

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
 Data File : BF078971.D
 Acq On : 6 May 2015 20:22
 Operator : TP/IZ
 Sample : G2035-14 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SS

Quant Time: May 07 01:11:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 00:45:56 2015
 Response via : Initial Calibration

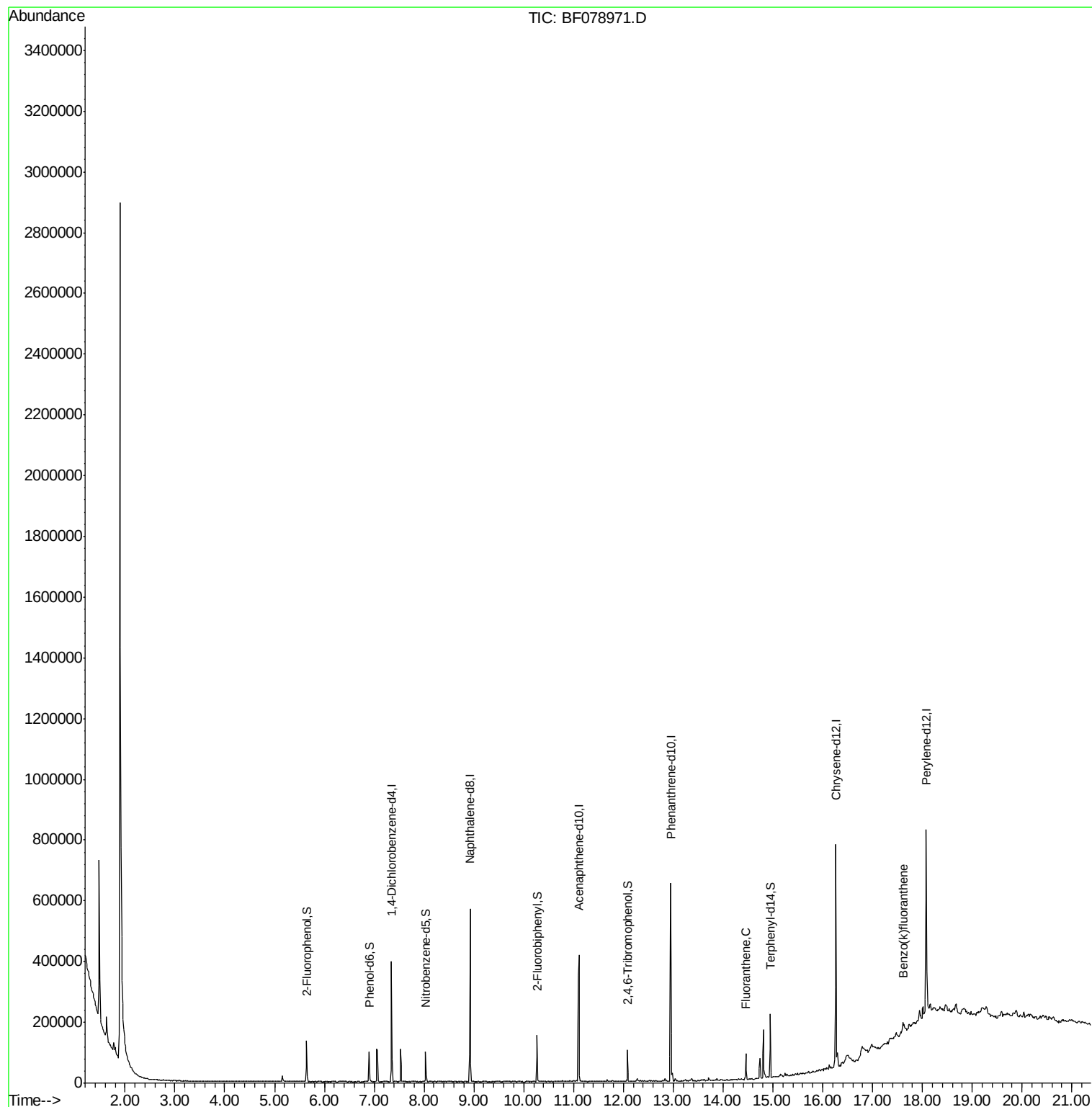
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	57767	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	247520	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	117559	20.00	ng	0.01
63) Phenanthrene-d10	12.95	188	244859	20.00	ng	0.00
75) Chrysene-d12	16.26	240	272678	20.00	ng	-0.05
86) Perylene-d12	18.08	264	286104	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	39819	11.87	ng	0.01
7) Phenol-d6	6.90	99	52979	11.94	ng	0.01
23) Nitrobenzene-d5	8.03	82	30573	7.10	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	13122	10.32	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	59030	7.00	ng	0.00
78) Terphenyl-d14	14.95	244	74735	6.56	ng	0.00
Target Compounds						
74) Fluoranthene	14.46	202	38123	2.67	ng	Qvalue 97
88) Benzo(k)fluoranthene	17.61	252	33422	2.20	ng	# 88

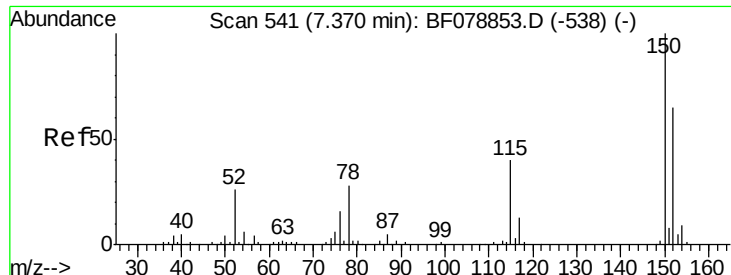
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF078971.D

