

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083423.D
 Acq On : 2 Dec 2015 17:44
 Operator : UM/IZ
 Sample : G4584-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-18(4-8.5)

Quant Time: Dec 03 03:57:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

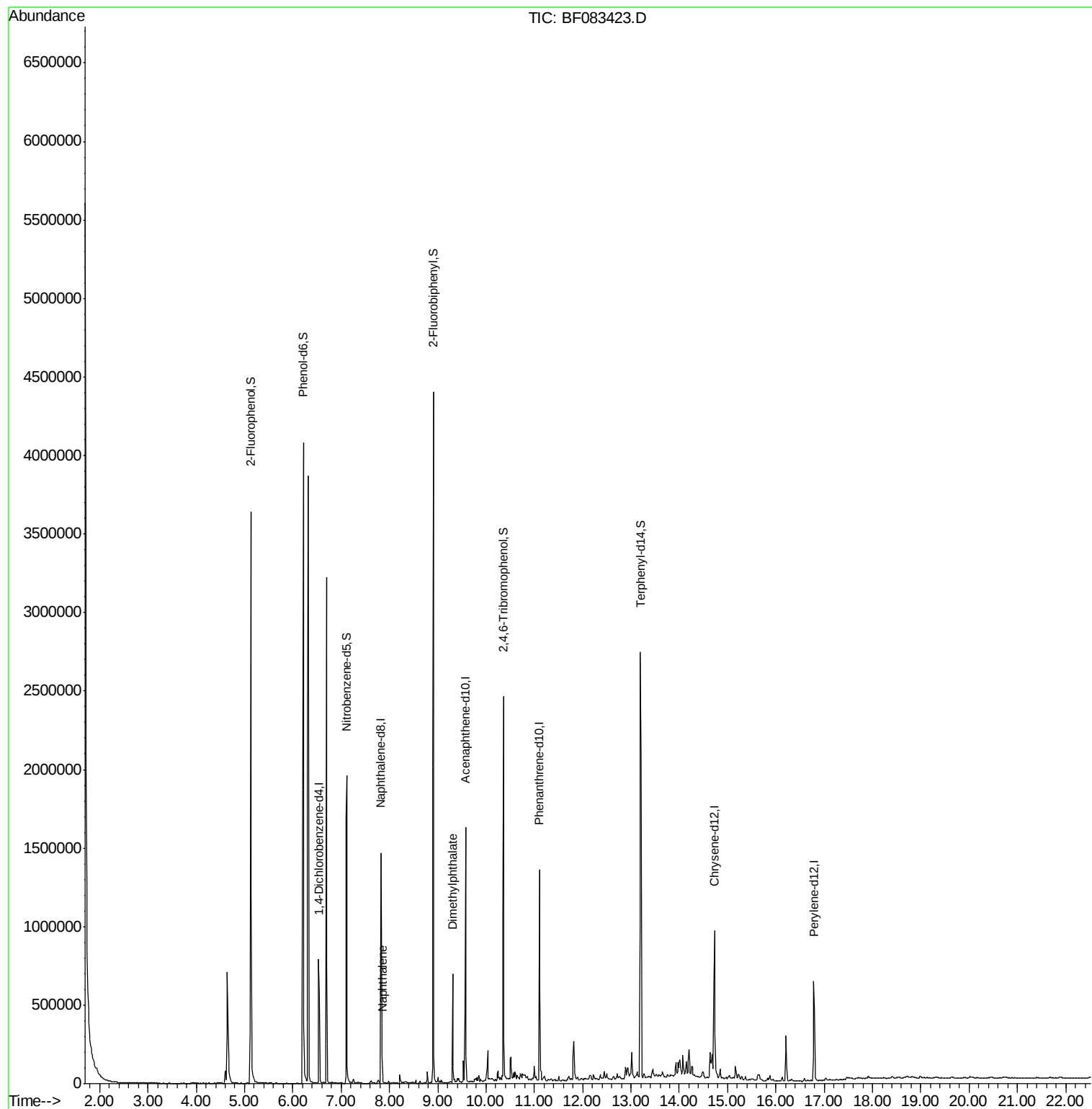
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	155825	20.00	ng	-0.01
21) Naphthalene-d8	7.82	136	623987	20.00	ng	-0.01
38) Acenaphthene-d10	9.57	164	320471	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	569921	20.00	ng	-0.02
75) Chrysene-d12	14.73	240	473647	20.00	ng	-0.03
86) Perylene-d12	16.79	264	353088	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1052014	101.31	ng	0.00
7) Phenol-d6	6.21	99	1584381	111.47	ng	-0.01
23) Nitrobenzene-d5	7.12	82	945446	66.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	279266	86.81	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1501912	66.79	ng	-0.01
78) Terphenyl-d14	13.20	244	1346898	67.82	ng	-0.02
Target Compounds						
31) Naphthalene	7.85	128	71772	2.12	ng	98
49) Dimethylphthalate	9.31	163	260527	10.00	ng	97

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

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SB-P3WC-18(4-8.5)

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QLast Update : Tue Dec 01 01:17:16 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.53 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF083423.D

Acq: 2 Dec 2015 17:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-18(4-8.5)

