

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083519.D
 Acq On : 5 Dec 2015 17:25
 Operator : UM/IZ
 Sample : G4588-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Dec 07 00:21:40 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

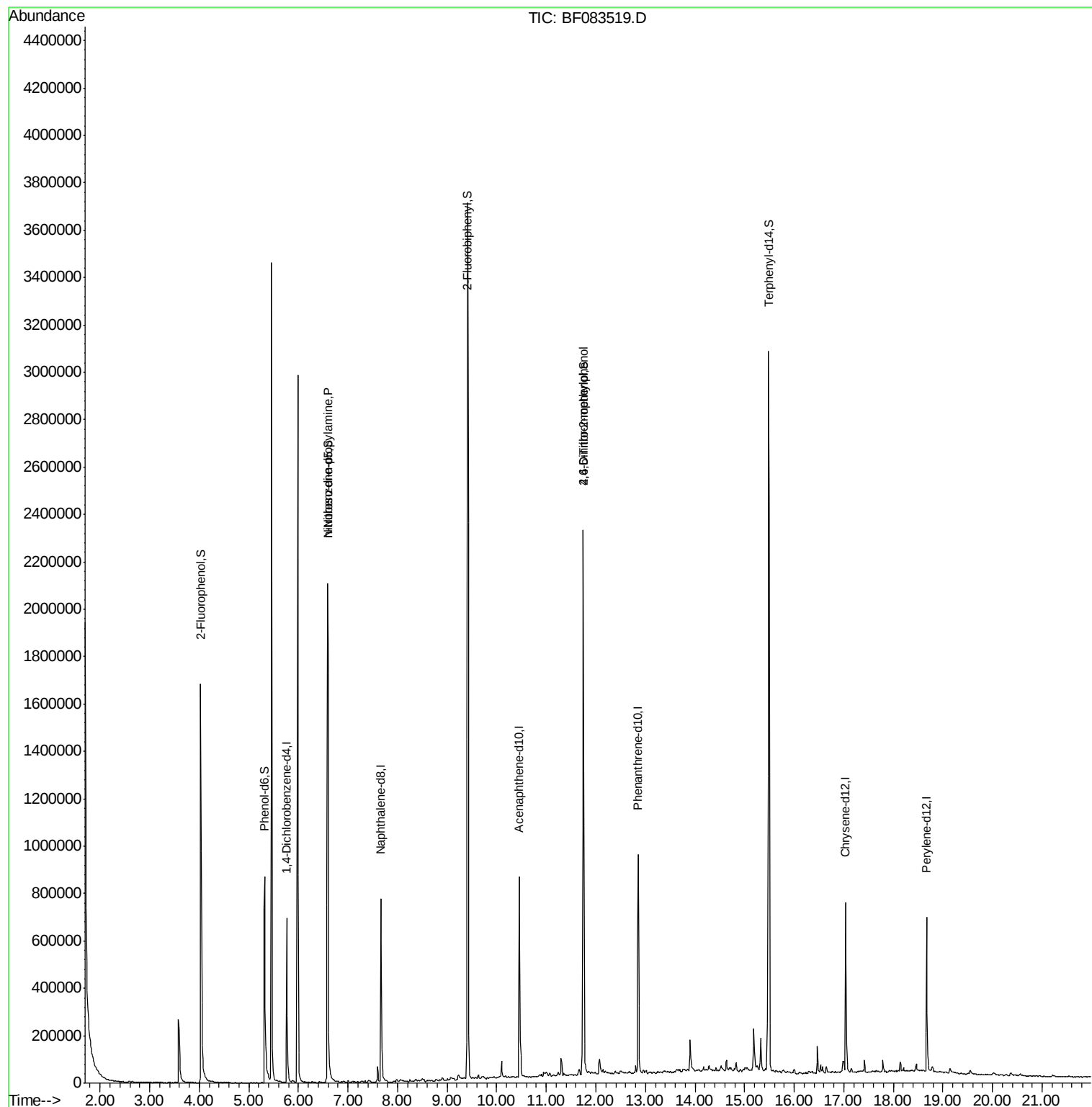
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	139819	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	541203	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	267515	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	482979	20.00	ng	0.00
75) Chrysene-d12	17.04	240	369004	20.00	ng	-0.01
86) Perylene-d12	18.67	264	292286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	662547	71.89	ng	0.00
7) Phenol-d6	5.32	99	587589	46.27	ng	0.00
23) Nitrobenzene-d5	6.59	82	1143127	98.73	ng	-0.01
41) 2,4,6-Tribromophenol	11.75	330	365459	148.10	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1801324	91.33	ng	-0.01
78) Terphenyl-d14	15.48	244	1609482	97.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	146510	17.30	ng	# 81
64) 4,6-Dinitro-2-methylphenol	11.75	198	500	3.63	ng	# 1

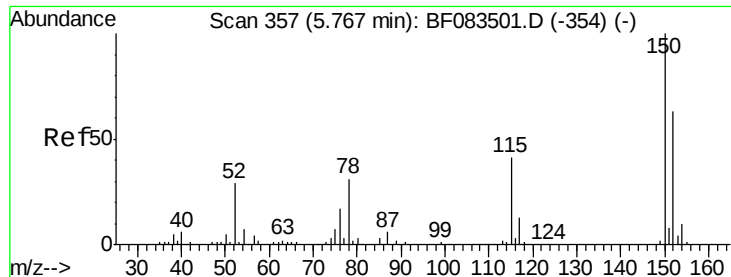
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083519.D

