

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083266.D
 Acq On : 25 Nov 2015 5:31
 Operator : UM/IZ
 Sample : G4426-03RE 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3RE

Quant Time: Nov 25 05:58:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

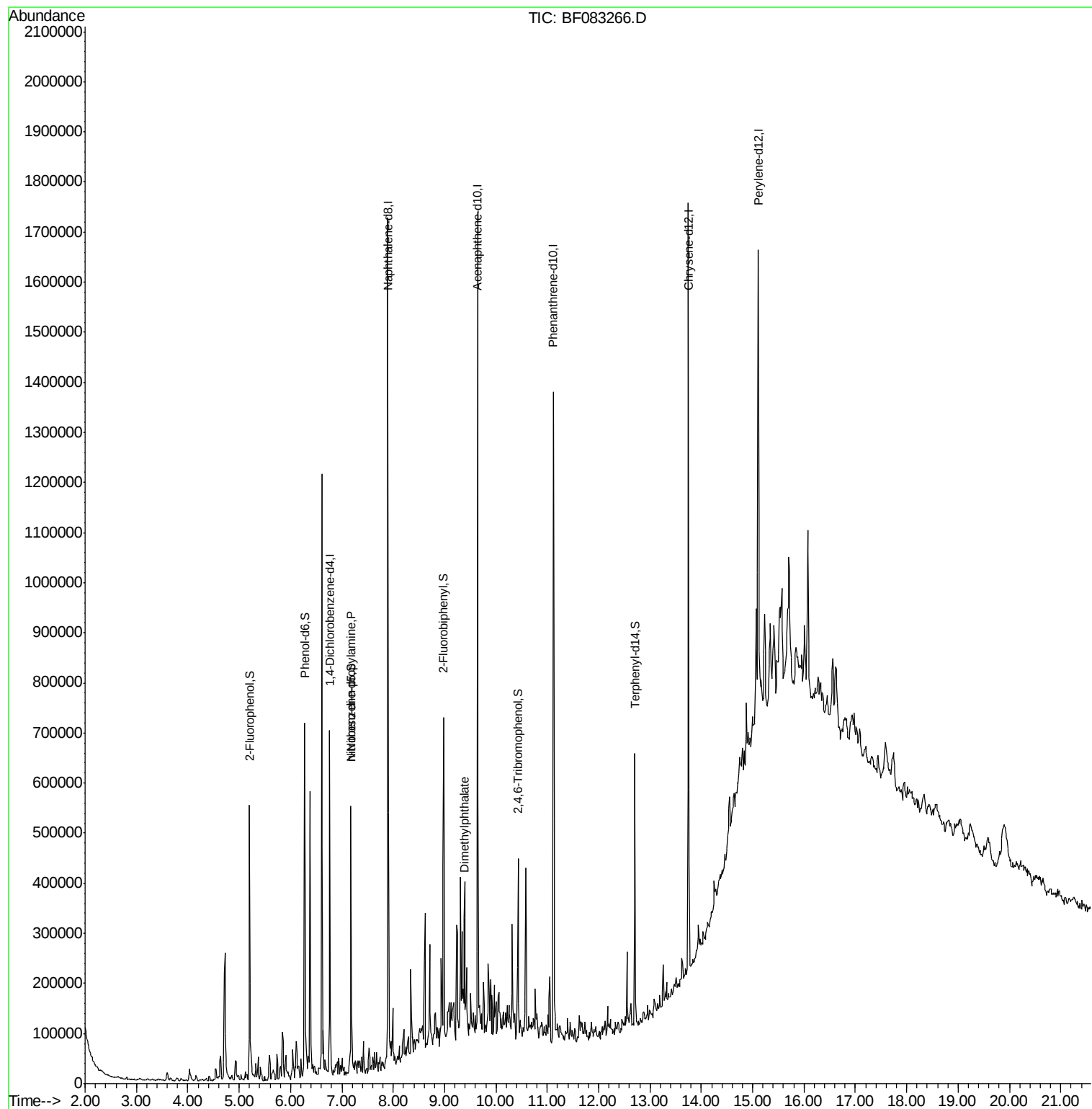
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	92950	20.00	ng	0.10
21) Naphthalene-d8	7.90	136	705631	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	309102	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	499614	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	524100	20.00	ng	-0.06
86) Perylene-d12	15.11	264	397247	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	192361	31.29	ng	-0.08
7) Phenol-d6	6.27	99	281792	35.42	ng	-0.07
23) Nitrobenzene-d5	7.18	82	181362	11.74	ng	-0.06
41) 2,4,6-Tribromophenol	10.43	330	37830	11.96	ng	-0.06
44) 2-Fluorobiphenyl	8.98	172	241686	10.90	ng	-0.05
78) Terphenyl-d14	12.71	244	180427	8.11	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.27	77	1025	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.18	70	28876	5.22 ng	#	80
49) Dimethylphthalate	9.38	163	71749	3.01 ng		98

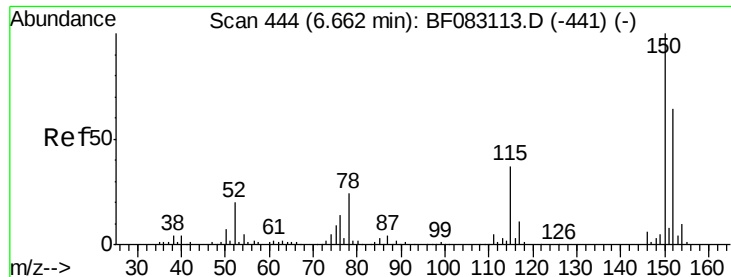
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 25 05:58:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 418