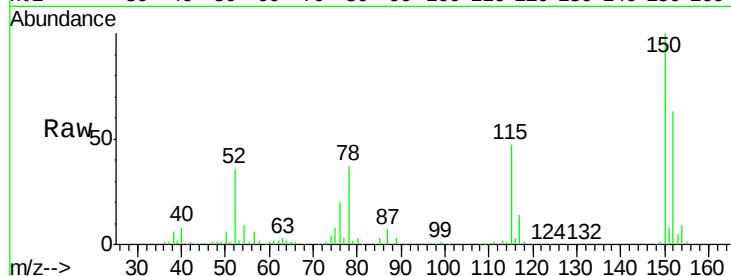
Tot Ion:152 Resp: 155825

Ion Ratio Lower Upper

152 100

150 159.9 129.8 194.8

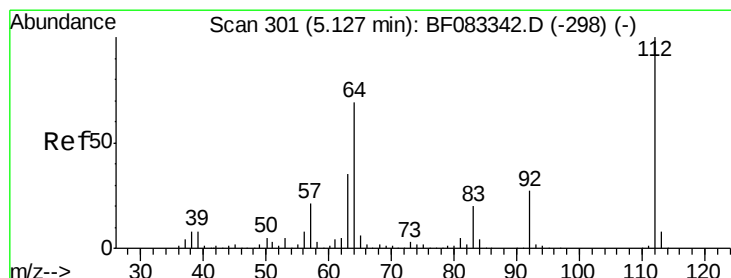
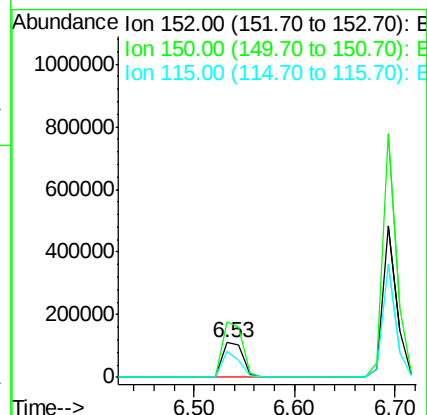
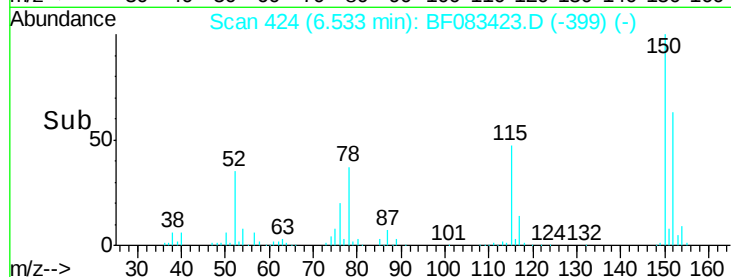
115 75.5 59.2 88.8



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: 101.31 ng

RT: 5.13 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083423.D

Acq: 2 Dec 2015 17:44

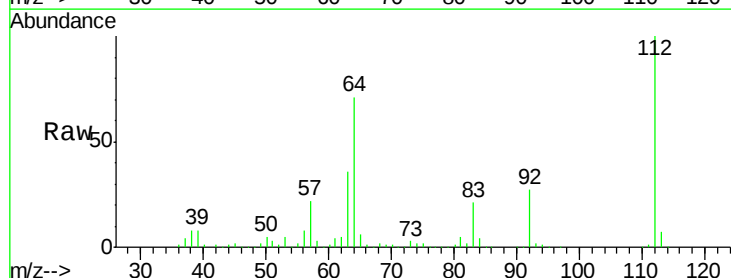
Tgt Ion:112 Resp: 1052014

Ion Ratio Lower Upper

112 100

64 70.5 55.6 83.4

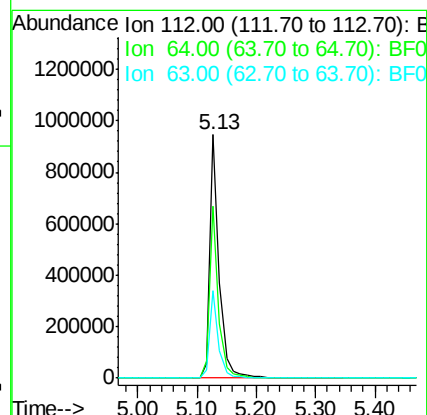
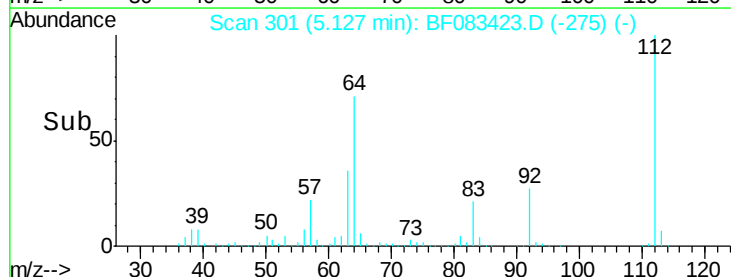
63 35.7 28.2 42.2

