

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083515.D
 Acq On : 5 Dec 2015 15:26
 Operator : UM/IZ
 Sample : G4595-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB112515-5RI

Quant Time: Dec 07 00:20:32 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

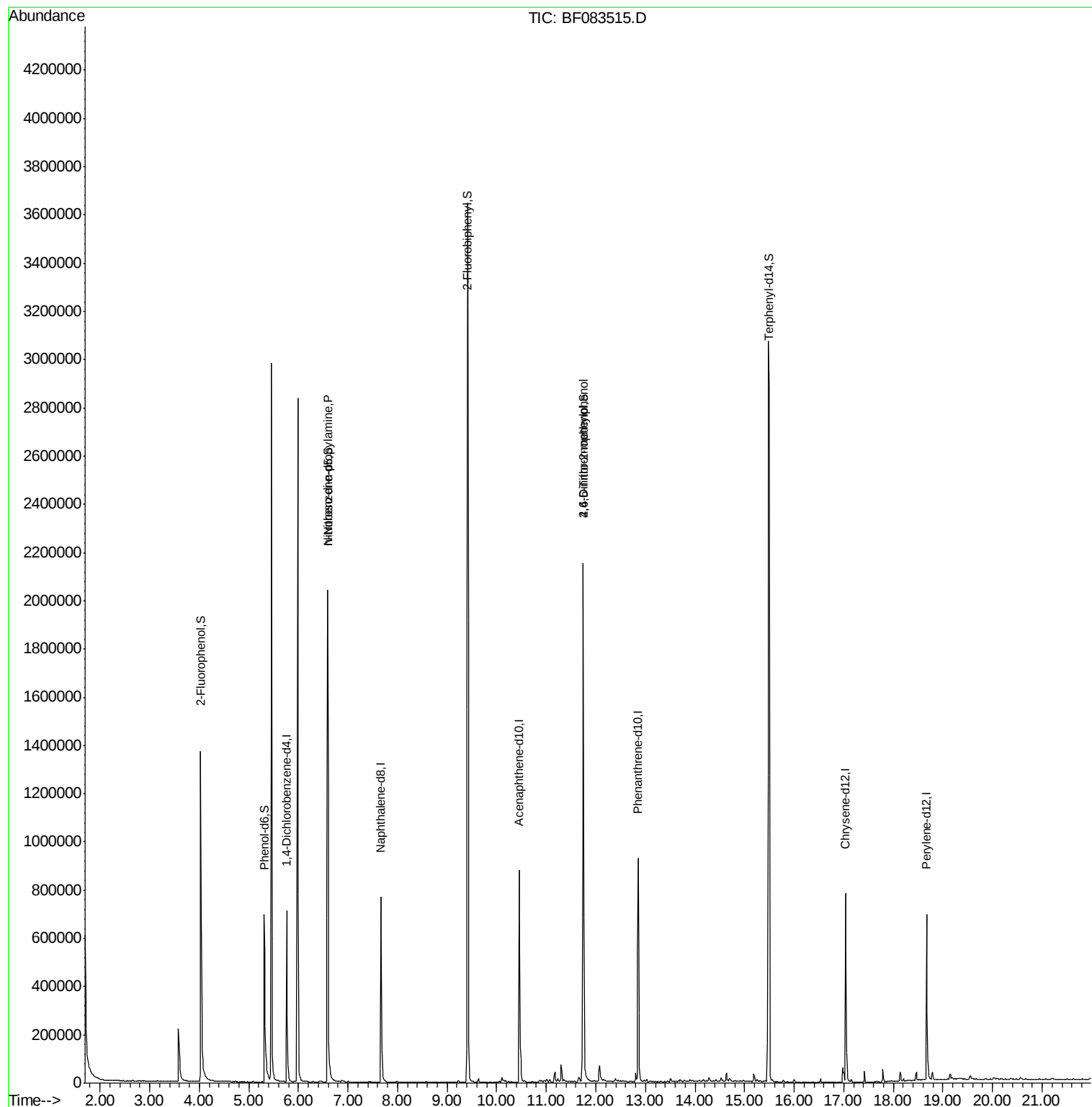
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	139187	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	551534	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	270573	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	507279	20.00	ng	0.00
75) Chrysene-d12	17.04	240	415676	20.00	ng	-0.01
86) Perylene-d12	18.67	264	330445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	538727	58.72	ng	0.00
7) Phenol-d6	5.31	99	462278	36.57	ng	-0.01
23) Nitrobenzene-d5	6.59	82	1077769	91.34	ng	-0.01
41) 2,4,6-Tribromophenol	11.75	330	328015	131.42	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1718880	86.17	ng	-0.01
78) Terphenyl-d14	15.49	244	1737483	93.01	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	140765	16.69	ng	# 80
64) 4,6-Dinitro-2-methylphenol	11.75	198	472	3.61	ng	# 1

