

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077945.D
 Acq On : 25 Mar 2015 9:19
 Operator : TP/IZ
 Sample : G1615-01 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-1

Quant Time: Mar 25 11:25:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 11:05:58 2015
 Response via : Initial Calibration

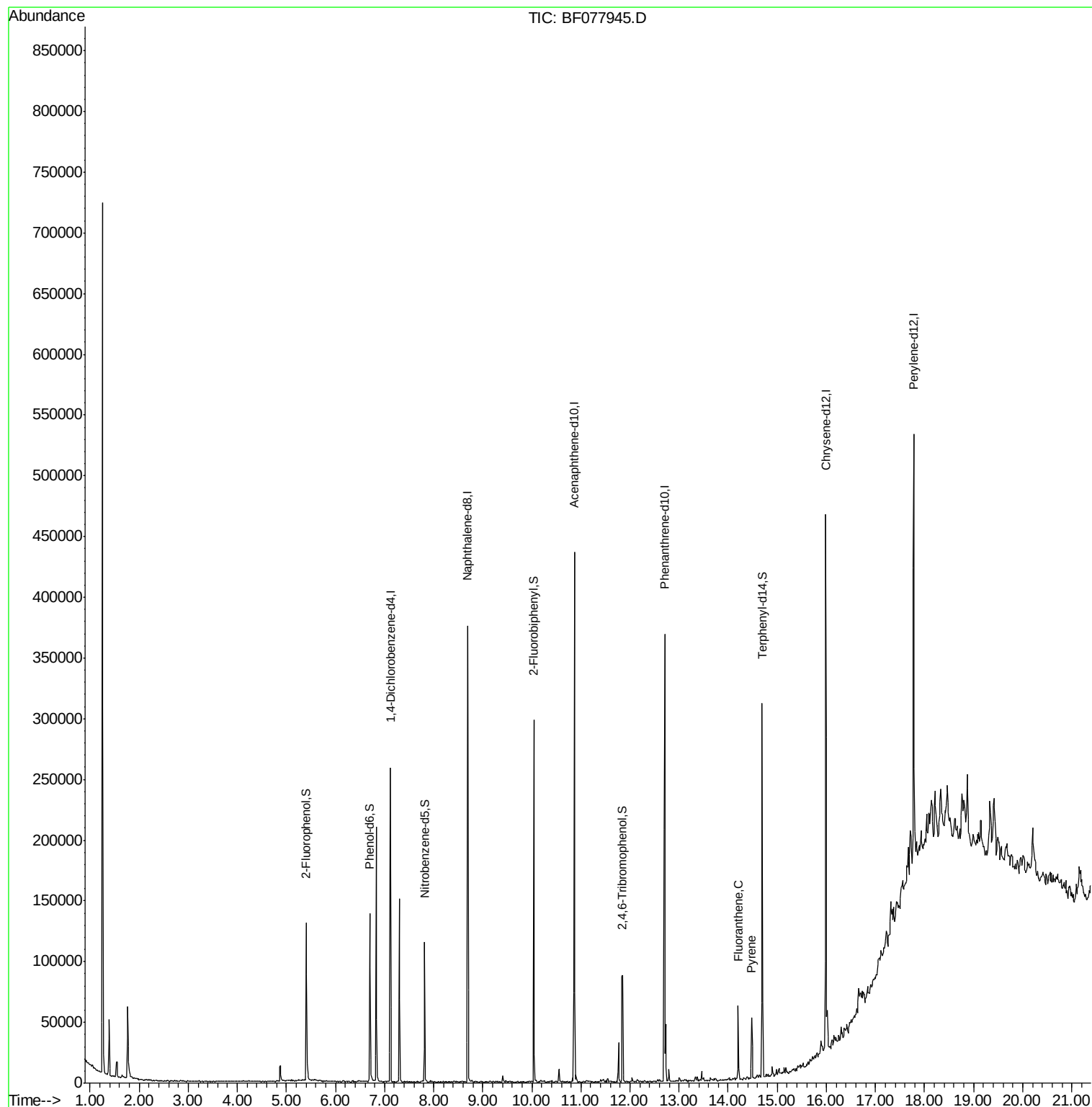
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	42328	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	173200	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	89899	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	171221	20.00	ng	0.01
75) Chrysene-d12	15.99	240	189520	20.00	ng	0.00
86) Perylene-d12	17.78	264	178835	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	52570	21.68	ng	0.00
7) Phenol-d6	6.69	99	70593	23.56	ng	0.00
23) Nitrobenzene-d5	7.81	82	39082	14.79	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	16252	18.89	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	96164	15.72	ng	0.00
78) Terphenyl-d14	14.69	244	106538	13.73	ng	0.00
Target Compounds						
74) Fluoranthene	14.20	202	26203	2.42	ng	Qvalue 96
77) Pyrene	14.48	202	24242	2.03	ng	# 93

