

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033115\
 Data File : BF078141.D
 Acq On : 1 Apr 2015 5:58
 Operator : TP/IZ
 Sample : G1704-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-12(0-10)

Quant Time: Apr 01 05:46:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

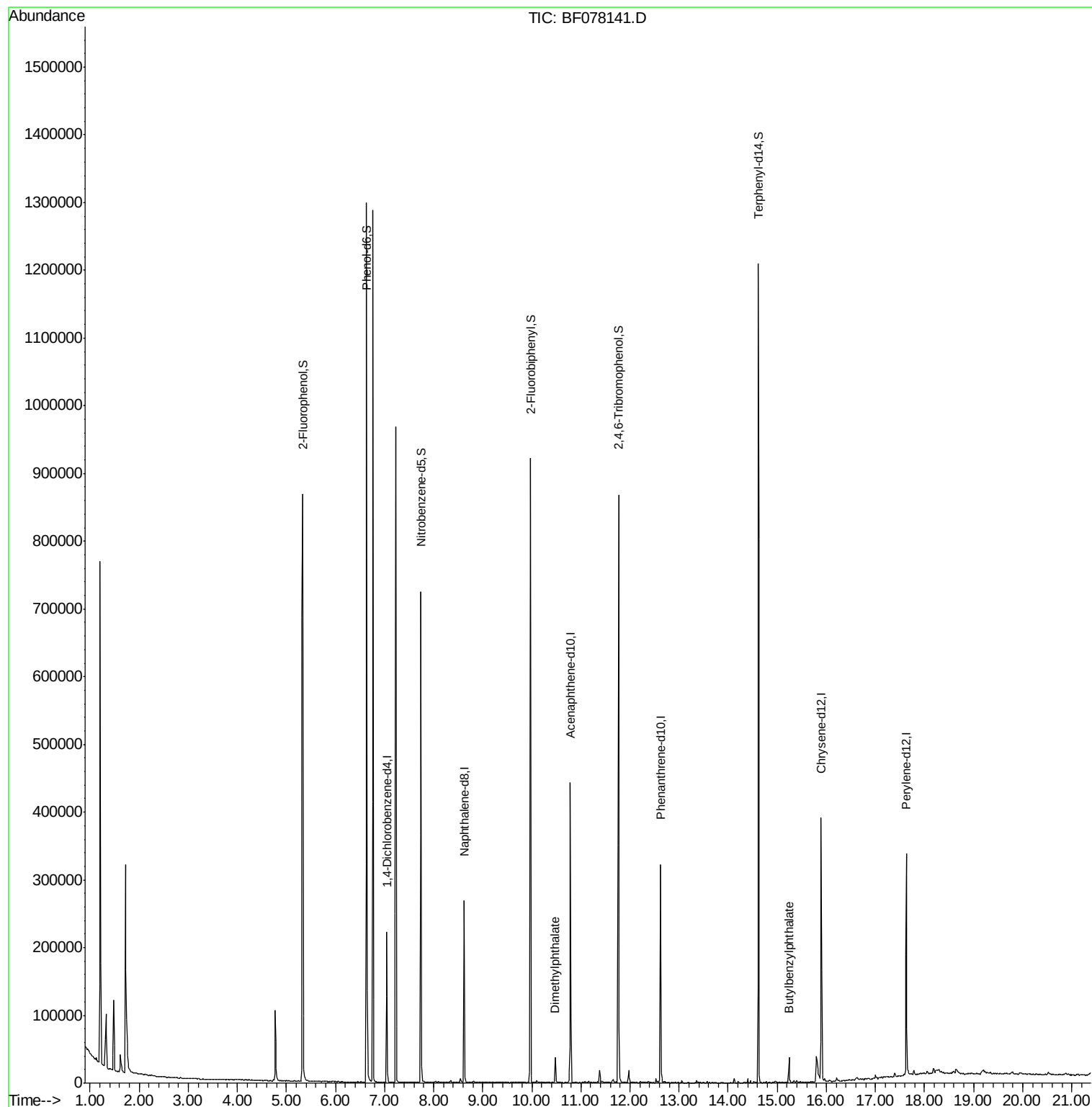
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	43319	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	177006	20.00	ng	0.00
38) Acenaphthene-d10	10.78	164	90126	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	175126	20.00	ng	0.00
75) Chrysene-d12	15.89	240	161844	20.00	ng	0.00
86) Perylene-d12	17.63	264	155166	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	360760	145.37	ng	0.00
7) Phenol-d6	6.64	99	470897	153.58	ng	0.00
23) Nitrobenzene-d5	7.74	82	271155	100.42	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	108373	125.68	ng	0.00
44) 2-Fluorobiphenyl	9.97	172	443031	72.24	ng	0.00
78) Terphenyl-d14	14.61	244	536619	80.99	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.48	163	16898	2.53	ng	99
76) Benzidine	14.32	184	1001	Below Cal	#	68
79) Butylbenzylphthalate	15.24	149	11097	2.77	ng	98

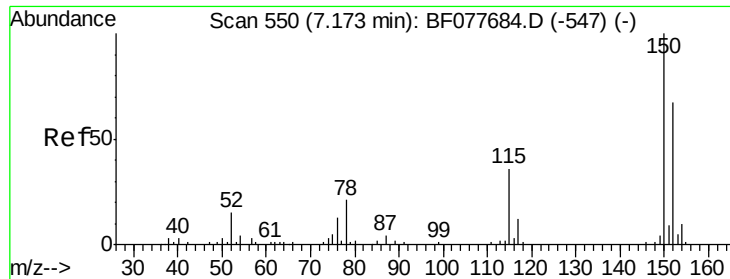
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 01 00:51:03 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF078141.D