Acq: 5 Dec 2015 17:25

Instrument :

BNA_F

ClientSampled :

MW-10

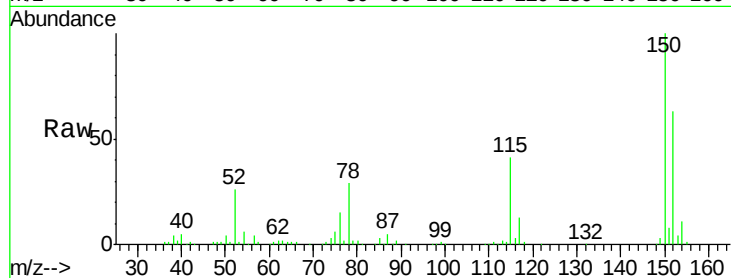
Tot Ion:152 Resp: 139819

Ion Ratio Lower Upper

152 100

150 159.5 126.5 189.7

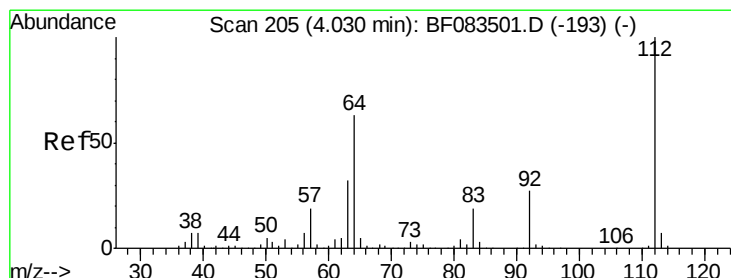
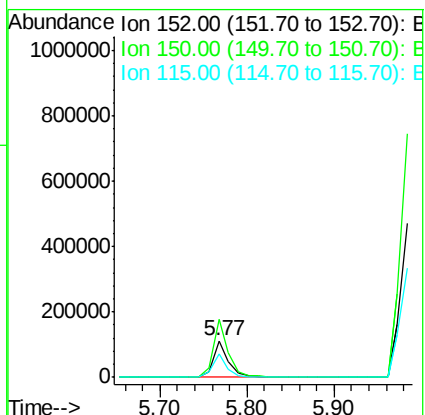
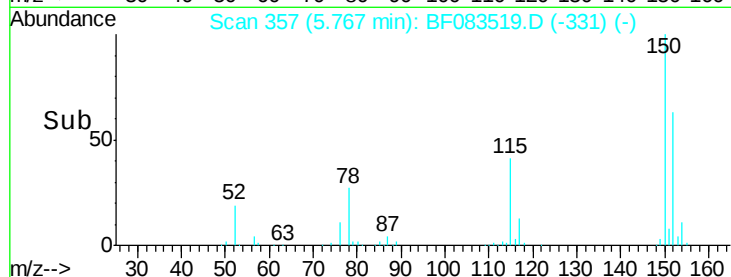
115 65.3 52.3 78.5



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: 71.89 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083519.D

Acq: 5 Dec 2015 17:25

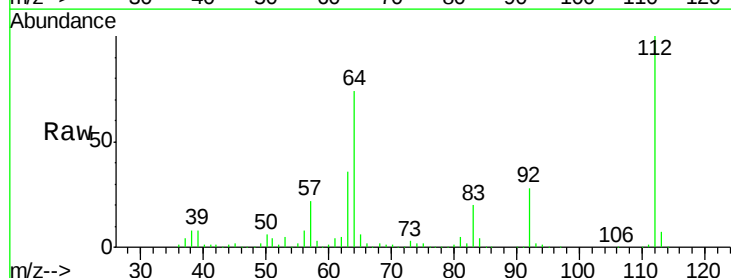
Tgt Ion:112 Resp: 662547

Ion Ratio Lower Upper

112 100

64 73.6 50.5 75.7

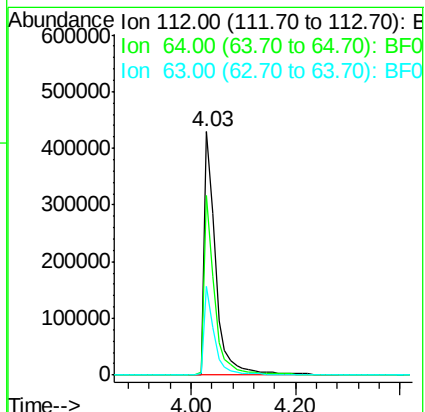
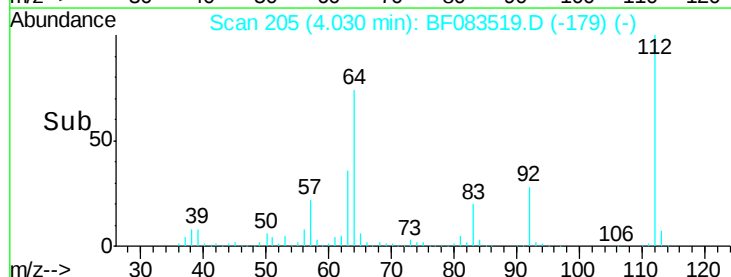
63 36.2 25.8 38.6