Acq: 6 May 2015 20:22

Instrument :

BNA_F

ClientSampleId :

TP-14-SS

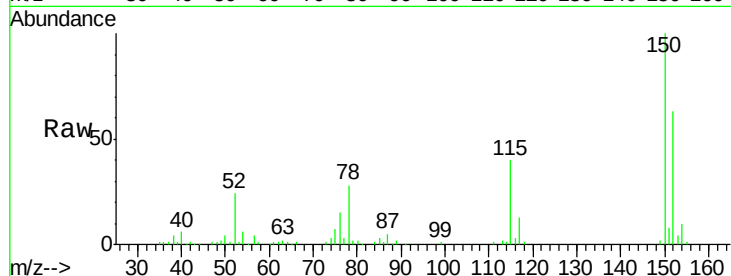
Tgt Ion:152 Resp: 57767

Ion Ratio Lower Upper

152 100

150 158.6 122.0 183.0

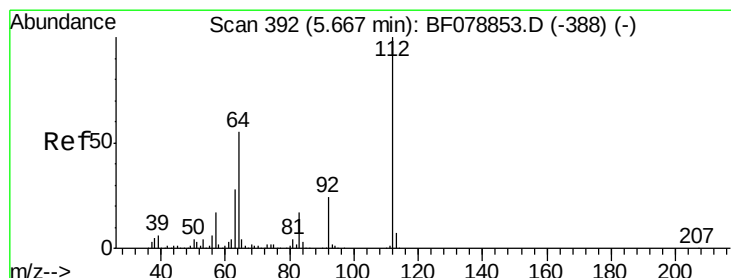
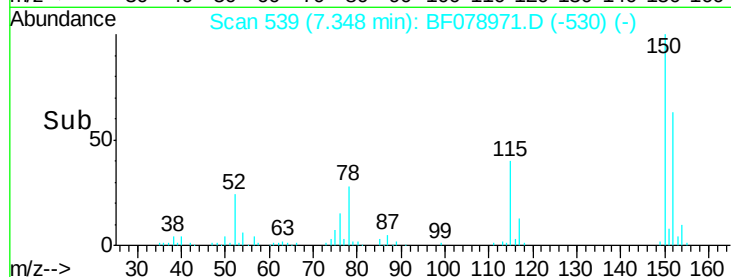
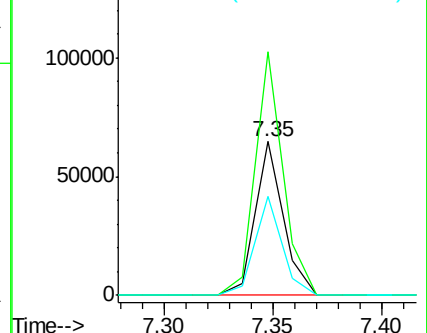
115 64.2 46.3 69.5



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: 11.87 ng

RT: 5.64 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF078971.D

Acq: 6 May 2015 20:22

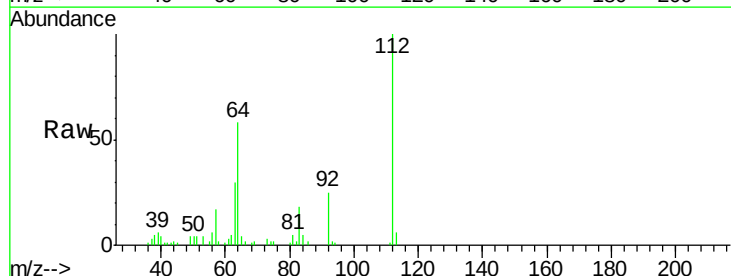
Tgt Ion:112 Resp: 39819

Ion Ratio Lower Upper

112 100

64 58.3 53.5 80.3

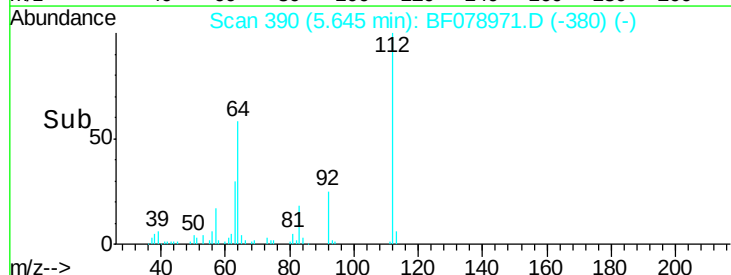
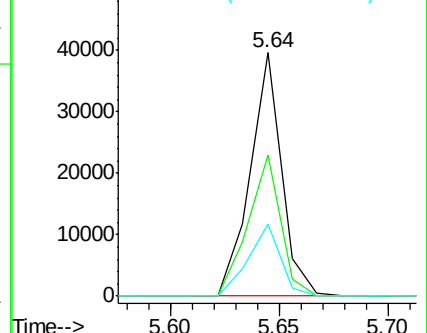
63 29.8 27.5 41.3

