.6#



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: 78064.41 ng

RT: 13.62 min Scan# 1088

Delta R.T. -0.15 min

Lab File: BF079947.D

Acq: 12 Jun 2015 21:05

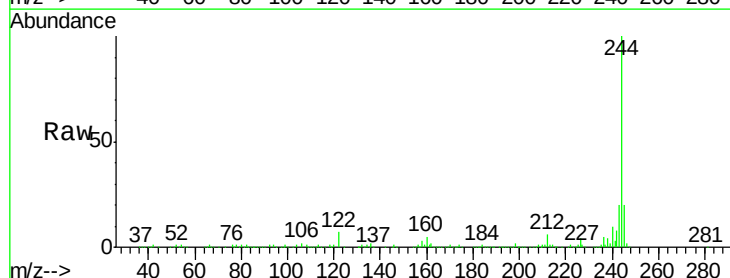
Tgt Ion: 244 Resp: 697512

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.2

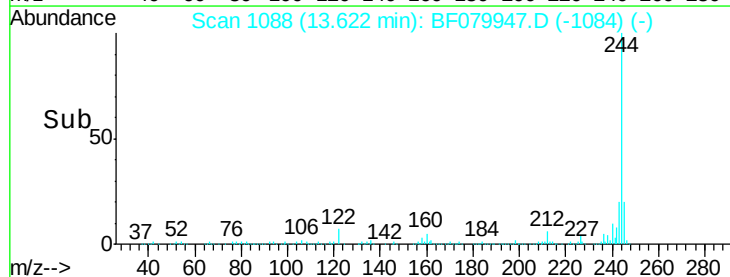
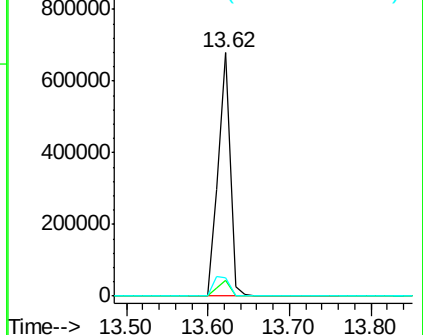
122 7.4 7.8 11.8#

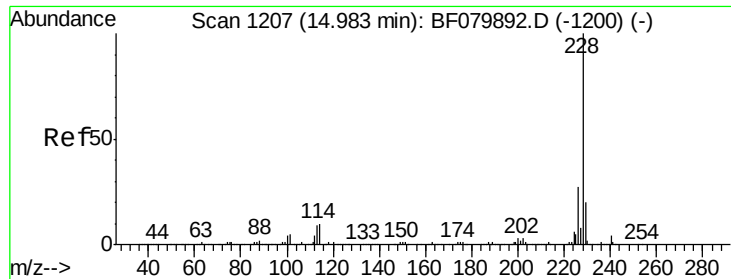


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 18.58 ng

RT: 14.87 min Scan# 1197

Delta R.T. -0.25 min

Lab File: BF079947.D

Acq: 12 Jun 2015 21:05

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PB83999BL

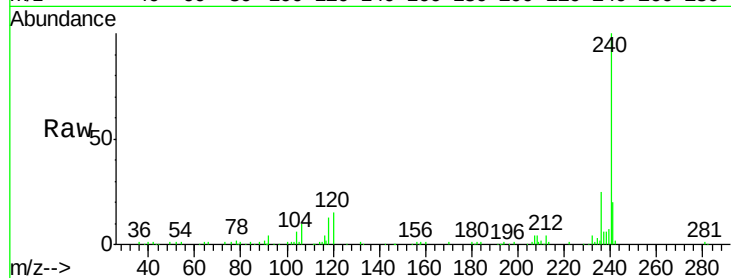
Tgt Ion: 228 Resp: 243

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.8#

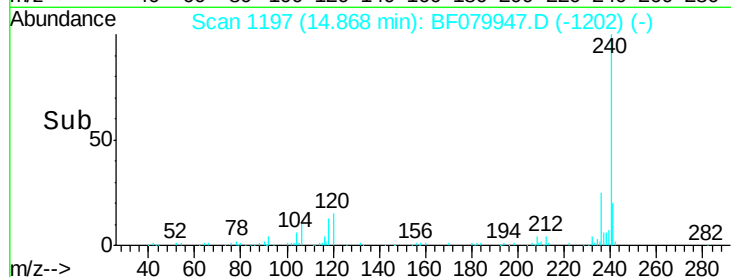
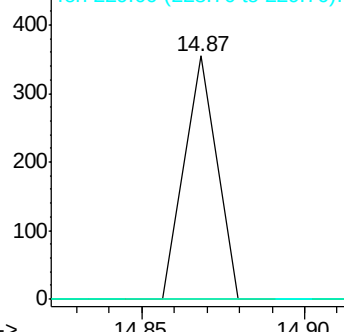
229 0.0 15.9 23.9#



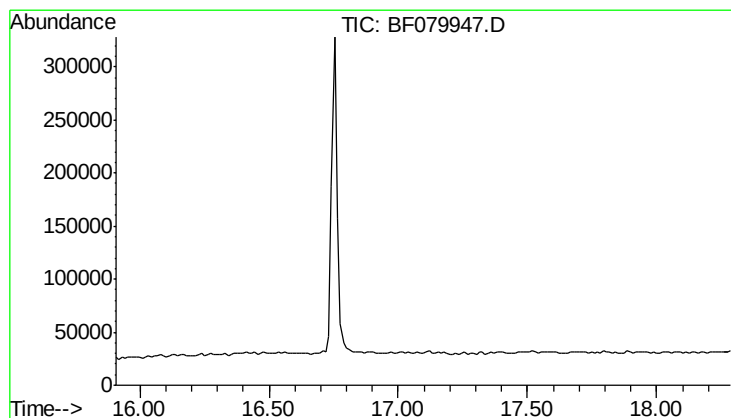
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 17.10 min

Lab File: BF079947.D

Acq: 12 Jun 2015 21:05

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.1

265 21.3

