

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091288.D
 Acq On : 23 Nov 2016 21:25
 Operator : UM/SJ
 Sample : H5740-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(4-6)

Quant Time: Nov 24 00:33:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

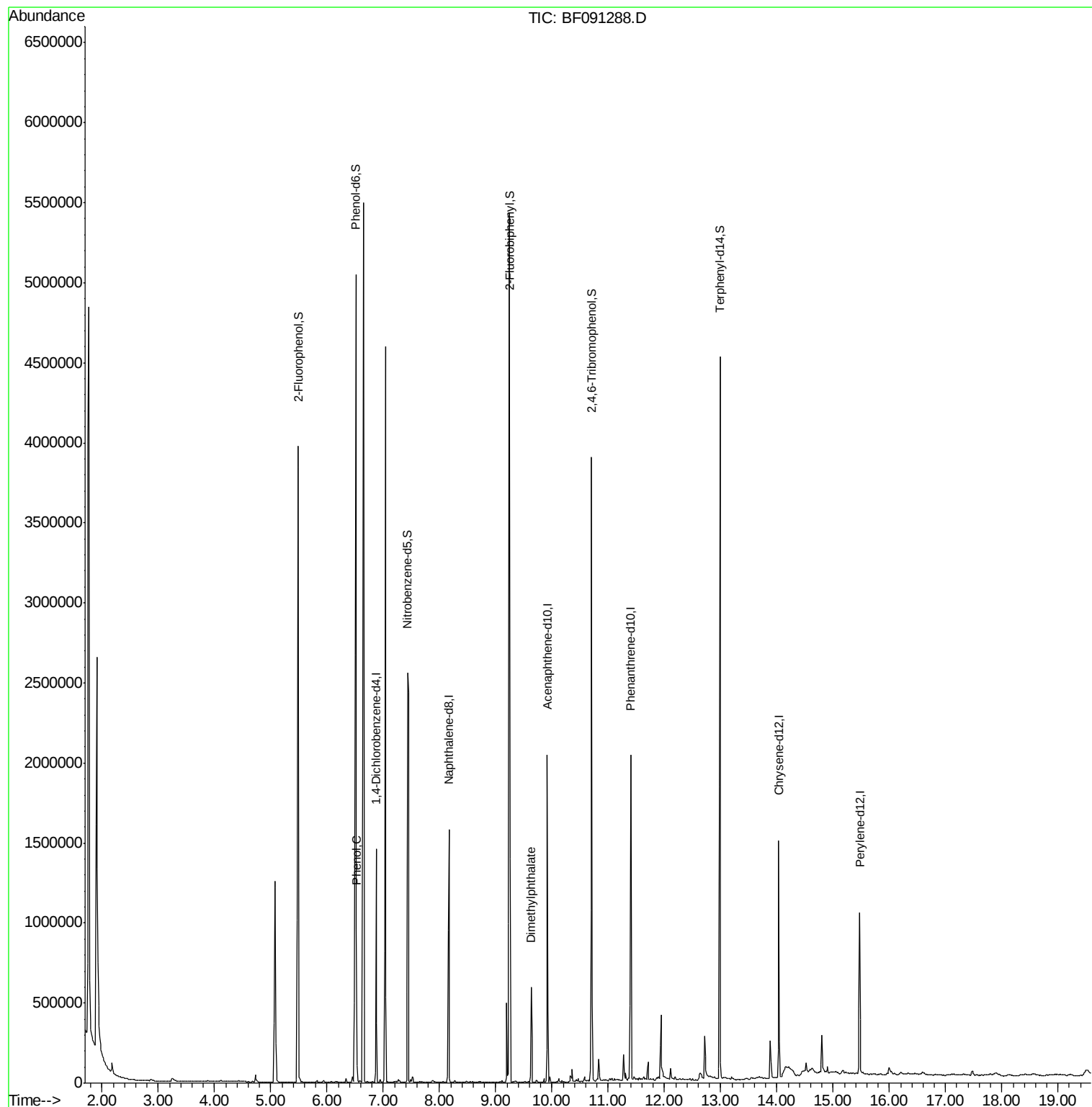
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	203945	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	855481	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	441669	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	719850	20.00	ng	0.00
75) Chrysene-d12	14.03	240	493488	20.00	ng	-0.01
86) Perylene-d12	15.47	264	484941	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1562386	123.09	ng	0.02
7) Phenol-d6	6.51	99	1795879	110.12	ng	0.01
23) Nitrobenzene-d5	7.44	82	1228168	82.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	450865	101.23	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1819455	67.45	ng	0.00
78) Terphenyl-d14	12.99	244	1510628	69.91	ng	0.00
Target Compounds						
10) Phenol	6.52	94	148123	8.14	ng	84
49) Dimethylphthalate	9.63	163	269661	9.78	ng	97

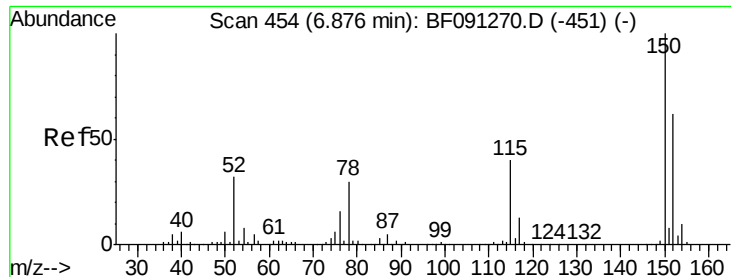
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