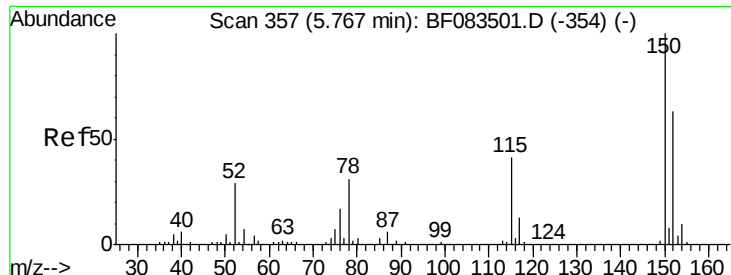
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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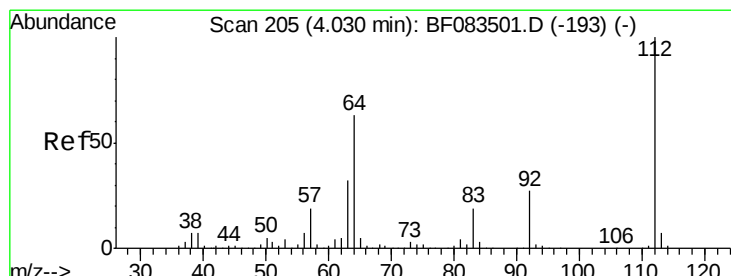
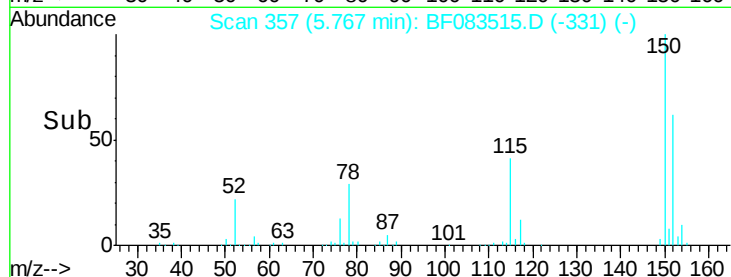
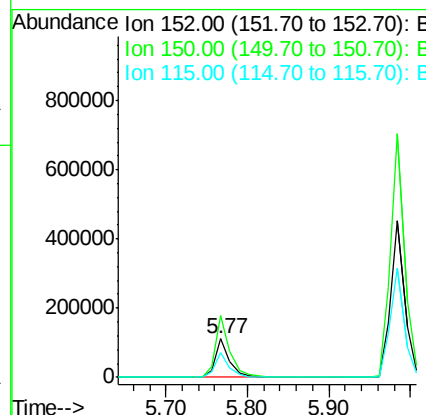
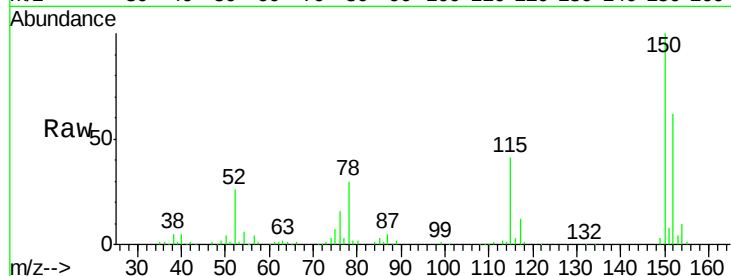




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: BF083515.D
 Acq: 5 Dec 2015 15:26

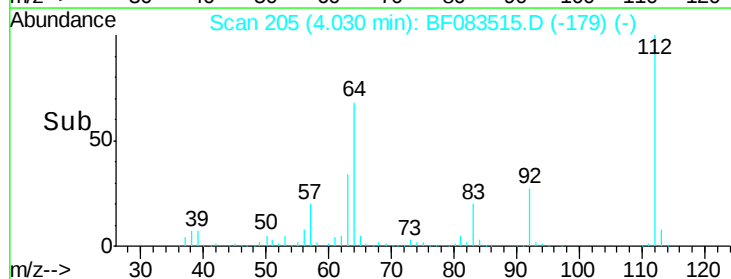
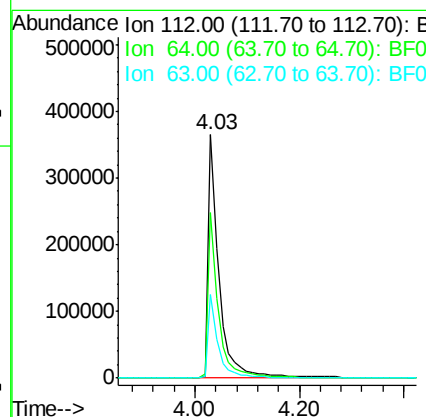
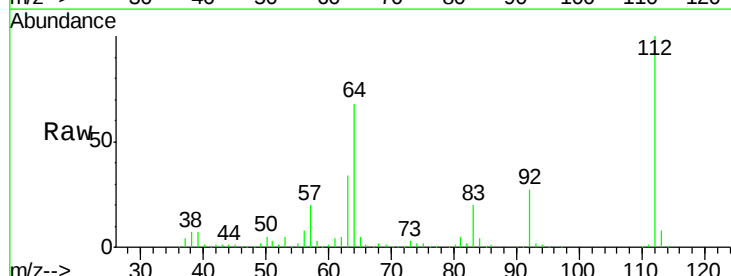
Instrument :
 BNA_F
 ClientSampleId :
 FB112515-5RI

