

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050115\
 Data File : BF078890.D
 Acq On : 1 May 2015 14:03
 Operator : TP/IZ
 Sample : G2069-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-032

Quant Time: May 01 23:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 22:48:21 2015
 Response via : Initial Calibration

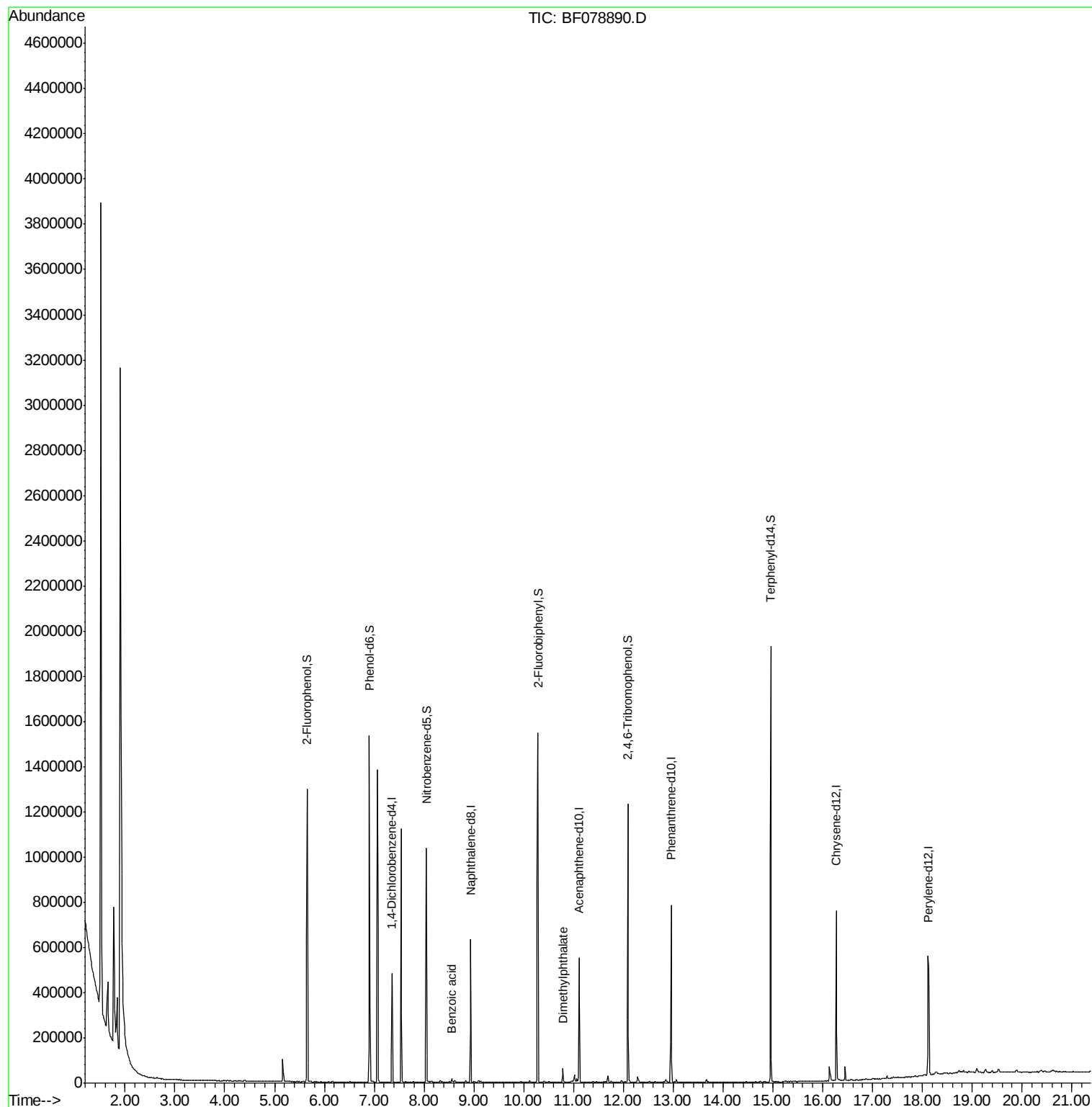
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	74252	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	305518	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	141419	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	288762	20.00	ng	0.00
75) Chrysene-d12	16.27	240	291605	20.00	ng	-0.01
86) Perylene-d12	18.13	264	302635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	404338	93.74	ng	0.00
7) Phenol-d6	6.90	99	506294	88.80	ng	0.00
23) Nitrobenzene-d5	8.04	82	299383	56.32	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	152565	99.72	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	586634	57.79	ng	0.00
78) Terphenyl-d14	14.96	244	739956	60.75	ng	0.00
Target Compounds						
32) Benzoic acid	8.56	122	3799	7.52	ng	96
49) Dimethylphthalate	10.79	163	31531	3.04	ng	99