Instrument :

BNA_F

ClientSampleId :

SB-01(4-6)

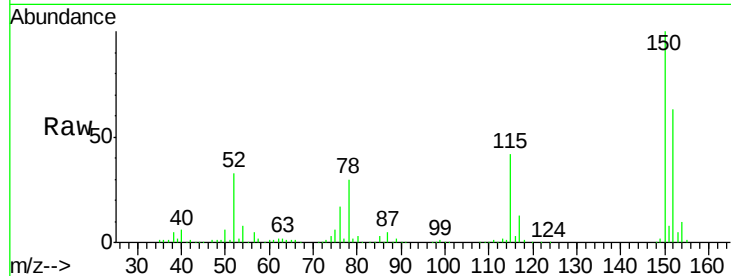
Tgt Ion:152 Resp: 203945

Ion Ratio Lower Upper

152 100

150 159.9 122.5 183.7

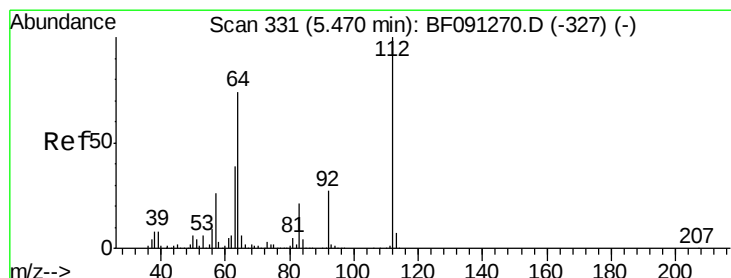
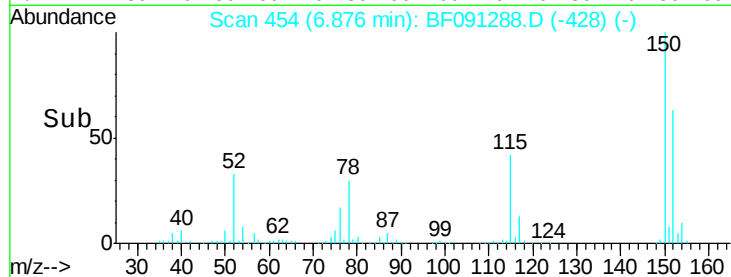
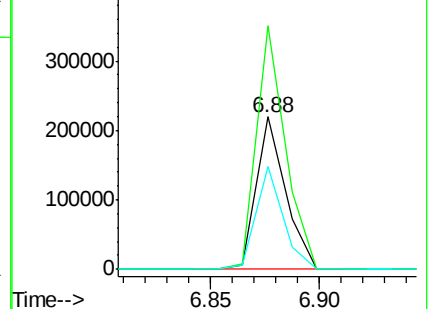
115 67.5 51.8 77.8



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: 123.09 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

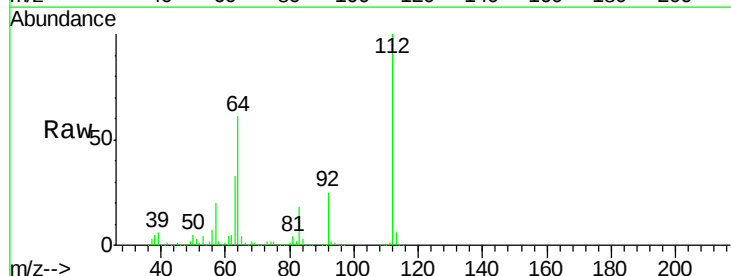
Tgt Ion:112 Resp: 1562386

Ion Ratio Lower Upper

112 100

64 60.7 61.5 92.3#

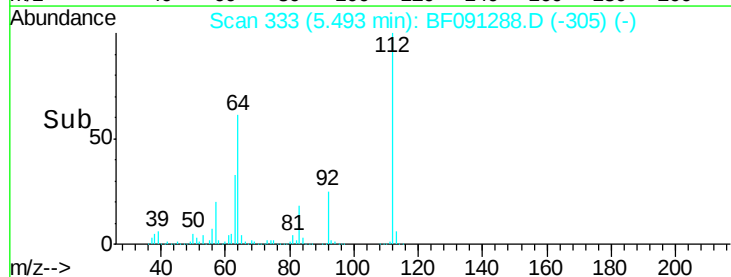
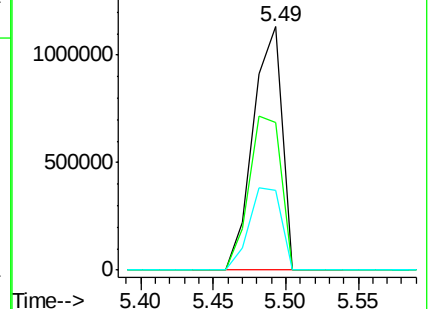
63 32.5 33.3 49.9#

