

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077843.D
 Acq On : 19 Mar 2015 21:11
 Operator : TP/IZ
 Sample : G1573-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Mar 20 01:50:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 01:13:23 2015
 Response via : Initial Calibration

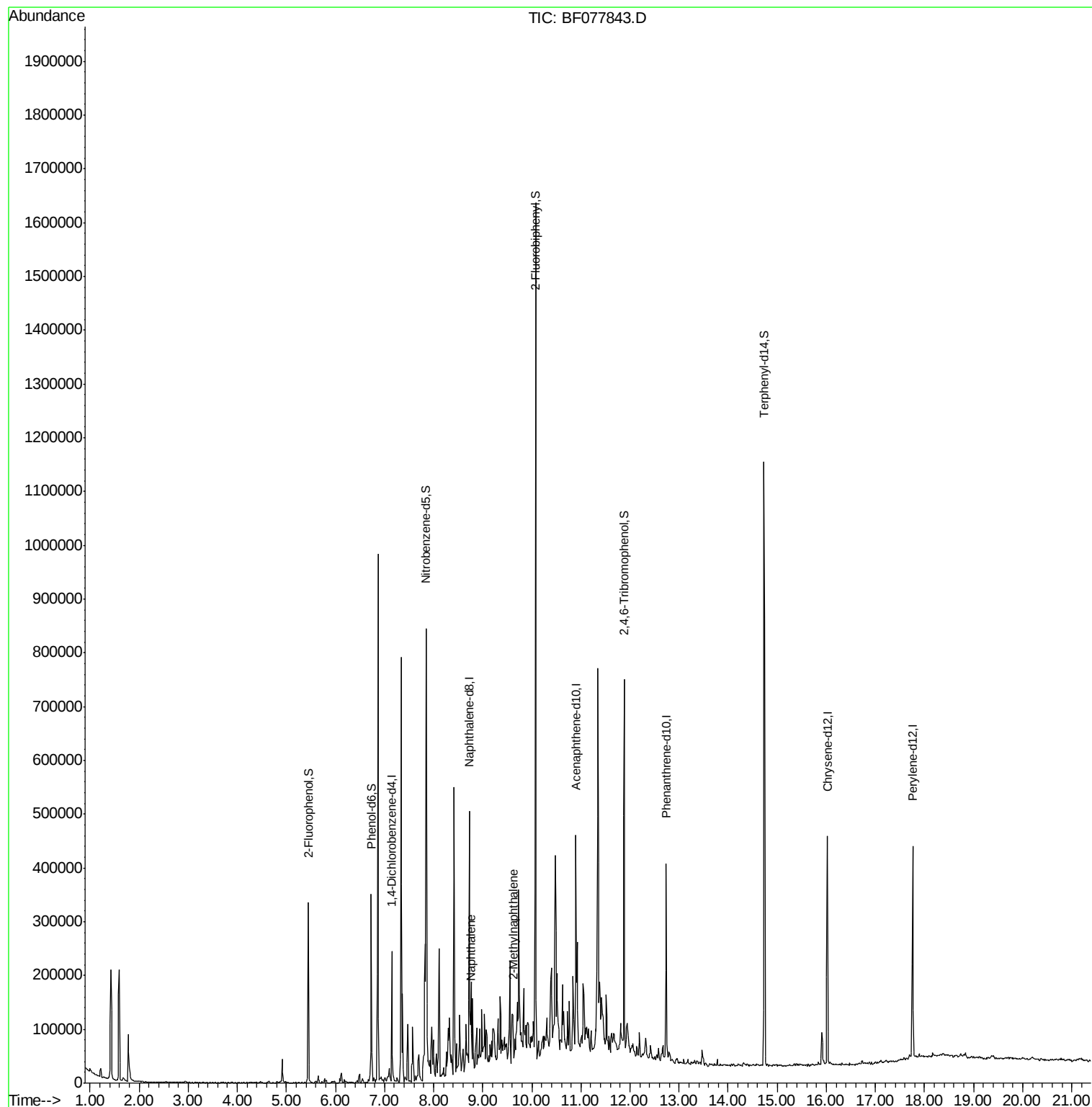
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	37865	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	151621	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	79302	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	153350	20.00	ng	0.00
75) Chrysene-d12	16.02	240	164977	20.00	ng	-0.01
86) Perylene-d12	17.76	264	172522	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	150888	69.56	ng	0.01
7) Phenol-d6	6.73	99	122655	45.76	ng	0.00
23) Nitrobenzene-d5	7.85	82	227473	98.34	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	99700	131.40	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	477877	88.56	ng	0.00
78) Terphenyl-d14	14.73	244	505775	74.89	ng	-0.01
Target Compounds						
31) Naphthalene	8.75	128	24305	3.12	ng	Qvalue # 78
37) 2-Methylnaphthalene	9.62	142	23086	4.41	ng	99