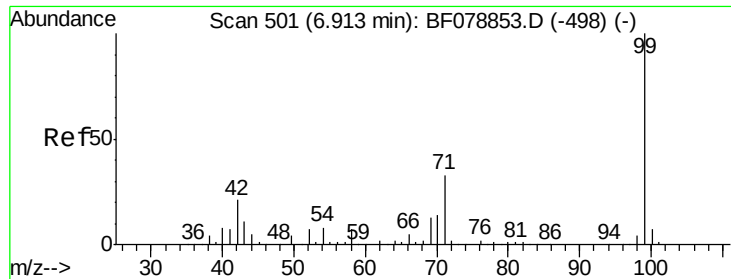


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.94 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF078971.D

Acq: 6 May 2015 20:22

Instrument :

BNA_F

ClientSampled :

TP-14-SS

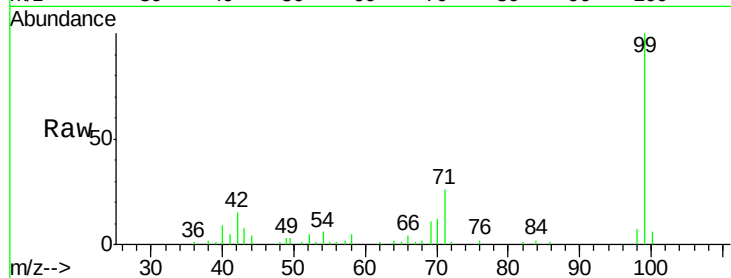
Tgt Ion: 99 Resp: 52979

Ion Ratio Lower Upper

99 100

42 15.5 12.8 19.2

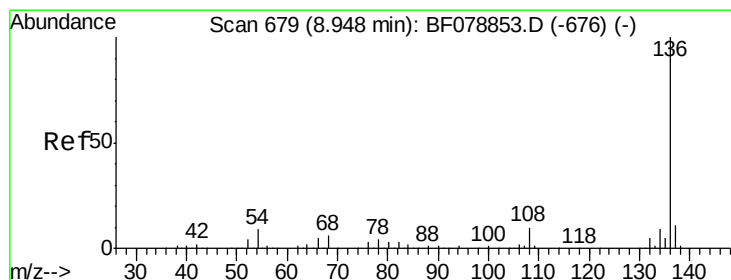
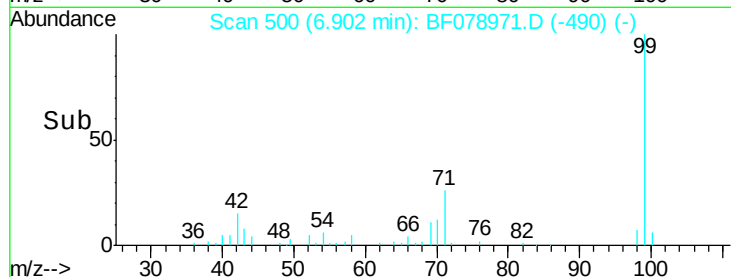
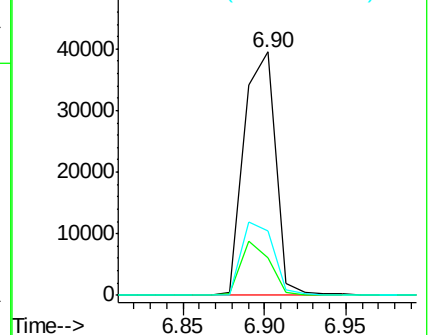
71 26.4 23.4 35.2



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: 8.92 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF078971.D

Acq: 6 May 2015 20:22

Tgt Ion: 136 Resp: 247520

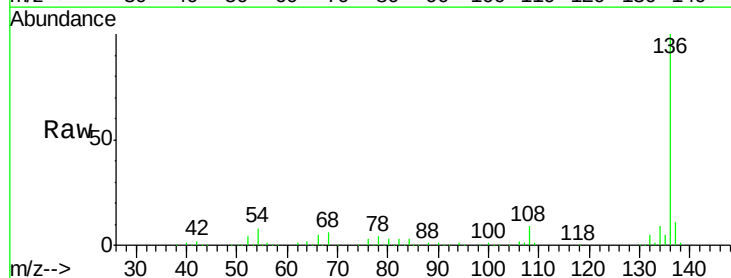
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 7.8 5.8 8.8

68 5.8 4.2 6.4

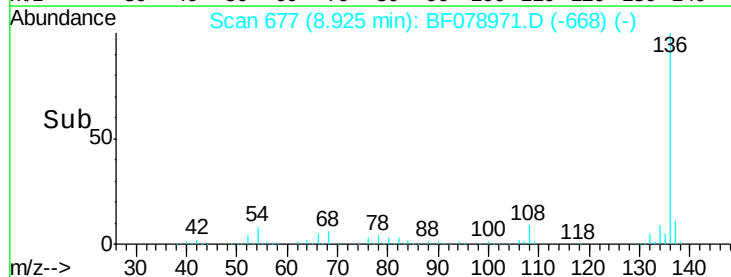
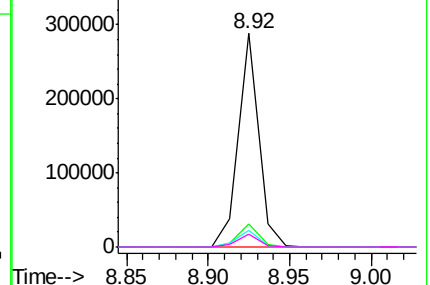