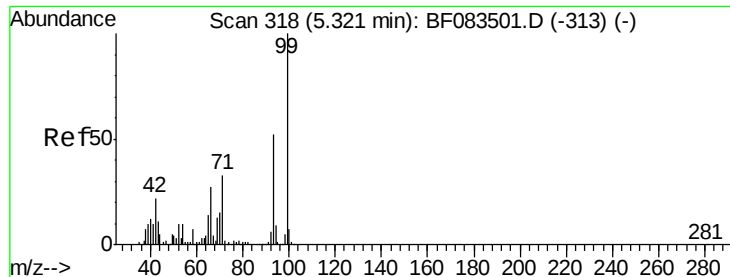
Tot Ion:152 Resp: 139187
 Ion Ratio Lower Upper
 152 100
 150 161.4 126.5 189.7
 115 65.4 52.3 78.5



#5
 2-Fluorophenol
 Concen: 58.72 ng
 RT: 4.03 min Scan# 205
 Delta R.T. 0.00 min
 Lab File: BF083515.D
 Acq: 5 Dec 2015 15:26

Tgt Ion:112 Resp: 538727
 Ion Ratio Lower Upper
 112 100
 64 68.1 50.5 75.7
 63 34.1 25.8 38.6





#7

Phenol-d6

Concen: 36.57 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.01 min

Lab File: BF083515.D

Acq: 5 Dec 2015 15:26

Instrument :

BNA_F

ClientSampleId :

FB112515-5RI

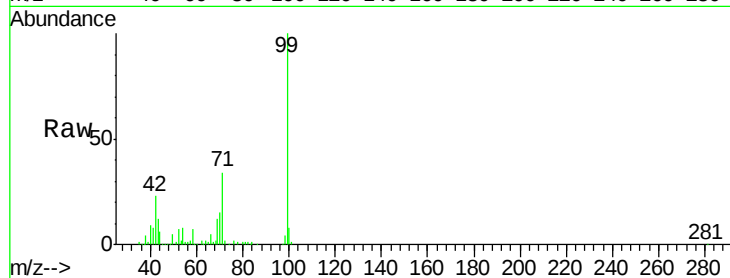
Tot Ion: 99 Resp: 462278

Ion Ratio Lower Upper

99 100

42 22.8 17.3 25.9

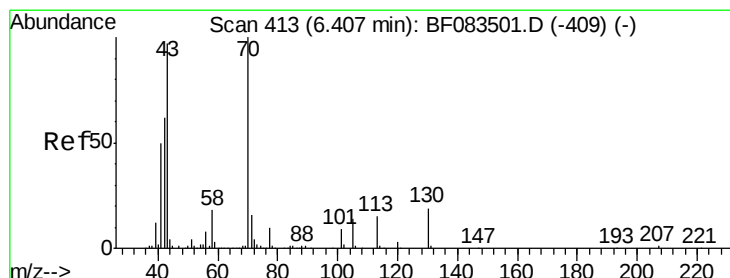
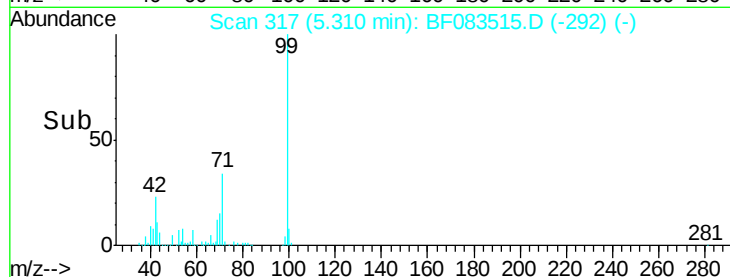
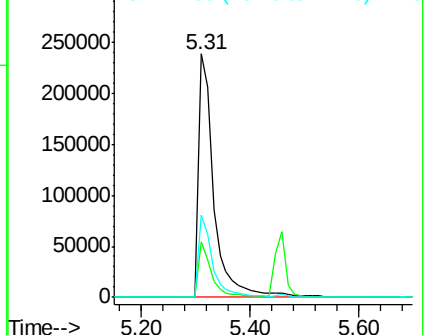
71 33.9 26.6 40.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.69 ng

RT: 6.59 min Scan# 429

Delta R.T. 0.18 min

Lab File: BF083515.D

Acq: 5 Dec 2015 15:26

Tgt Ion: 70 Resp: 140765

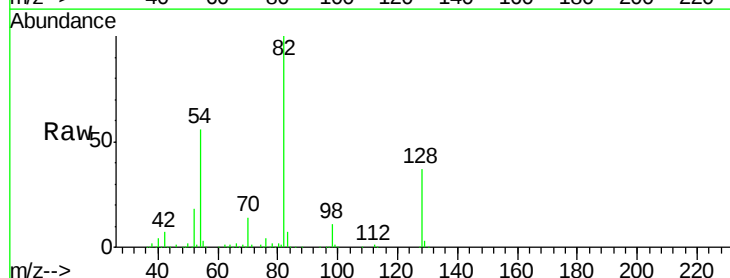
Ion Ratio Lower Upper

70 100

42 50.6 49.2 73.8

101 0.0 7.1 10.7#

130 1.8 15.4 23.0#

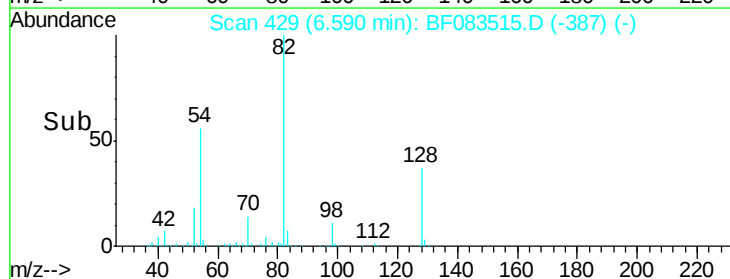
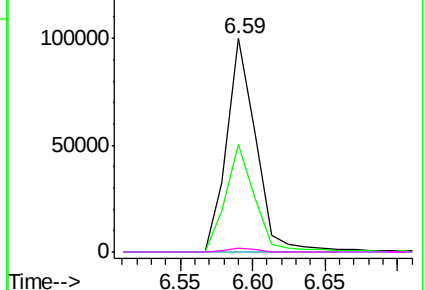