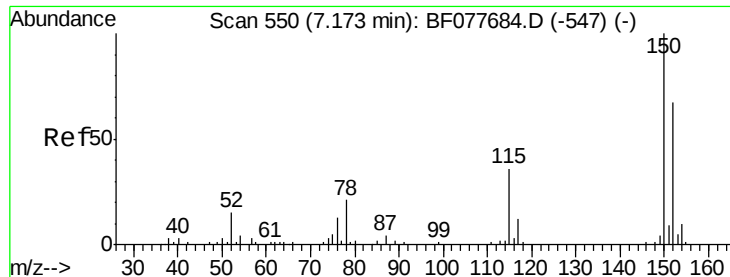
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 20 01:13:23 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

Instrument :

BNA_F

ClientSampleId :

MW-19

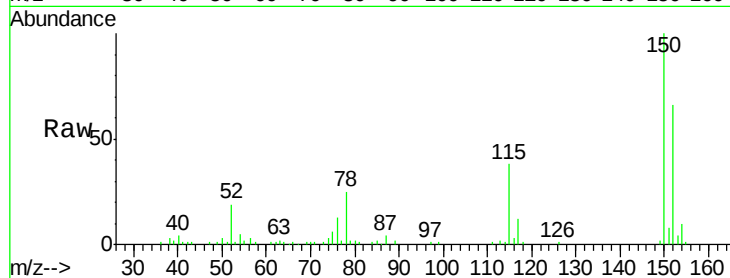
Tot Ion:152 Resp: 37865

Ion Ratio Lower Upper

152 100

150 152.2 119.5 179.3

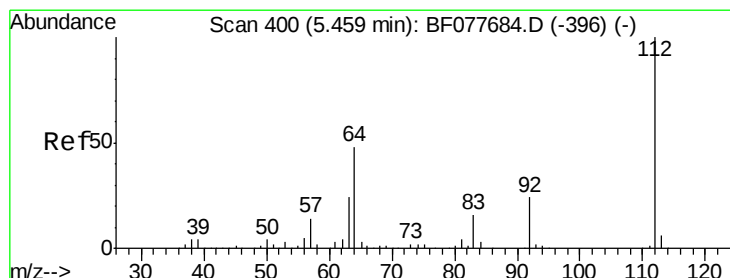
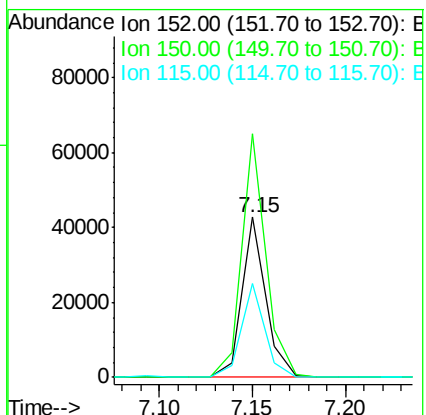
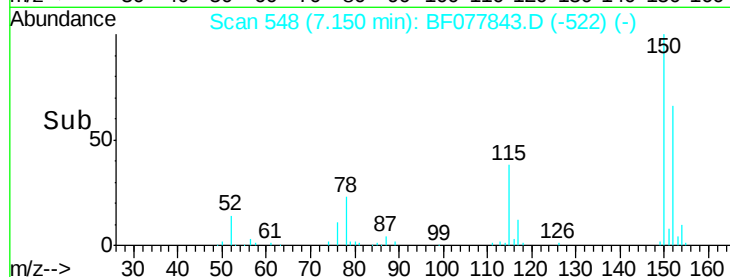
115 58.6 43.0 64.4



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: 69.56 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