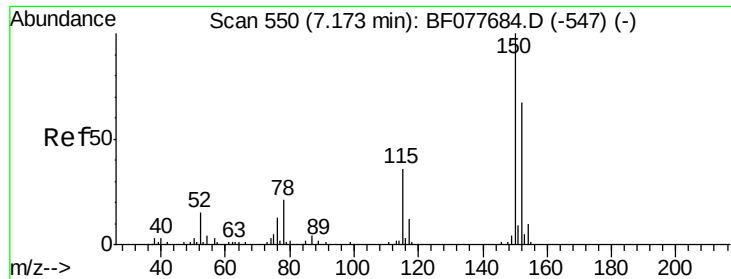
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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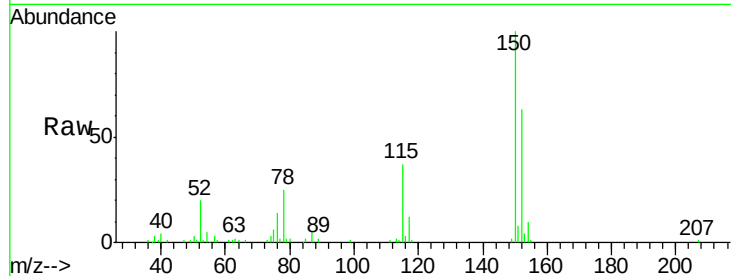


#1

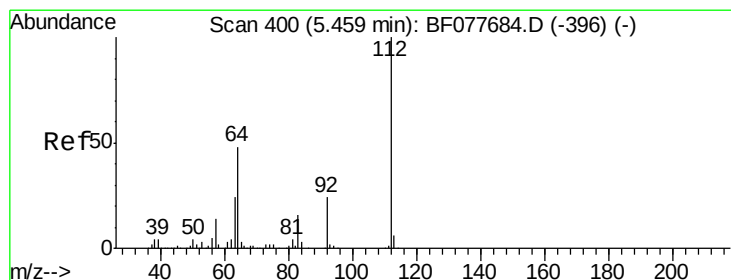
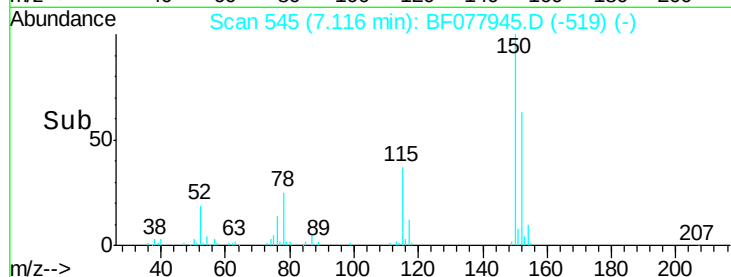
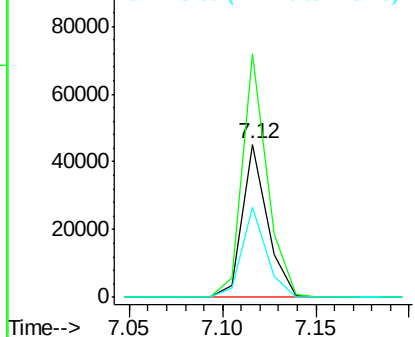
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077945.D
Acq: 25 Mar 2015 9:19

Instrument :
BNA_F
ClientSampleId :
SB-15-1

Tgt Ion:152 Resp: 42328
Ion Ratio Lower Upper
152 100
150 159.0 119.5 179.3
115 58.9 43.0 64.4



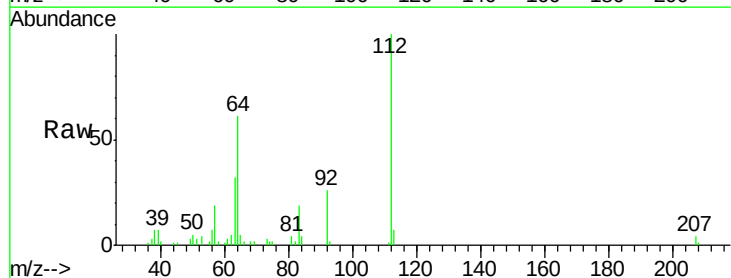
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



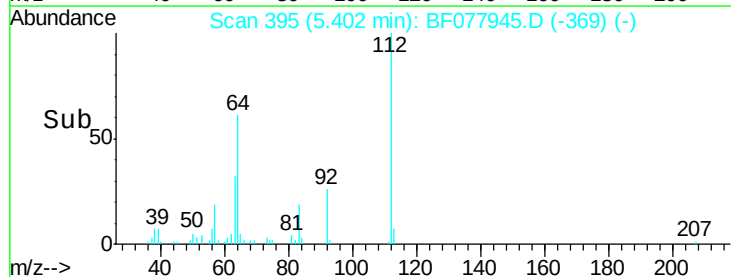
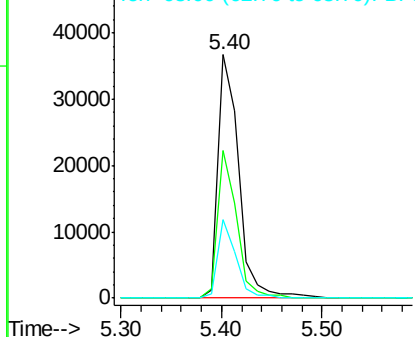
#5