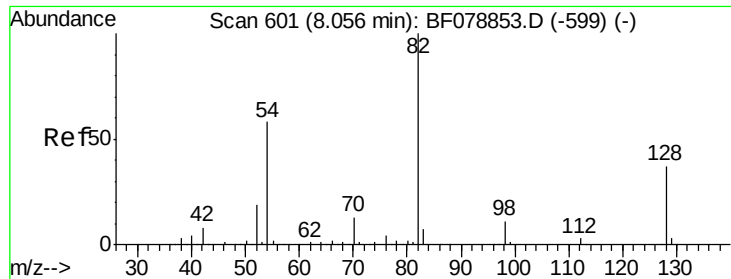
Abundance Ion 136.00 (135.70 to 136.70): E

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

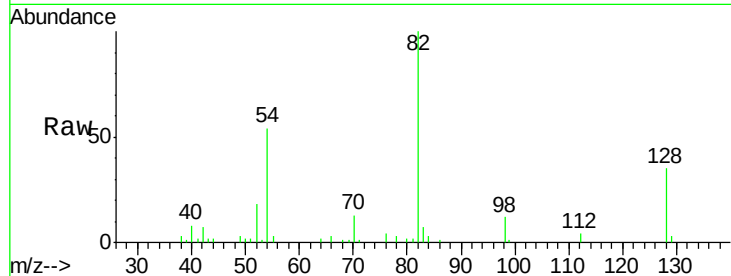




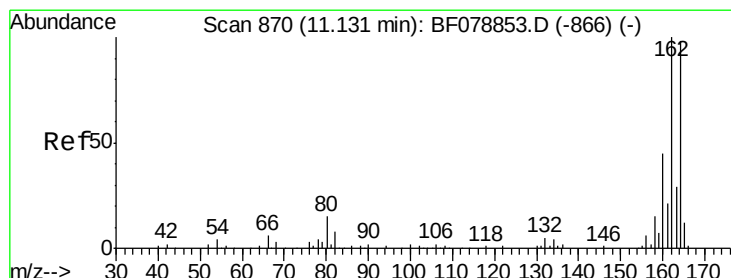
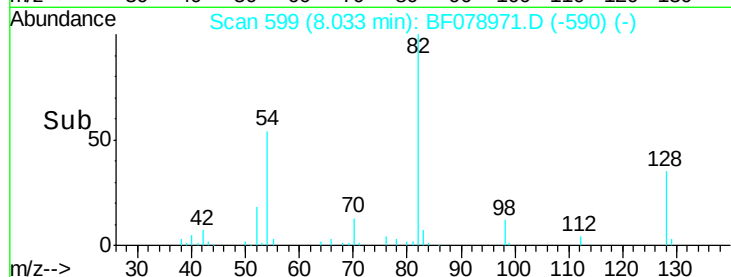
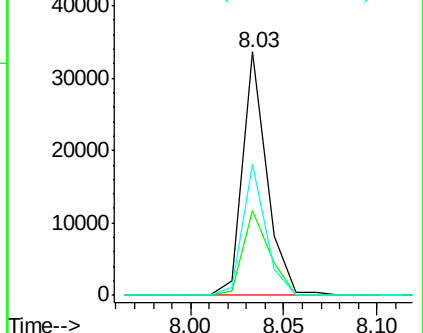
#23
 Nitrobenzene-d5
 Concen: 7.10 ng
 RT: 8.03 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF078971.D
 Acq: 6 May 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SS

Tgt Ion: 82 Resp: 30573
 Ion Ratio Lower Upper
 82 100
 128 34.9 30.0 45.0
 54 53.8 46.4 69.6

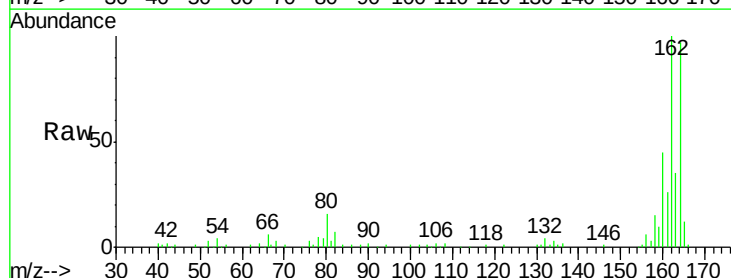


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

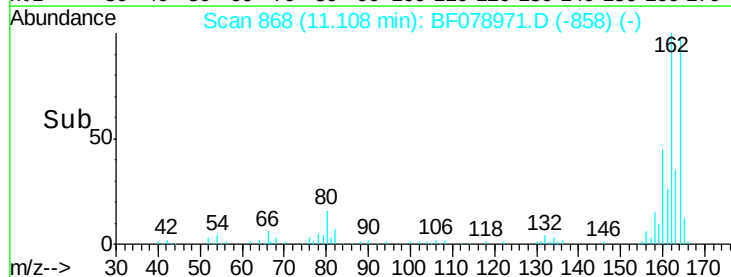
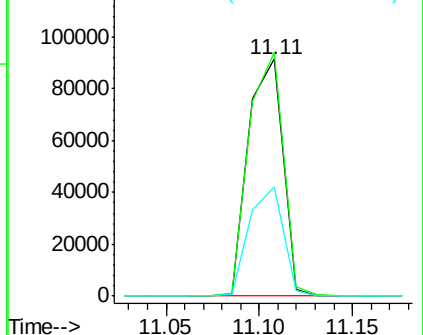