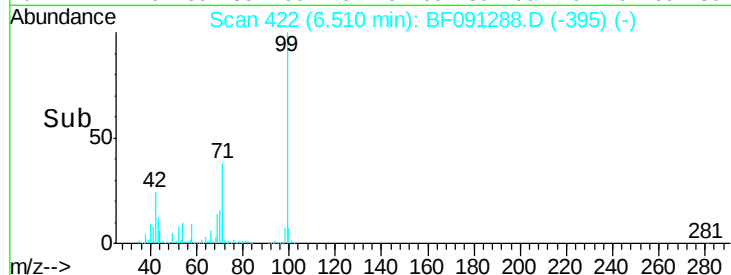
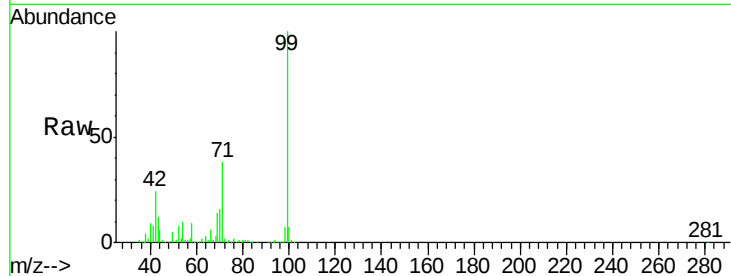
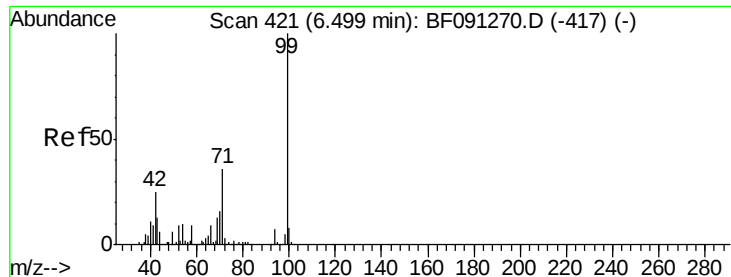


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.12 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

Instrument :

BNA_F

ClientSampleId :

SB-01(4-6)

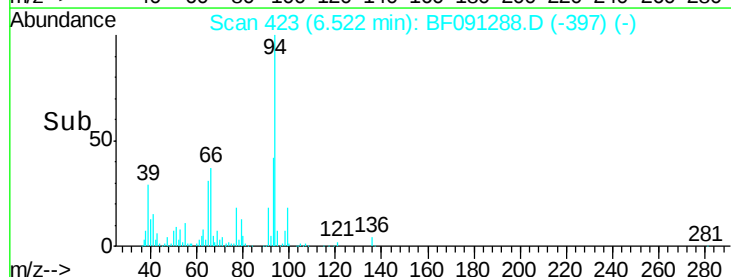
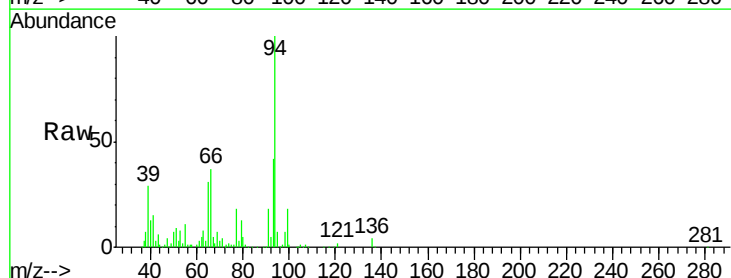
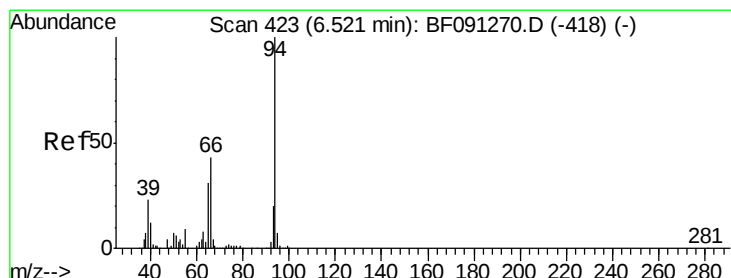
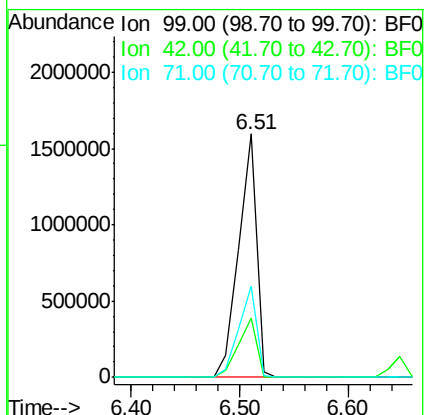
Tgt Ion: 99 Resp: 1795879

