

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083511.D
 Acq On : 5 Dec 2015 13:28
 Operator : UM/IZ
 Sample : G4595-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP224BRV139

Quant Time: Dec 07 00:19:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

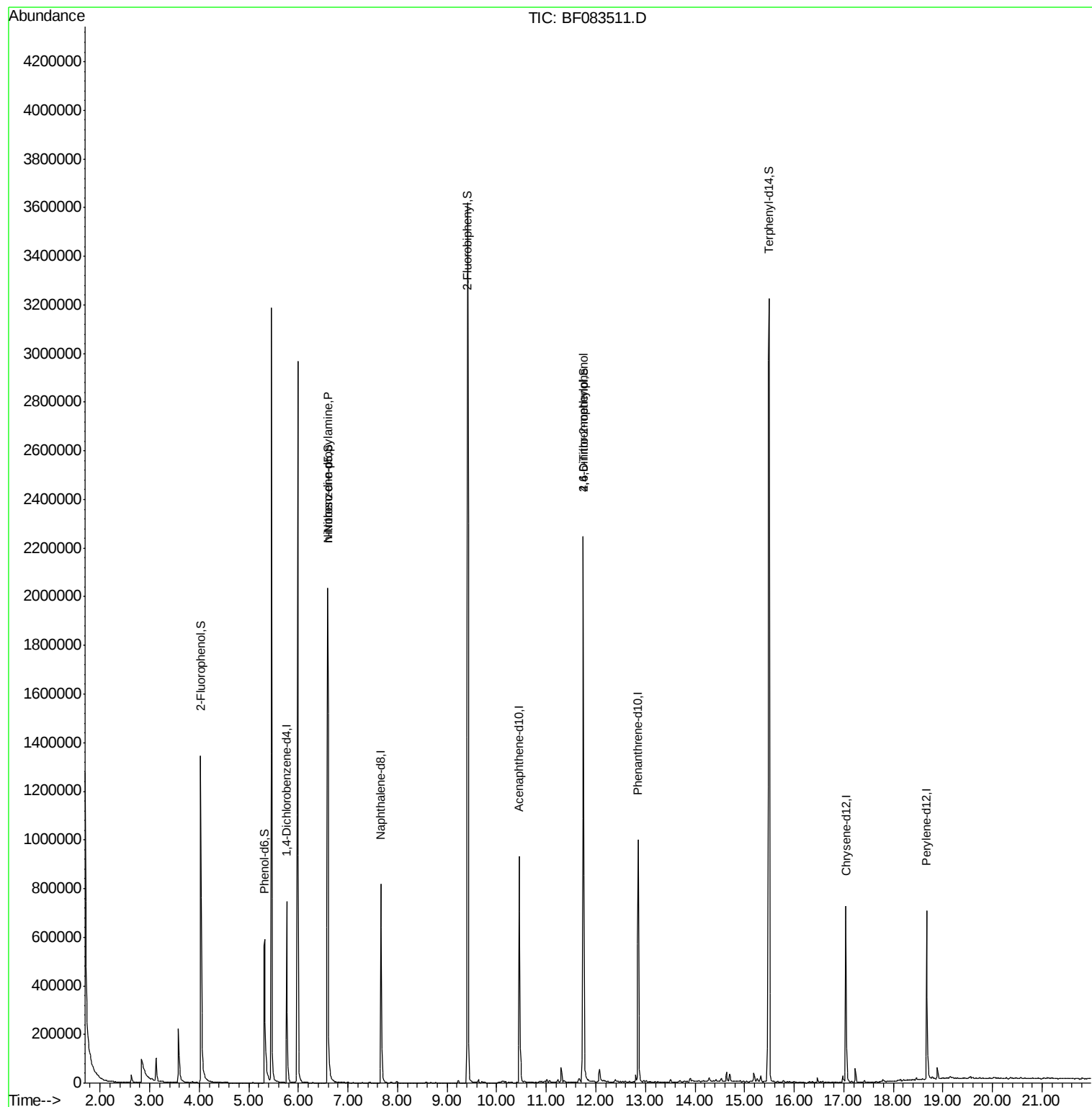
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	146144	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	575275	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	285615	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	529687	20.00	ng	0.00
75) Chrysene-d12	17.05	240	420346	20.00	ng	0.00
86) Perylene-d12	18.67	264	339777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	548867	56.98	ng	0.00
7) Phenol-d6	5.32	99	443341	33.40	ng	0.00
23) Nitrobenzene-d5	6.59	82	1135087	92.23	ng	-0.01
41) 2,4,6-Tribromophenol	11.74	330	348438	132.25	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1785768	84.80	ng	-0.01
78) Terphenyl-d14	15.49	244	1782658	94.37	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	145554	16.44	ng	# 83
64) 4,6-Dinitro-2-methylphenol	11.74	198	700	3.66	ng	# 1