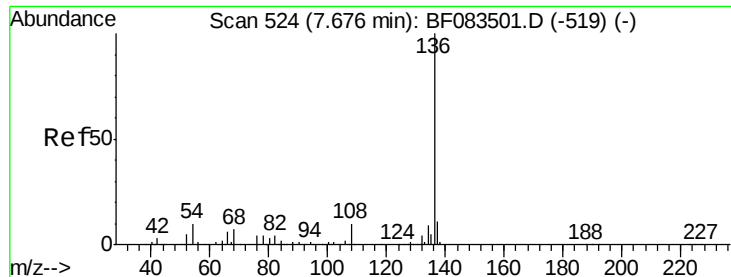
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

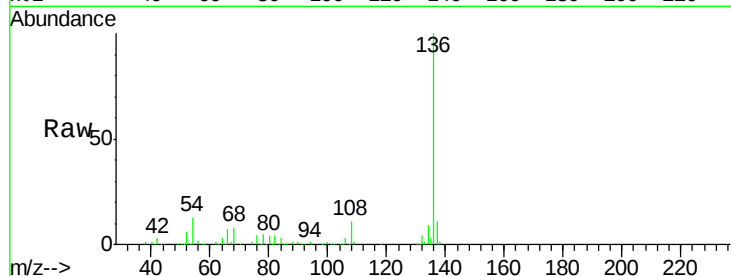




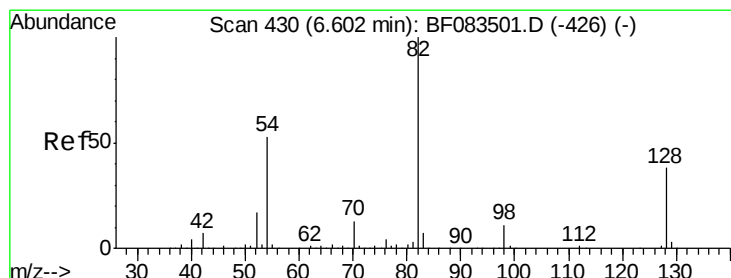
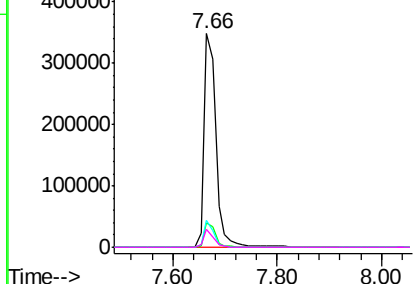
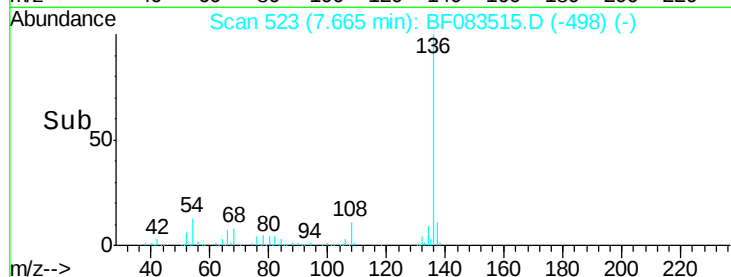
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083515.D
Acq: 5 Dec 2015 15:26

Instrument :
BNA_F
ClientSampleId :
FB112515-5RI

Tot Ion:136	Resp:	551534
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.7 13.1
54	12.6	7.8 11.6#
68	8.2	5.7 8.5

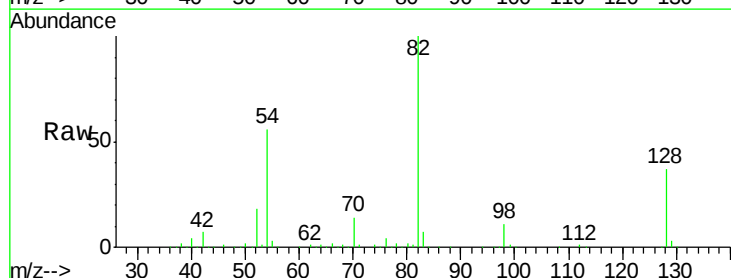


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

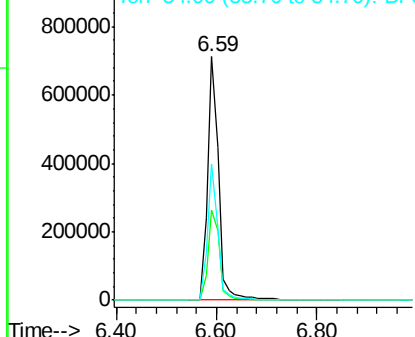
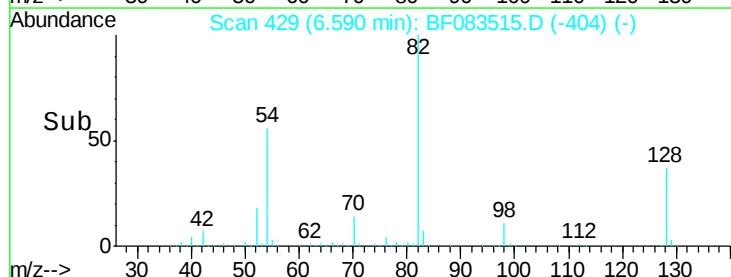