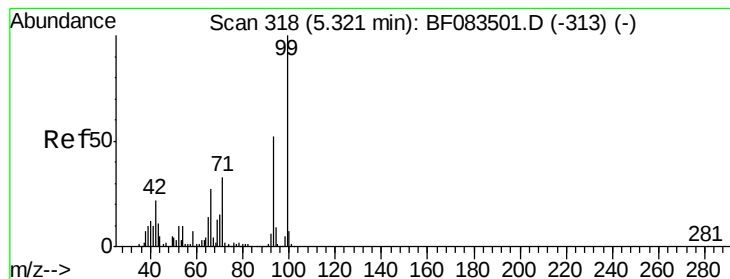


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.27 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083519.D

Acq: 5 Dec 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MW-10

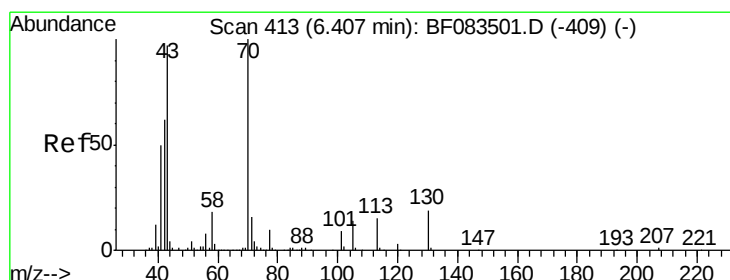
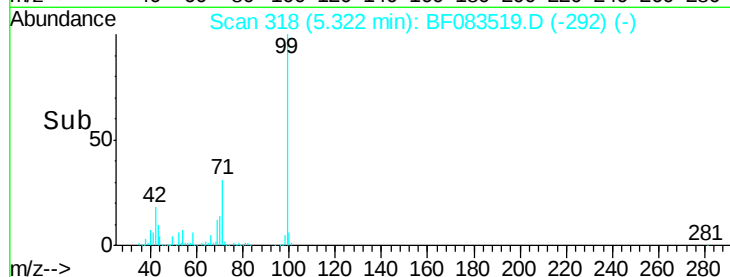
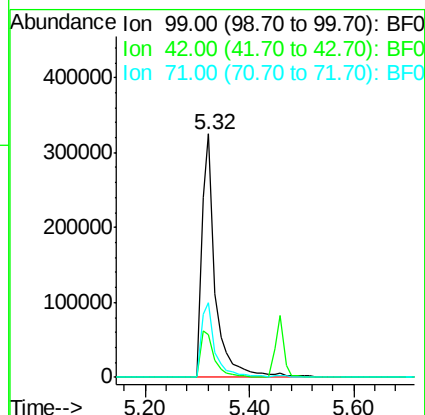
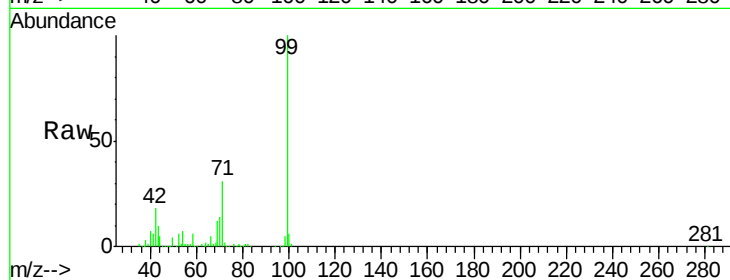
Tot Ion: 99 Resp: 587589

Ion Ratio Lower Upper

99 100

42 17.8 17.3 25.9

71 30.5 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.30 ng

RT: 6.59 min Scan# 429

Delta R.T. 0.18 min

Lab File: BF083519.D

Acq: 5 Dec 2015 17:25

Tgt Ion: 70 Resp: 146510

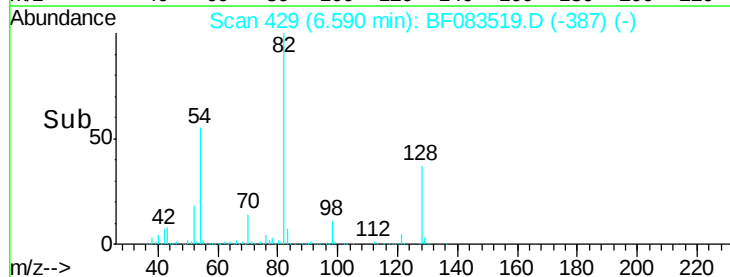
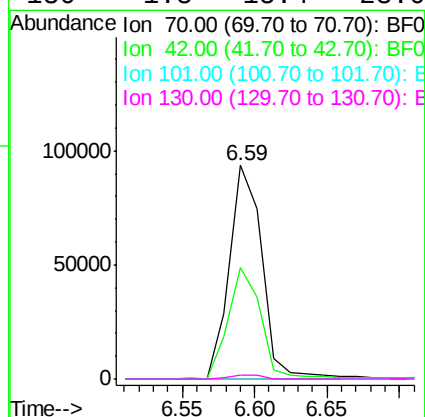
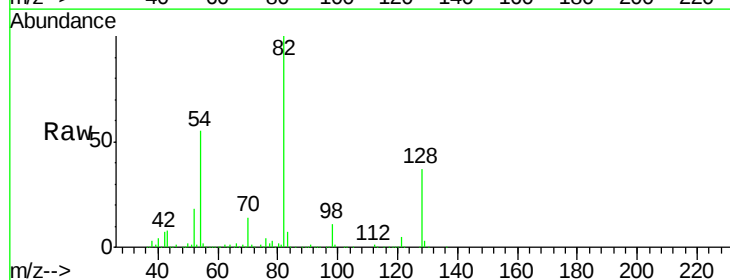
Ion Ratio Lower Upper