Delta R.T. 0.10 min

Lab File: BF083266.D

Acq: 25 Nov 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SB-3RE

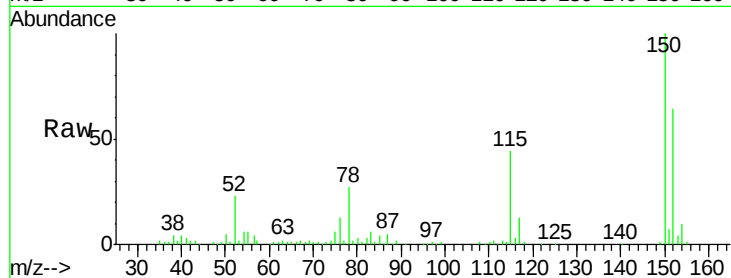
Tgt Ion:152 Resp: 92950

Ion Ratio Lower Upper

152 100

150 156.5 125.8 188.8

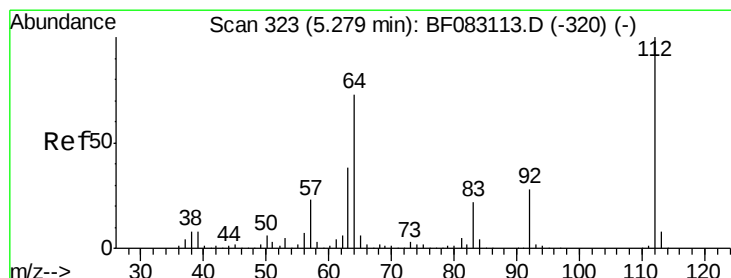
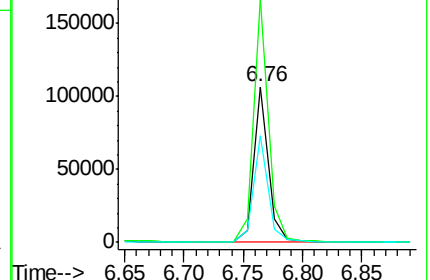
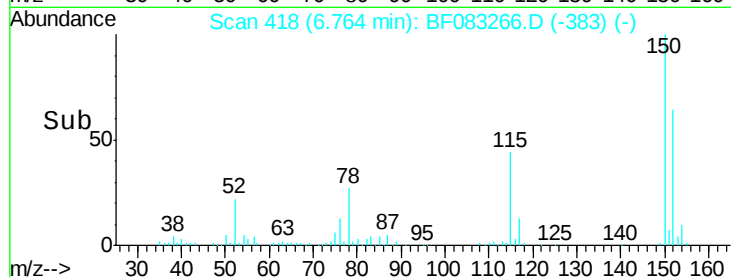
115 68.8 46.9 70.3



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: 31.29 ng

RT: 5.20 min Scan# 281

Delta R.T. -0.08 min

Lab File: BF083266.D

Acq: 25 Nov 2015 5:31

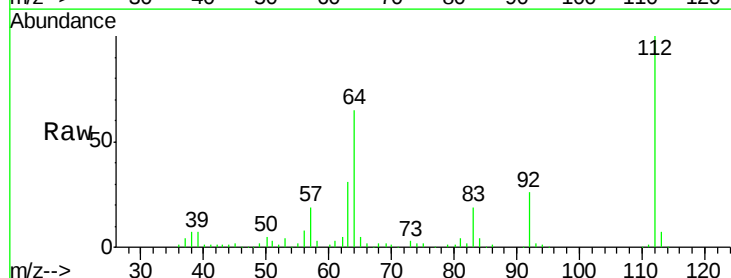
Tgt Ion:112 Resp: 192361

Ion Ratio Lower Upper

112 100

64 65.4 58.4 87.6

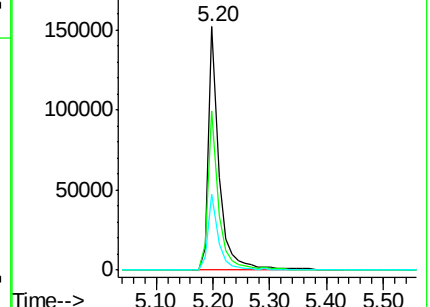
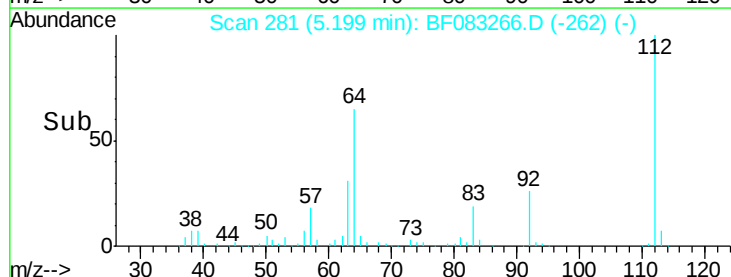
63 31.1 30.0 45.0