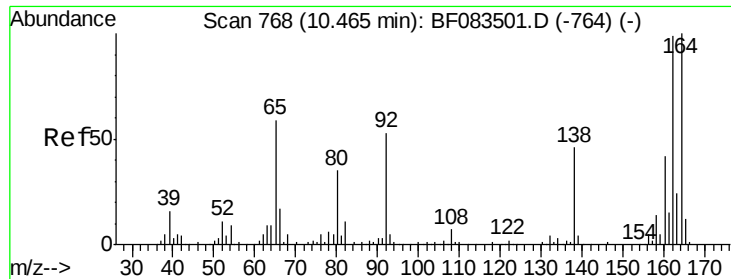
#23
Nitrobenzene-d5
Concen: 91.34 ng
RT: 6.59 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF083515.D
Acq: 5 Dec 2015 15:26

Tgt Ion: 82	Resp:	1077769
Ion	Ratio	Lower Upper
82	100	
128	37.1	30.7 46.1
54	56.1	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: BF083515.D

Acq: 5 Dec 2015 15:26

Instrument :

BNA_F

ClientSampleId :

FB112515-5RI

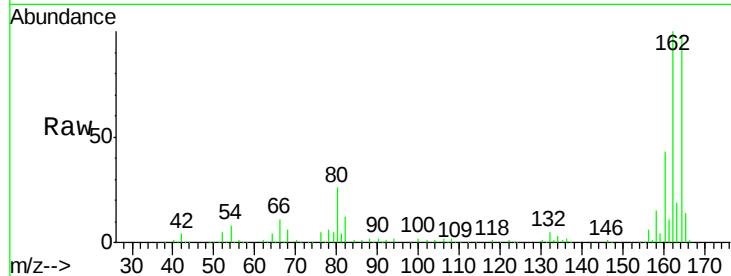
Tot Ion:164 Resp: 270573

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

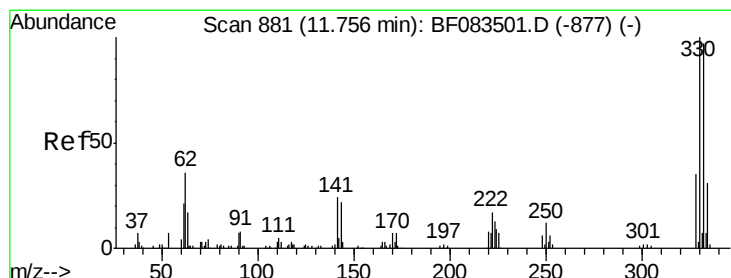
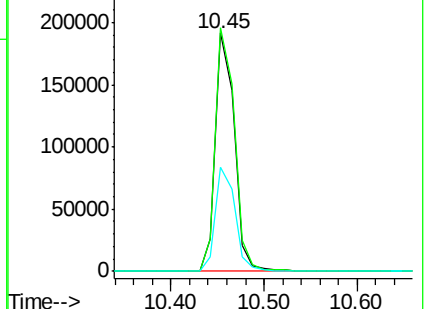
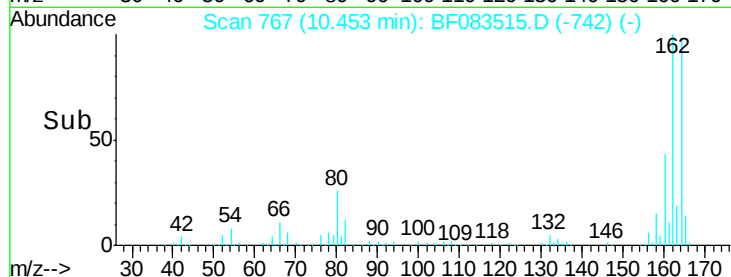
160 43.5 33.4 50.2