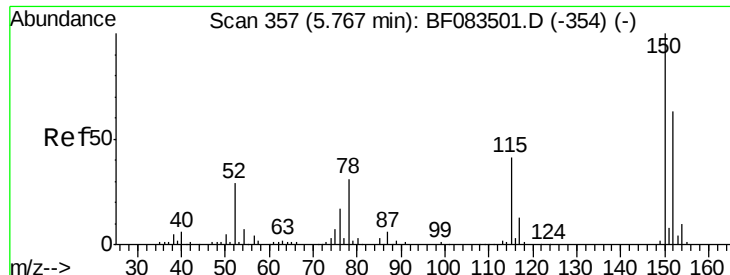
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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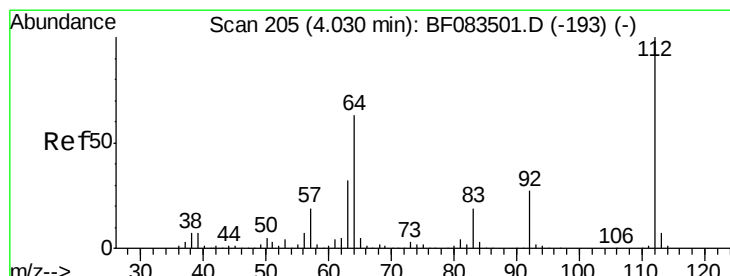
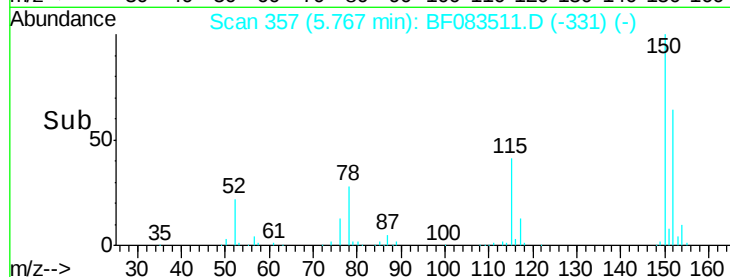
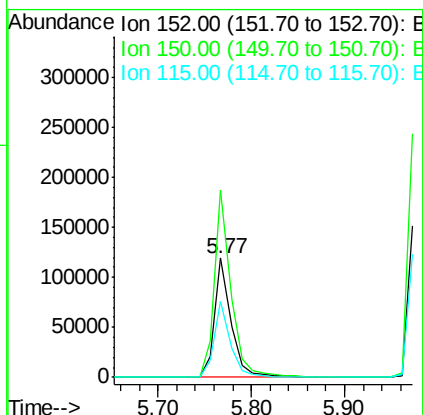
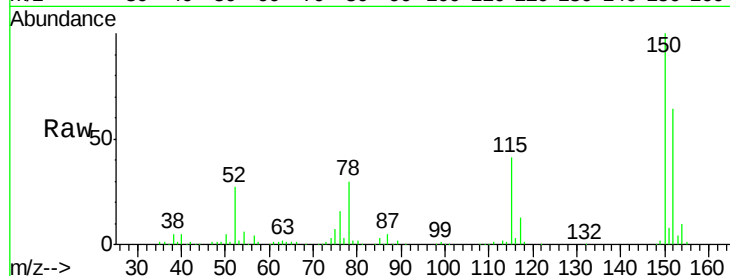


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083511.D
Acq: 5 Dec 2015 13:28

Instrument :
BNA_F
ClientSampleId :
20151124MGP224BRV139

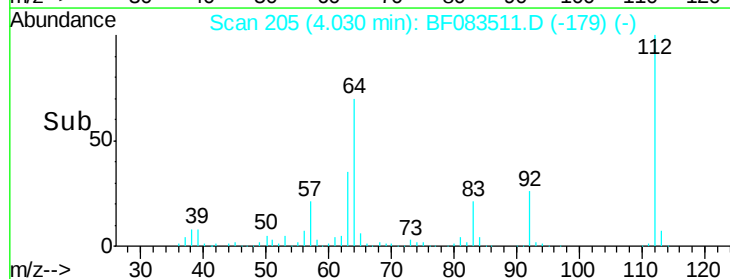
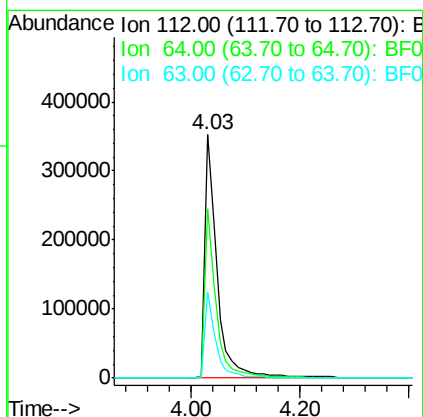
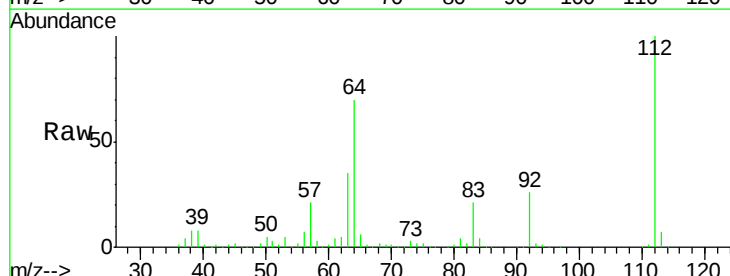
Tot Ion:152 Resp: 146144
Ion Ratio Lower Upper
152 100
150 156.9 126.5 189.7
115 63.6 52.3 78.5