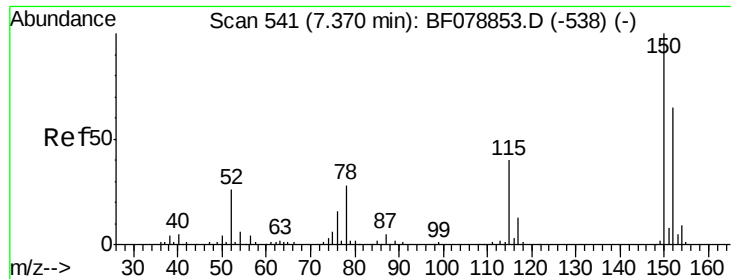
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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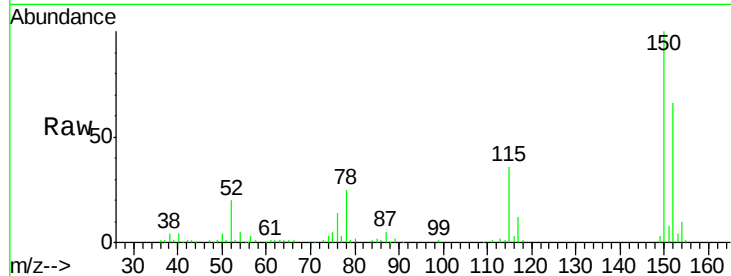


#1

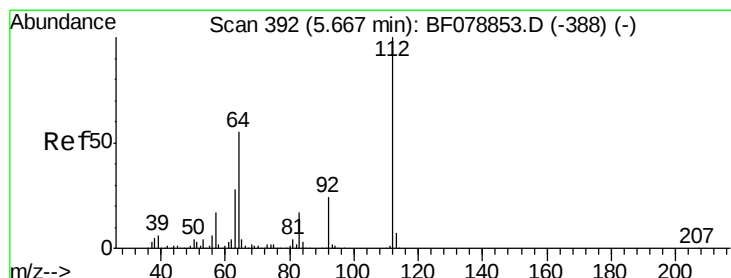
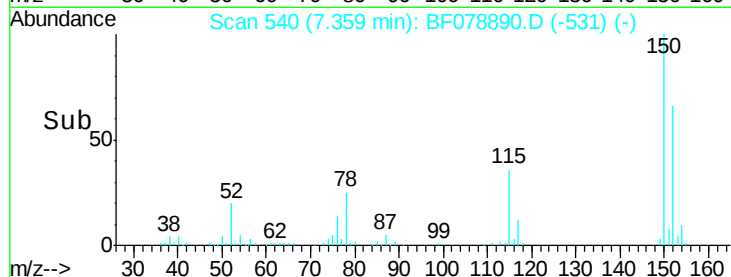
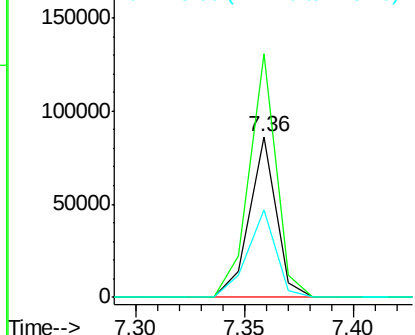
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.36 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF078890.D
 Acq: 1 May 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 FS-032

Tgt Ion:152 Resp: 74252
 Ion Ratio Lower Upper
 152 100
 150 151.7 122.0 183.0
 115 54.4 46.3 69.5



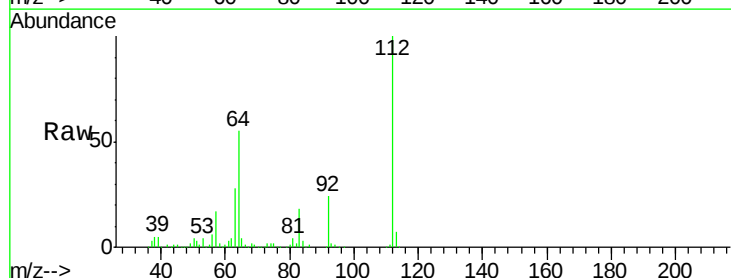
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



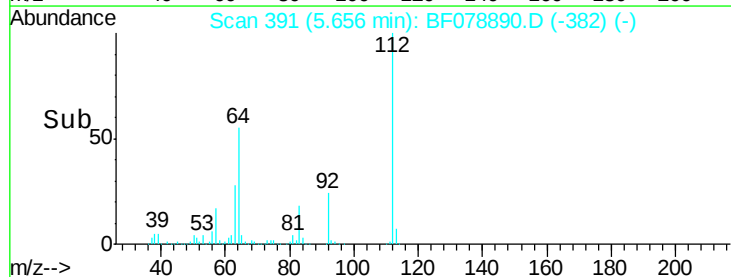
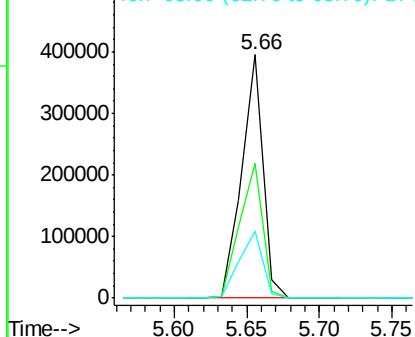
#5

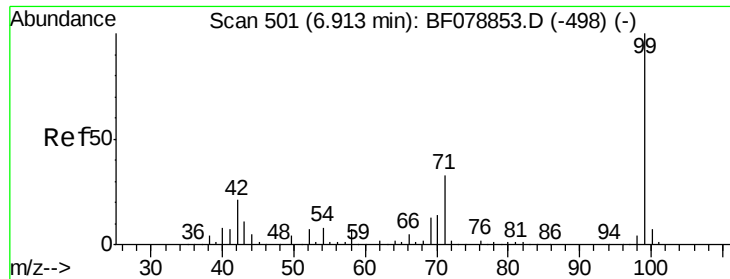
2-Fluorophenol
 Concen: 93.74 ng
 RT: 5.66 min Scan# 391
 Delta R.T. -0.00 min
 Lab File: BF078890.D
 Acq: 1 May 2015 14:03