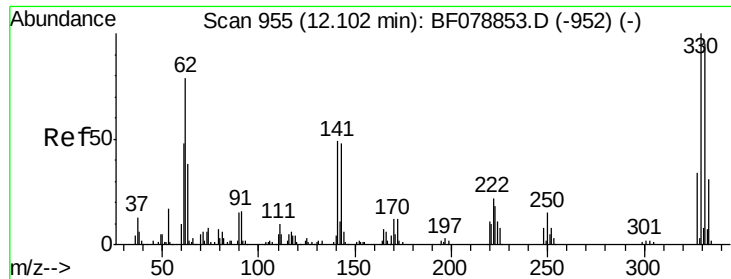
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: BF078971.D
 Acq: 6 May 2015 20:22

Tgt Ion: 164 Resp: 117559
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.7 124.1
 160 45.9 35.8 53.8



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

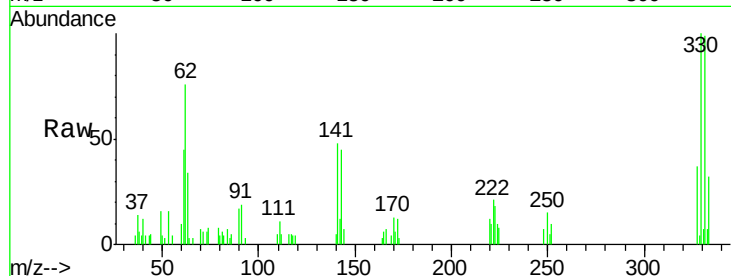




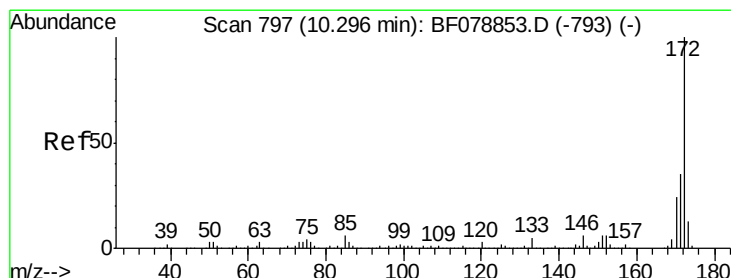
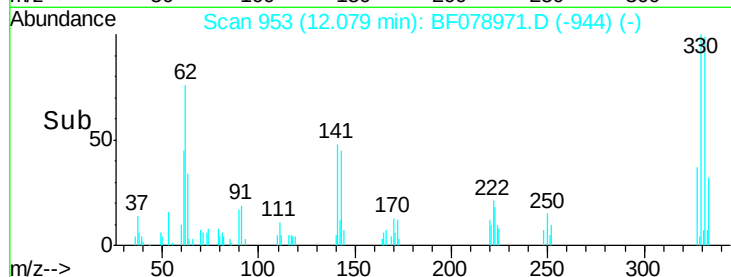
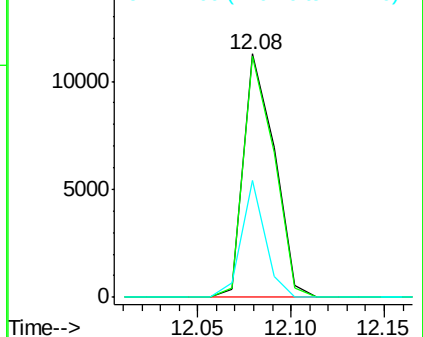
#41
 2,4,6-Tribromophenol
 Concen: 10.32 ng
 RT: 12.08 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF078971.D
 Acq: 6 May 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SS

Tgt Ion:330 Resp: 13122
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 36.8 0.0 0.0#

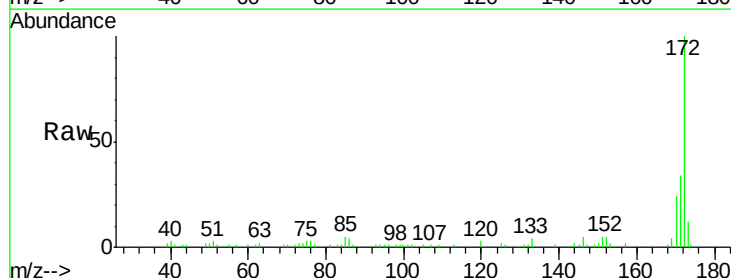


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

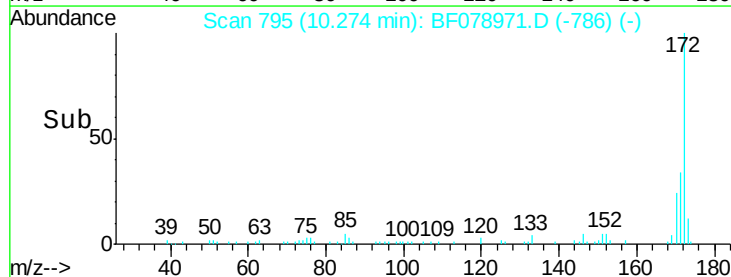
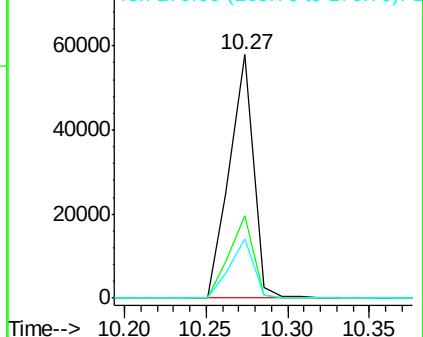