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: 131.42 ng

RT: 11.75 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF083515.D

Acq: 5 Dec 2015 15:26

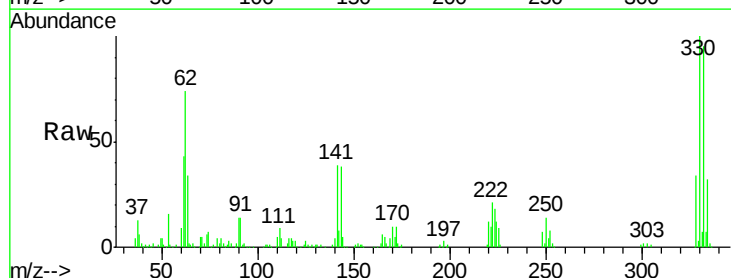
Tgt Ion:330 Resp: 328015

Ion Ratio Lower Upper

330 100

332 95.2 0.0 0.0#

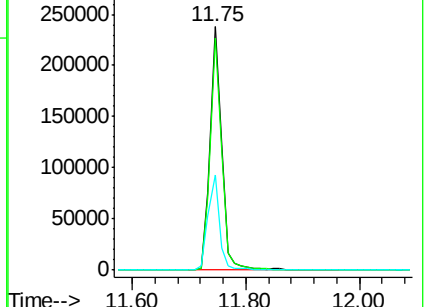
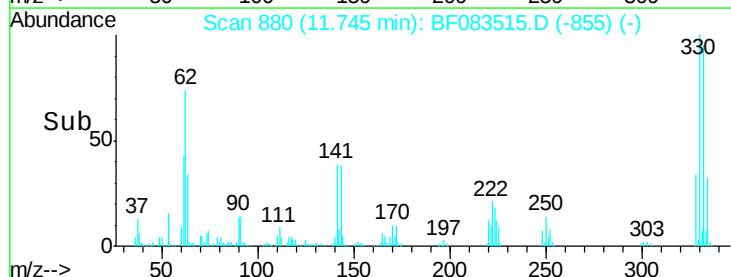
141 38.6 0.0 0.0#

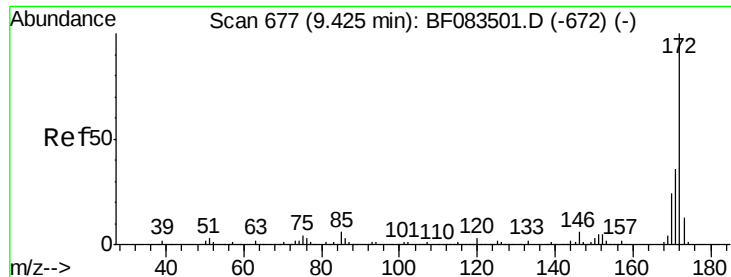


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



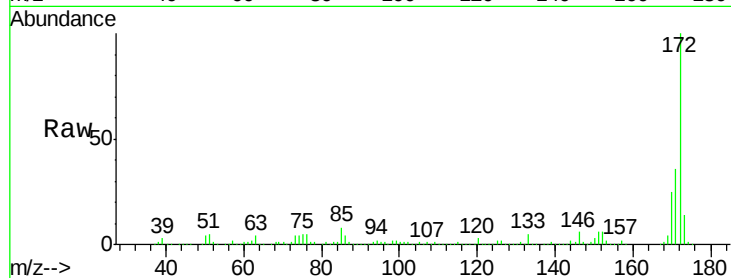


#44
 2-Fluorobiphenyl
 Concen: 86.17 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083515.D
 Acq: 5 Dec 2015 15:26

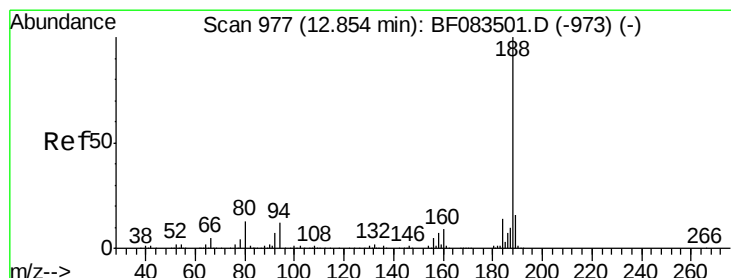
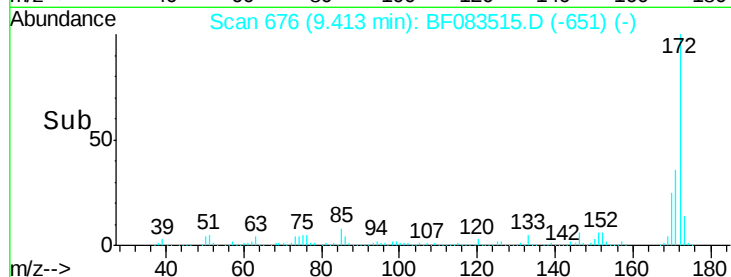
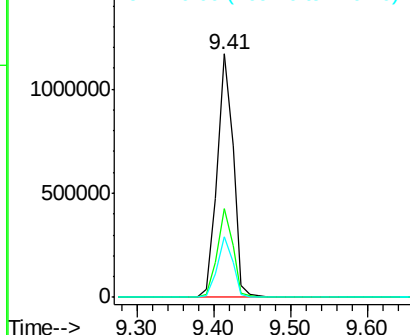
Instrument :
 BNA_F
 ClientSampleId :
 FB112515-5RI

Tot Ion:172 Resp: 1718880

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.8	19.4	29.0



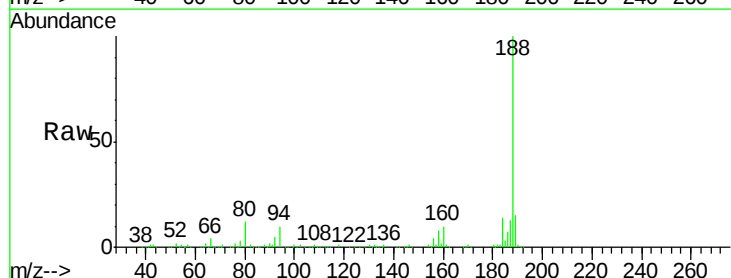
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