Tgt Ion:112 Resp: 404338
 Ion Ratio Lower Upper
 112 100
 64 55.4 53.5 80.3
 63 27.6 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: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078890.D

Acq: 1 May 2015 14:03

Instrument :

BNA_F

ClientSampleId :

FS-032

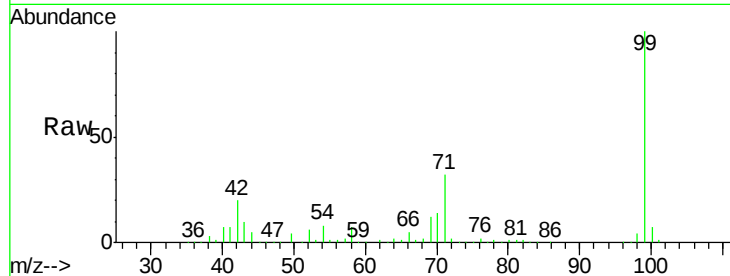
Tgt Ion: 99 Resp: 506294

Ion Ratio Lower Upper

99 100

42 19.5 12.8 19.2#

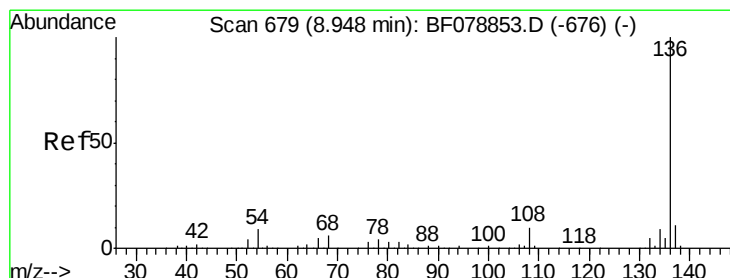
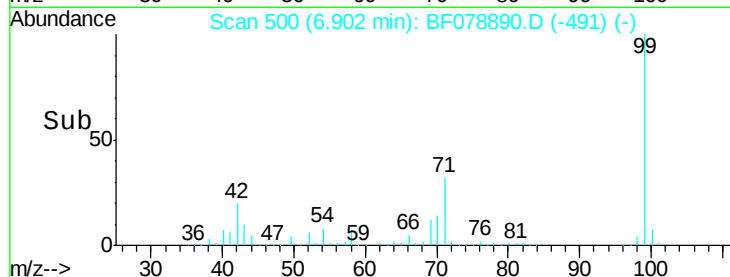
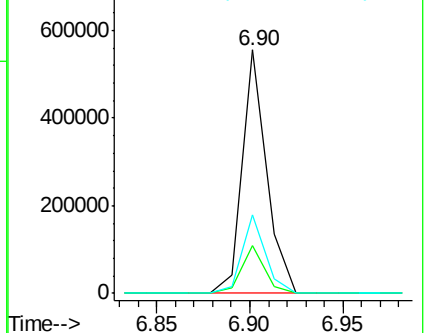
71 32.5 23.4 35.2



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: 8.94 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF078890.D

Acq: 1 May 2015 14:03

Tgt Ion: 136 Resp: 305518

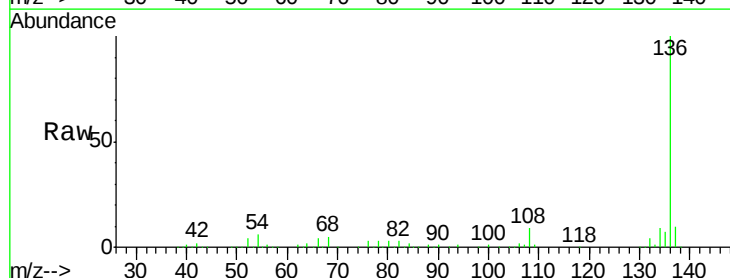
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.4 5.8 8.8

68 4.8 4.2 6.4

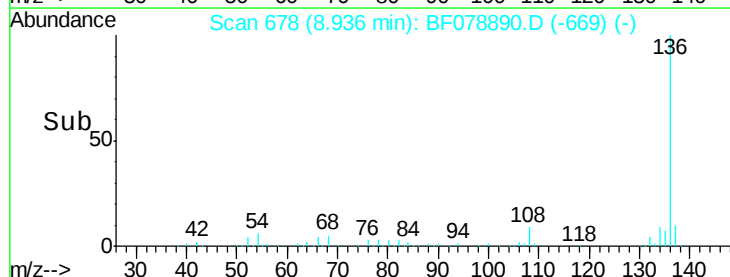
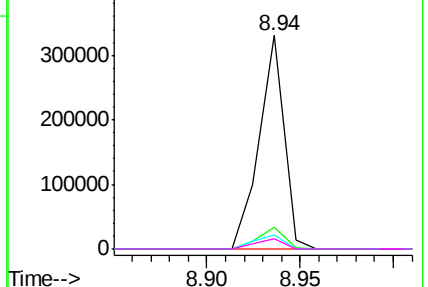