Acq: 1 Apr 2015 5:58

Instrument :

BNA_F

ClientSampleId :

S-12(0-10)

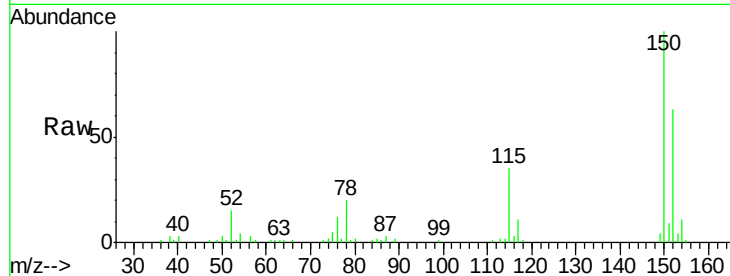
Tgt Ion:152 Resp: 43319

Ion Ratio Lower Upper

152 100

150 159.2 119.5 179.3

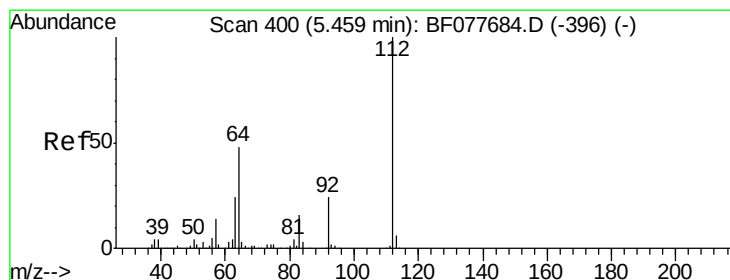
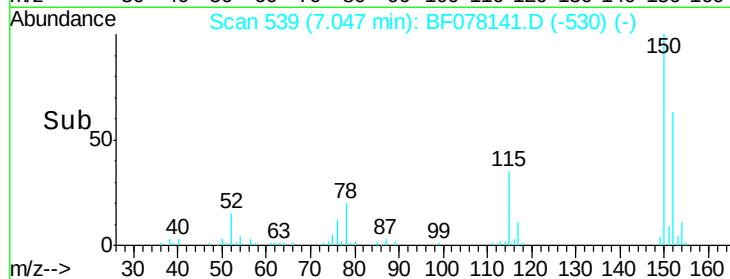
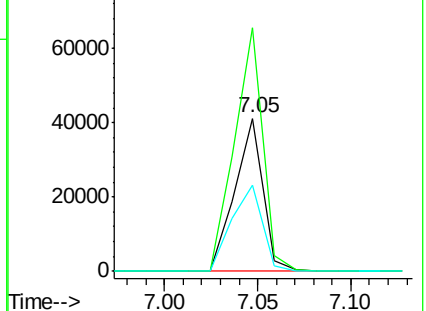
115 55.9 43.0 64.4



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: 145.37 ng

RT: 5.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF078141.D

Acq: 1 Apr 2015 5:58

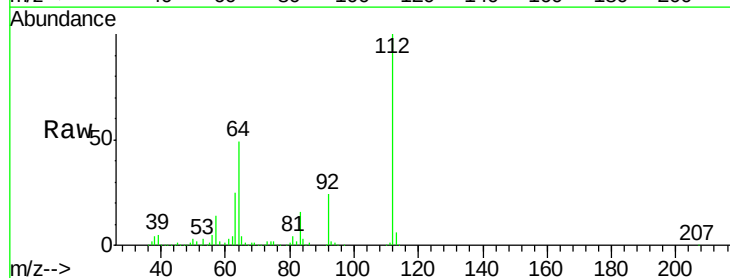
Tgt Ion:112 Resp: 360760

Ion Ratio Lower Upper

112 100

64 49.1 38.6 57.8

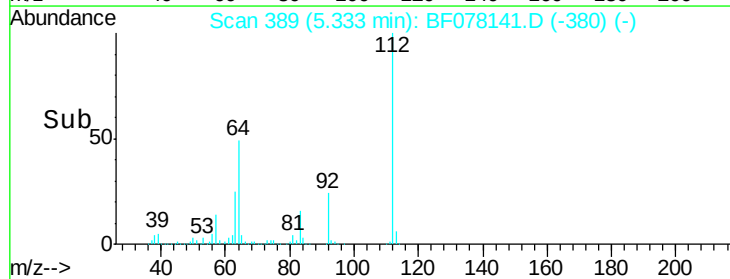
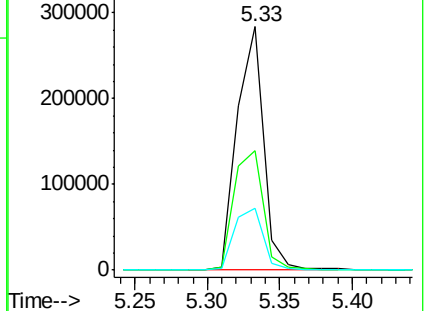
63 25.2 19.3 28.9