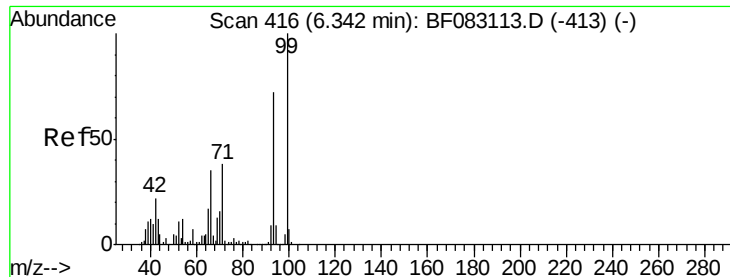


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.42 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083266.D

Acq: 25 Nov 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SB-3RE

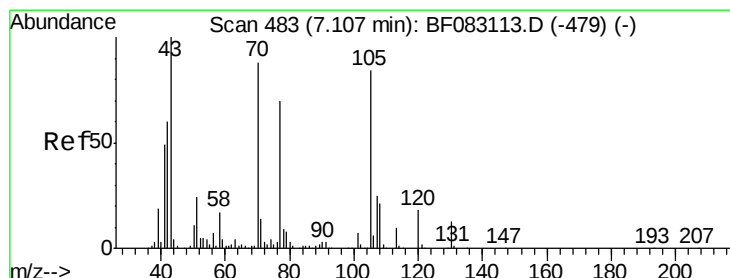
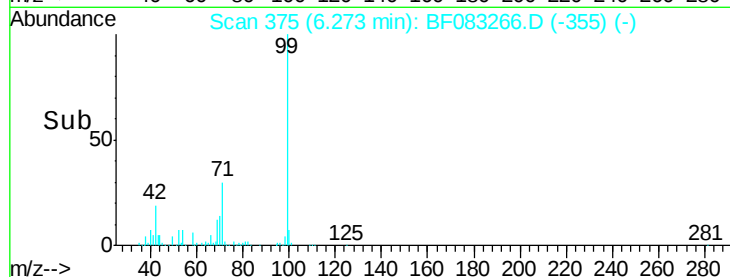
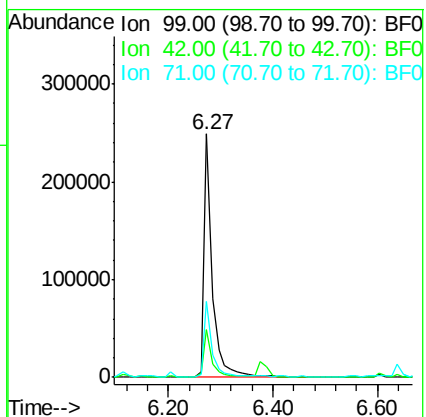
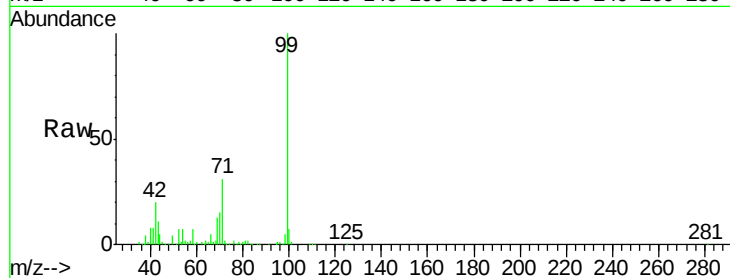
Tgt Ion: 99 Resp: 281792

Ion Ratio Lower Upper

99 100

42 19.7 17.7 26.5

71 31.3 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 5.22 ng

RT: 7.18 min Scan# 454

Delta R.T. 0.07 min

Lab File: BF083266.D

Acq: 25 Nov 2015 5:31

Tgt Ion: 70 Resp: 28876

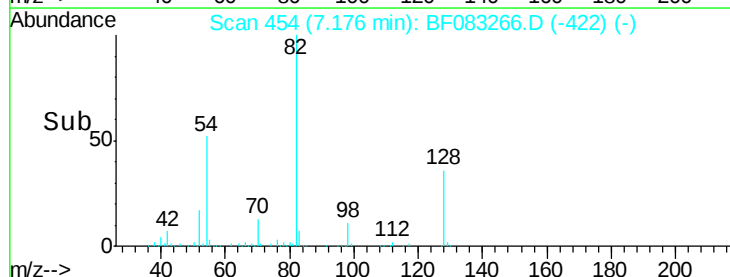
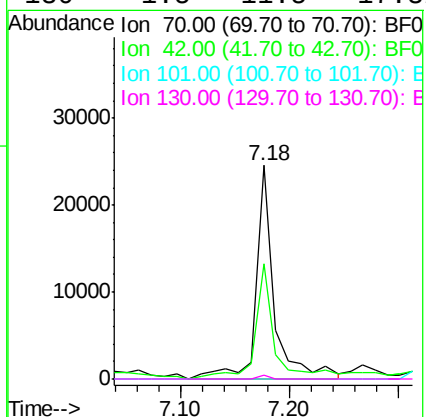
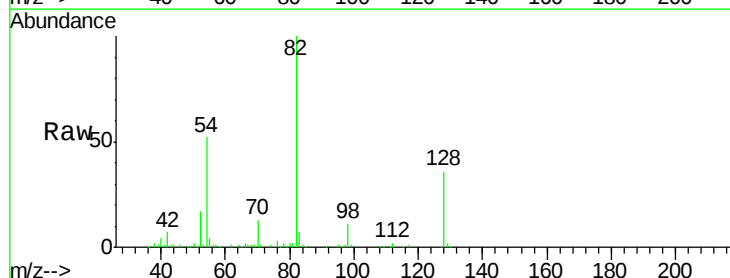
Ion Ratio Lower Upper