Ion Ratio Lower Upper

99 100

42 24.1 20.6 31.0

71 37.6 29.9 44.9



#10

Phenol

Concen: 8.14 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

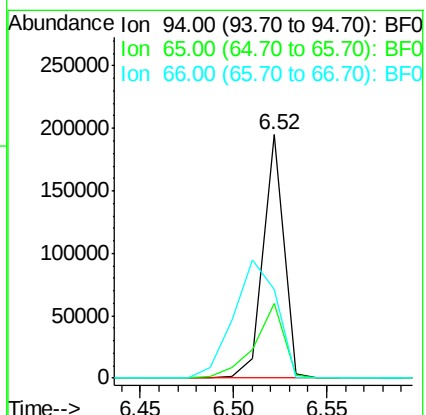
Tgt Ion: 94 Resp: 148123

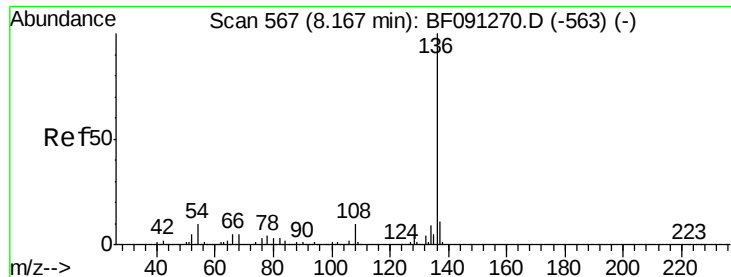
Ion Ratio Lower Upper

94 100

65 30.8 16.9 56.9

66 36.6 30.6 70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

Instrument :

BNA_F

ClientSampleId :

SB-01(4-6)

Tgt Ion:136 Resp: 855481

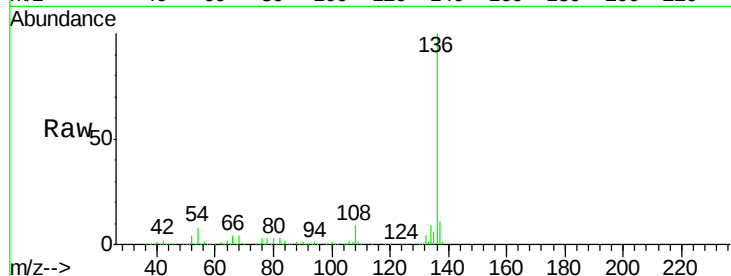
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.4 9.1 13.7#

68 4.4 5.9 8.9#

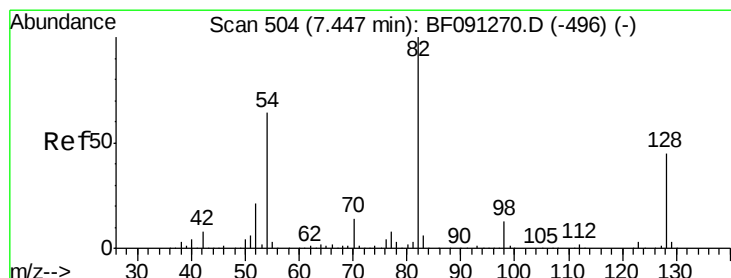
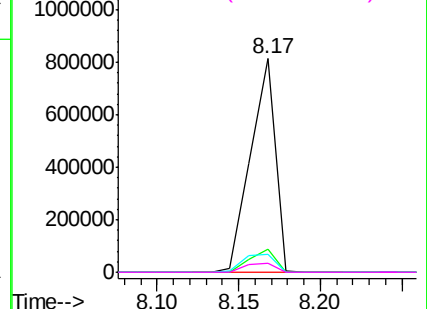
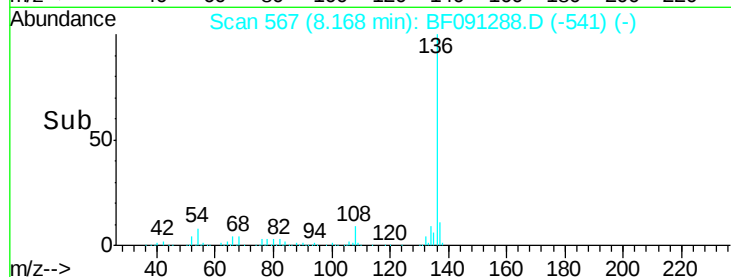


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.65 ng

RT: 7.44 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

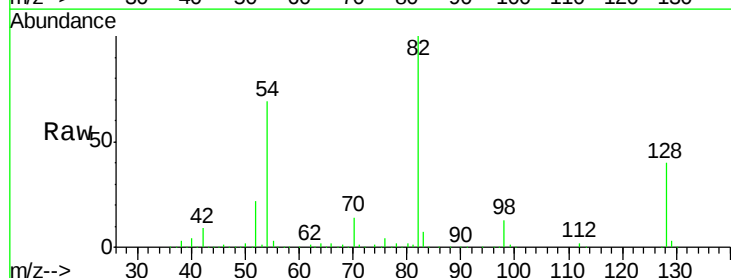
Tgt Ion: 82 Resp: 1228168

Ion Ratio Lower Upper

82 100

128 39.9 31.8 47.6

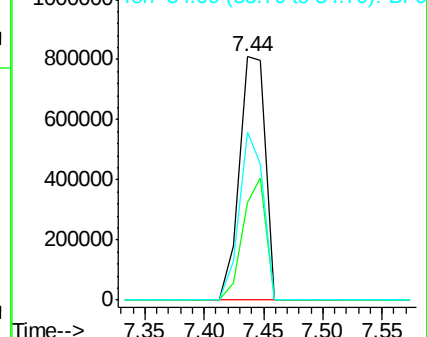
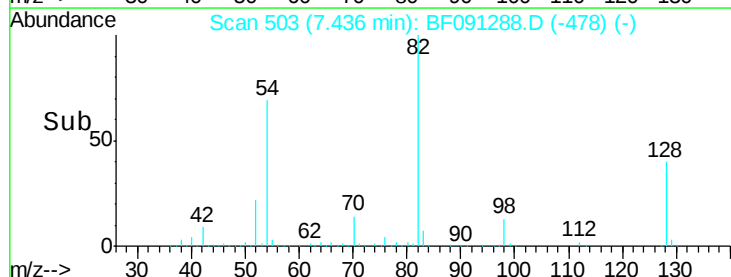
54 69.2 49.1 73.7