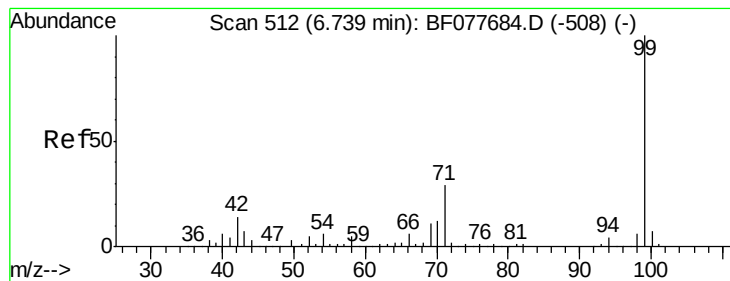


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 153.58 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078141.D

Acq: 1 Apr 2015 5:58

Instrument :

BNA_F

ClientSampleId :

S-12(0-10)

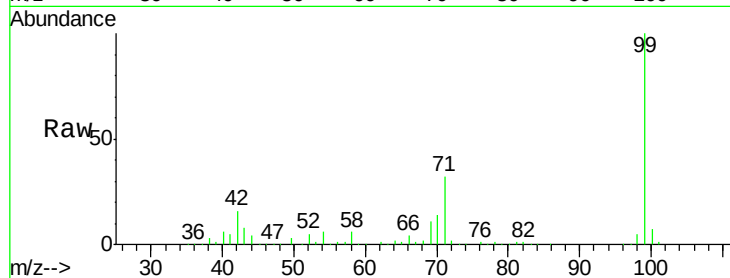
Tgt Ion: 99 Resp: 470897

Ion Ratio Lower Upper

99 100

42 16.2 11.0 16.4

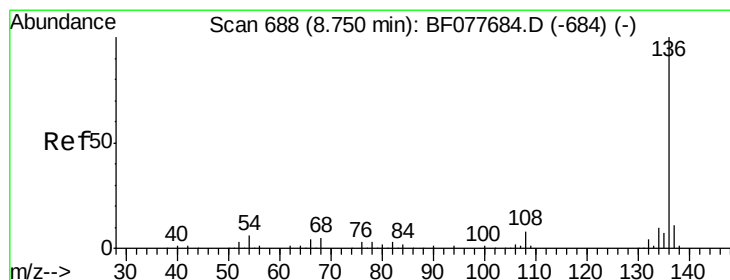
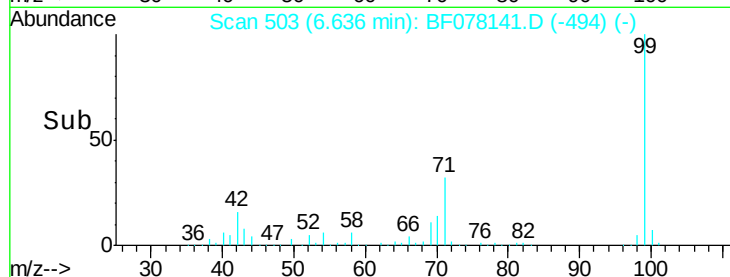
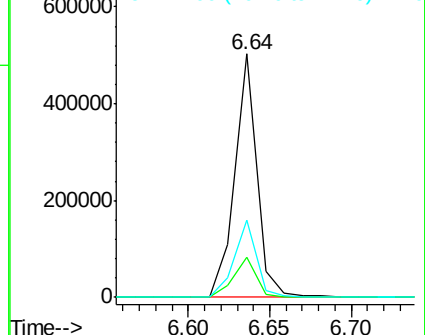
71 31.9 23.4 35.2



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: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078141.D

Acq: 1 Apr 2015 5:58

Tgt Ion: 136 Resp: 177006

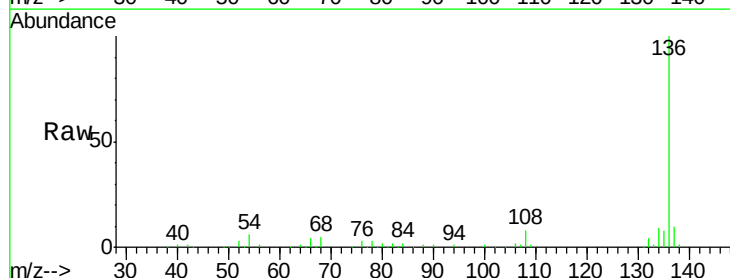
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.6 4.6 6.8

68 4.7 3.7 5.5

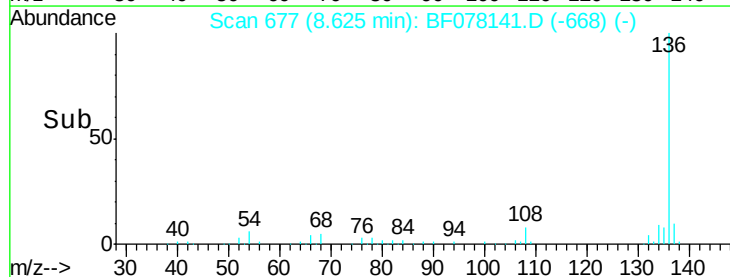
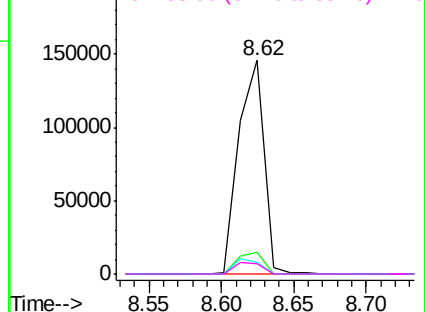