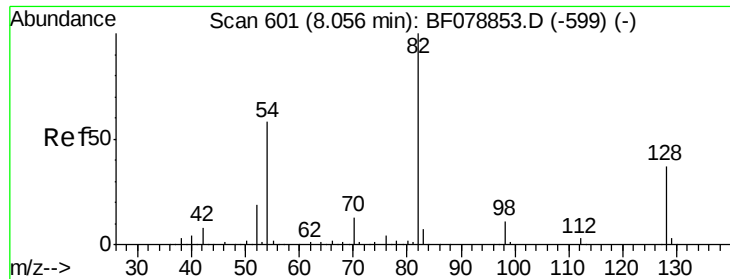
Abundance Ion 136.00 (135.70 to 136.70): E

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

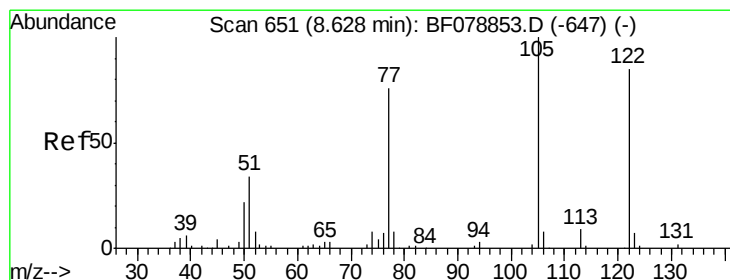
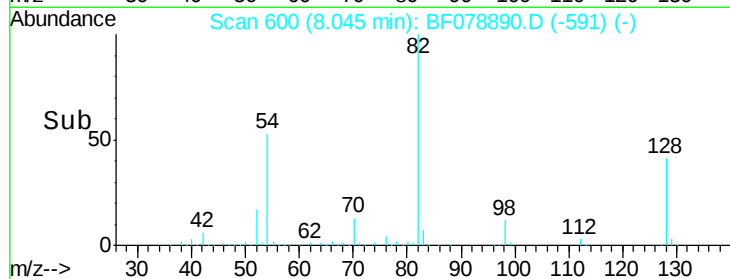
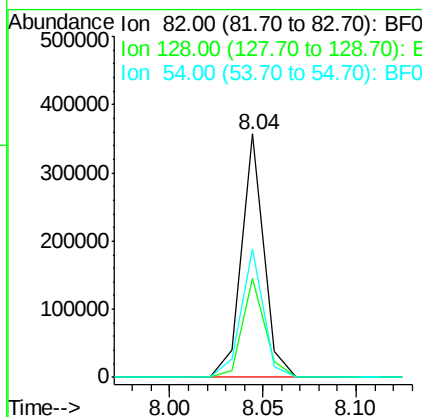
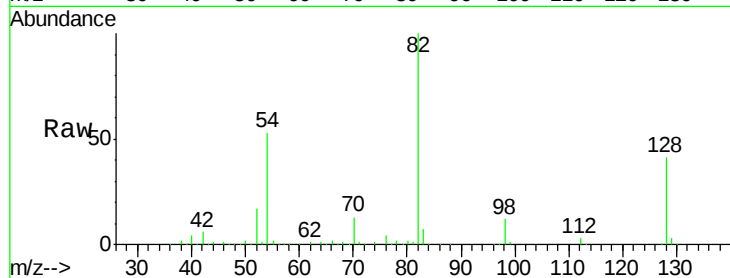




#23
 Nitrobenzene-d5
 Concen: 56.32 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078890.D
 Acq: 1 May 2015 14:03

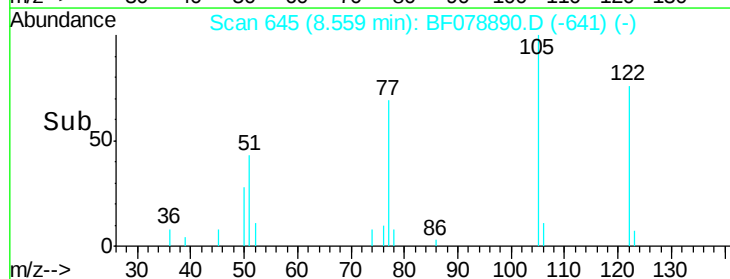
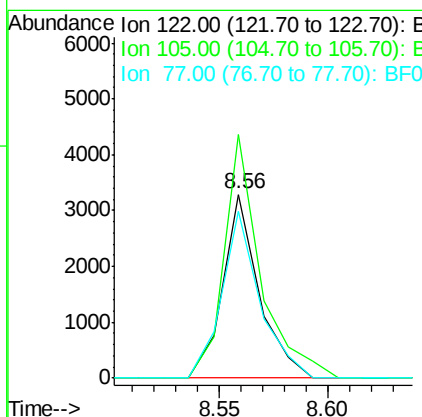
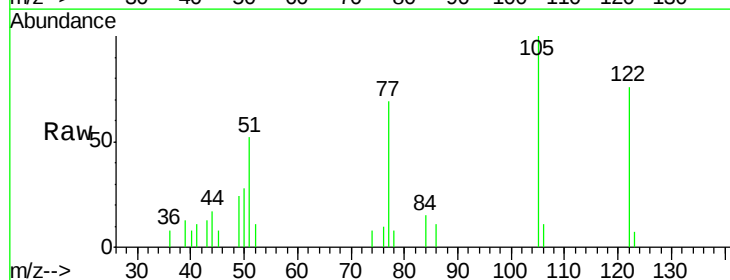
Instrument :
 BNA_F
 ClientSampleId :
 FS-032