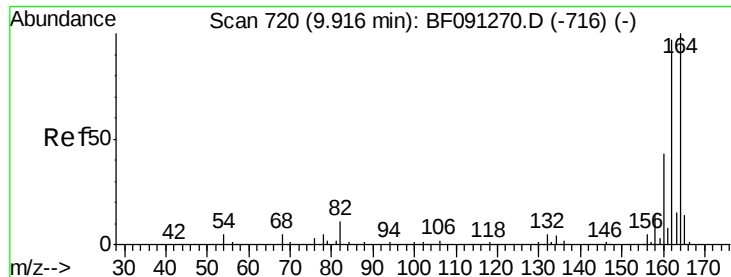


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

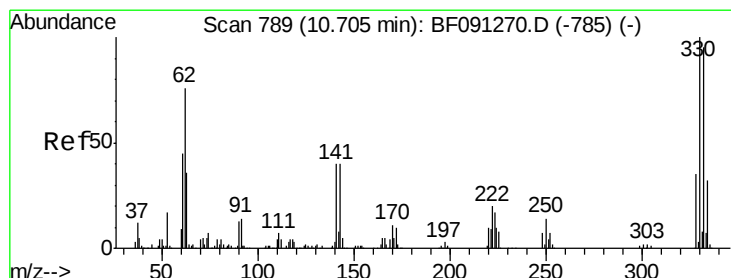
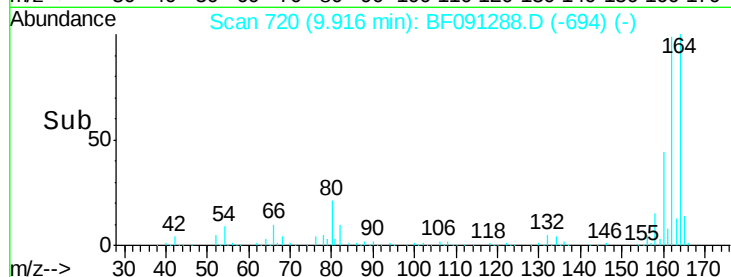
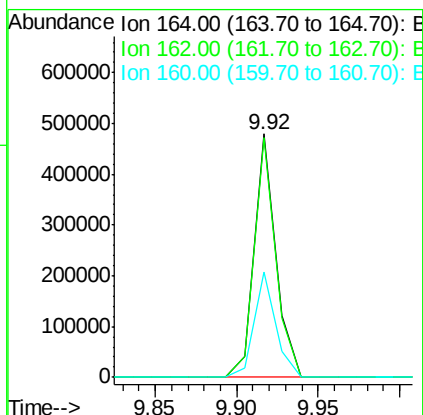
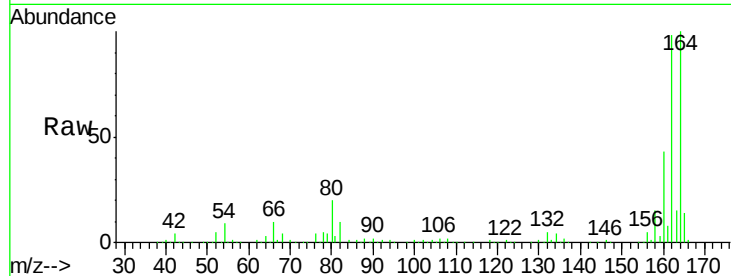




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF091288.D
Acq: 23 Nov 2016 21:25

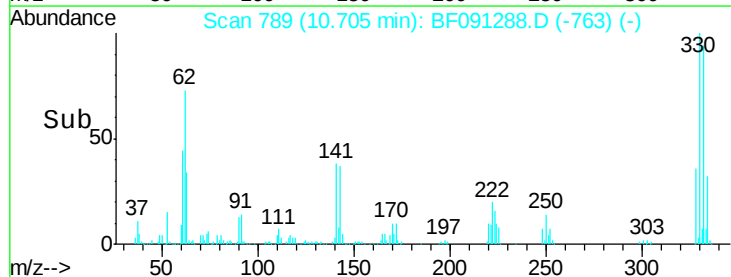
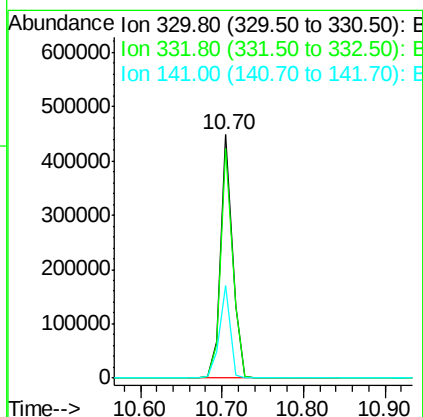
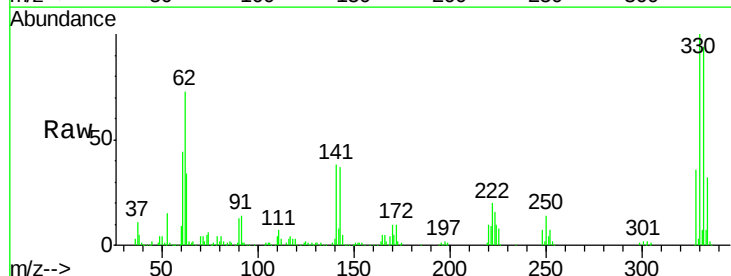
Instrument :
BNA_F
ClientSampleId :
SB-01(4-6)