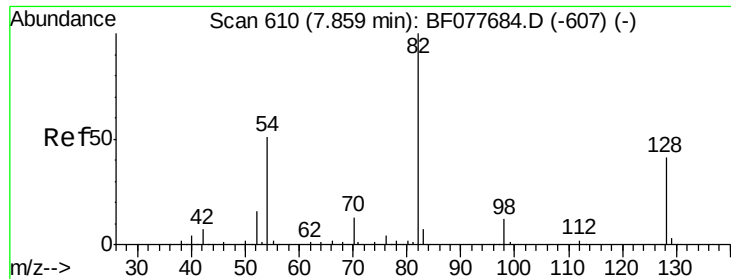
Abundance Ion 136.00 (135.70 to 136.70): E

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

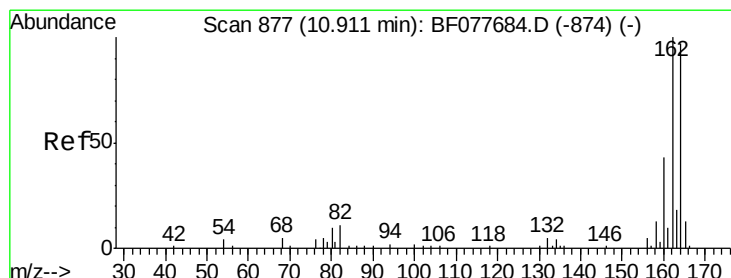
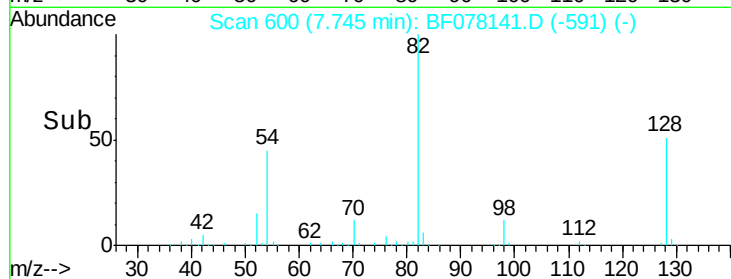
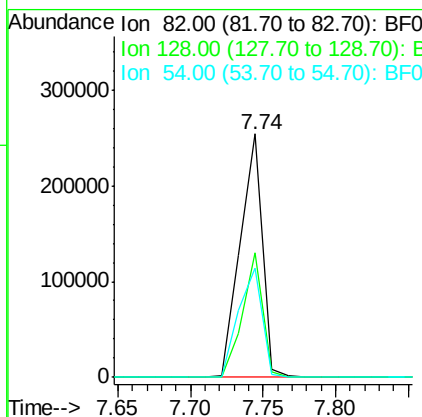
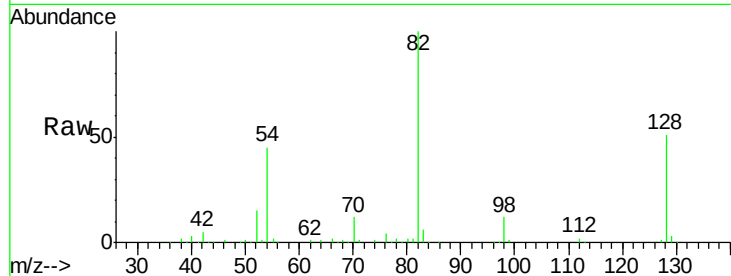




#23
 Nitrobenzene-d5
 Concen: 100.42 ng
 RT: 7.74 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078141.D
 Acq: 1 Apr 2015 5:58

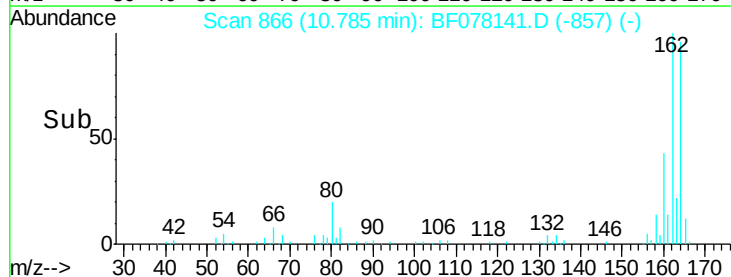
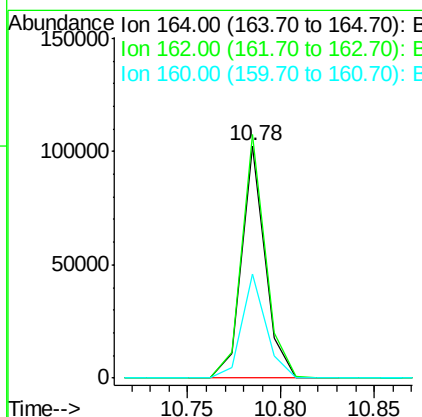
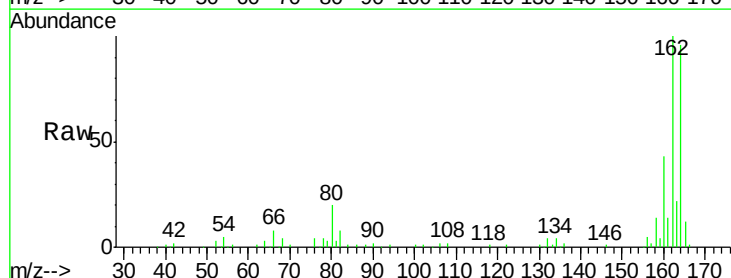
Instrument :
 BNA_F
 ClientSampleId :
 S-12(0-10)