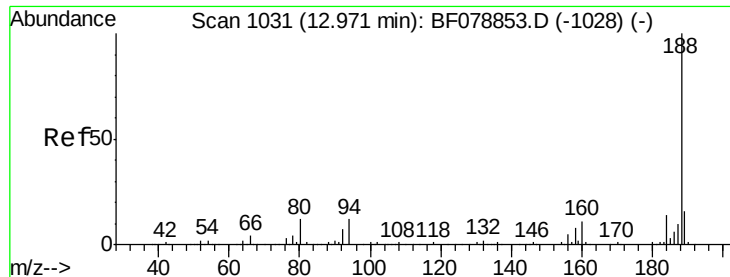
#44
 2-Fluorobiphenyl
 Concen: 7.00 ng
 RT: 10.27 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078971.D
 Acq: 6 May 2015 20:22

Tgt Ion:172 Resp: 59030
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.9 41.9
 170 24.2 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

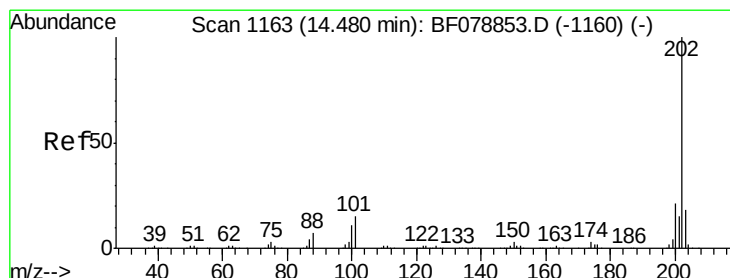
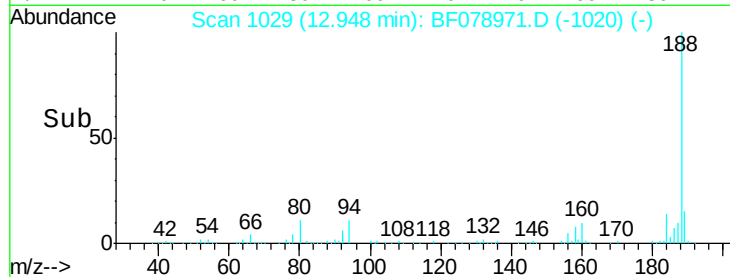
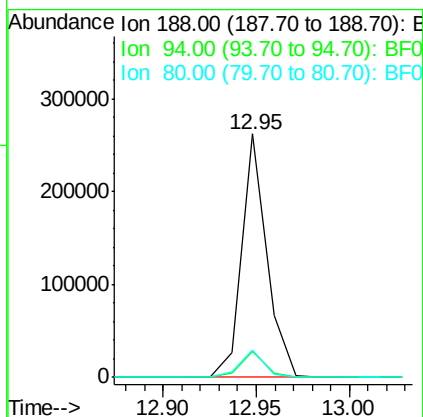
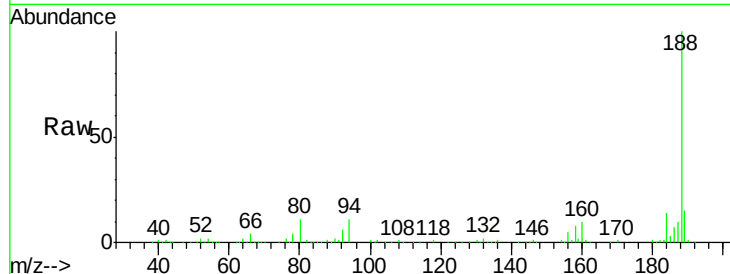




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF078971.D
Acq: 6 May 2015 20:22

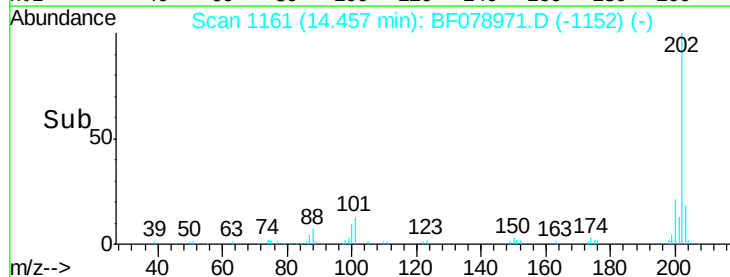
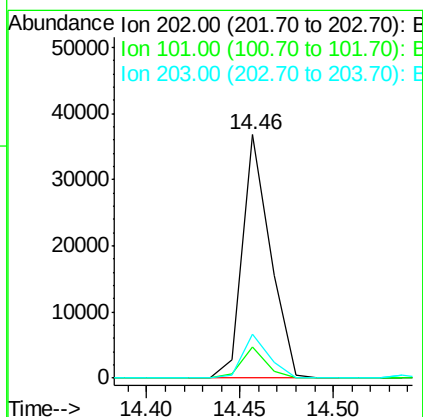
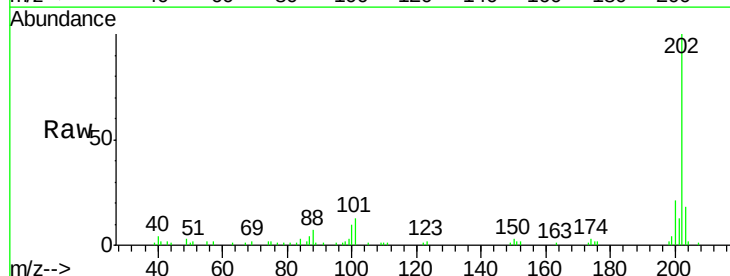
Instrument :
BNA_F
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TP-14-SS