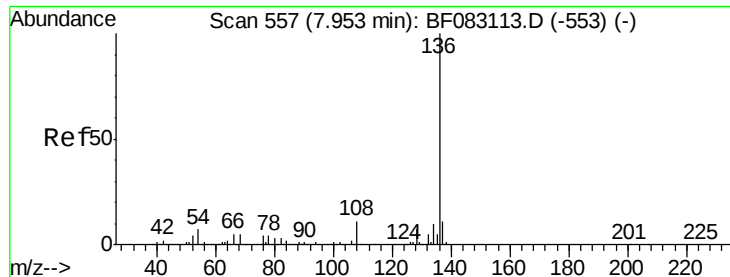
70 100

42 54.1 54.5 81.7#

101 0.0 6.6 9.8#

130 1.5 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.06 min

Lab File: BF083266.D

Acq: 25 Nov 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SB-3RE

Tgt Ion: 136 Resp: 705631

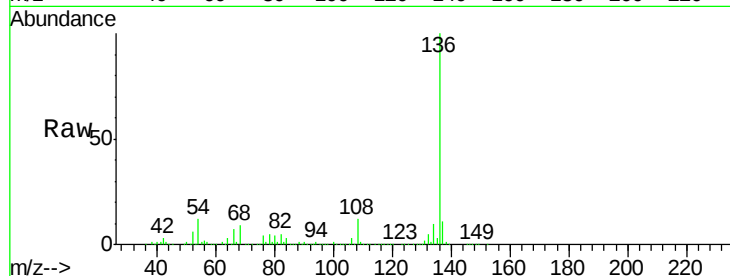
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 12.5 5.8 8.6#

68 8.7 3.8 5.8#

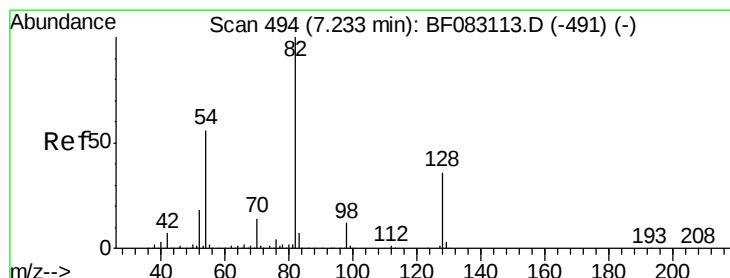
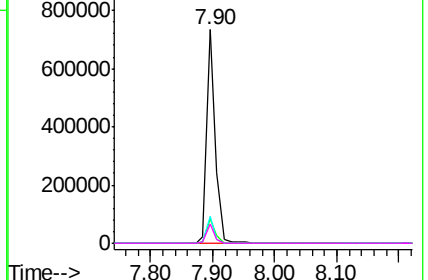
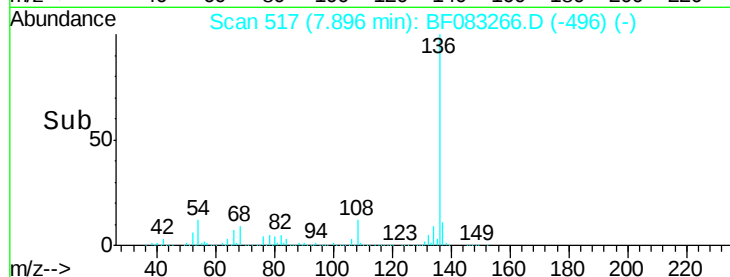


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.74 ng

RT: 7.18 min Scan# 454

Delta R.T. -0.06 min

Lab File: BF083266.D

Acq: 25 Nov 2015 5:31

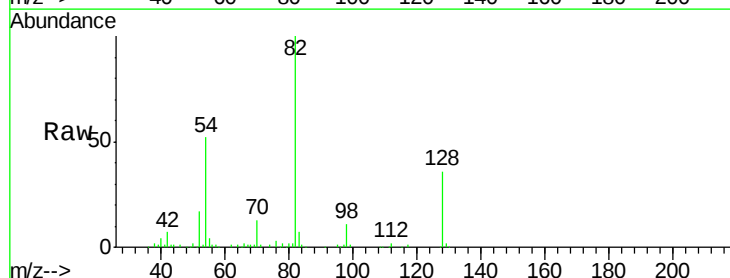
Tgt Ion: 82 Resp: 181362

Ion Ratio Lower Upper

82 100

128 36.1 28.5 42.7

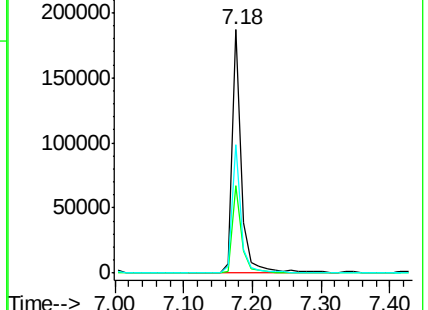
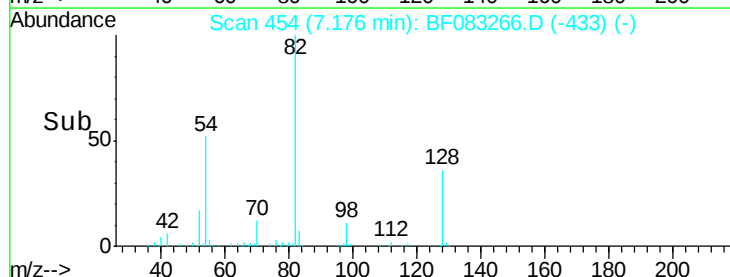
54 52.5 44.6 67.0