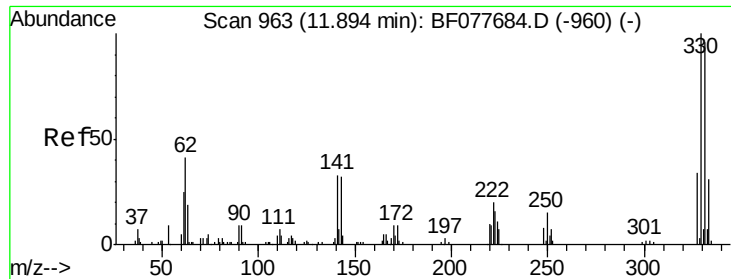
Tgt Ion: 82 Resp: 271155
 Ion Ratio Lower Upper
 82 100
 128 51.3 32.8 49.2#
 54 44.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.78 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: BF078141.D
 Acq: 1 Apr 2015 5:58

Tgt Ion: 164 Resp: 90126
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.4 123.6
 160 44.8 35.8 53.6

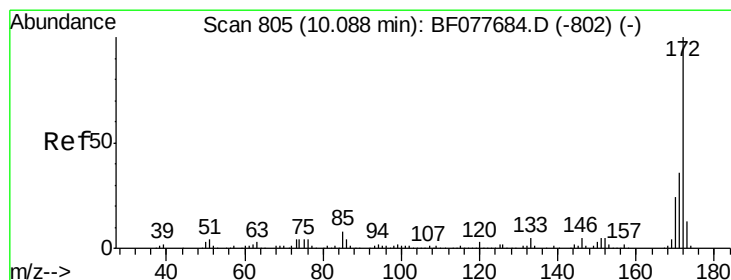
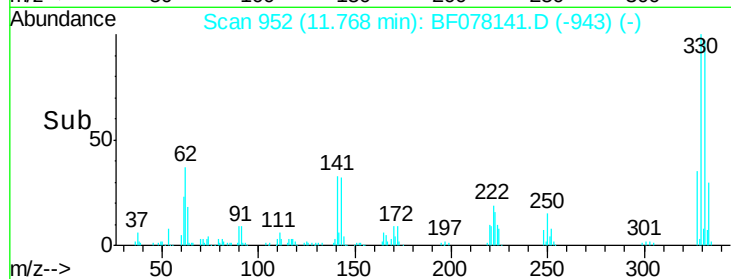
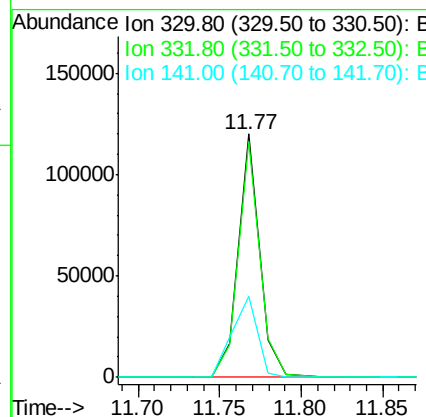
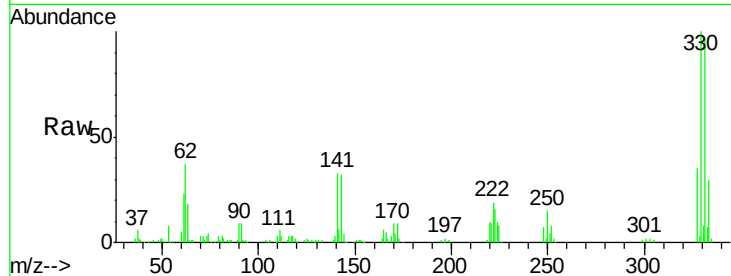




#41
 2,4,6-Tribromophenol
 Concen: 125.68 ng
 RT: 11.77 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF078141.D
 Acq: 1 Apr 2015 5:58

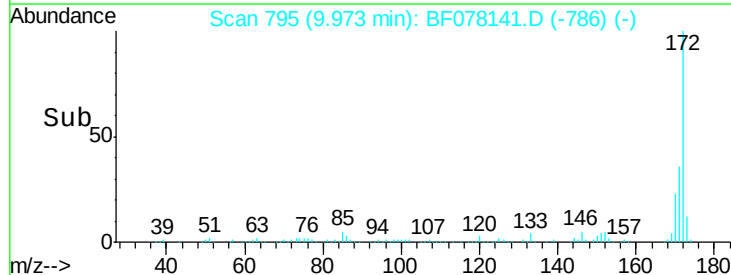
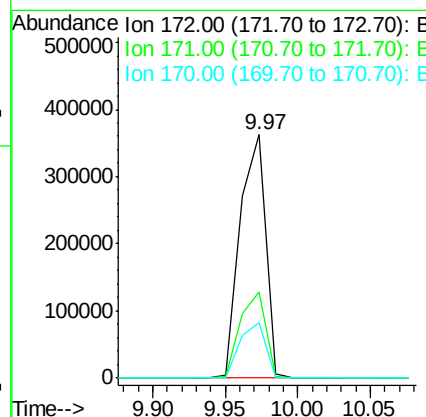
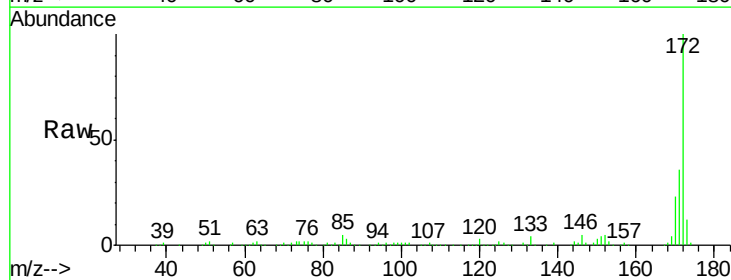
Instrument :
 BNA_F
 ClientSampleId :
 S-12(0-10)