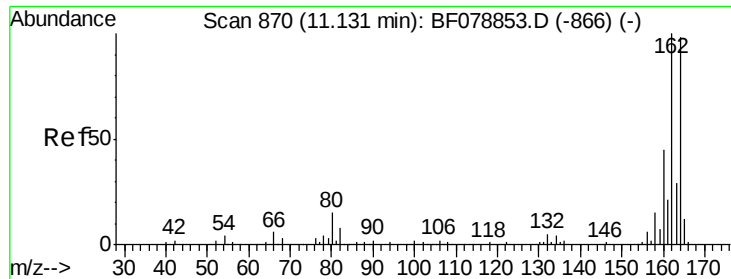
Tgt Ion: 82 Resp: 299383
 Ion Ratio Lower Upper
 82 100
 128 40.7 30.0 45.0
 54 52.9 46.4 69.6



#32
 Benzoic acid
 Concen: 7.52 ng
 RT: 8.56 min Scan# 645
 Delta R.T. -0.06 min
 Lab File: BF078890.D
 Acq: 1 May 2015 14:03

Tgt Ion: 122 Resp: 3799
 Ion Ratio Lower Upper
 122 100
 105 132.3 107.1 147.1
 77 90.7 73.9 113.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF078890.D

Acq: 1 May 2015 14:03

Instrument :

BNA_F

ClientSampleId :

FS-032

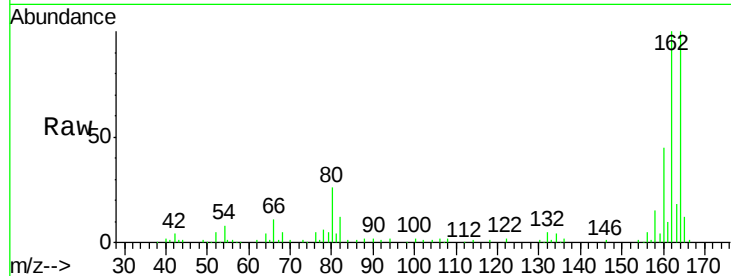
Tgt Ion:164 Resp: 141419

Ion Ratio Lower Upper

164 100

162 99.9 82.7 124.1

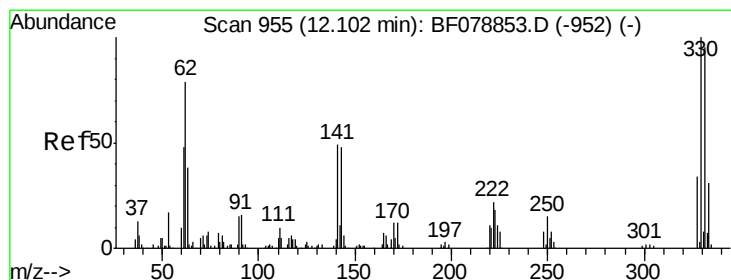
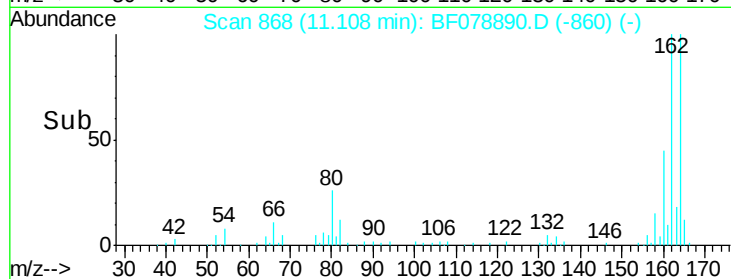
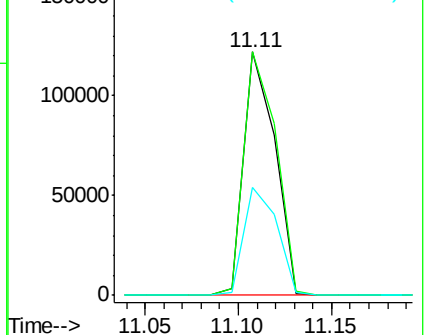
160 44.5 35.8 53.8