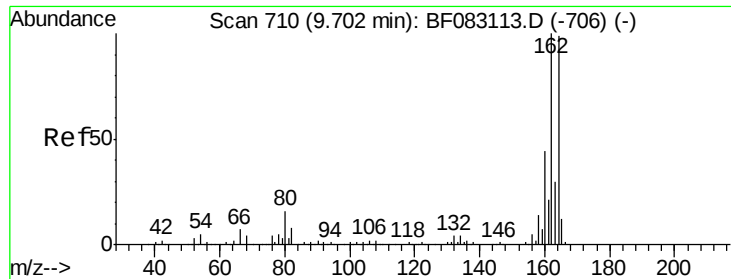


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

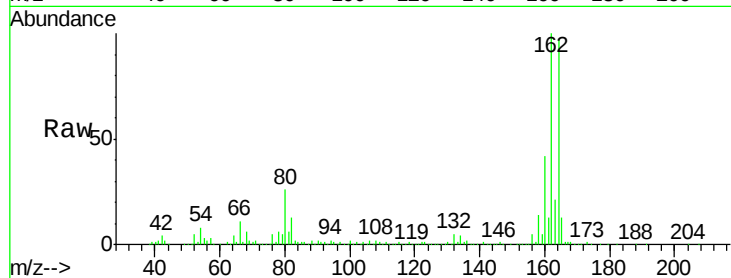




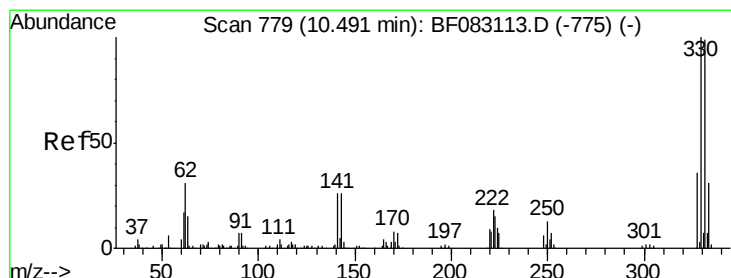
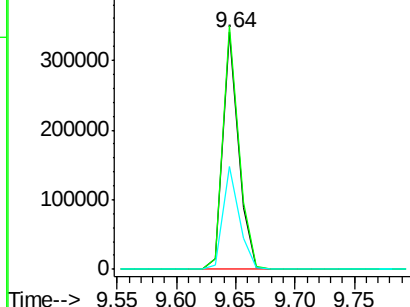
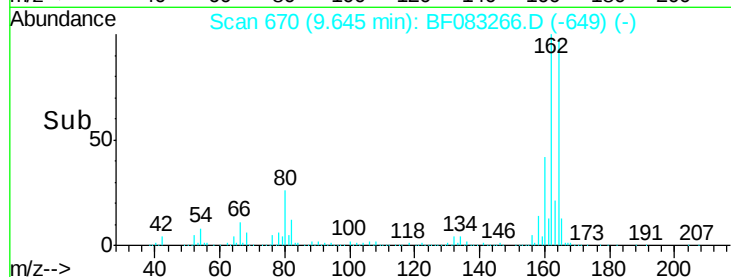
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 670
 Delta R.T. -0.06 min
 Lab File: BF083266.D
 Acq: 25 Nov 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-3RE

Tgt Ion:164 Resp: 309102
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.2 121.8
 160 43.3 35.6 53.4

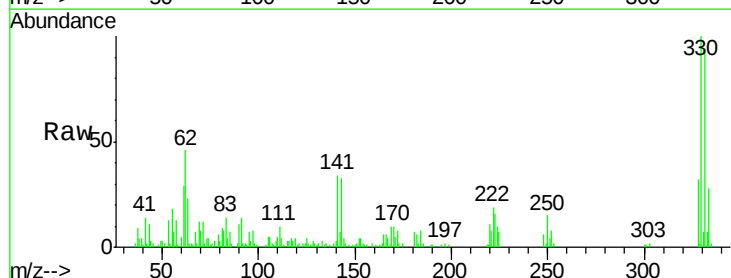


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

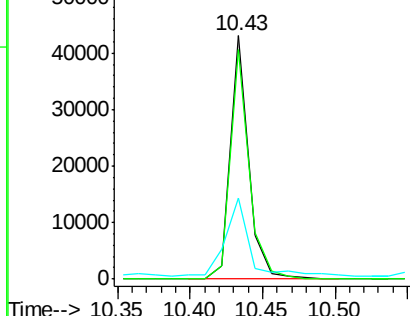
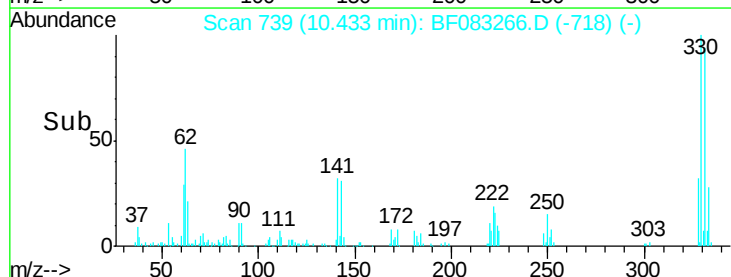