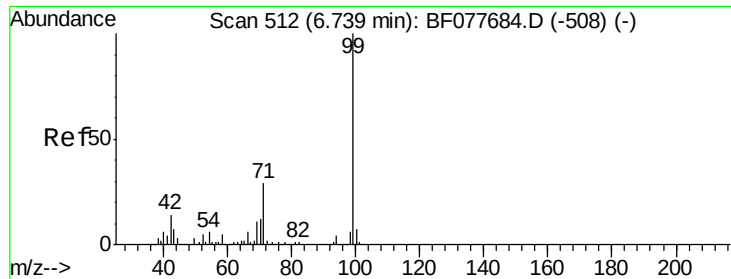
2-Fluorophenol
Concen: 21.68 ng
RT: 5.40 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF077945.D
Acq: 25 Mar 2015 9:19

Tgt Ion:112 Resp: 52570
Ion Ratio Lower Upper
112 100
64 60.8 38.6 57.8#
63 32.2 19.3 28.9#



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: 23.56 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077945.D

Acq: 25 Mar 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-15-1

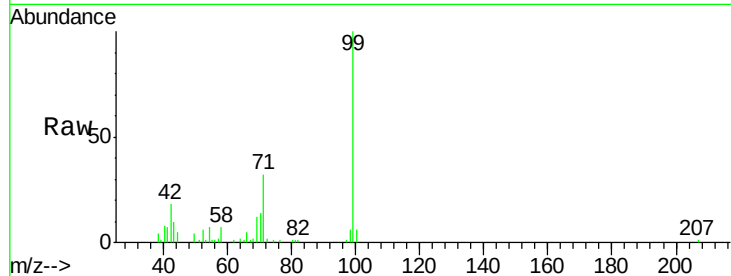
Tgt Ion: 99 Resp: 70593

Ion Ratio Lower Upper

99 100

42 18.4 11.0 16.4#

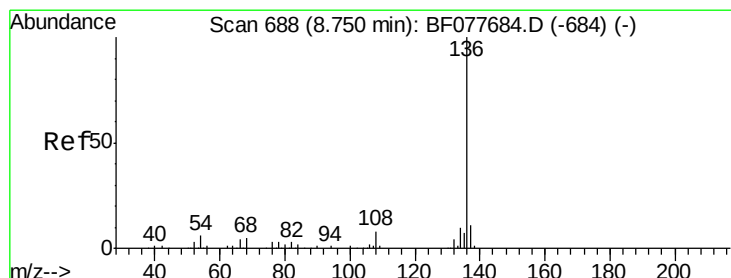
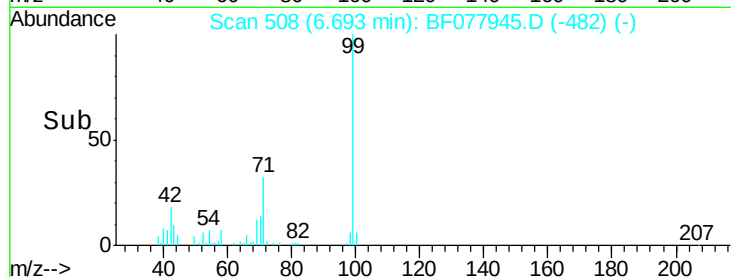
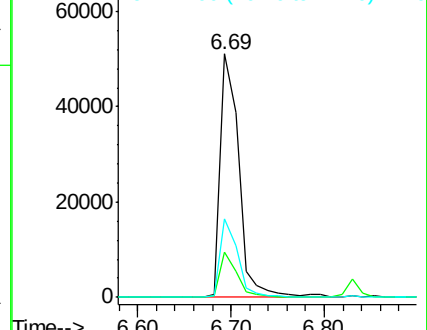
71 32.1 23.4 35.2



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: 8.69 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF077945.D

Acq: 25 Mar 2015 9:19

Tgt Ion: 136 Resp: 173200

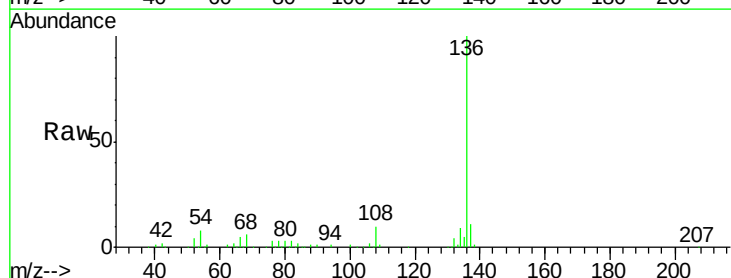
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.8 4.6 6.8#

68 5.9 3.7 5.5#

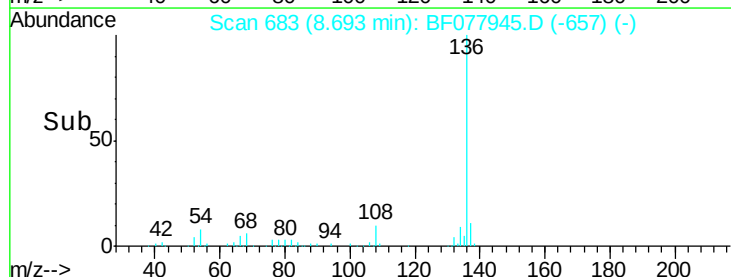
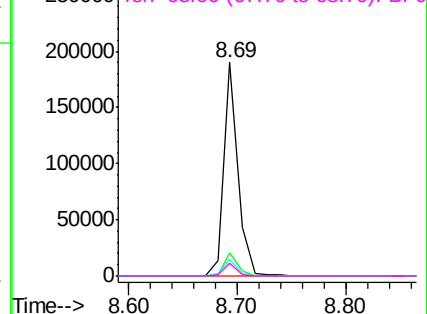