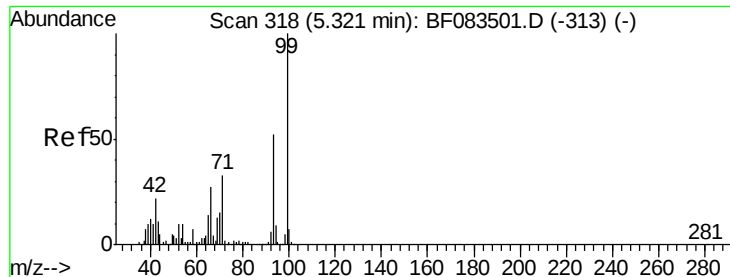


#5

2-Fluorophenol
Concen: 56.98 ng
RT: 4.03 min Scan# 205
Delta R.T. 0.00 min
Lab File: BF083511.D
Acq: 5 Dec 2015 13:28

Tgt Ion:112 Resp: 548867
Ion Ratio Lower Upper
112 100
64 69.6 50.5 75.7
63 35.2 25.8 38.6





#7

Phenol-d6

Concen: 33.40 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083511.D

Acq: 5 Dec 2015 13:28

Instrument :

BNA_F

ClientSampleId :

20151124MGP224BRV139

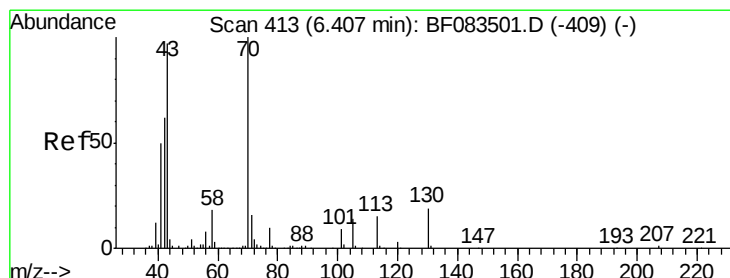
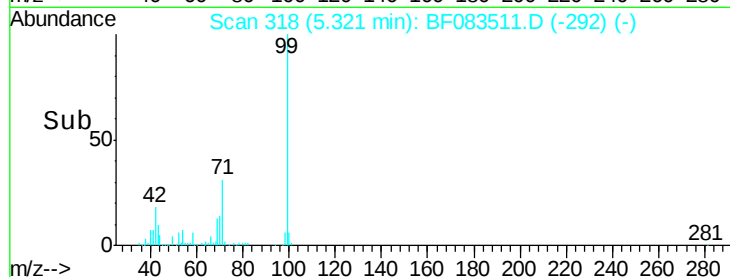
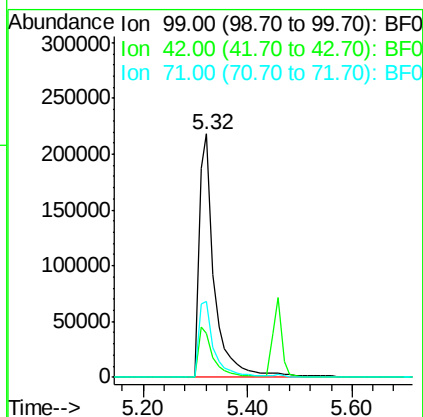
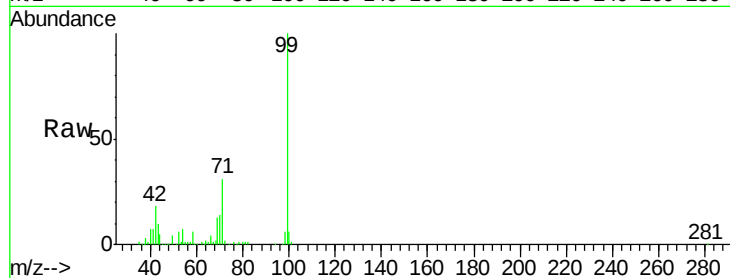
Tot Ion: 99 Resp: 443341

Ion Ratio Lower Upper

99 100

42 18.0 17.3 25.9

71 31.3 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.44 ng

RT: 6.59 min Scan# 429

Delta R.T. 0.18 min

Lab File: BF083511.D

Acq: 5 Dec 2015 13:28

Tgt Ion: 70 Resp: 145554

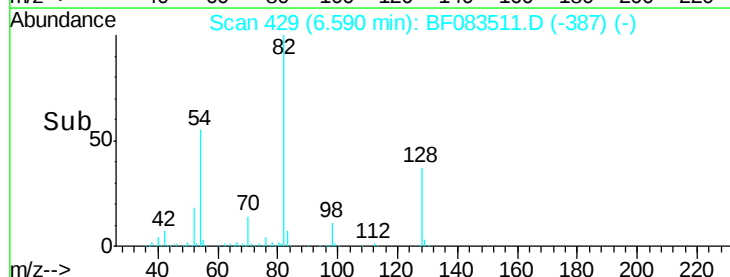
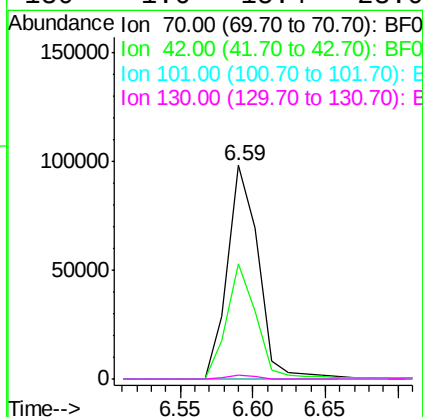
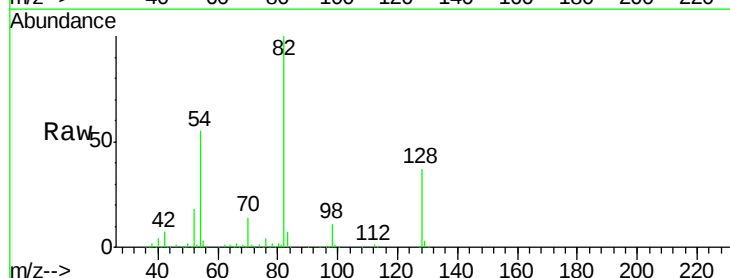
Ion Ratio Lower Upper