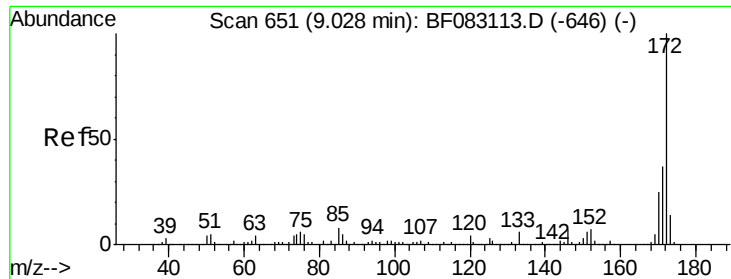
#41
 2,4,6-Tribromophenol
 Concen: 11.96 ng
 RT: 10.43 min Scan# 739
 Delta R.T. -0.06 min
 Lab File: BF083266.D
 Acq: 25 Nov 2015 5:31

Tgt Ion:330 Resp: 37830
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.7 116.5
 141 43.2 29.7 44.5



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

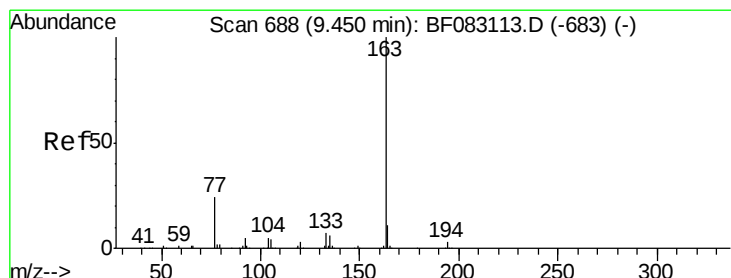
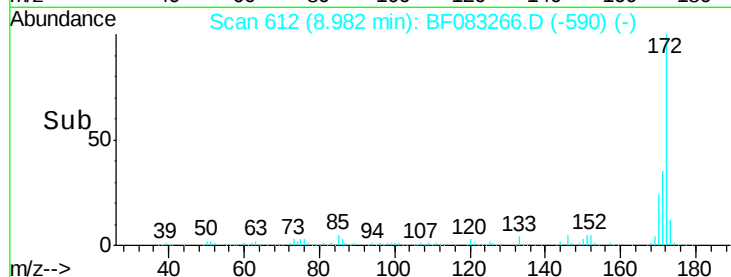
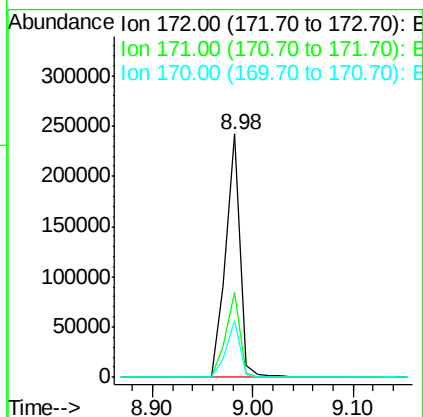
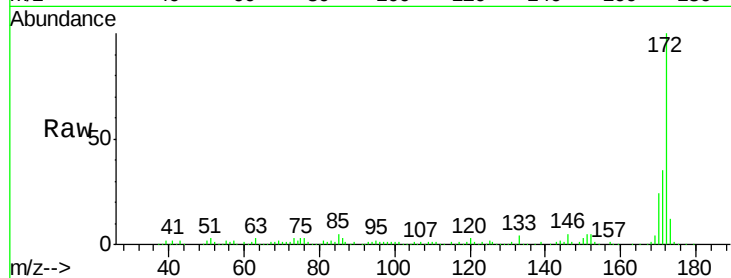




#44
 2-Fluorobiphenyl
 Concen: 10.90 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083266.D
 Acq: 25 Nov 2015 5:31

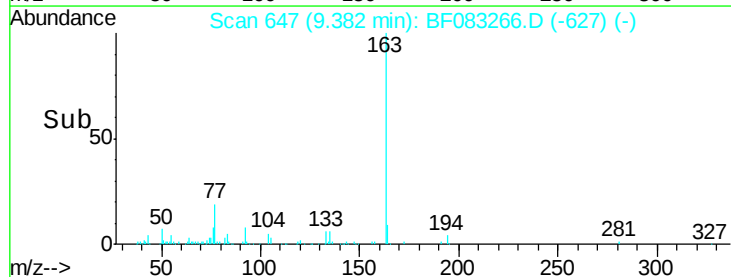
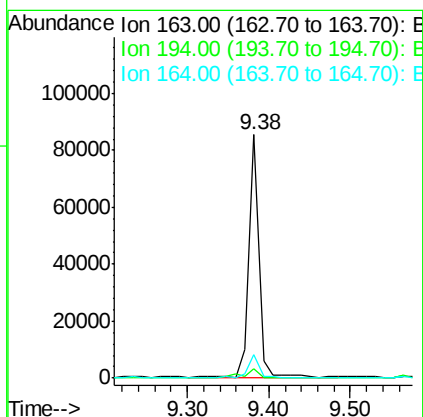
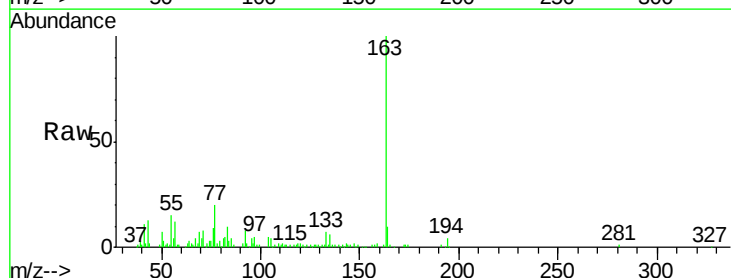
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 SB-3RE