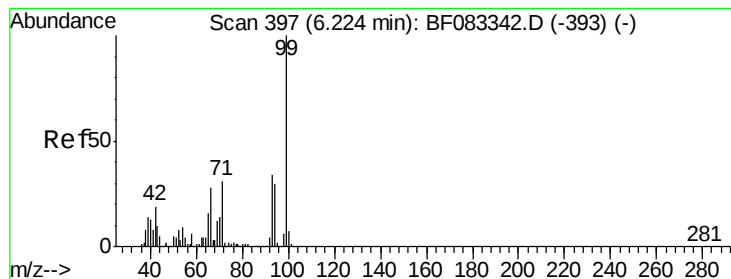


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.47 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083423.D

Acq: 2 Dec 2015 17:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-18(4-8.5)

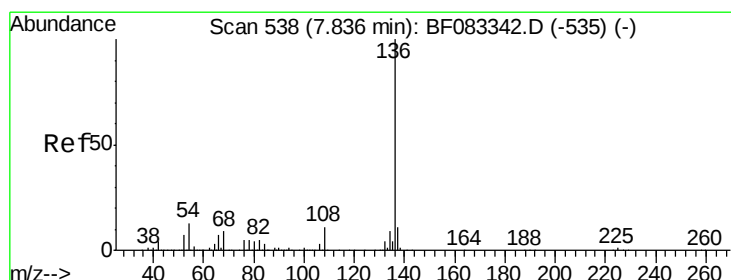
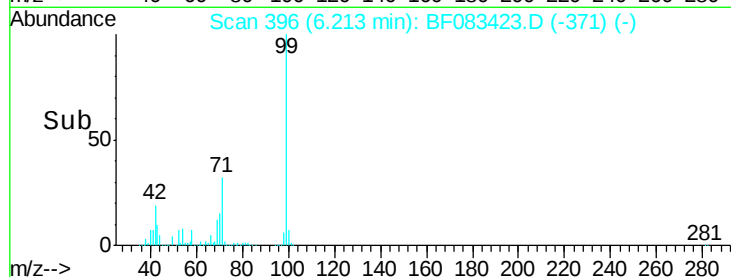
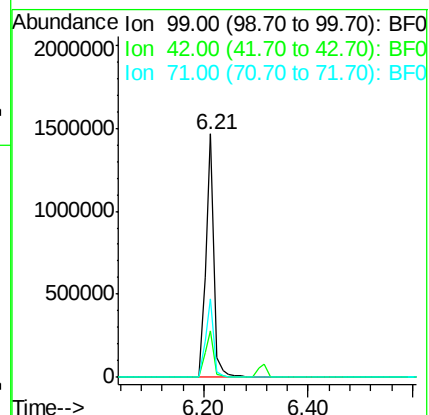
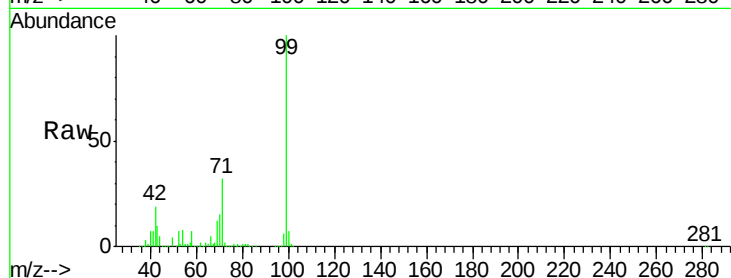
Tot Ion: 99 Resp: 1584381

Ion Ratio Lower Upper

99 100

42 19.0 14.9 22.3

71 32.3 24.7 37.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083423.D

Acq: 2 Dec 2015 17:44

Tgt Ion: 136 Resp: 623987

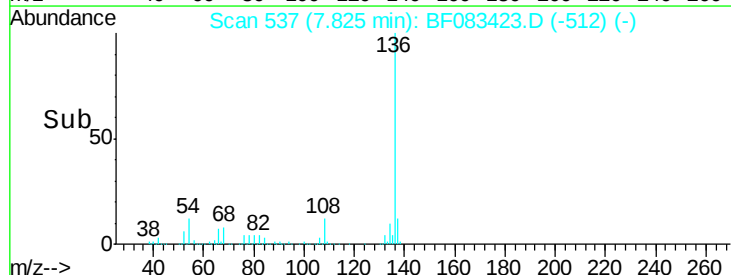
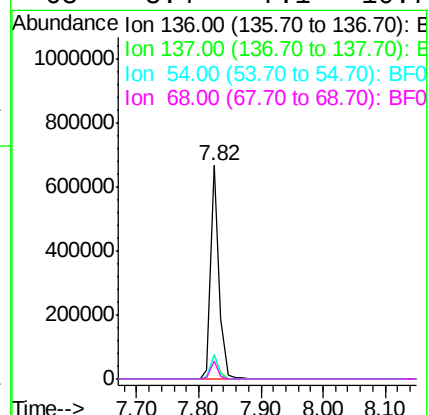
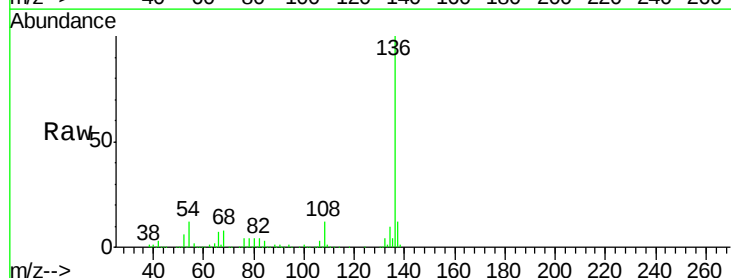
Ion Ratio Lower Upper