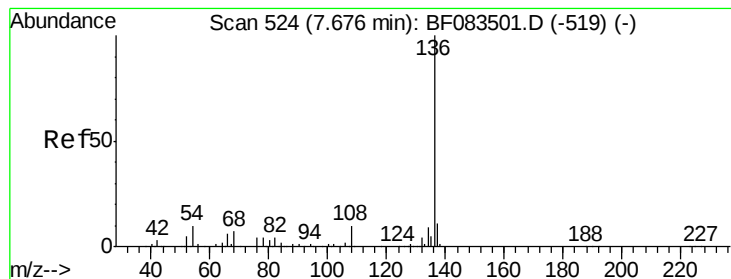
70 100

42 54.2 49.2 73.8

101 0.0 7.1 10.7#

130 1.6 15.4 23.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083511.D

Acq: 5 Dec 2015 13:28

Instrument :

BNA_F

ClientSampleId :

20151124MGP224BRV139

Tot Ion:136 Resp: 575275

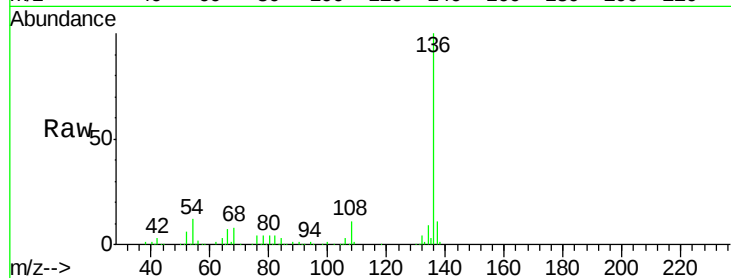
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.5 7.8 11.6

68 8.0 5.7 8.5

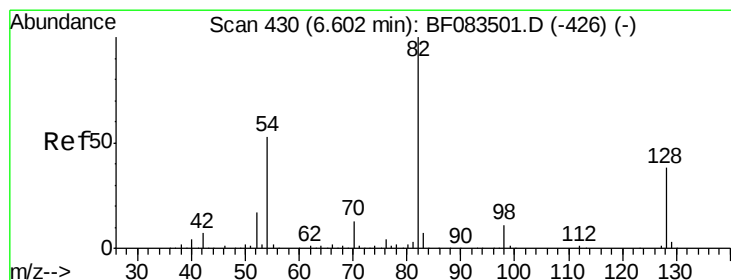
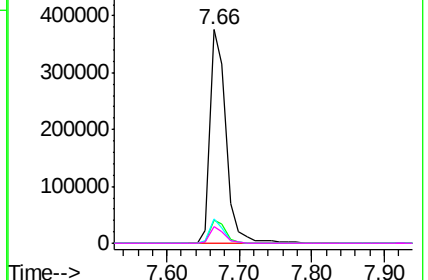
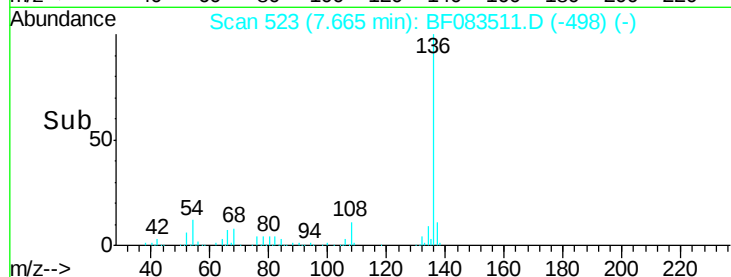


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.23 ng

RT: 6.59 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF083511.D

Acq: 5 Dec 2015 13:28

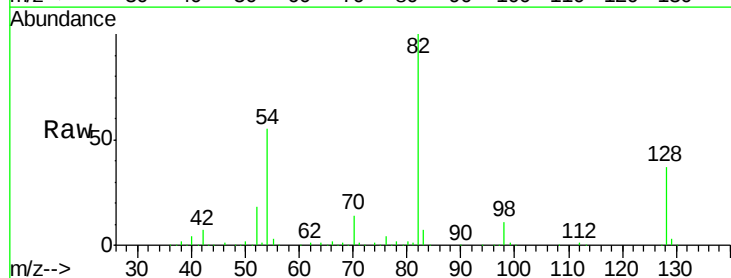
Tgt Ion: 82 Resp: 1135087

Ion Ratio Lower Upper

82 100

128 36.8 30.7 46.1

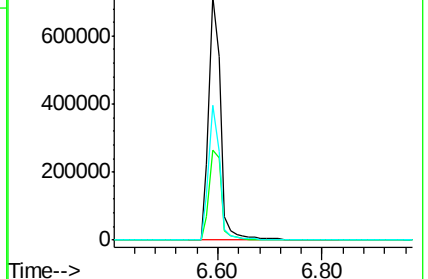
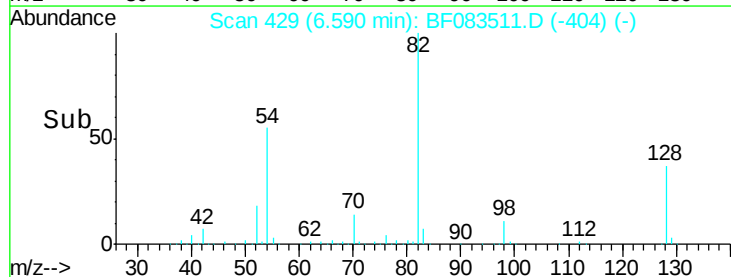
54 55.2 42.5 63.7