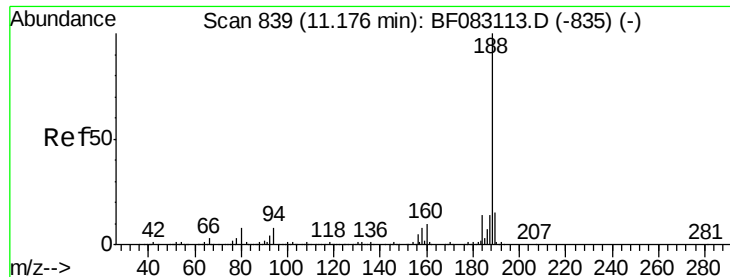
Tgt Ion:172 Resp: 241686
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.5 44.3
 170 23.6 19.9 29.9



#49
 Dimethylphthalate
 Concen: 3.01 ng
 RT: 9.38 min Scan# 647
 Delta R.T. -0.07 min
 Lab File: BF083266.D
 Acq: 25 Nov 2015 5:31

Tgt Ion:163 Resp: 71749
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 9.8 8.6 12.8

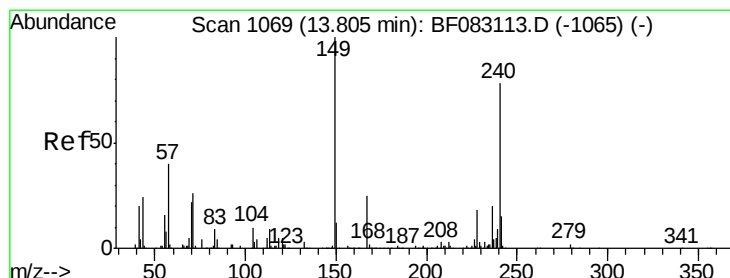
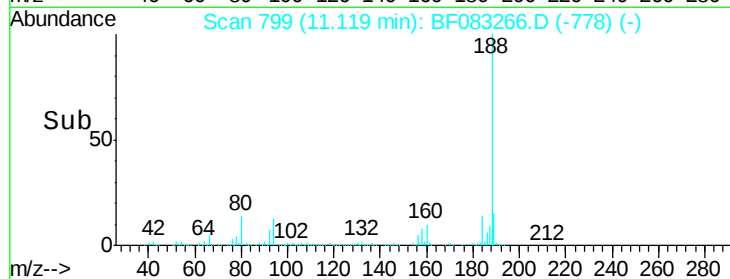
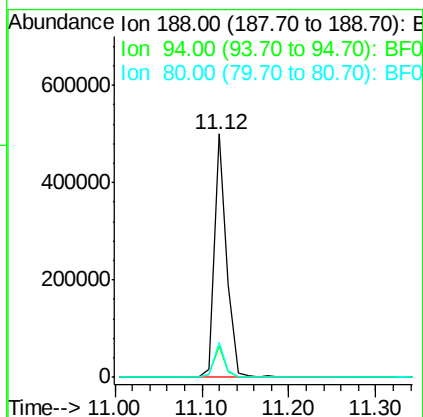
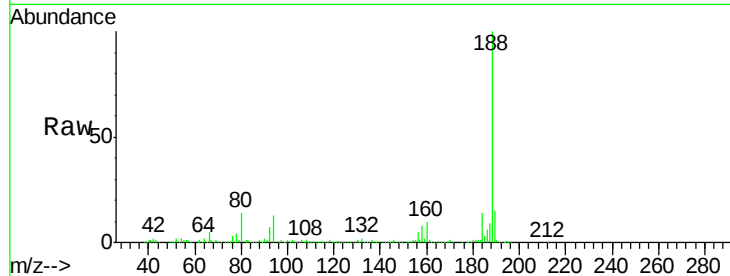




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 799
Delta R.T. -0.06 min
Lab File: BF083266.D
Acq: 25 Nov 2015 5:31