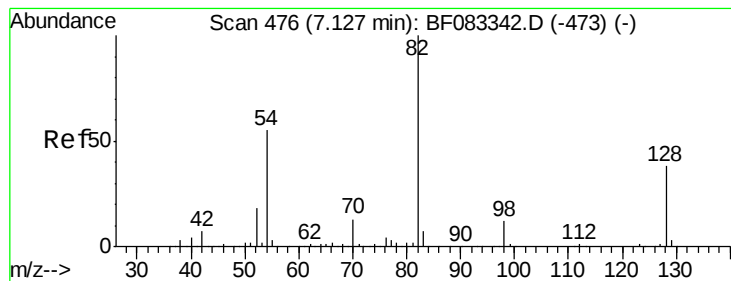
136 100

137 11.5 9.0 13.4

54 11.6 10.1 15.1

68 8.4 7.1 10.7





#23

Nitrobenzene-d5

Concen: 66.61 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083423.D

Acq: 2 Dec 2015 17:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-18(4-8.5)

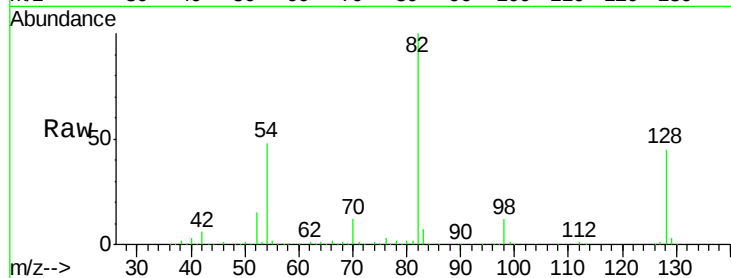
Tot Ion: 82 Resp: 945446

Ion Ratio Lower Upper

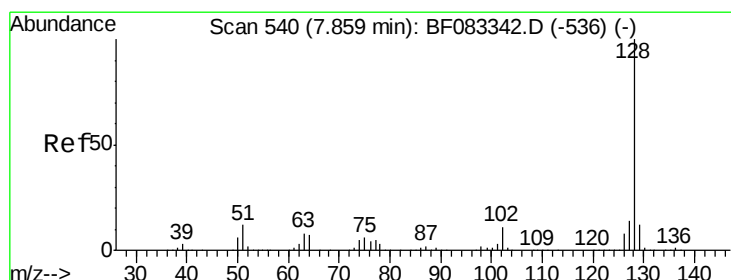
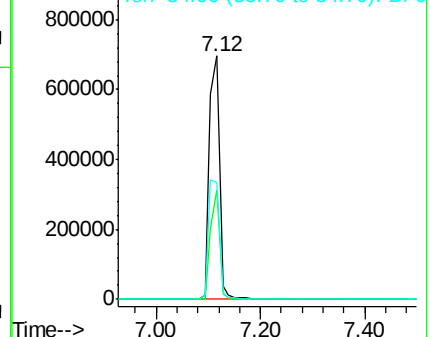
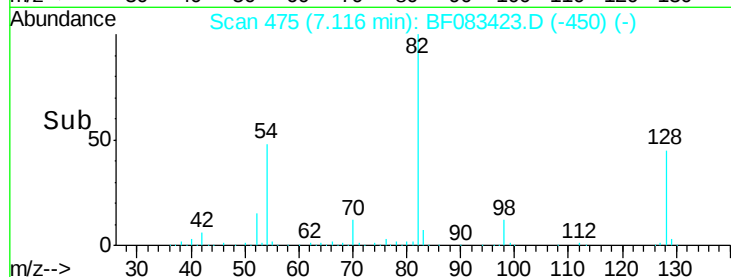
82 100

128 44.8 30.6 46.0

54 48.0 43.8 65.6



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



#31

Naphthalene

Concen: 2.12 ng

RT: 7.85 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF083423.D

Acq: 2 Dec 2015 17:44

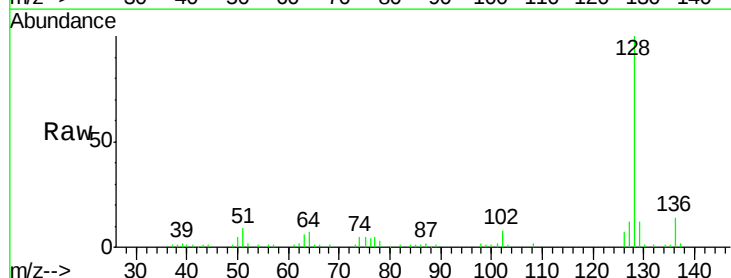
Tgt Ion: 128 Resp: 71772

Ion Ratio Lower Upper

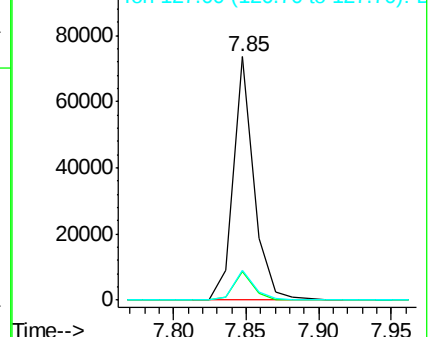
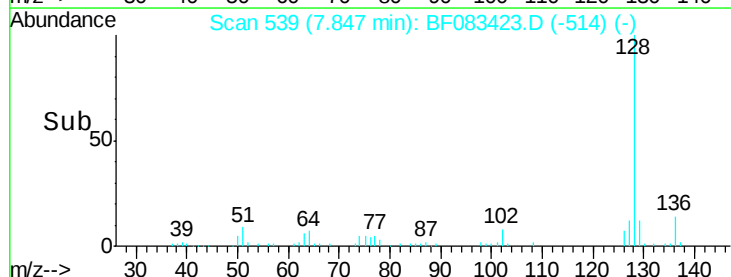
128 100