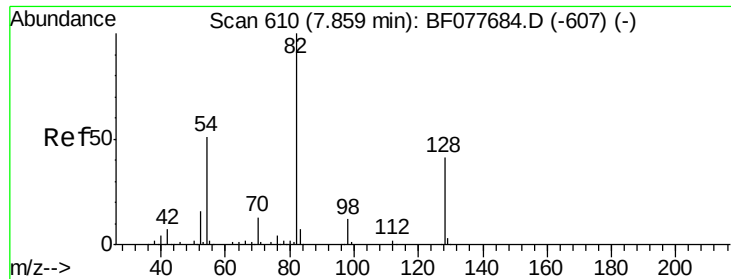
Abundance Ion 136.00 (135.70 to 136.70): E

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

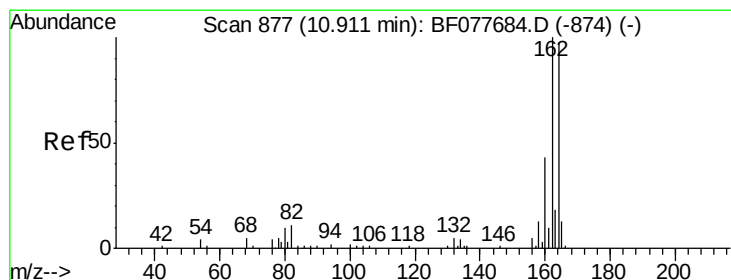
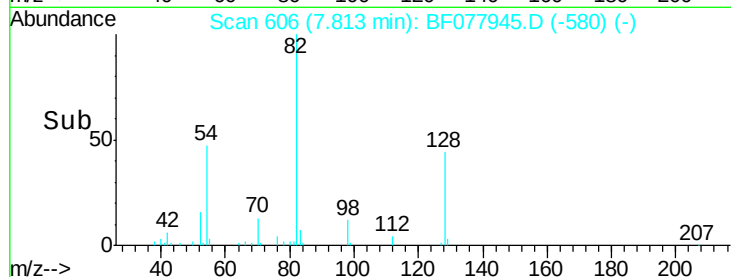
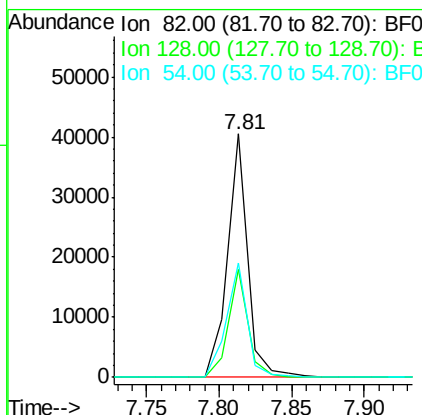
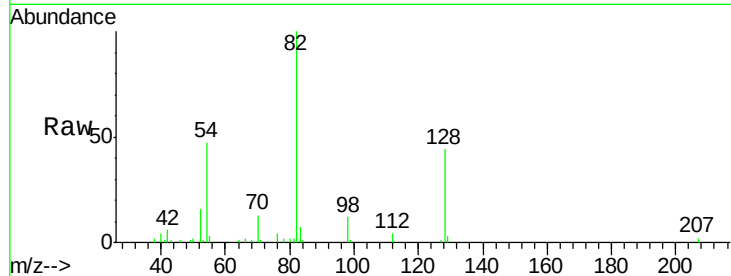




#23
 Nitrobenzene-d5
 Concen: 14.79 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077945.D
 Acq: 25 Mar 2015 9:19

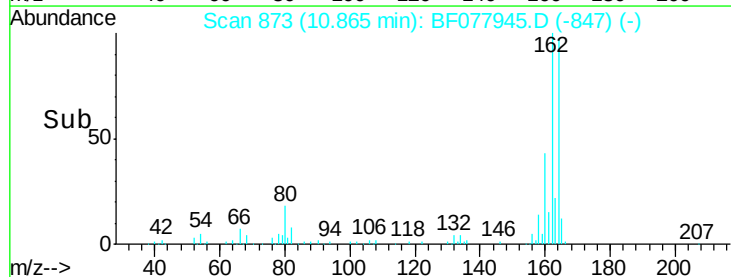
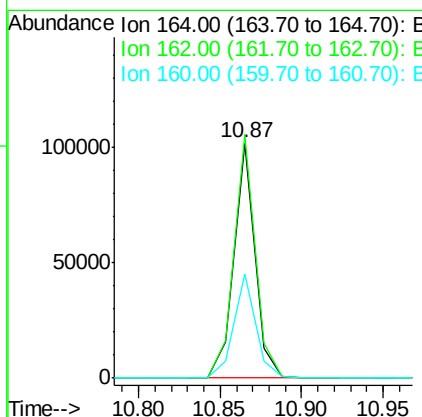
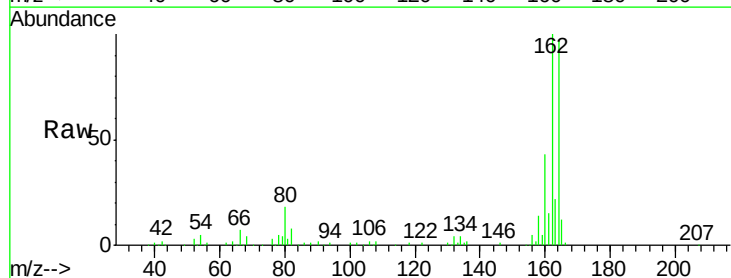
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-1