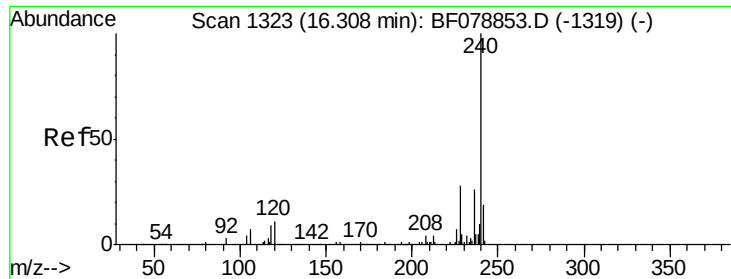
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	244859		
94	10.8		8.2	12.2
80	11.2		8.9	13.3



#74
Fluoranthene
Concen: 2.67 ng
RT: 14.46 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF078971.D
Acq: 6 May 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	38123		
101	12.9		0.0	34.6
203	17.8		0.0	38.4

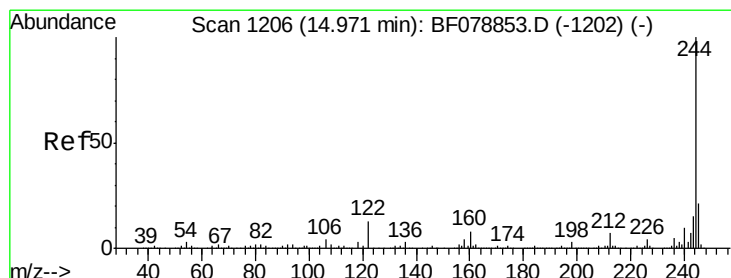
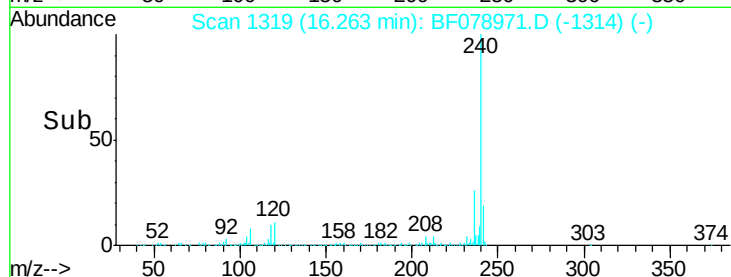
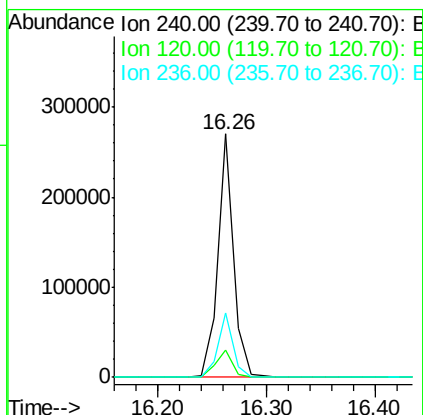
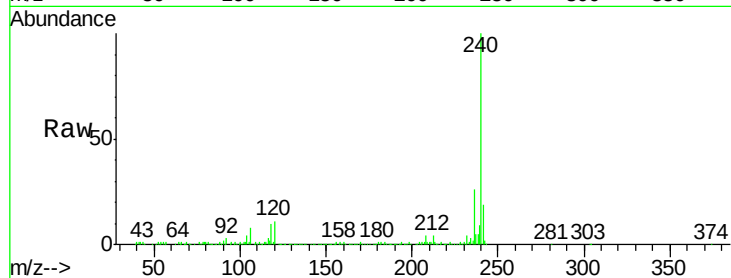




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.05 min
Lab File: BF078971.D
Acq: 6 May 2015 20:22