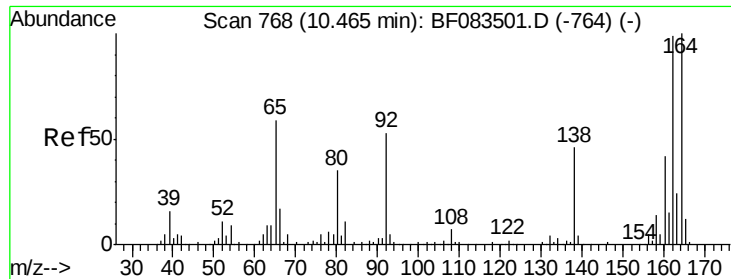


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

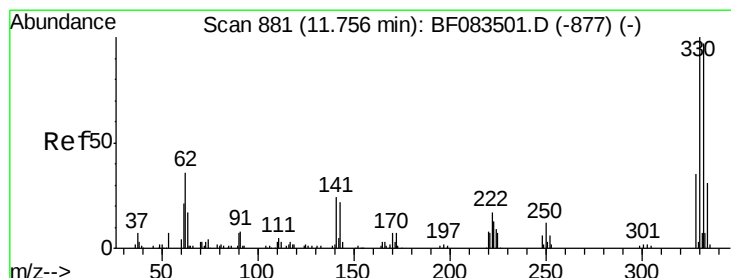
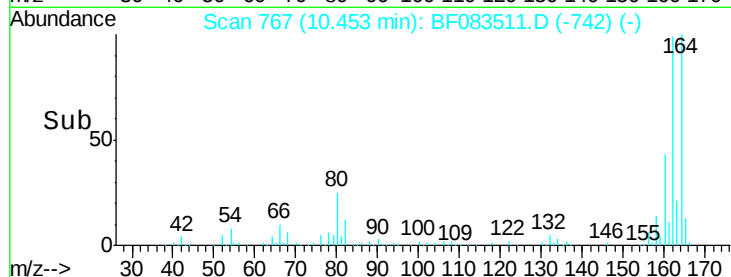
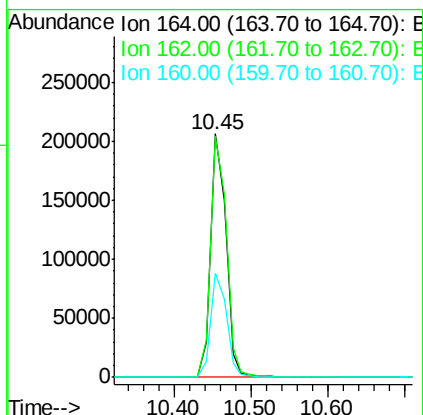
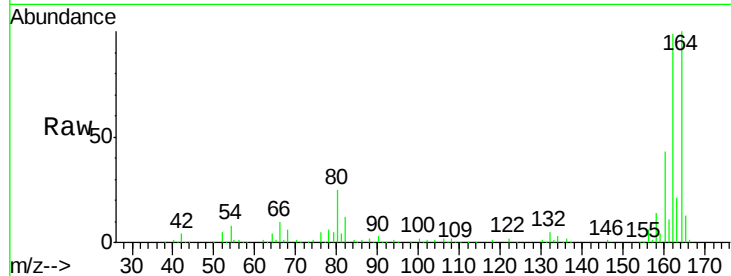




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF083511.D
 Acq: 5 Dec 2015 13:28

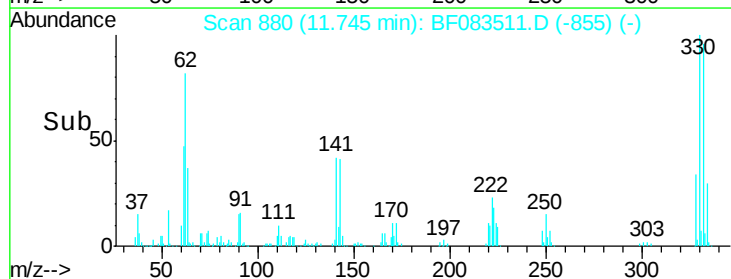
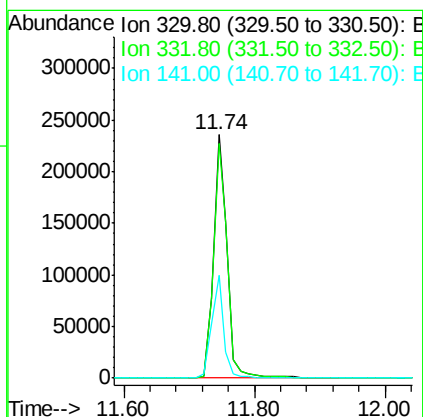
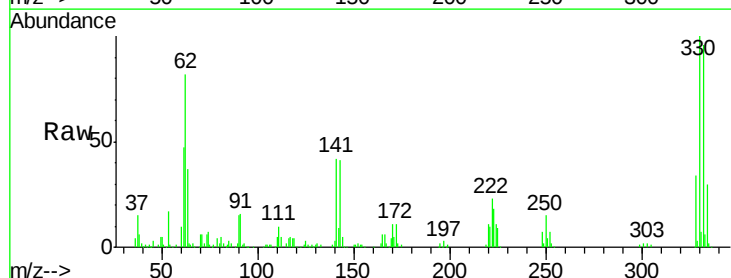
Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP224BRV139