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: 99.72 ng

RT: 12.09 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF078890.D

Acq: 1 May 2015 14:03

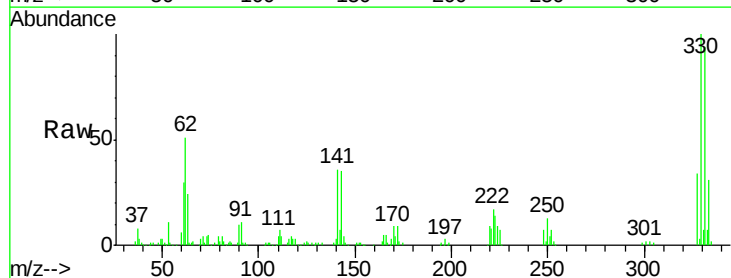
Tgt Ion:330 Resp: 152565

Ion Ratio Lower Upper

330 100

332 95.3 0.0 0.0#

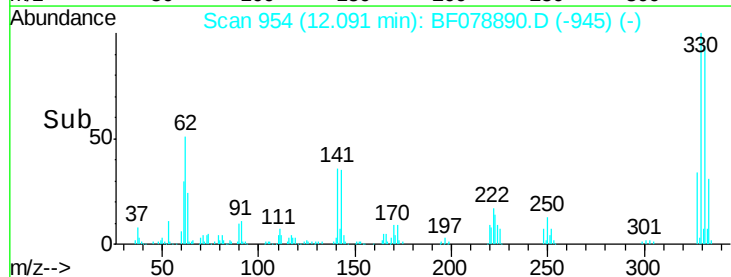
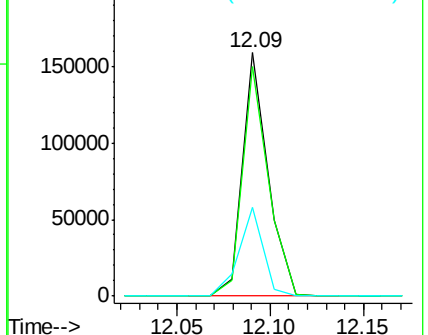
141 34.7 0.0 0.0#

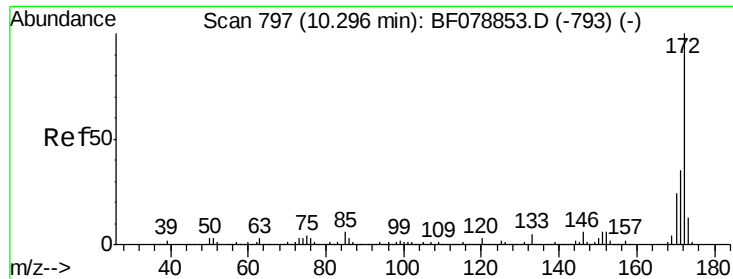


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

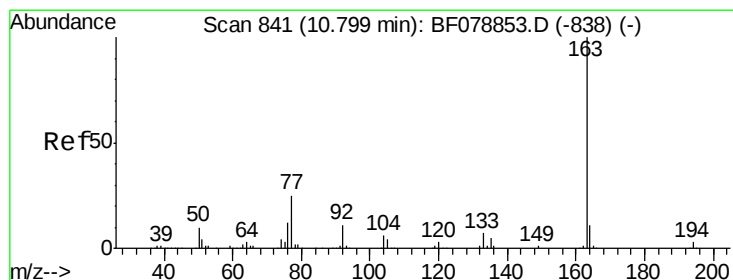
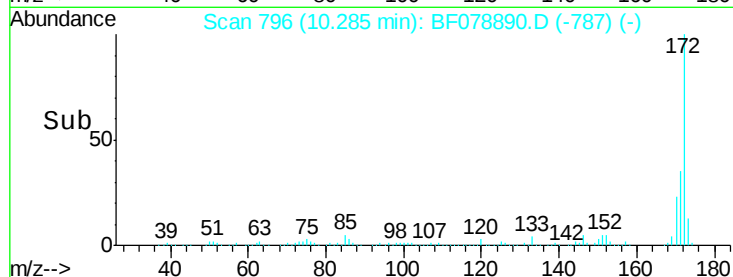
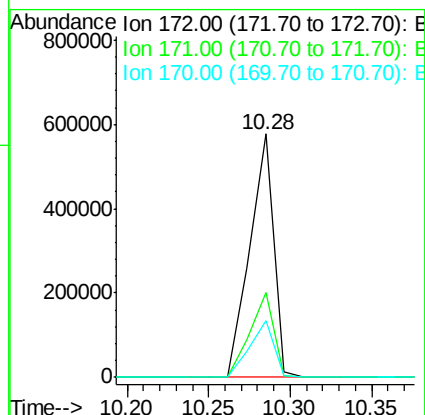
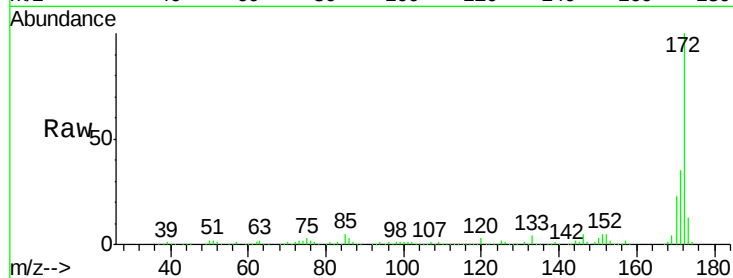




#44
2-Fluorobiphenyl
Concen: 57.79 ng
RT: 10.28 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF078890.D
Acq: 1 May 2015 14:03