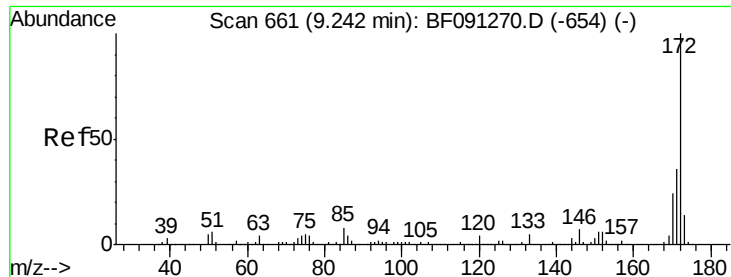
Tgt Ion:164 Resp: 441669
Ion Ratio Lower Upper
164 100
162 98.3 82.6 124.0
160 43.4 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 101.23 ng
RT: 10.70 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF091288.D
Acq: 23 Nov 2016 21:25

Tgt Ion:330 Resp: 450865
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 34.7 33.6 50.4

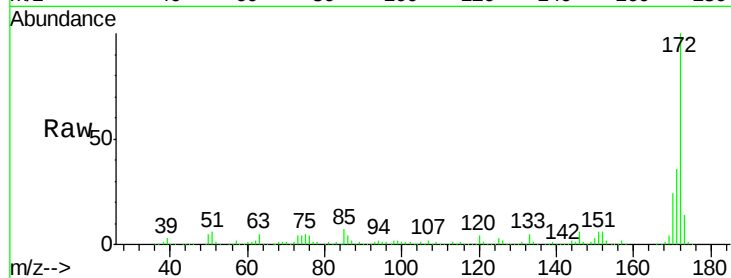




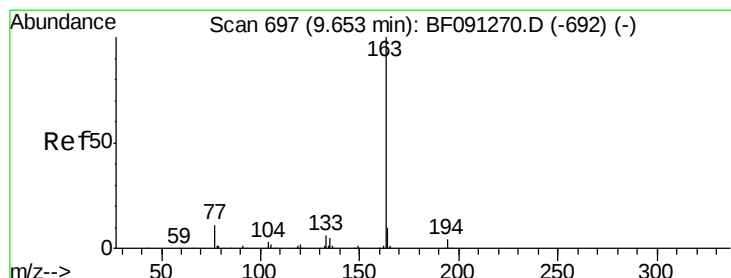
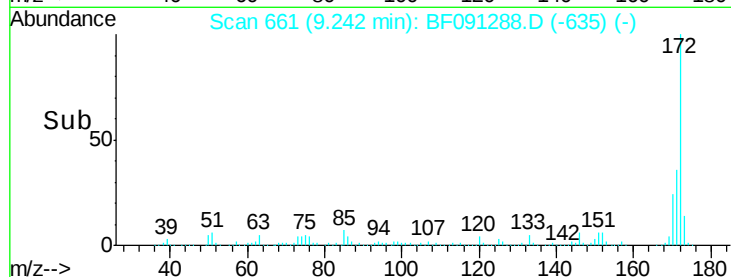
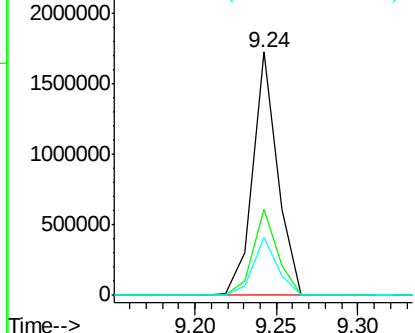
#44
 2-Fluorobiphenyl
 Concen: 67.45 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091288.D
 Acq: 23 Nov 2016 21:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(4-6)

Tgt Ion:172 Resp: 1819455
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 23.9 19.7 29.5