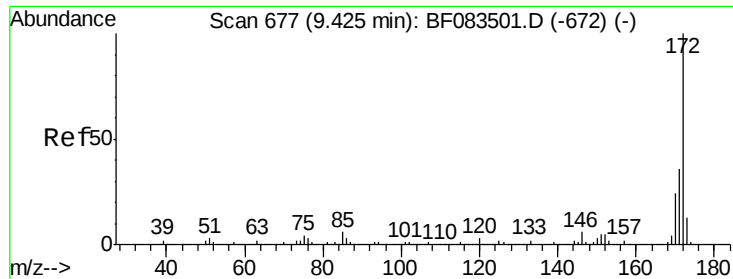
Tot Ion:164 Resp: 285615
 Ion Ratio Lower Upper
 164 100
 162 99.3 78.8 118.2
 160 43.0 33.4 50.2



#41
 2,4,6-Tribromophenol
 Concen: 132.25 ng
 RT: 11.74 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF083511.D
 Acq: 5 Dec 2015 13:28

Tgt Ion:330 Resp: 348438
 Ion Ratio Lower Upper
 330 100
 332 98.4 0.0 0.0#
 141 37.9 0.0 0.0#



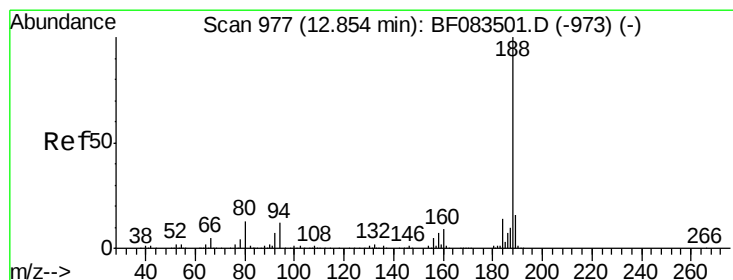
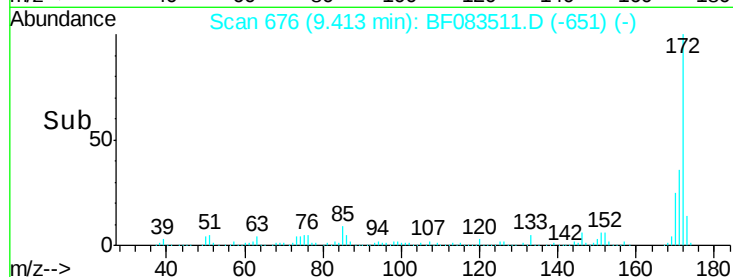
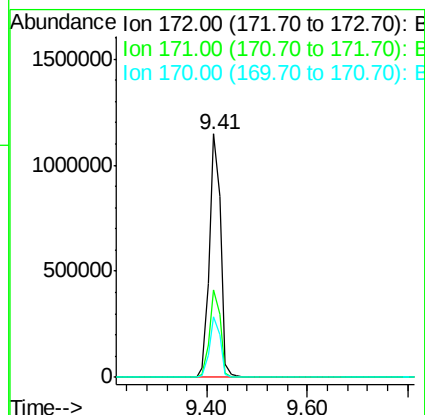
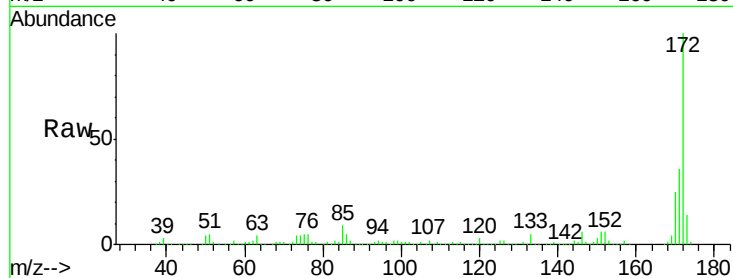


#44
 2-Fluorobiphenyl
 Concen: 84.80 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083511.D
 Acq: 5 Dec 2015 13:28