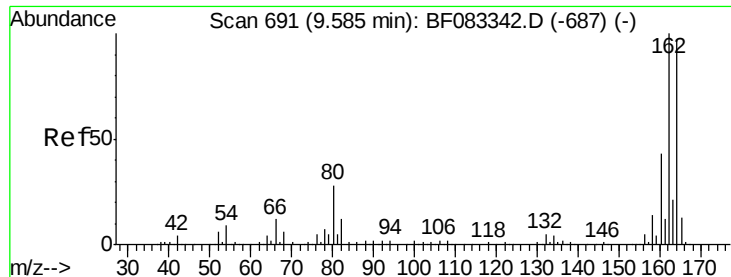
129 11.8 9.7 14.5

127 12.4 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF083423.D

Acq: 2 Dec 2015 17:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-18(4-8.5)

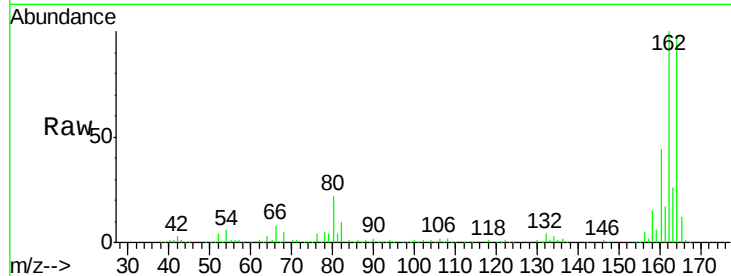
Tot Ion:164 Resp: 320471

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

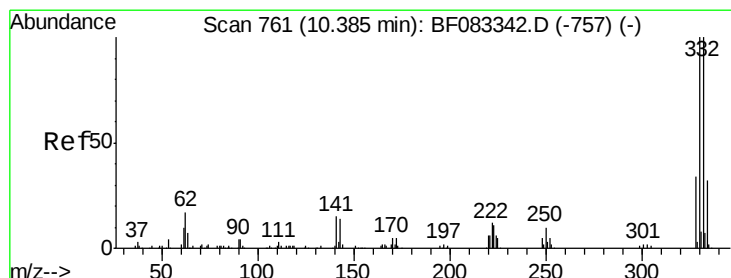
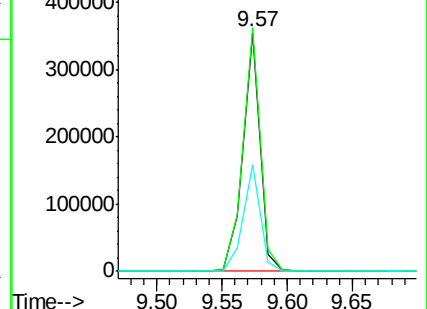
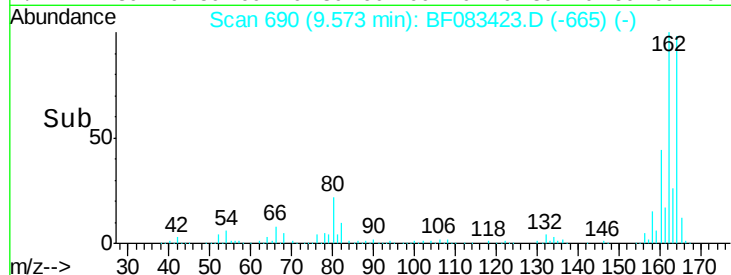
160 44.5 35.3 52.9



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: 86.81 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF083423.D