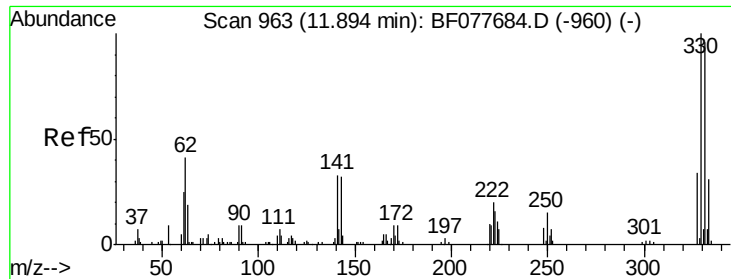
Tgt Ion: 82 Resp: 39082
 Ion Ratio Lower Upper
 82 100
 128 44.4 32.8 49.2
 54 46.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF077945.D
 Acq: 25 Mar 2015 9:19

Tgt Ion: 164 Resp: 89899
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.4 123.6
 160 44.4 35.8 53.6

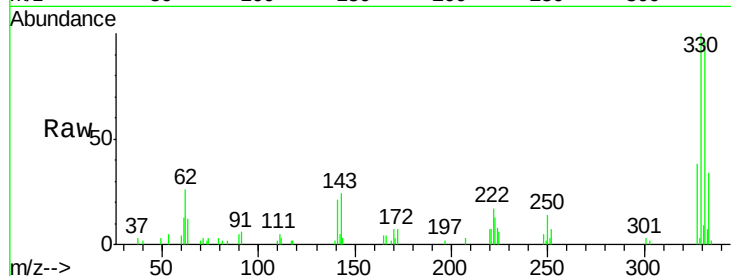




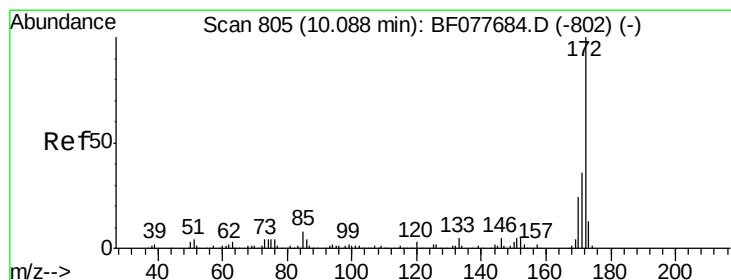
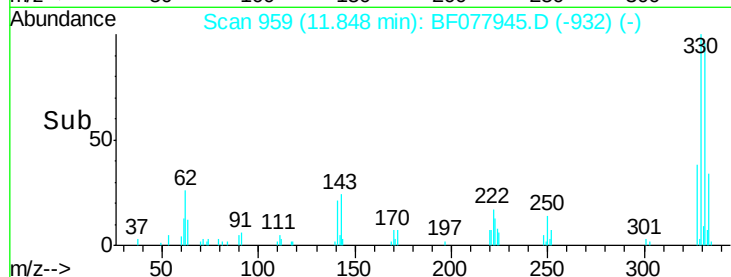
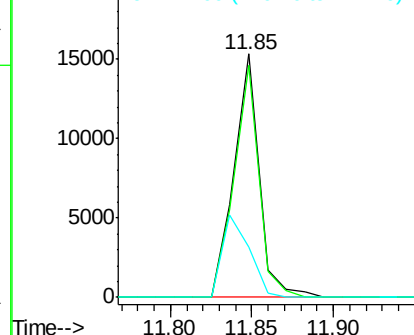
#41
 2,4,6-Tribromophenol
 Concen: 18.89 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: BF077945.D
 Acq: 25 Mar 2015 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	0.0	0.0#
141	36.7	0.0	0.0#