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP224BRV139

Tot Ion:172 Resp: 1785768

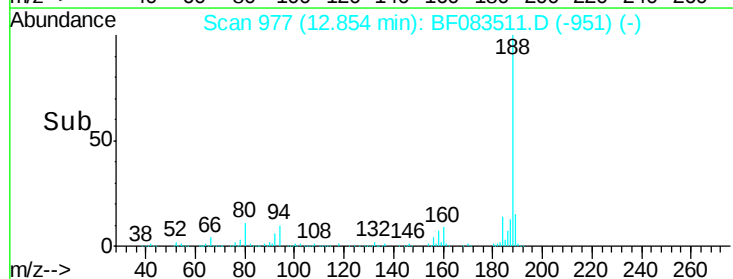
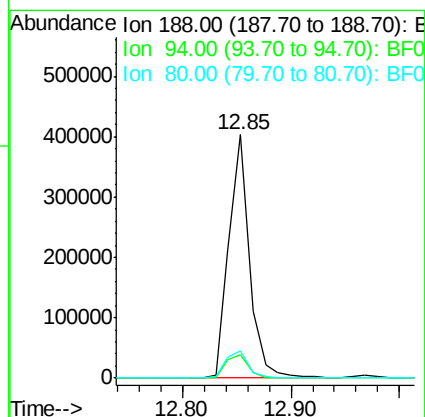
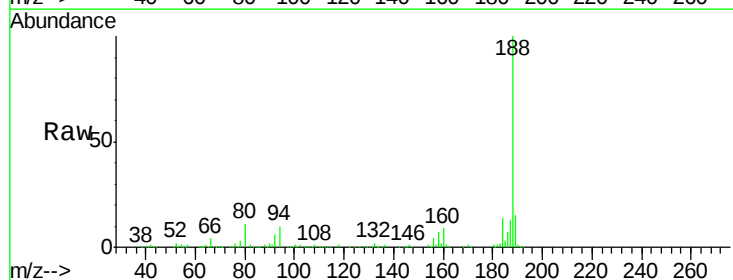
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.9	19.4	29.0

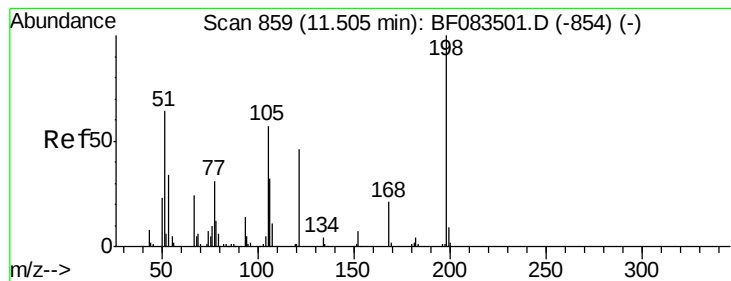


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.85 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF083511.D
 Acq: 5 Dec 2015 13:28

Tgt Ion:188 Resp: 529687

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	11.2	10.6	16.0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.66 ng

RT: 11.74 min Scan# 880

Delta R.T. 0.24 min

Lab File: BF083511.D

Acq: 5 Dec 2015 13:28

Instrument :

BNA_F

ClientSampleId :

20151124MGP224BRV139

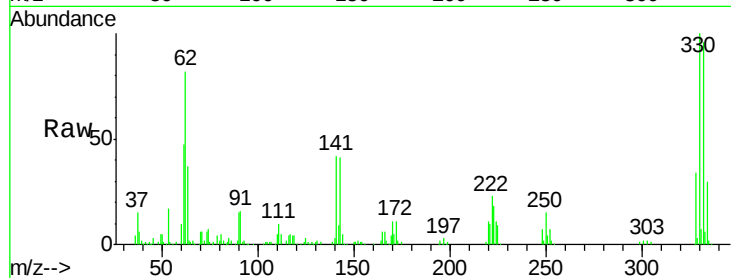
Tot Ion:198 Resp: 700

Ion Ratio Lower Upper

198 100

51 267.8 53.8 93.8#

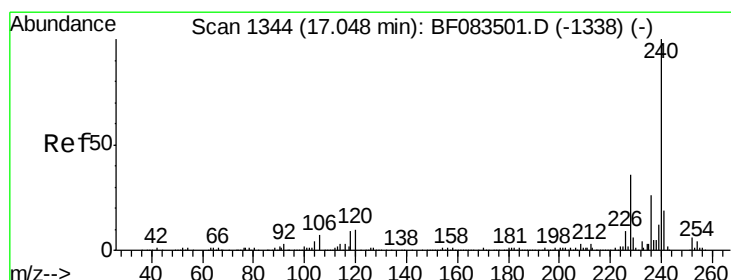
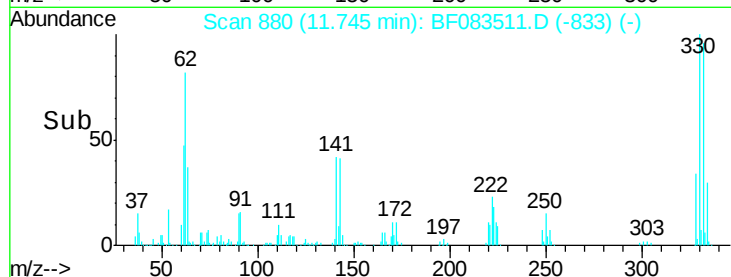
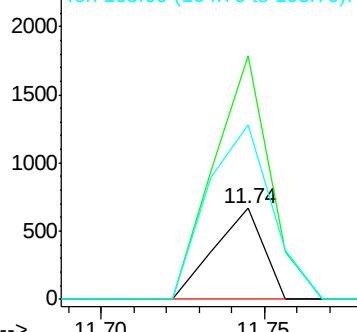
105 191.6 38.6 78.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.05 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF083511.D