Acq: 2 Dec 2015 17:44

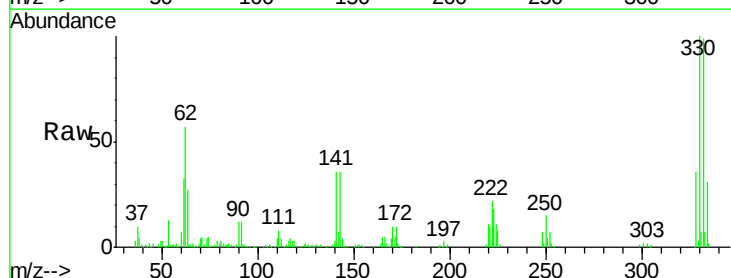
Tgt Ion:330 Resp: 279266

Ion Ratio Lower Upper

330 100

332 97.9 77.8 116.6

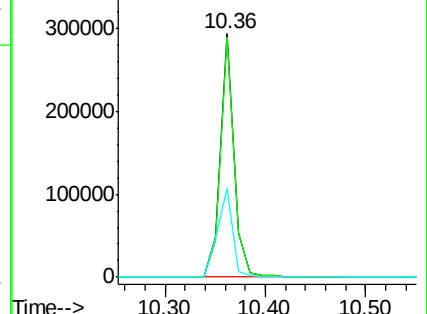
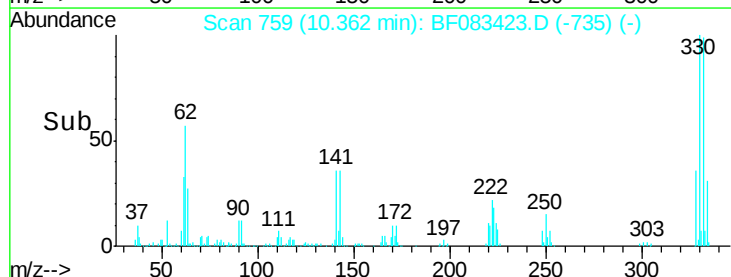
141 40.5 29.4 44.0

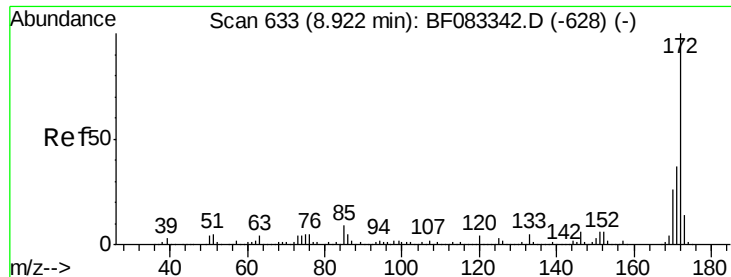


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

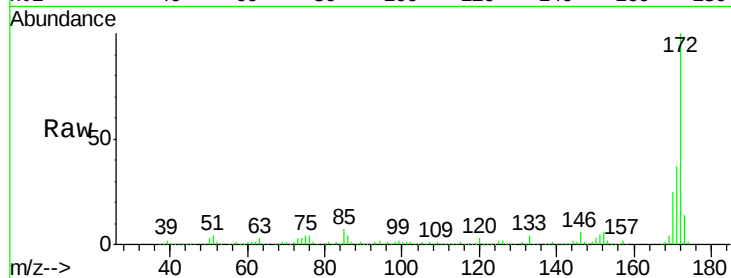




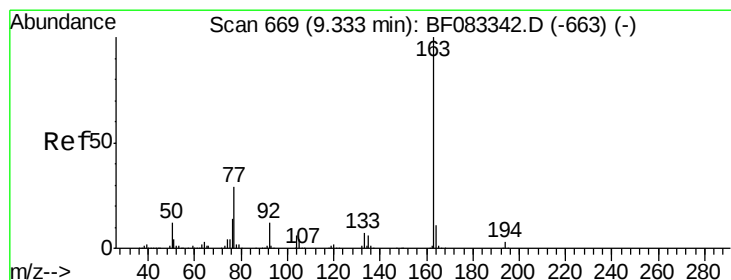
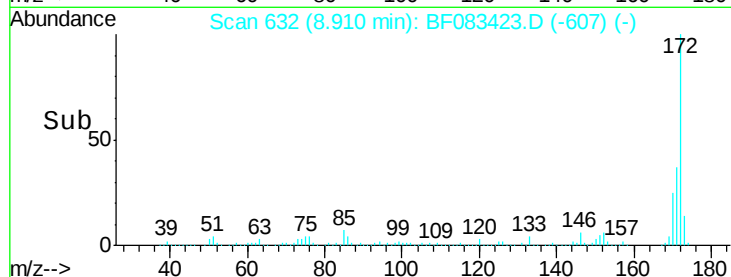
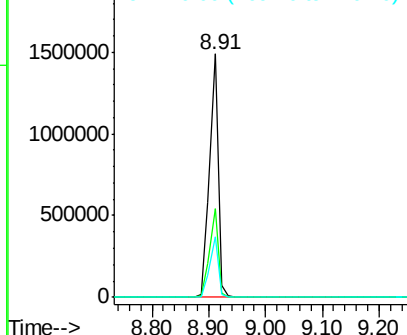
#44
2-Fluorobiphenyl
Concen: 66.79 ng
RT: 8.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083423.D
Acq: 2 Dec 2015 17:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-18(4-8.5)

Tot Ion:172 Resp: 1501912
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.8 20.4 30.6