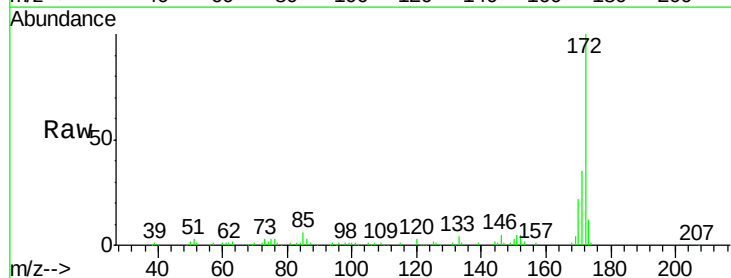


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

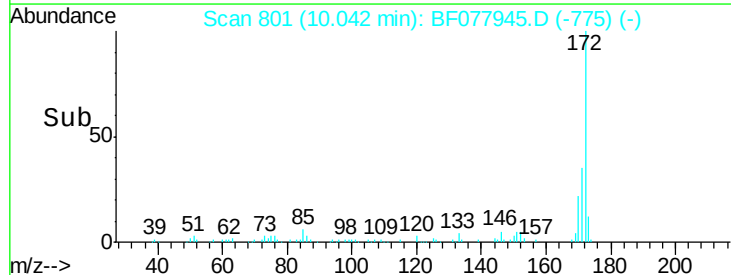
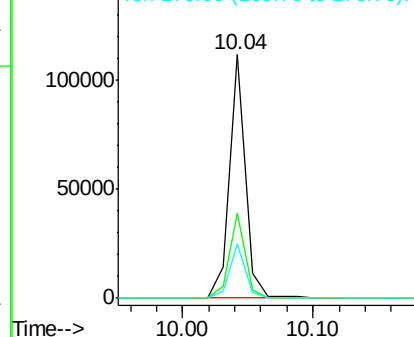


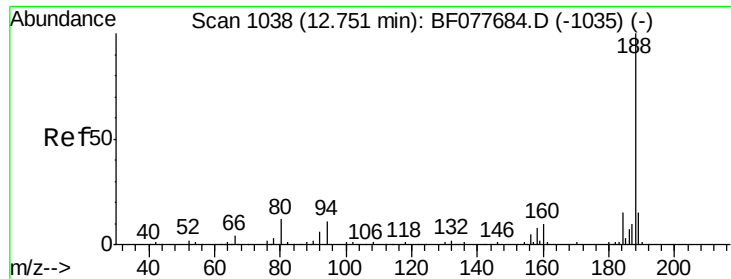
#44
 2-Fluorobiphenyl
 Concen: 15.72 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077945.D
 Acq: 25 Mar 2015 9:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	22.0	18.8	28.2



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

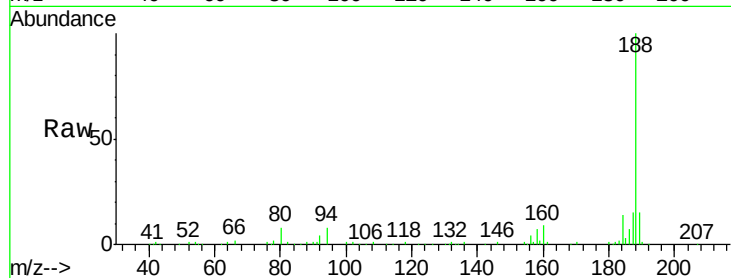




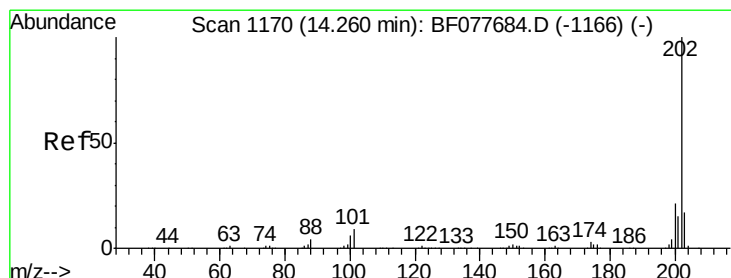
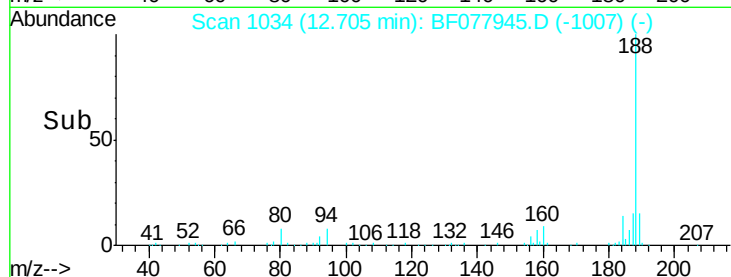
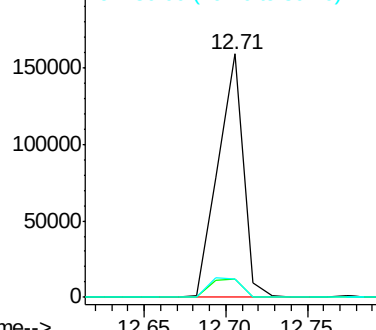
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF077945.D
Acq: 25 Mar 2015 9:19

Instrument :
BNA_F
ClientSampleId :
SB-15-1

Tgt Ion:188 Resp: 171221
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 7.6 9.3 13.9#