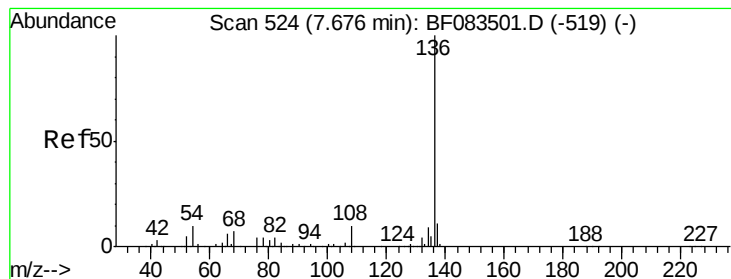
70 100

42 51.9 49.2 73.8

101 0.0 7.1 10.7#

130 1.8 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: BF083519.D

Acq: 5 Dec 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MW-10

Tot Ion:136 Resp: 541203

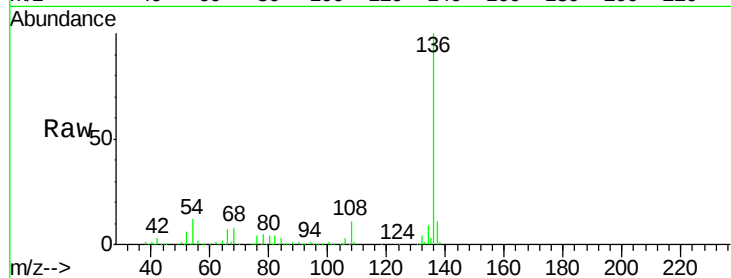
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.6 7.8 11.6

68 8.2 5.7 8.5

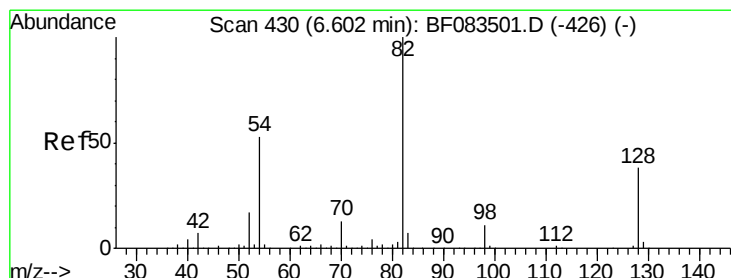
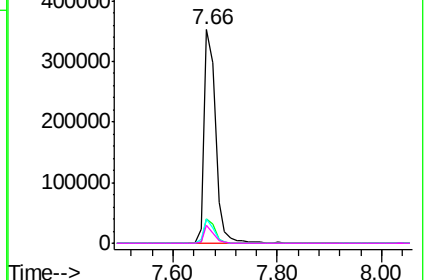
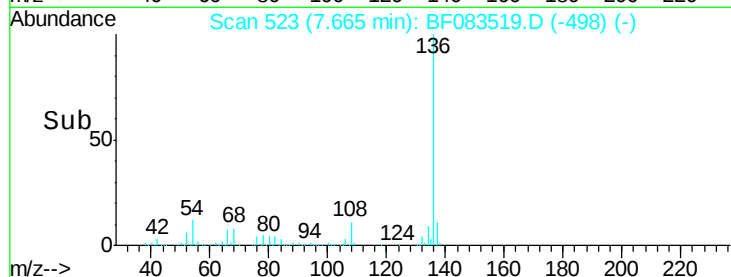


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.73 ng

RT: 6.59 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF083519.D

Acq: 5 Dec 2015 17:25

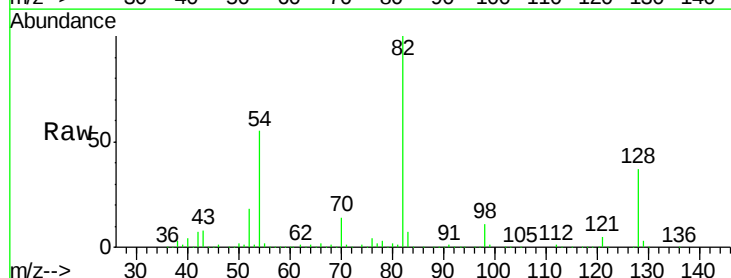
Tgt Ion: 82 Resp: 1143127

Ion Ratio Lower Upper

82 100

128 37.3 30.7 46.1

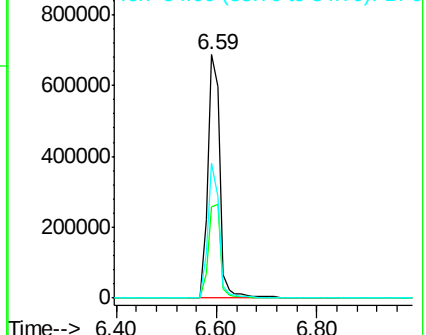
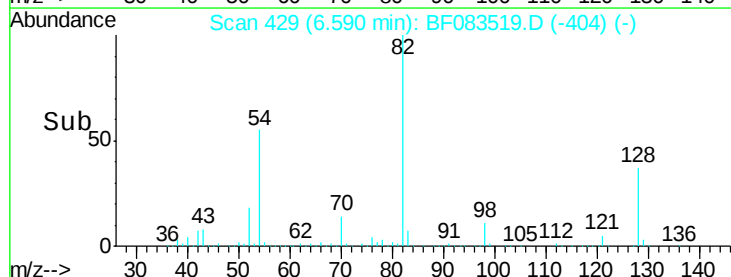
54 55.4 42.5 63.7