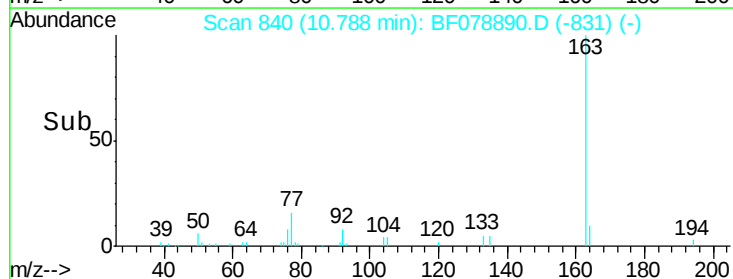
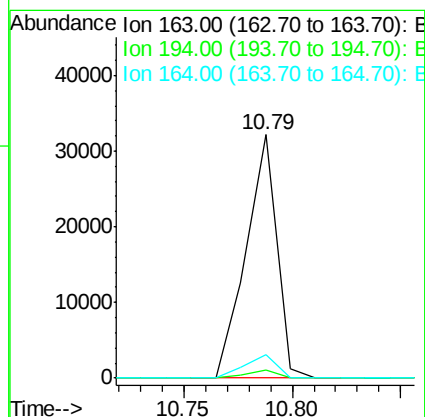
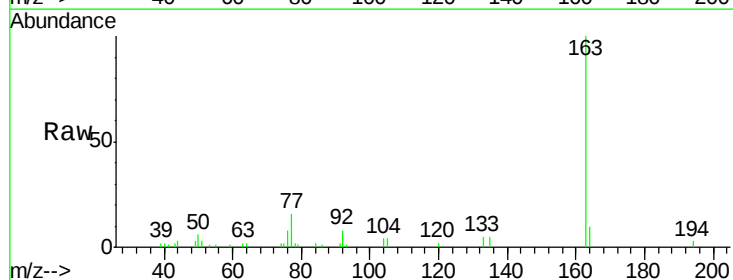
Instrument :
BNA_F
ClientSampleId :
FS-032

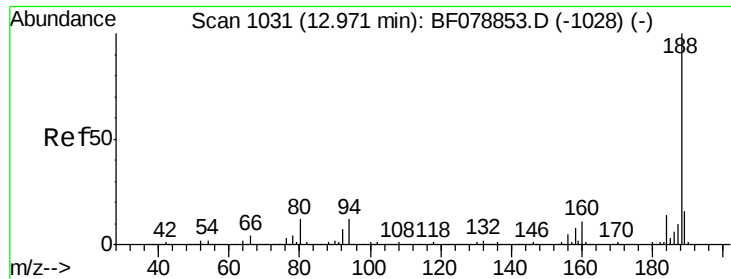
Tgt Ion:172 Resp: 586634
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.5 19.4 29.0



#49
Dimethylphthalate
Concen: 3.04 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF078890.D
Acq: 1 May 2015 14:03

Tgt Ion:163 Resp: 31531
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.8 8.1 12.1

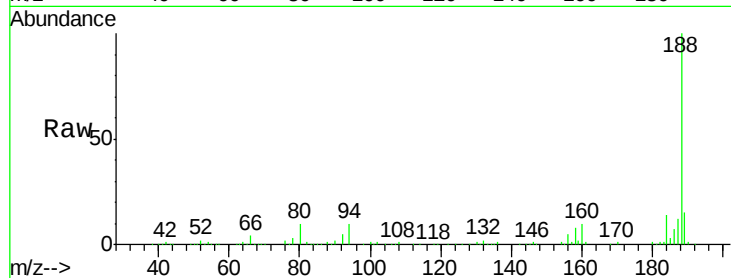




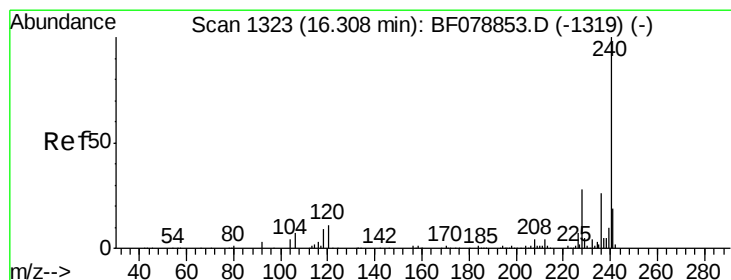
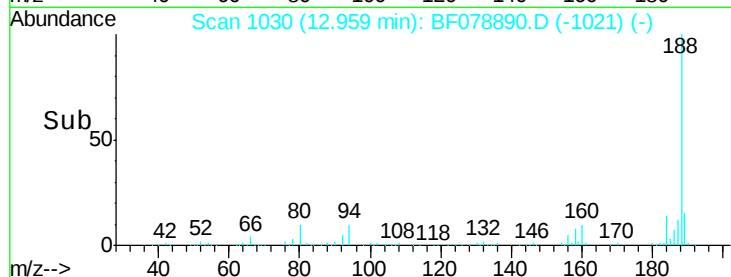
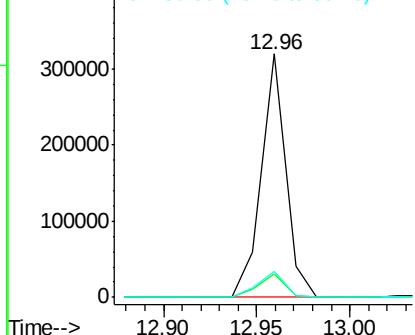
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078890.D
Acq: 1 May 2015 14:03

Instrument :
BNA_F
ClientSampleId :
FS-032

Tgt Ion:188 Resp: 288762
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.4 8.9 13.3