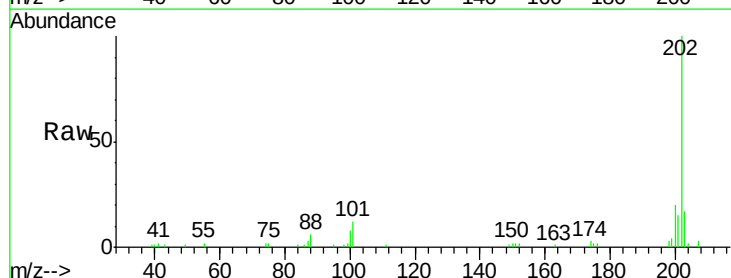


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

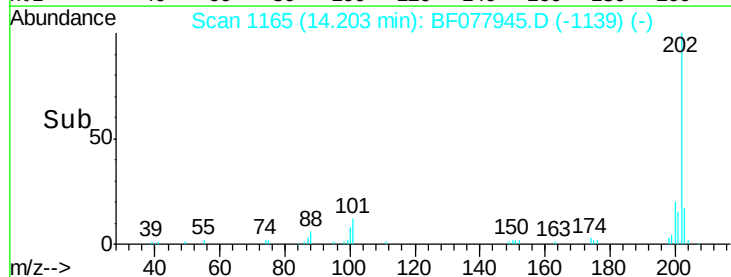
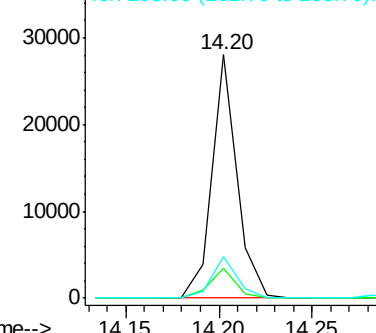


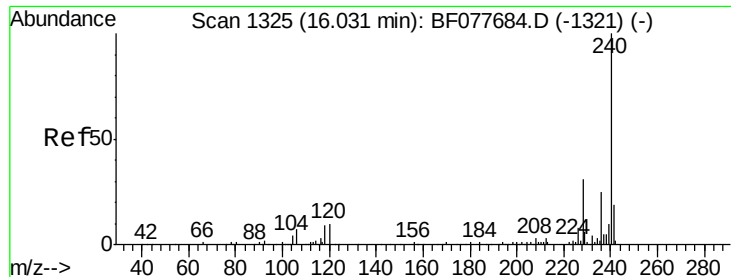
#74
Fluoranthene
Concen: 2.42 ng
RT: 14.20 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF077945.D
Acq: 25 Mar 2015 9:19

Tgt Ion:202 Resp: 26203
Ion Ratio Lower Upper
202 100
101 12.2 0.0 28.7
203 17.0 0.0 37.2



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: 15.99 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF077945.D

Acq: 25 Mar 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-15-1

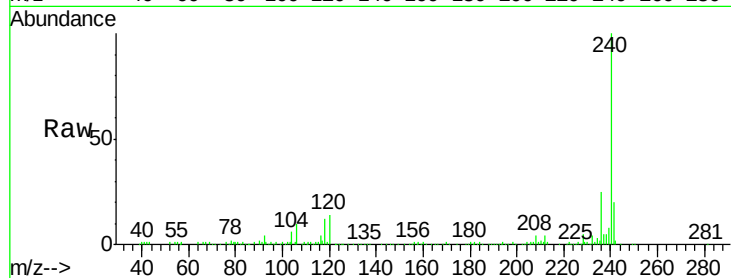
Tgt Ion:240 Resp: 189520

Ion Ratio Lower Upper

240 100

120 13.6 8.2 12.2#

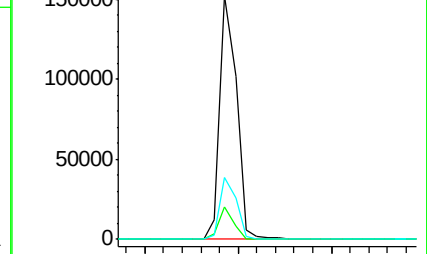
236 25.3 20.0 30.0



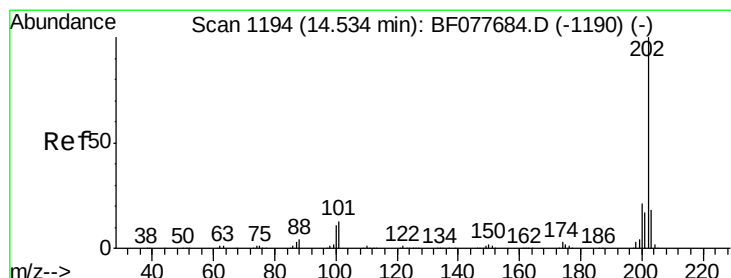
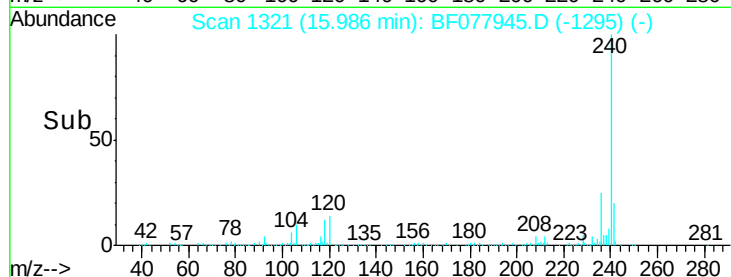
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 15.90 16.00 16.10