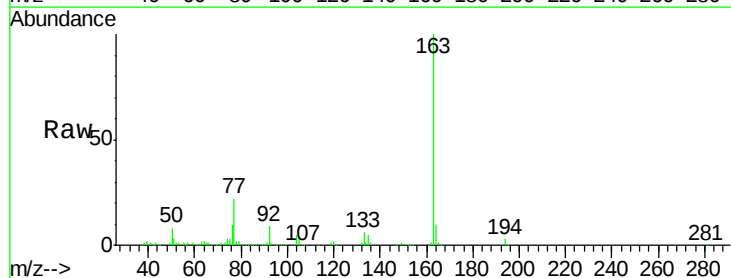


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

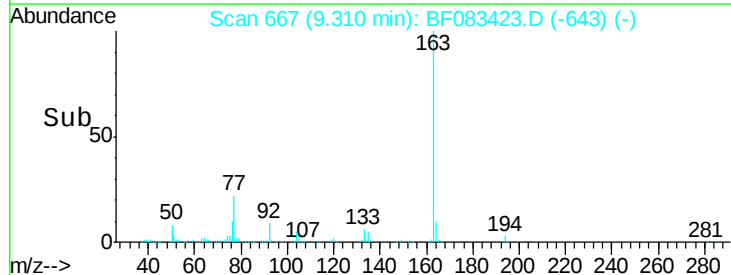
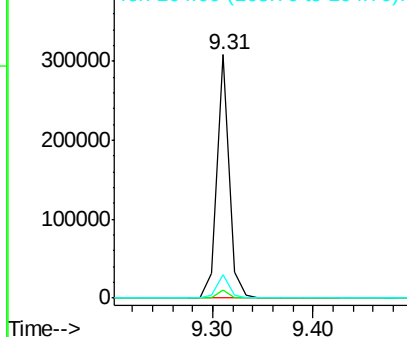


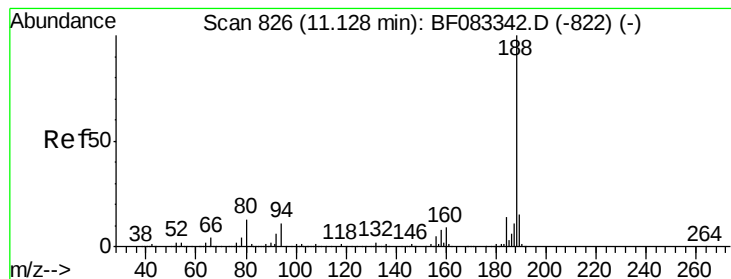
#49
Dimethylphthalate
Concen: 10.00 ng
RT: 9.31 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF083423.D
Acq: 2 Dec 2015 17:44

Tgt Ion:163 Resp: 260527
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.6 8.8 13.2



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: 11.10 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF083423.D

Acq: 2 Dec 2015 17:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-18(4-8.5)

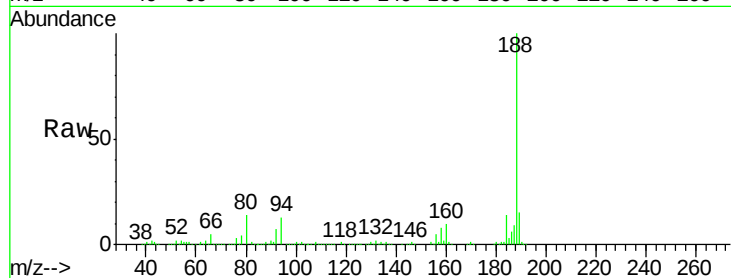
Tot Ion:188 Resp: 569921

Ion Ratio Lower Upper

188 100

94 12.7 8.7 13.1

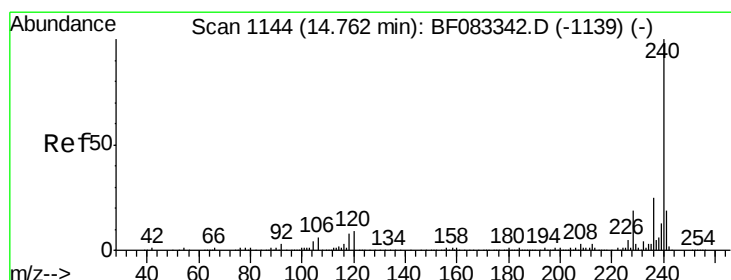
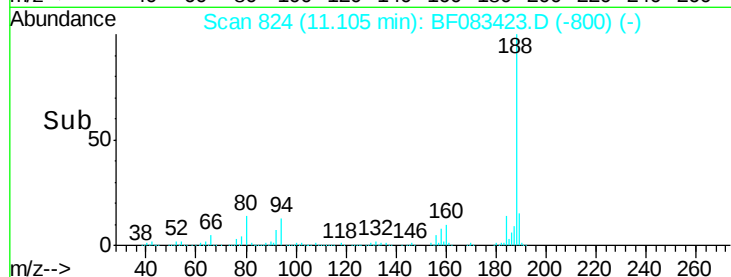
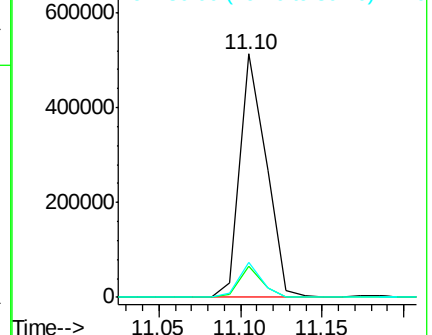
80 14.3 10.3 15.5