Acq: 5 Dec 2015 13:28

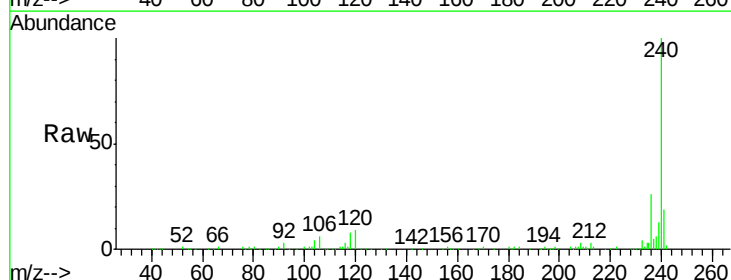
Tgt Ion:240 Resp: 420346

Ion Ratio Lower Upper

240 100

120 9.3 8.1 12.1

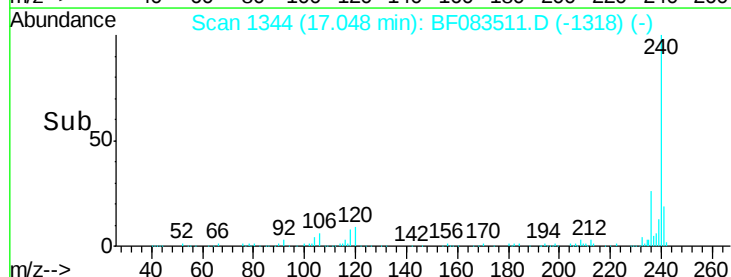
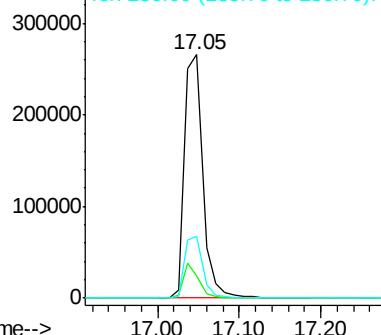
236 25.6 20.8 31.2

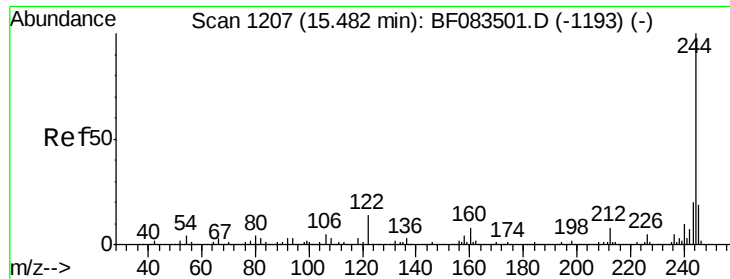


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

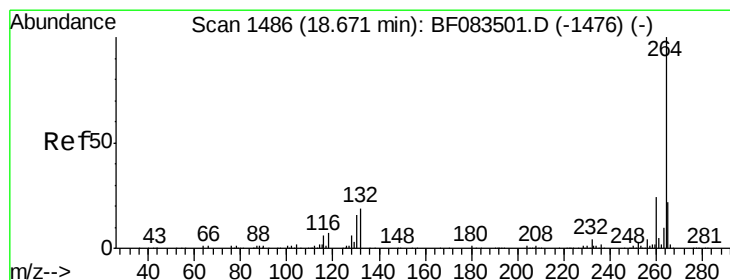
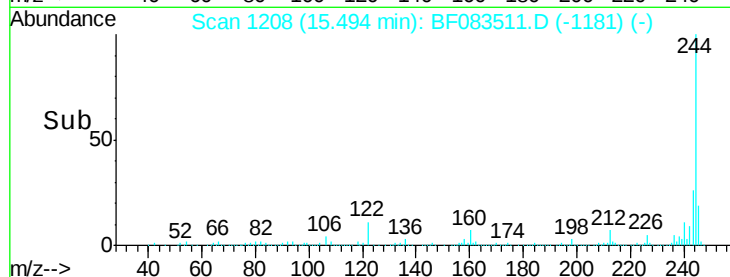
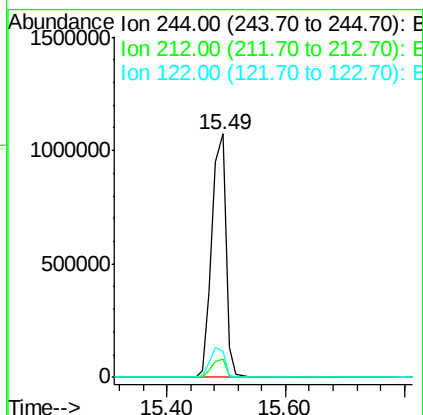
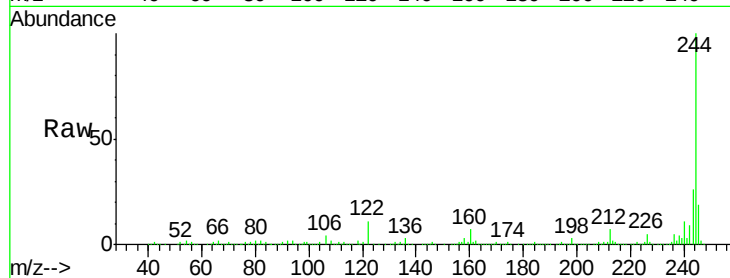




#78
 Terphenyl-d14
 Concen: 94.37 ng
 RT: 15.49 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF083511.D
 Acq: 5 Dec 2015 13:28

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP224BRV139

Tot Ion:244 Resp: 1782658
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.9 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF083511.D
 Acq: 5 Dec 2015 13:28

Tgt Ion:264 Resp: 339777
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.4 29.0
 265 21.2 17.8 26.6