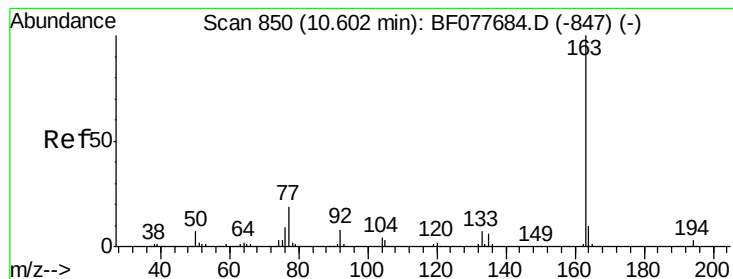
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	39.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 72.24 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF078141.D
 Acq: 1 Apr 2015 5:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.0	18.8	28.2





#49

Dimethylphthalate

Concen: 2.53 ng

RT: 10.48 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF078141.D

Acq: 1 Apr 2015 5:58

Instrument :

BNA_F

ClientSampleId :

S-12(0-10)

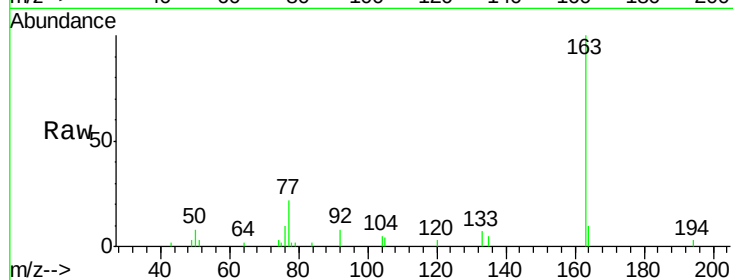
Tgt Ion:163 Resp: 16898

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

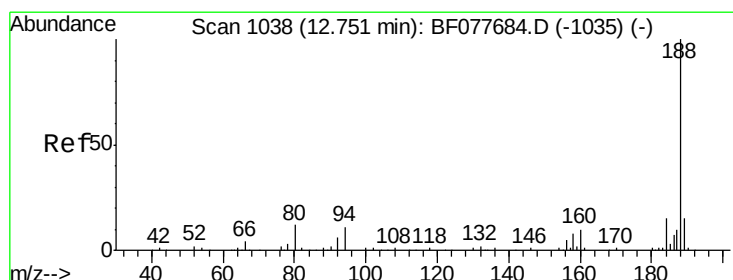
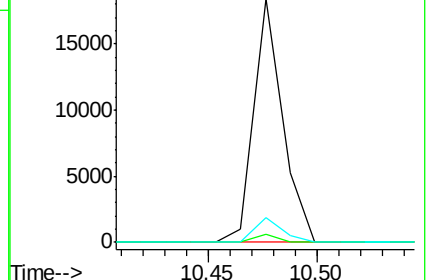
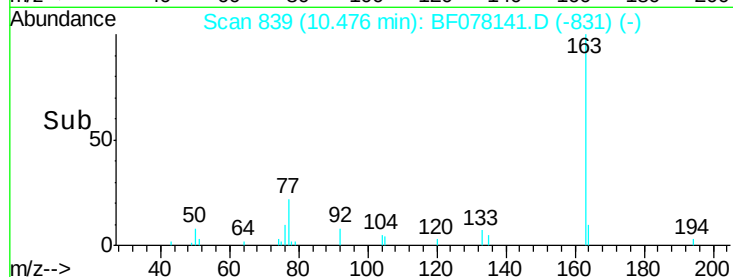
164 10.0 8.2 12.2



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: 12.63 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF078141.D