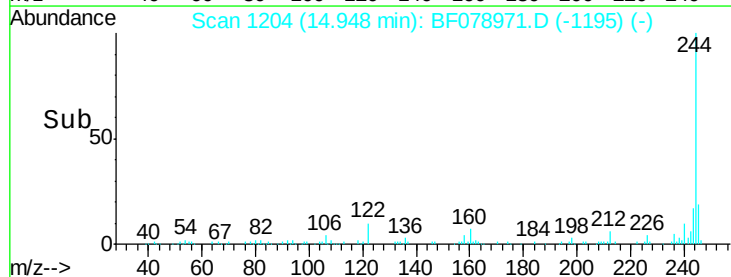
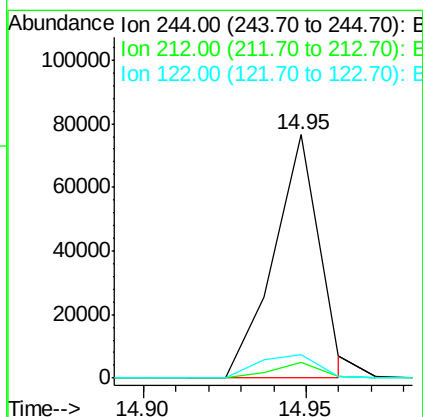
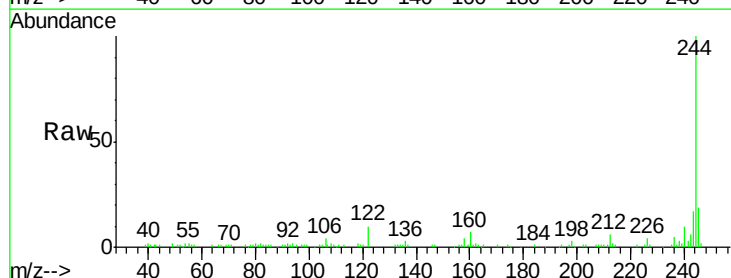
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BNA_F
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TP-14-SS

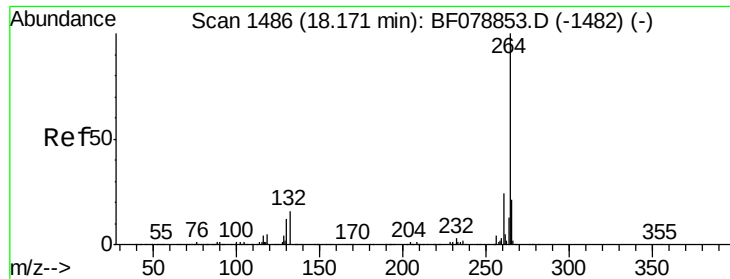
Tgt Ion:240 Resp: 272678
Ion Ratio Lower Upper
240 100
120 11.3 9.7 14.5
236 26.5 20.2 30.4



#78
Terphenyl-d14
Concen: 6.56 ng
RT: 14.95 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF078971.D
Acq: 6 May 2015 20:22

Tgt Ion:244 Resp: 74735
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 9.7 10.3 15.5#



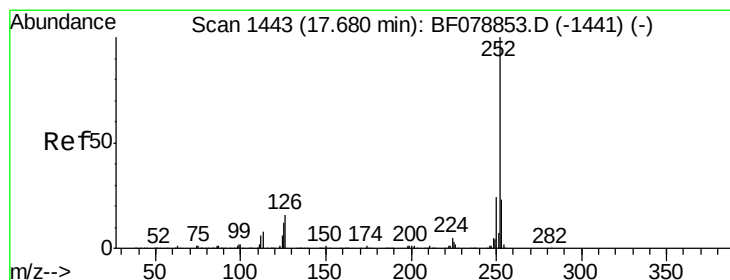
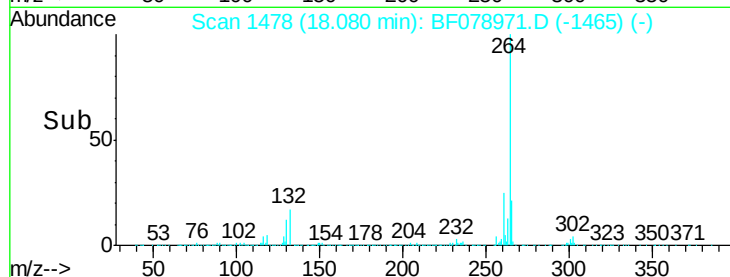
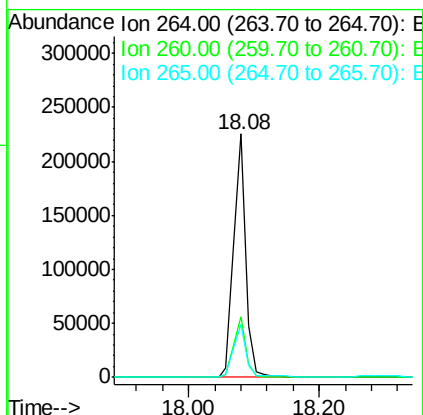
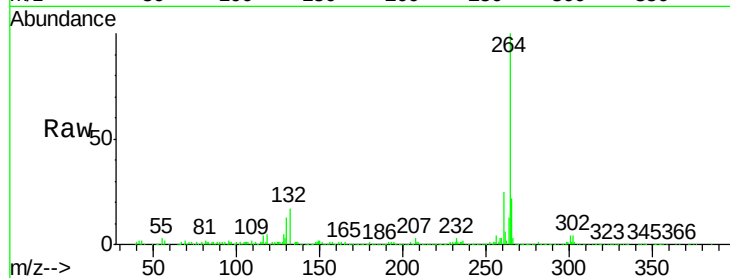


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.08 min Scan# 1478
Delta R.T. -0.15 min
Lab File: BF078971.D
Acq: 6 May 2015 20:22

Instrument :
BNA_F
ClientSampleId :
TP-14-SS

Tgt Ion: 264 Resp: 286104

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.7	18.3	27.5



#88
Benzo(k)fluoranthene
Concen: 2.20 ng
RT: 17.61 min Scan# 1437
Delta R.T. -0.15 min
Lab File: BF078971.D
Acq: 6 May 2015 20:22

Tgt Ion: 252 Resp: 33422

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.1	27.1#
125	17.7	10.0	15.0#