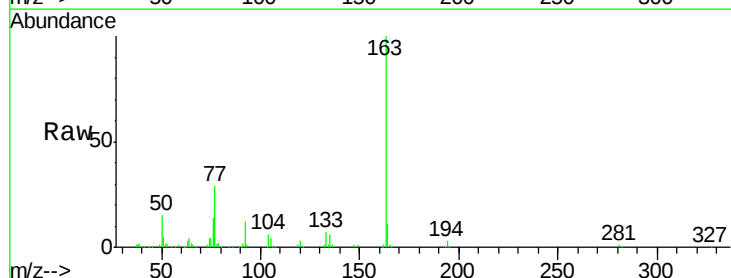


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

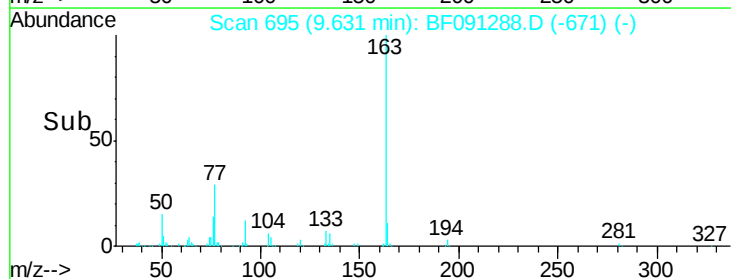
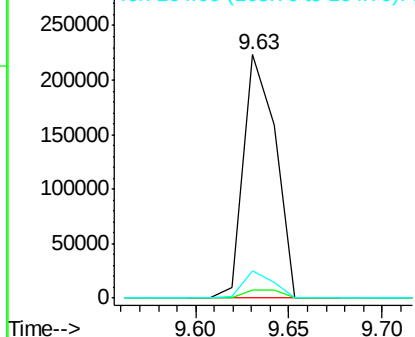


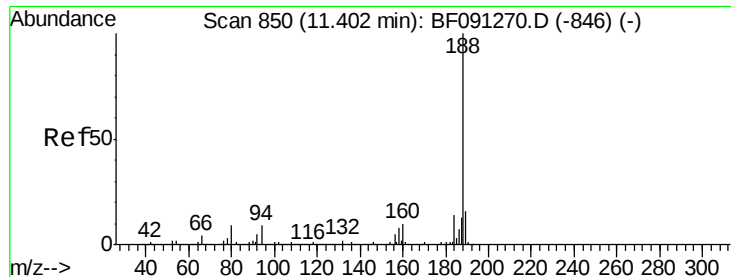
#49
 Dimethylphthalate
 Concen: 9.78 ng
 RT: 9.63 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF091288.D
 Acq: 23 Nov 2016 21:25

Tgt Ion:163 Resp: 269661
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 11.1 7.8 11.8



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

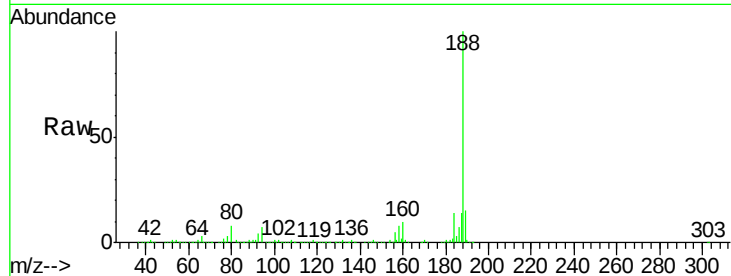




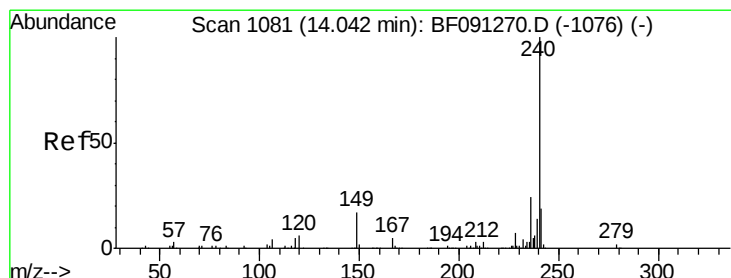
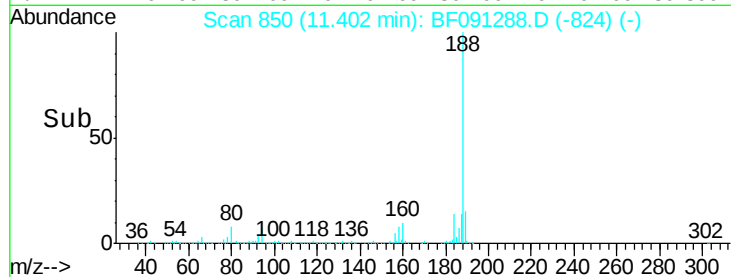
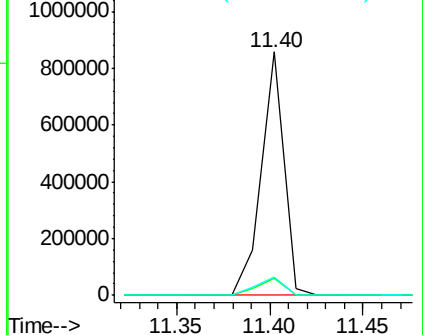
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091288.D
Acq: 23 Nov 2016 21:25

Instrument :
BNA_F
ClientSampleId :
SB-01(4-6)

Tgt Ion:188 Resp: 719850
Ion Ratio Lower Upper
188 100
94 7.1 9.2 13.8#
80 7.6 10.5 15.7#