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: 14.73 min Scan# 1141

Delta R.T. -0.03 min

Lab File: BF083423.D

Acq: 2 Dec 2015 17:44

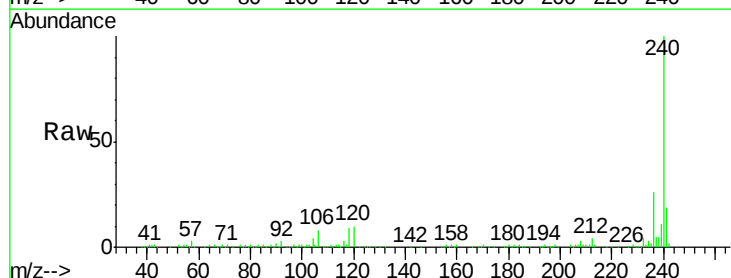
Tgt Ion:240 Resp: 473647

Ion Ratio Lower Upper

240 100

120 10.1 6.9 10.3

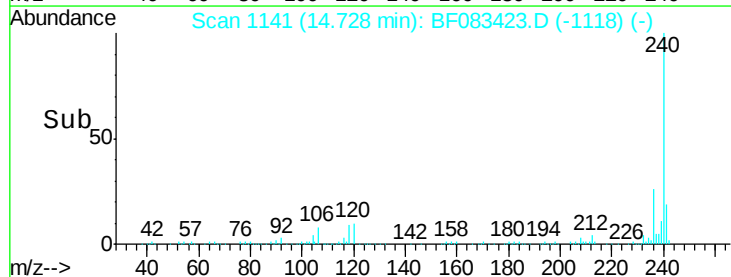
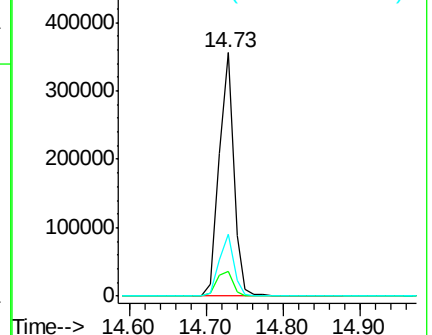
236 25.5 19.8 29.6

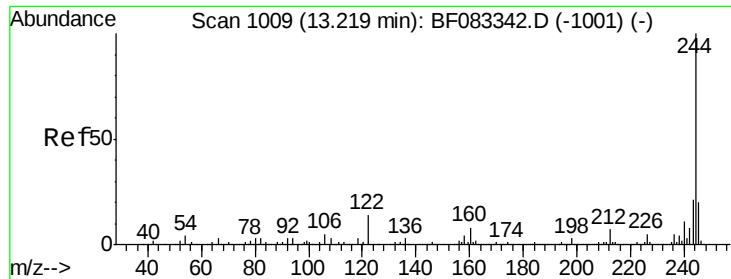


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

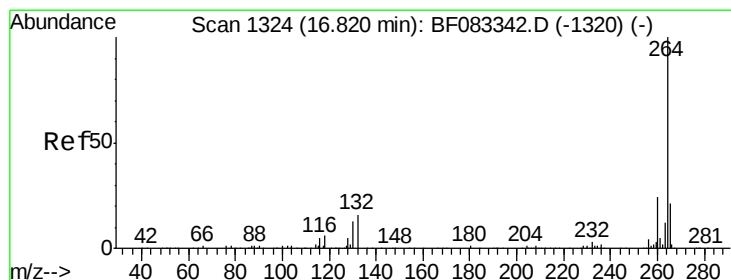
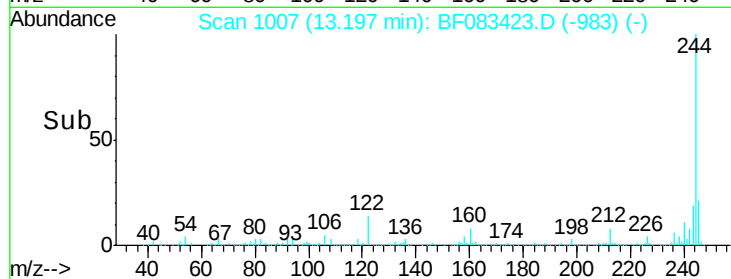
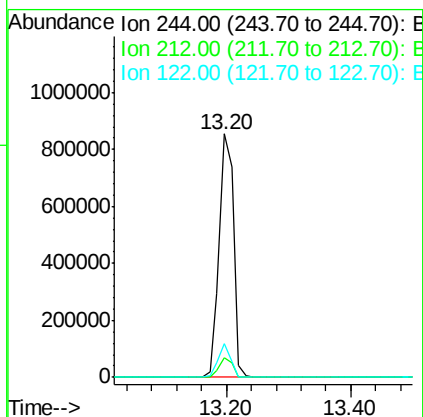
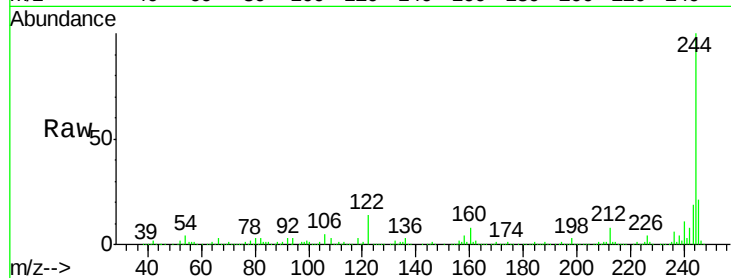




#78
 Terphenyl-d14
 Concen: 67.82 ng
 RT: 13.20 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BF083423.D
 Acq: 2 Dec 2015 17:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-18(4-8.5)

Tot Ion:244 Resp: 1346898
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 13.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.79 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF083423.D
 Acq: 2 Dec 2015 17:44

Tgt Ion:264 Resp: 353088
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 22.2 16.8 25.2