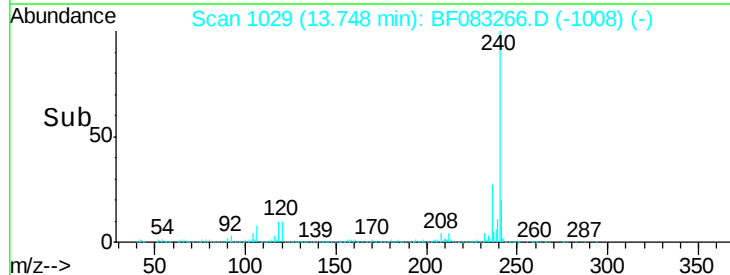
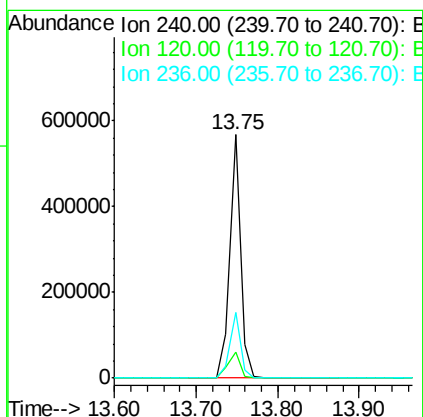
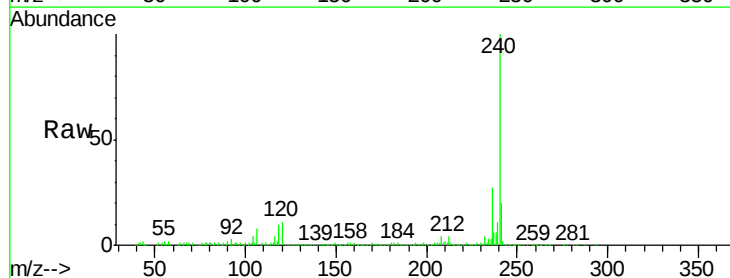
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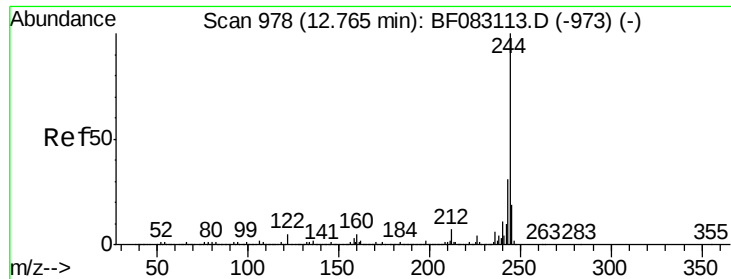
Tgt Ion:188 Resp: 499614
Ion Ratio Lower Upper
188 100
94 12.6 6.0 9.0#
80 14.4 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF083266.D
Acq: 25 Nov 2015 5:31

Tgt Ion:240 Resp: 524100
Ion Ratio Lower Upper
240 100
120 10.6 5.4 8.2#
236 27.0 20.6 31.0

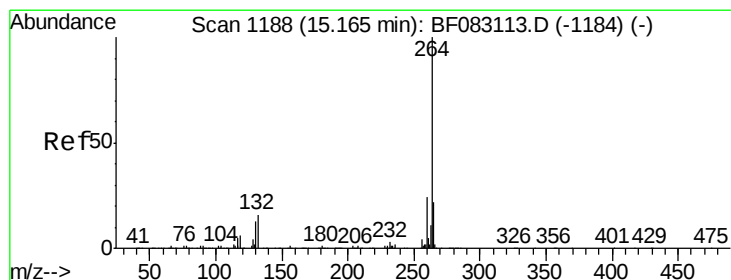
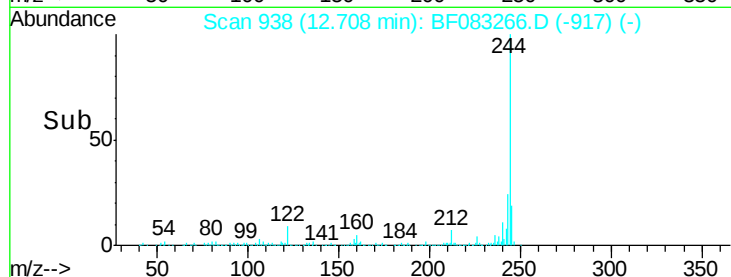
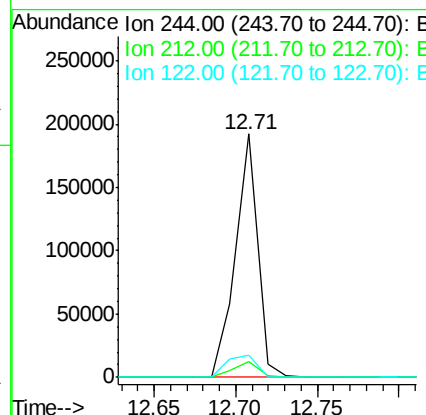
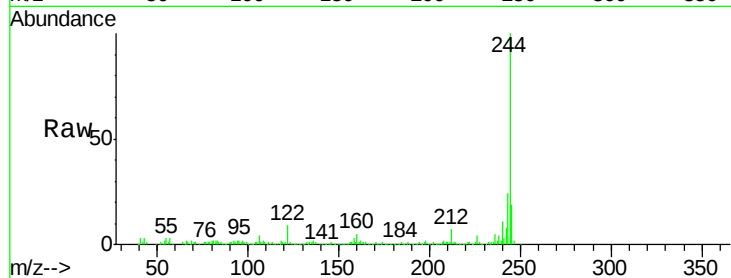




#78
 Terphenyl-d14
 Concen: 8.11 ng
 RT: 12.71 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF083266.D
 Acq: 25 Nov 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-3RE

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	9.2	4.3	6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1148
 Delta R.T. -0.06 min
 Lab File: BF083266.D
 Acq: 25 Nov 2015 5:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.1	18.2	27.4