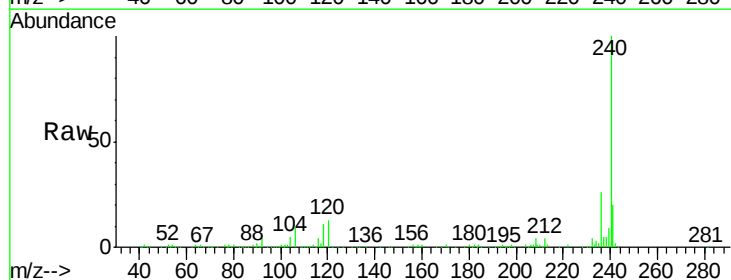


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

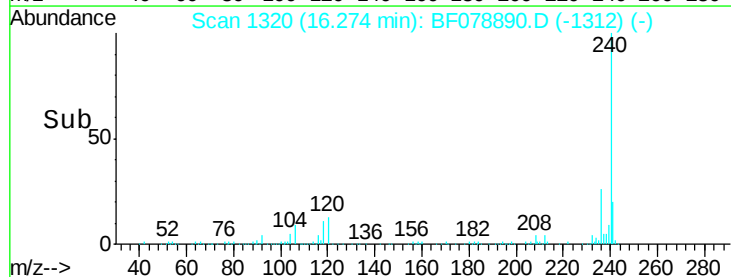
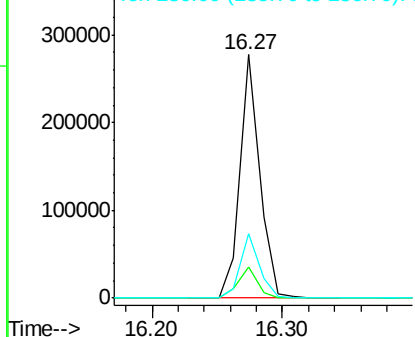


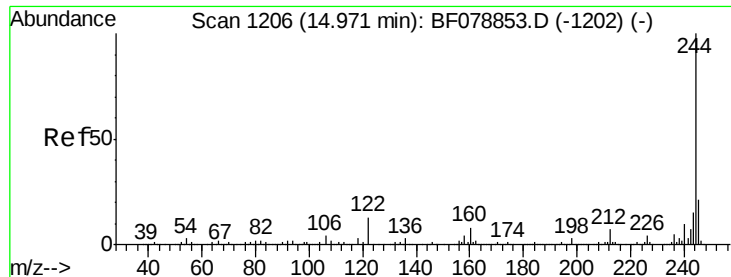
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF078890.D
Acq: 1 May 2015 14:03

Tgt Ion:240 Resp: 291605
Ion Ratio Lower Upper
240 100
120 13.0 9.7 14.5
236 26.3 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

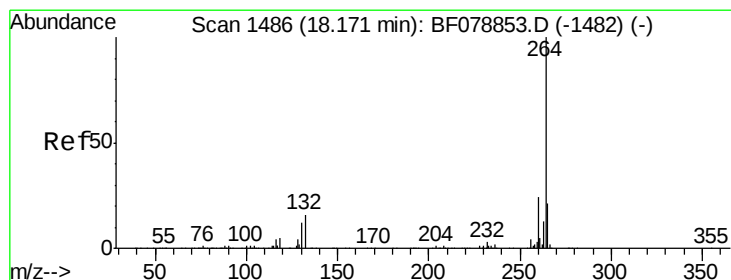
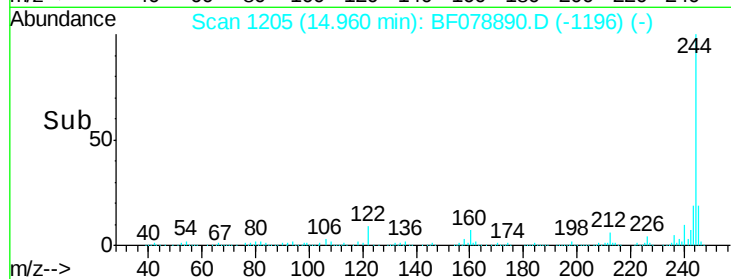
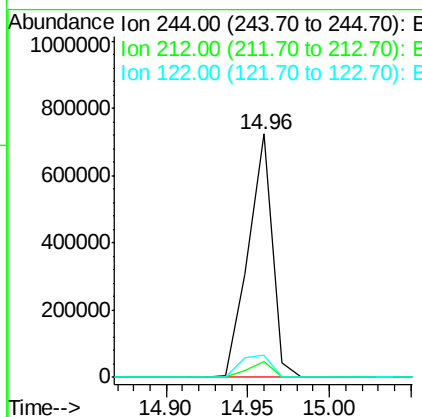
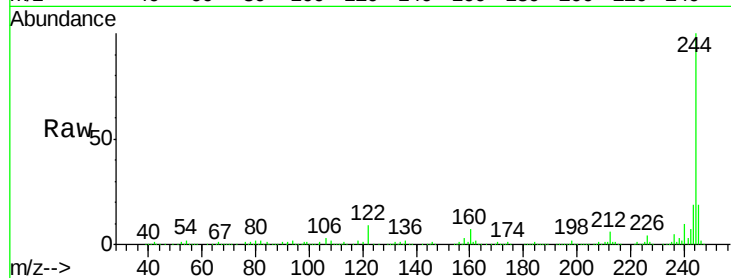




#78
 Terphenyl-d14
 Concen: 60.75 ng
 RT: 14.96 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF078890.D
 Acq: 1 May 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 FS-032

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	9.2	10.3	15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.13 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF078890.D
 Acq: 1 May 2015 14:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.3	18.3	27.5