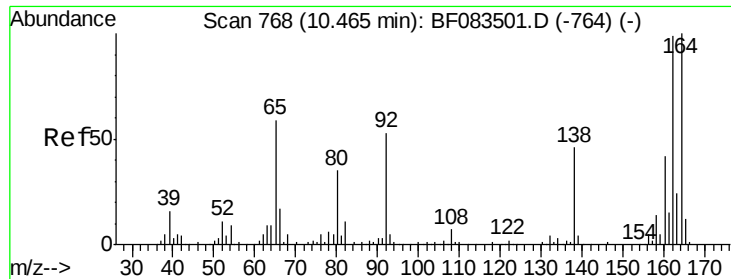


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

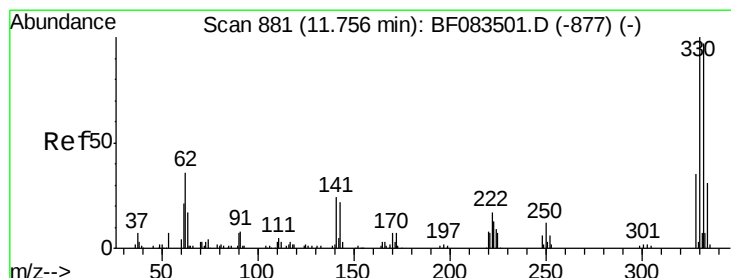
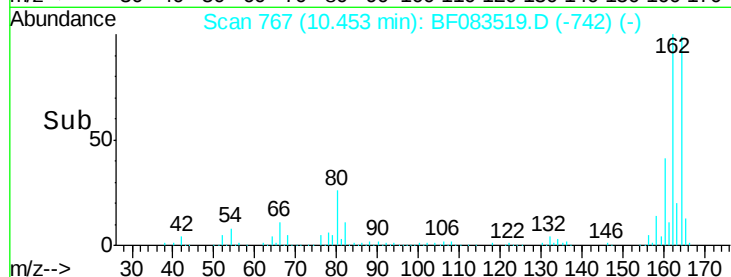
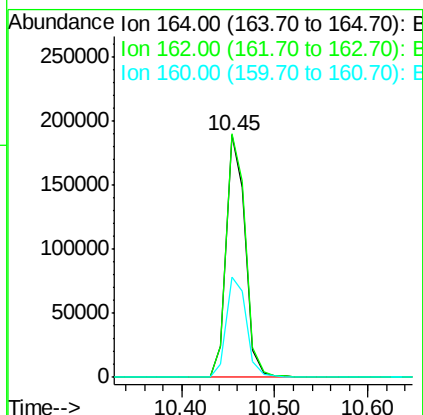
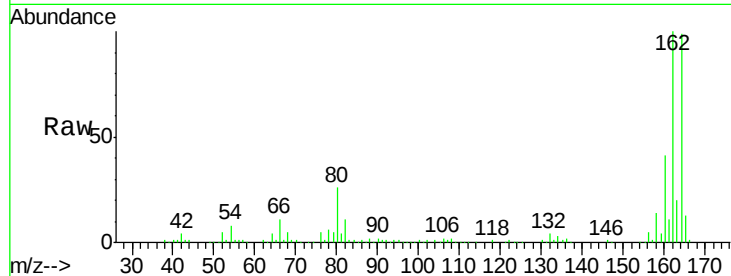




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF083519.D
Acq: 5 Dec 2015 17:25

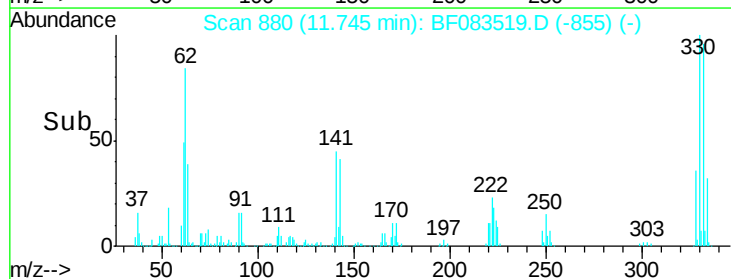
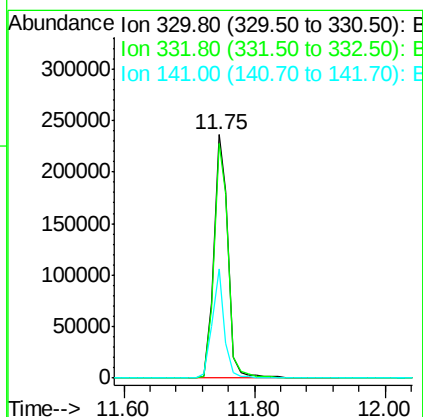
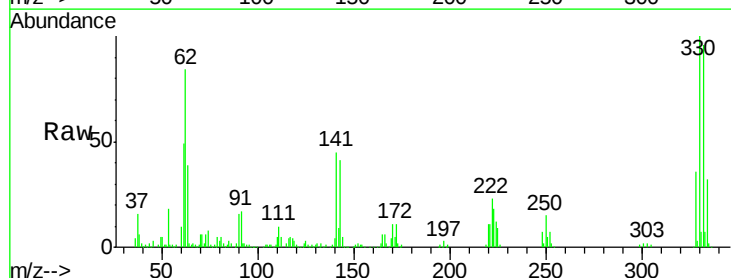
Instrument :
BNA_F
ClientSampleId :
MW-10