Acq: 1 Apr 2015 5:58

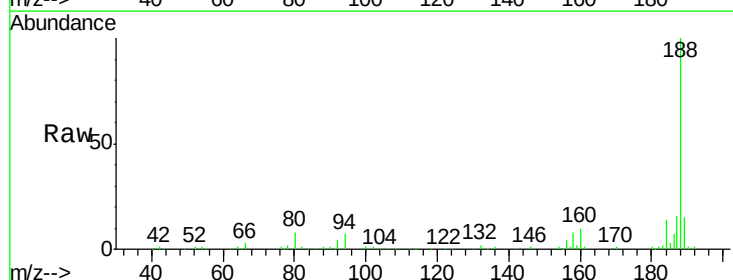
Tgt Ion:188 Resp: 175126

Ion Ratio Lower Upper

188 100

94 7.1 8.7 13.1#

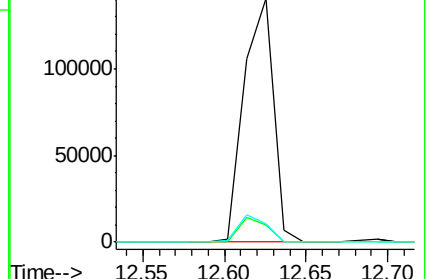
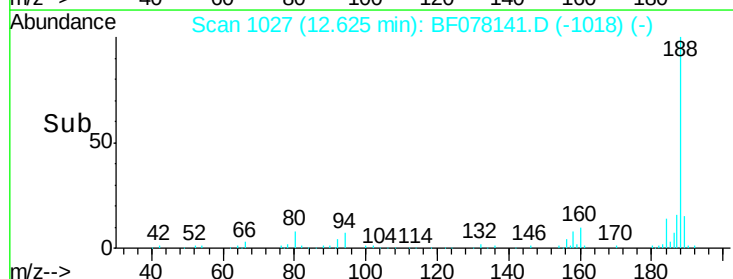
80 7.7 9.3 13.9#

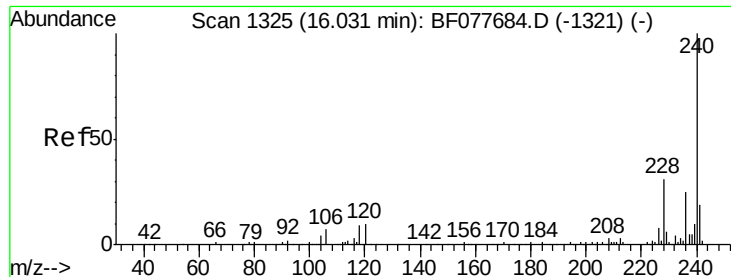


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

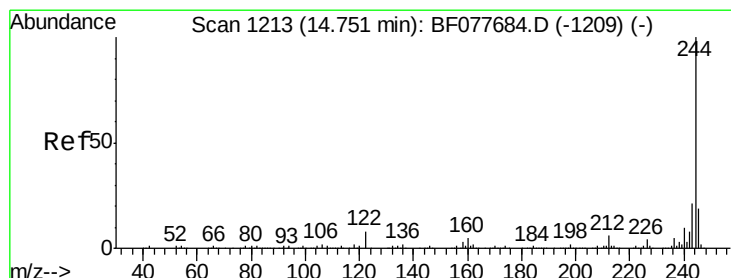
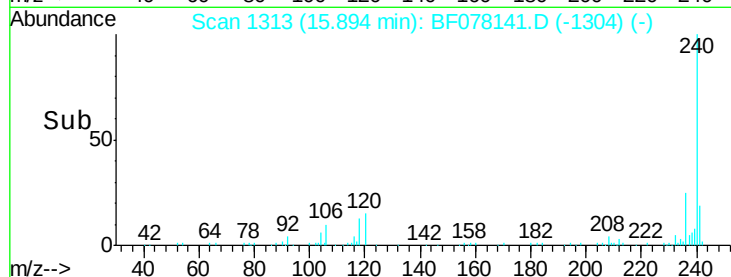
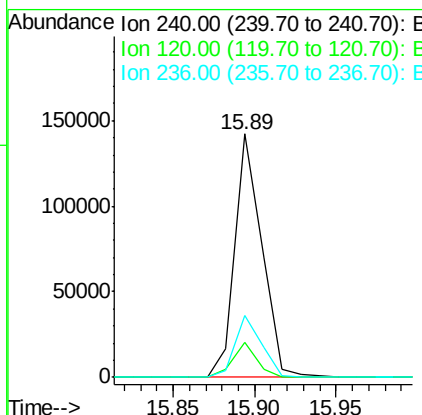
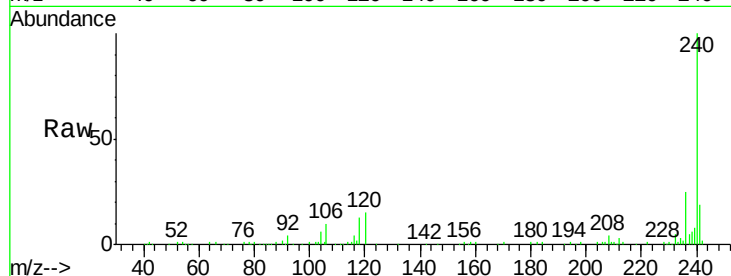




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.89 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF078141.D
Acq: 1 Apr 2015 5:58