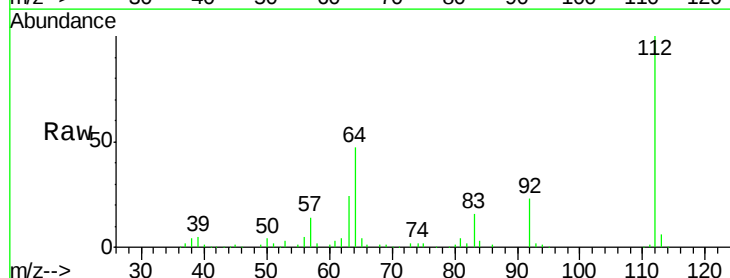
Tgt Ion:112 Resp: 150888

Ion Ratio Lower Upper

112 100

64 47.4 38.6 57.8

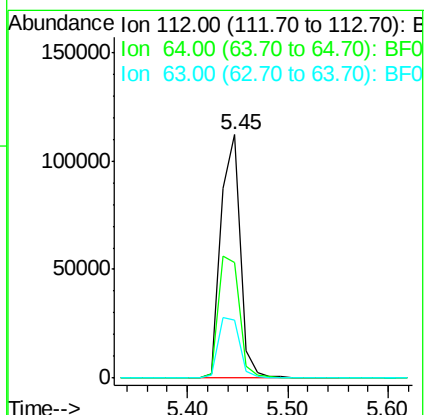
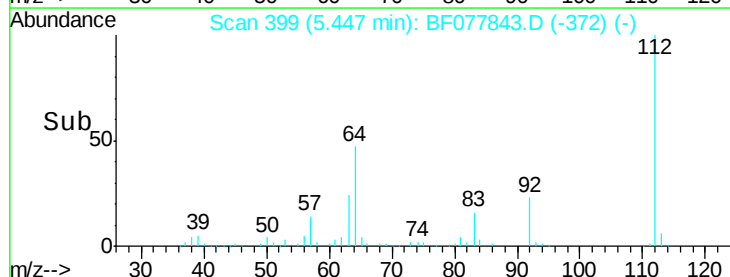
63 23.9 19.3 28.9

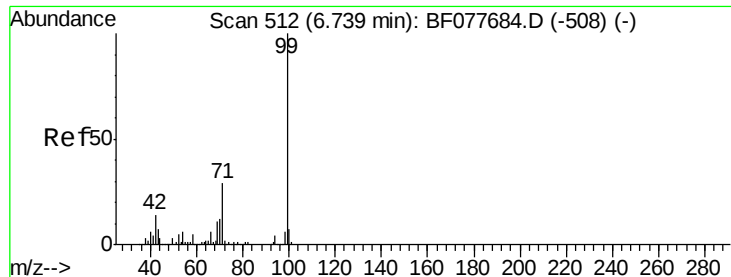


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.76 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

Instrument :

BNA_F

ClientSampleId :