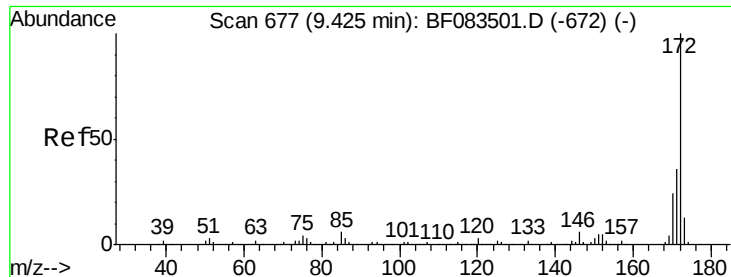
Tot Ion:164 Resp: 267515
Ion Ratio Lower Upper
164 100
162 100.6 78.8 118.2
160 41.3 33.4 50.2



#41
2,4,6-Tribromophenol
Concen: 148.10 ng
RT: 11.75 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF083519.D
Acq: 5 Dec 2015 17:25

Tgt Ion:330 Resp: 365459
Ion Ratio Lower Upper
330 100
332 97.1 0.0 0.0#
141 38.6 0.0 0.0#

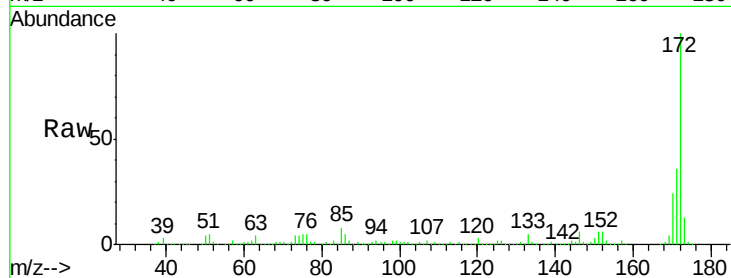




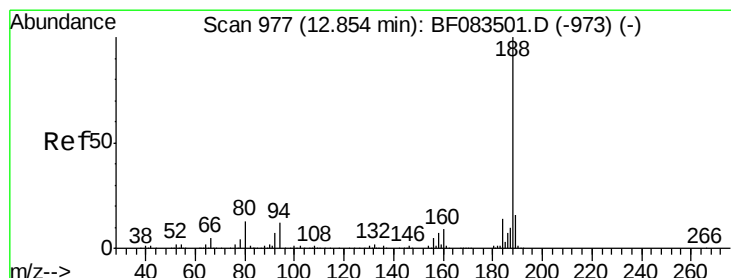
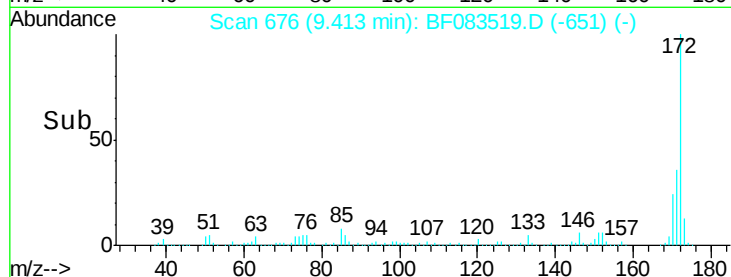
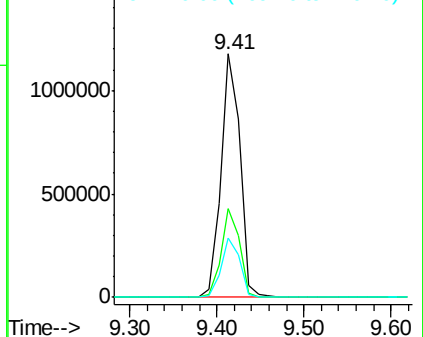
#44
 2-Fluorobiphenyl
 Concen: 91.33 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083519.D
 Acq: 5 Dec 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tot Ion:172 Resp: 1801324
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 42.8
 170 24.3 19.4 29.0