#77

Pyrene

Concen: 2.03 ng

RT: 14.48 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF077945.D

Acq: 25 Mar 2015 9:19

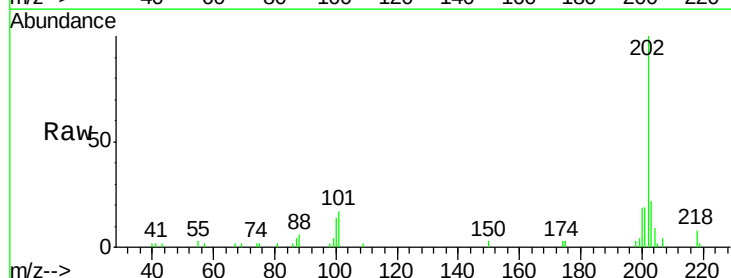
Tgt Ion:202 Resp: 24242

Ion Ratio Lower Upper

202 100

200 19.3 16.9 25.3

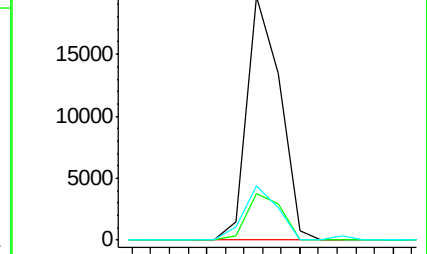
203 22.4 14.1 21.1#



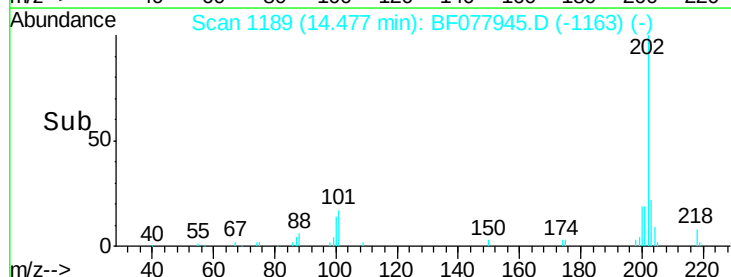
Abundance Ion 202.00 (201.70 to 202.70): E

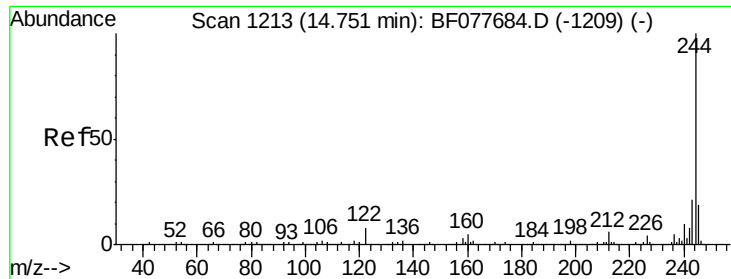
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 14.45 14.50

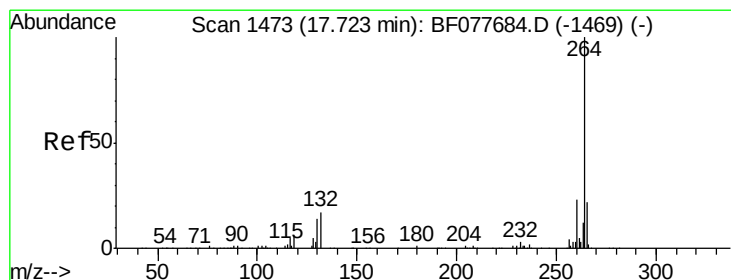
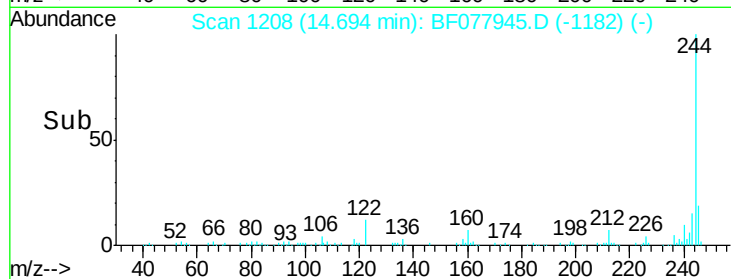
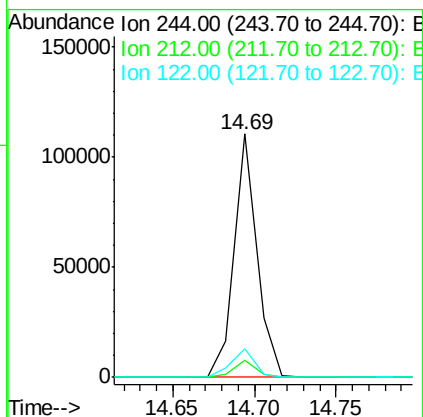
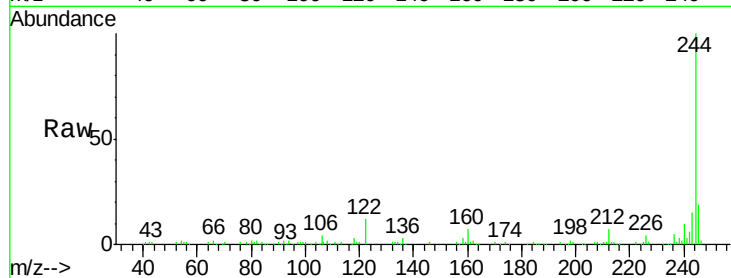




#78
 Terphenyl-d14
 Concen: 13.73 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077945.D
 Acq: 25 Mar 2015 9:19

Instrument :
 BNA_F
 ClientSampled :
 SB-15-1

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	11.9	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1478
 Delta R.T. 0.03 min
 Lab File: BF077945.D
 Acq: 25 Mar 2015 9:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.6	17.3	25.9