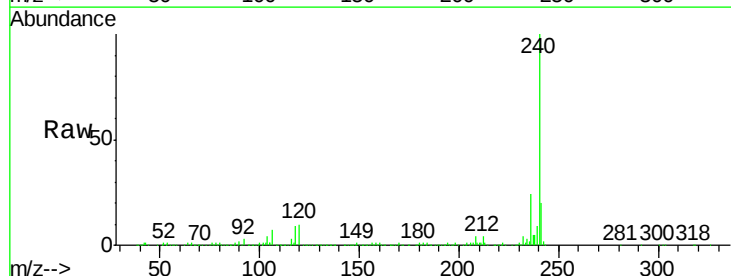


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

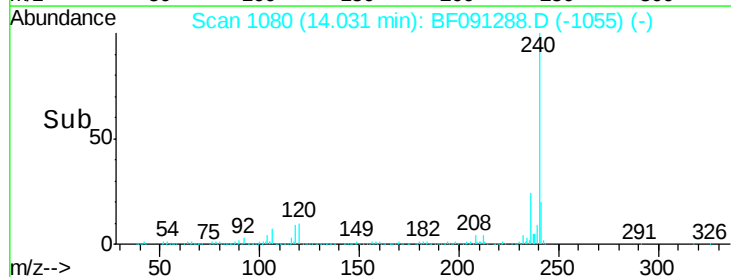
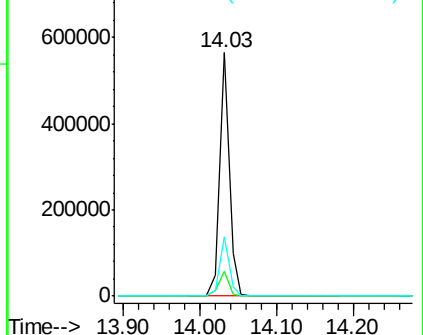


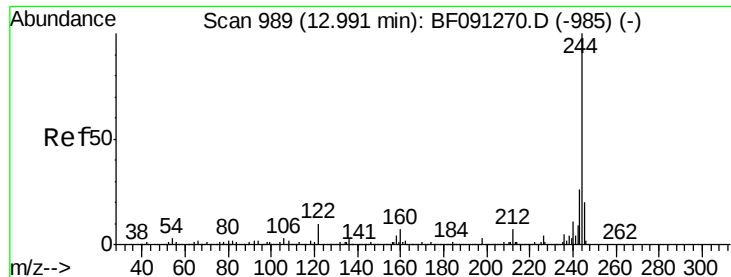
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF091288.D
Acq: 23 Nov 2016 21:25

Tgt Ion:240 Resp: 493488
Ion Ratio Lower Upper
240 100
120 10.4 12.1 18.1#
236 24.3 21.0 31.6



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

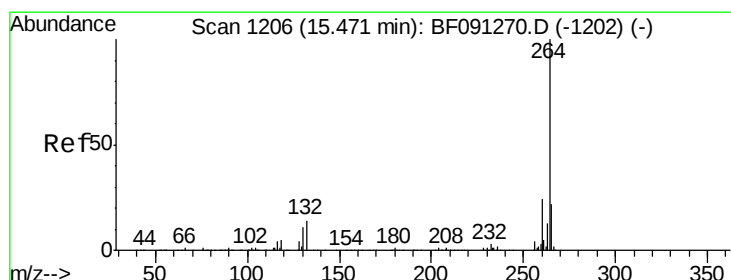
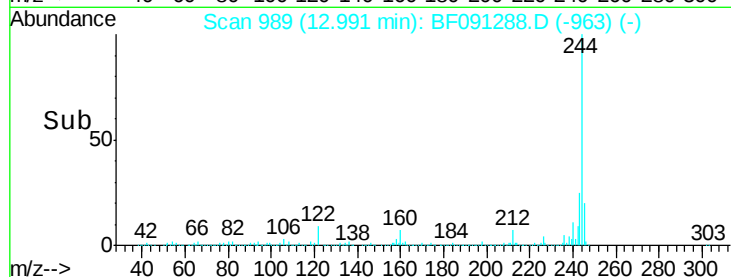
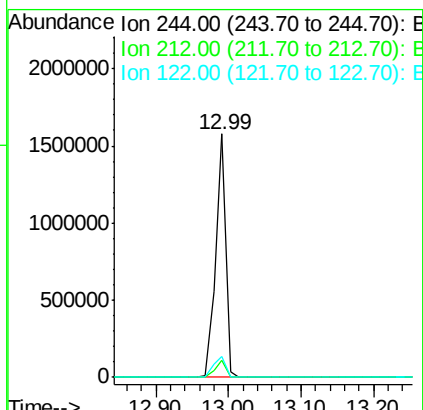
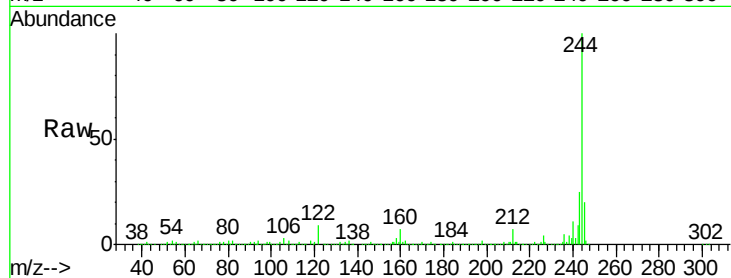




#78
 Terphenyl-d14
 Concen: 69.91 ng
 RT: 12.99 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF091288.D
 Acq: 23 Nov 2016 21:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(4-6)

Tgt Ion:244 Resp: 1510628
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 8.7 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF091288.D
 Acq: 23 Nov 2016 21:25

Tgt Ion:264 Resp: 484941
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 22.3 17.0 25.6