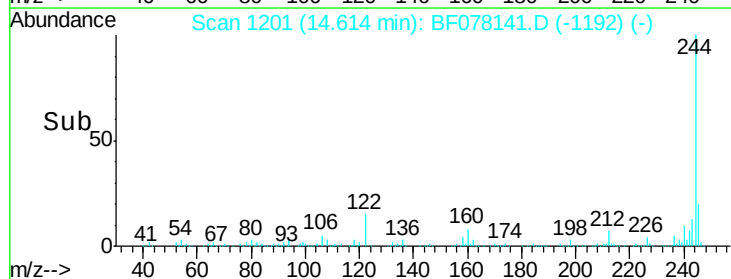
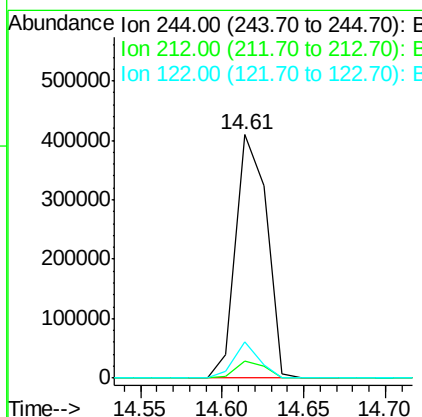
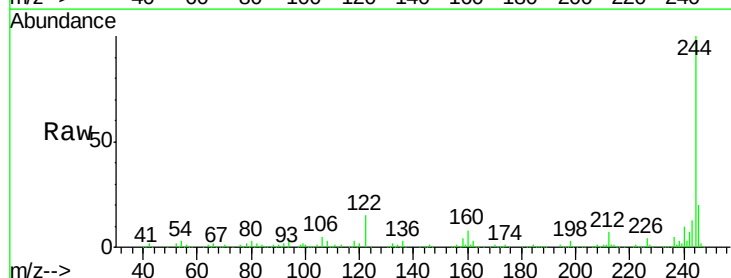
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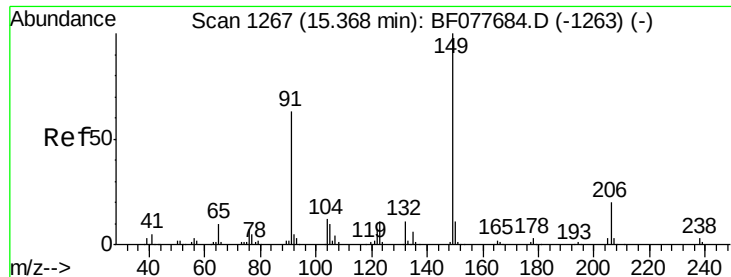
Tgt Ion:240 Resp: 161844
Ion Ratio Lower Upper
240 100
120 14.5 8.2 12.2#
236 25.3 20.0 30.0



#78
Terphenyl-d14
Concen: 80.99 ng
RT: 14.61 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF078141.D
Acq: 1 Apr 2015 5:58

Tgt Ion:244 Resp: 536619
Ion Ratio Lower Upper
244 100
212 6.9 4.9 7.3
122 15.1 6.2 9.4#

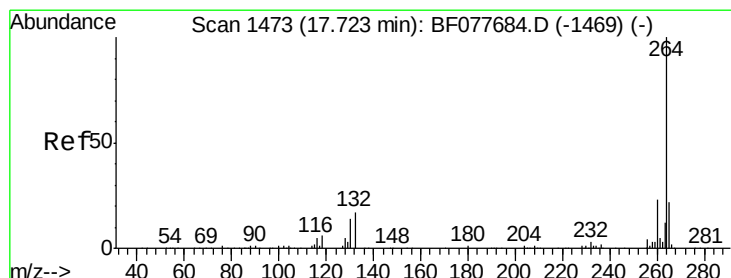
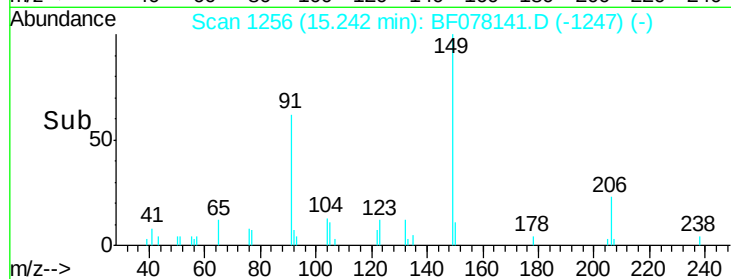
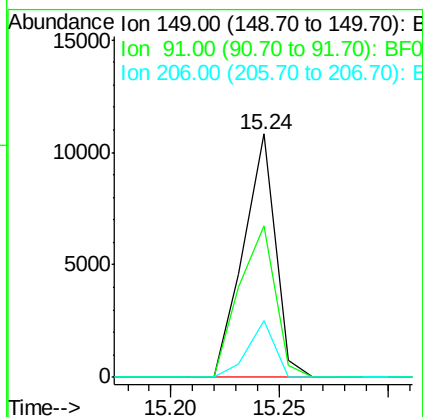
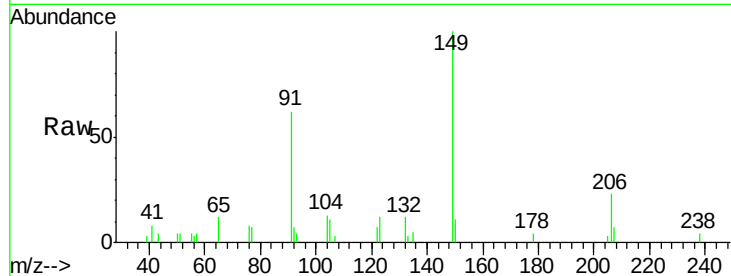




#79
Butylbenzylphthalate
Concen: 2.77 ng
RT: 15.24 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF078141.D
Acq: 1 Apr 2015 5:58

Instrument :
BNA_F
ClientSampleId :
S-12(0-10)

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.0	50.1	75.1
206	23.0	16.2	24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.63 min Scan# 1465
Delta R.T. 0.02 min
Lab File: BF078141.D
Acq: 1 Apr 2015 5:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.3	17.3	25.9