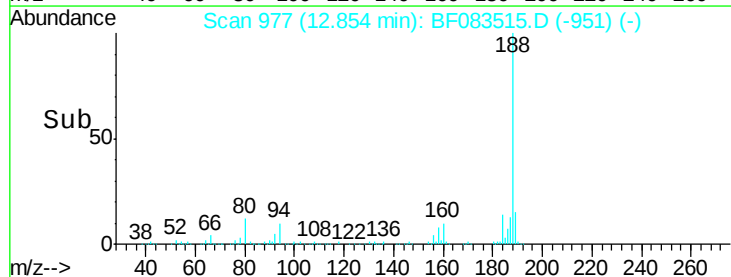
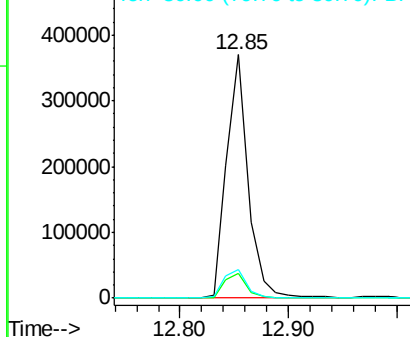
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.85 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF083515.D
 Acq: 5 Dec 2015 15:26

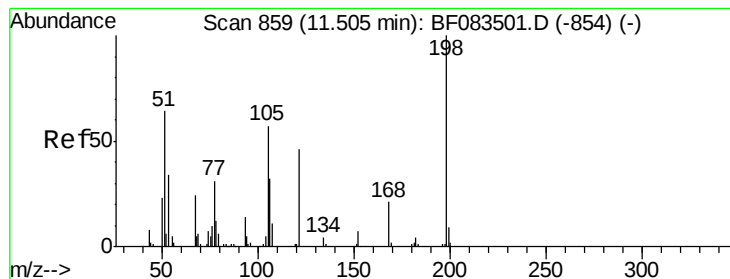
Tgt Ion:188 Resp: 507279

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.6	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: 3.61 ng

RT: 11.75 min Scan# 880

Delta R.T. 0.24 min

Lab File: BF083515.D

Acq: 5 Dec 2015 15:26

Instrument :

BNA_F

ClientSampleId :

FB112515-5RI

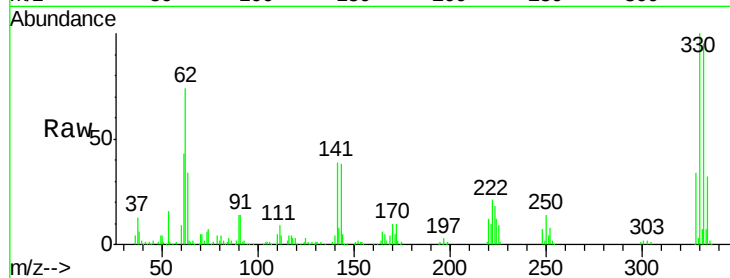
Tot Ion:198 Resp: 472

Ion Ratio Lower Upper

198 100

51 212.8 53.8 93.8#

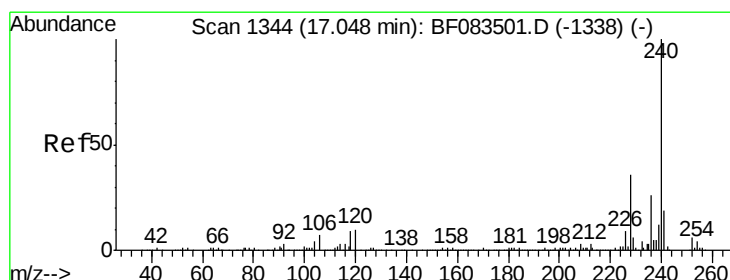
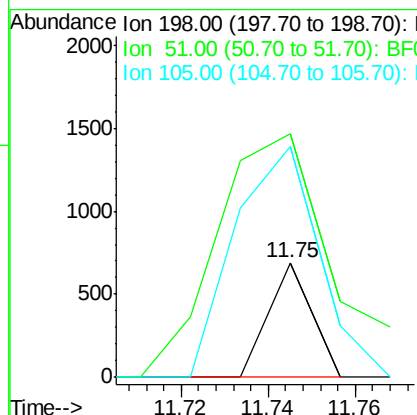
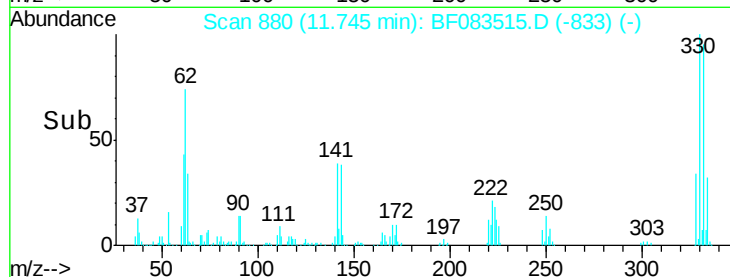
105 201.5 38.6 78.6#