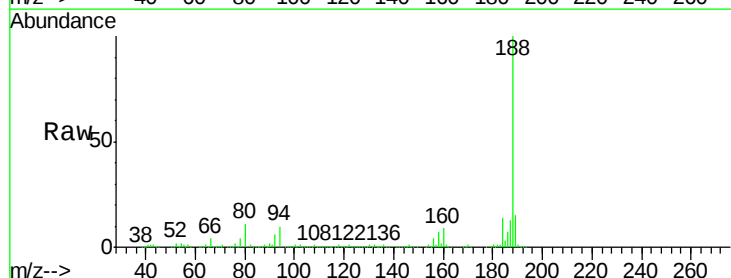


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

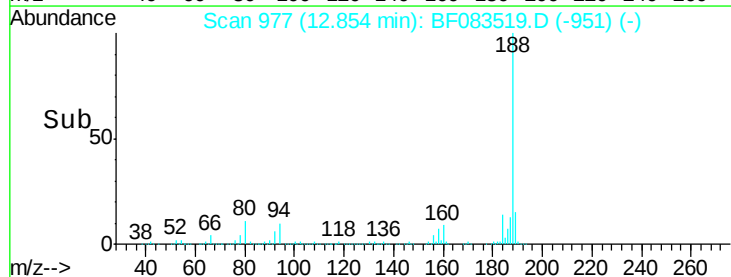
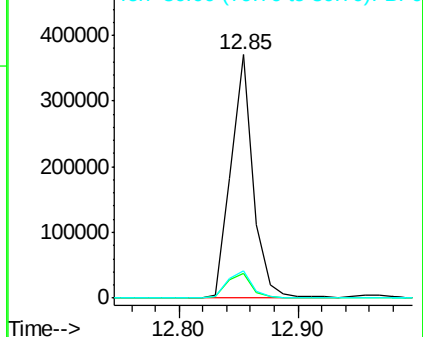


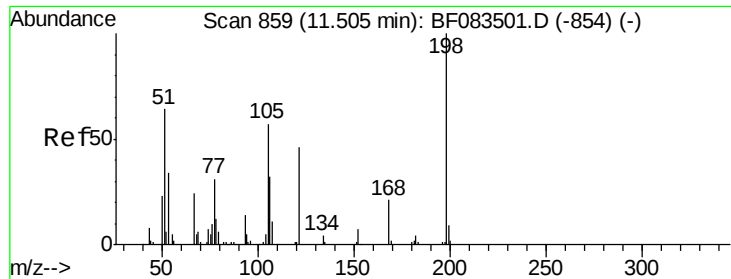
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.85 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF083519.D
 Acq: 5 Dec 2015 17:25

Tgt Ion:188 Resp: 482979
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.4 10.6 16.0



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





#64

4,6-Dinitro-2-methylphenol

Concen: 3.63 ng

RT: 11.75 min Scan# 880

Delta R.T. 0.24 min

Lab File: BF083519.D

Acq: 5 Dec 2015 17:25

Instrument :

BNA_F

ClientSampled :

MW-10

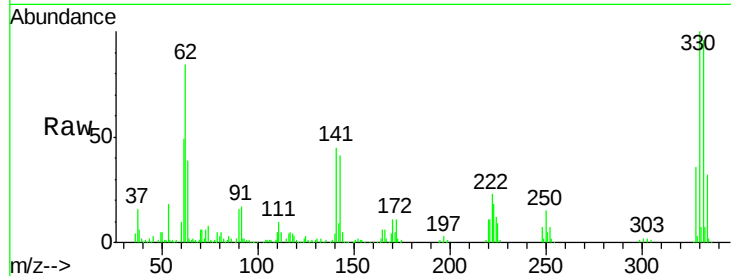
Tot Ion:198 Resp: 500

Ion Ratio Lower Upper

198 100

51 264.1 53.8 93.8#

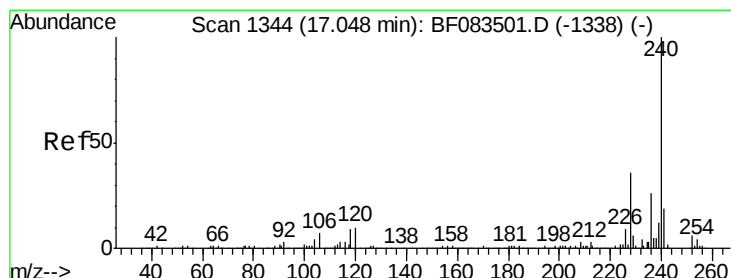
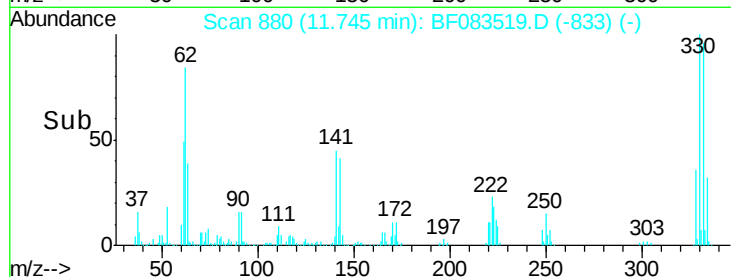
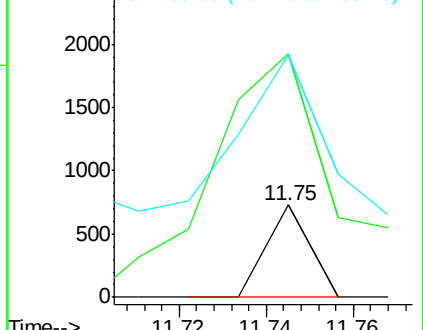
105 263.0 38.6 78.6#



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: 17.04 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF083519.D