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: BF083515.D

Acq: 5 Dec 2015 15:26

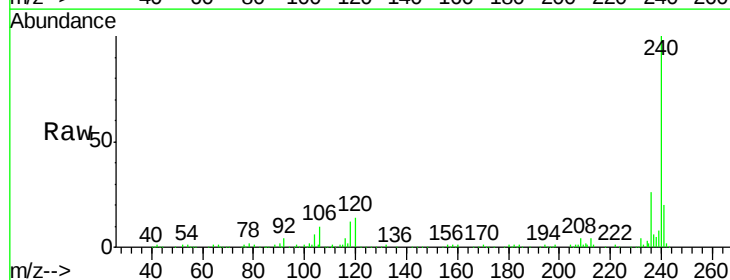
Tgt Ion:240 Resp: 415676

Ion Ratio Lower Upper

240 100

120 13.7 8.1 12.1#

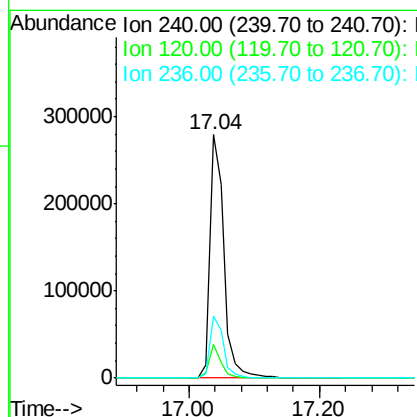
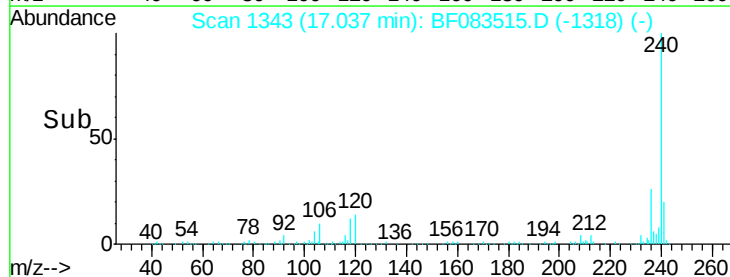
236 25.6 20.8 31.2

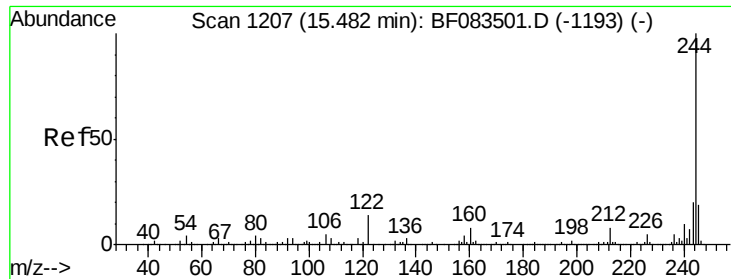


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

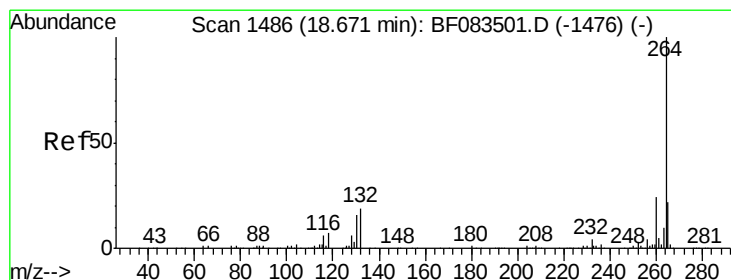
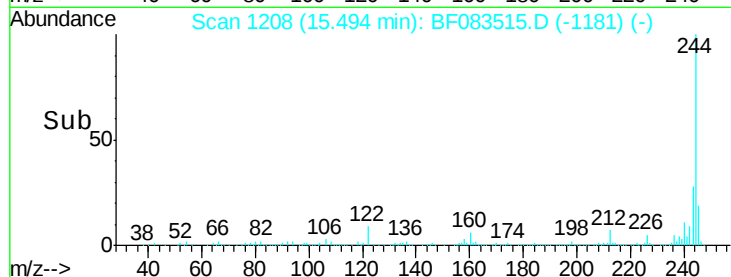
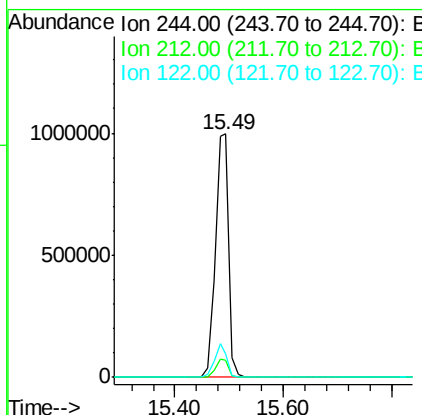
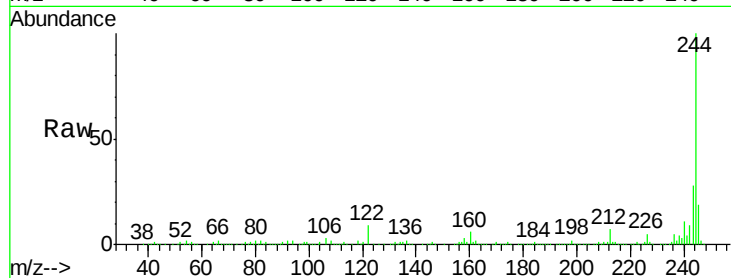




#78
 Terphenyl-d14
 Concen: 93.01 ng
 RT: 15.49 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF083515.D
 Acq: 5 Dec 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 FB112515-5RI

Tot Ion:244 Resp: 1737483
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 9.4 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: BF083515.D
 Acq: 5 Dec 2015 15:26

Tgt Ion:264 Resp: 330445
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 21.7 17.8 26.6