Acq: 5 Dec 2015 17:25

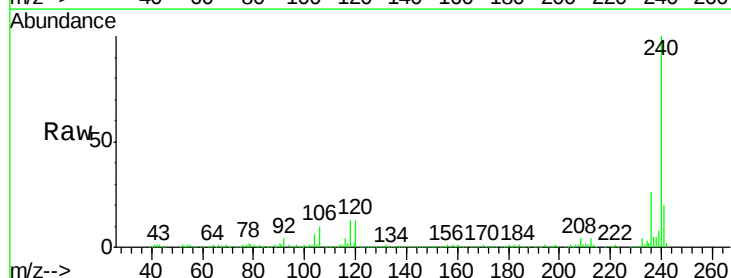
Tgt Ion:240 Resp: 369004

Ion Ratio Lower Upper

240 100

120 13.5 8.1 12.1#

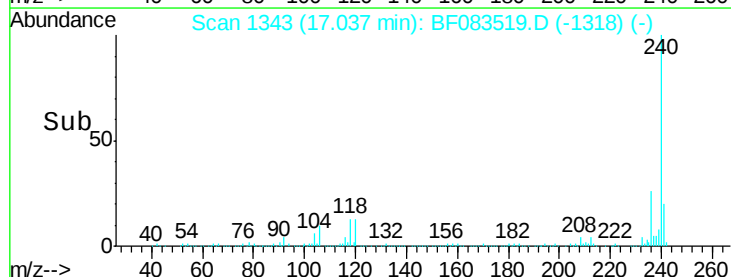
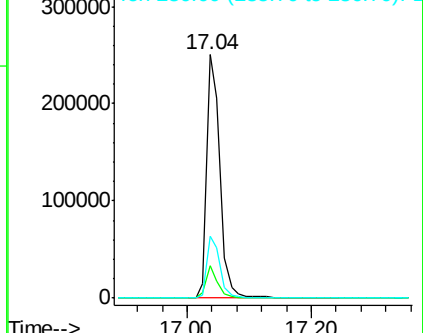
236 25.6 20.8 31.2

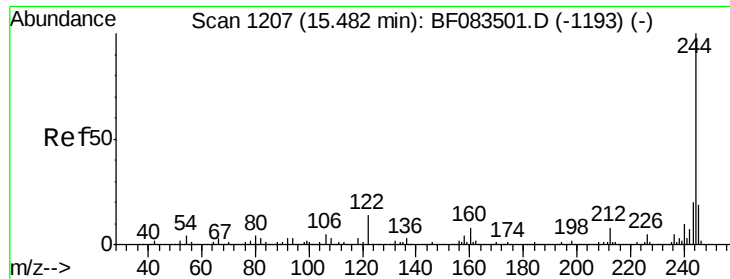


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

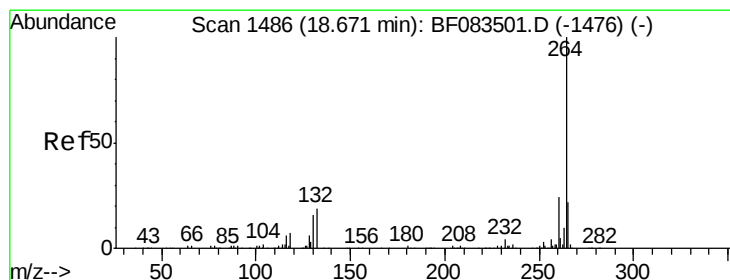
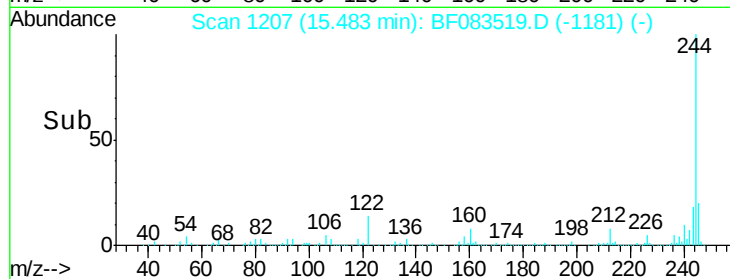
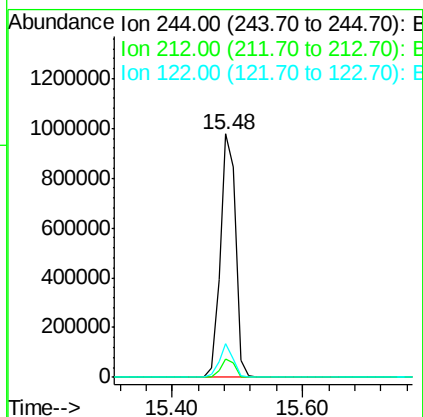
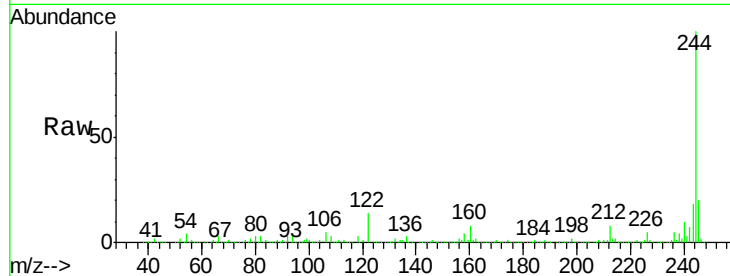




#78
 Terphenyl-d14
 Concen: 97.06 ng
 RT: 15.48 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF083519.D
 Acq: 5 Dec 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tot Ion:244 Resp: 1609482
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 13.7 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: BF083519.D
 Acq: 5 Dec 2015 17:25

Tgt Ion:264 Resp: 292286
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 21.8 17.8 26.6