MW-19

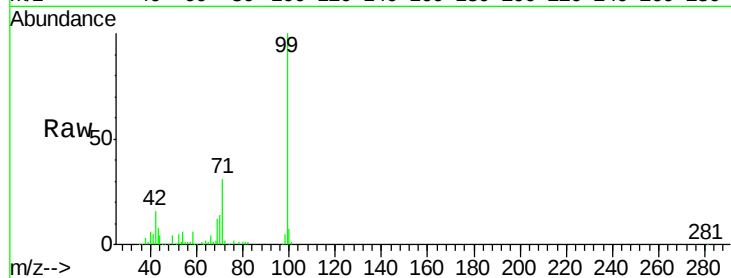
Tot Ion: 99 Resp: 122655

Ion Ratio Lower Upper

99 100

42 15.7 11.0 16.4

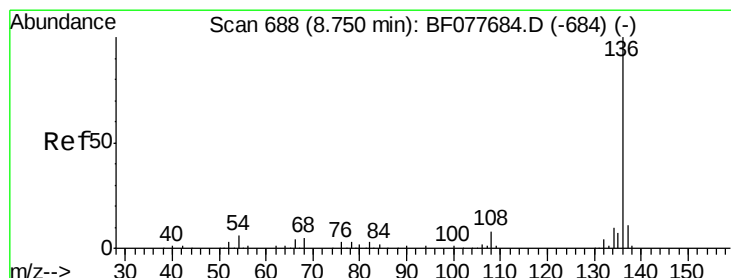
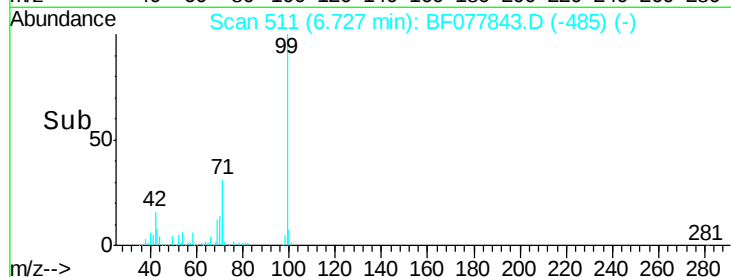
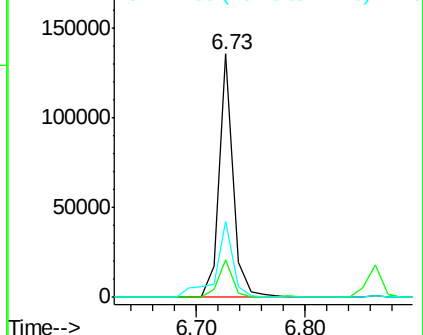
71 31.1 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

Tgt Ion: 136 Resp: 151621

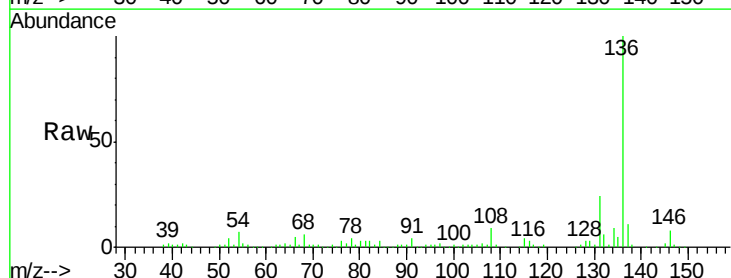
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.1 4.6 6.8#

68 5.8 3.7 5.5#

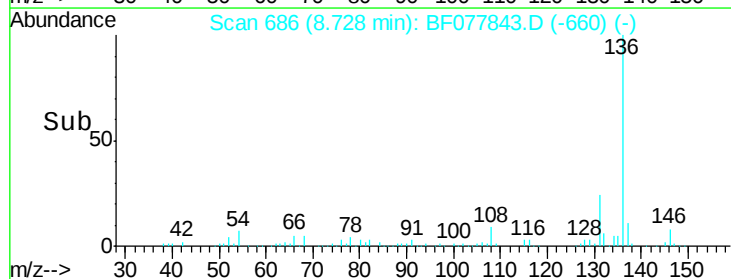
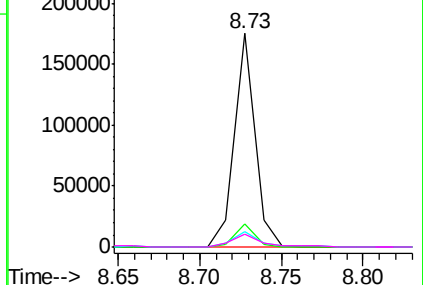


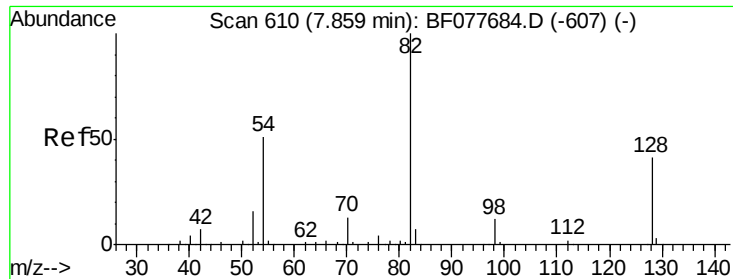
Abundance Ion 136.00 (135.70 to 136.70): E

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

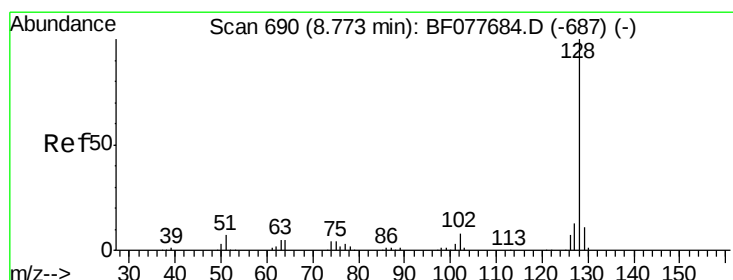
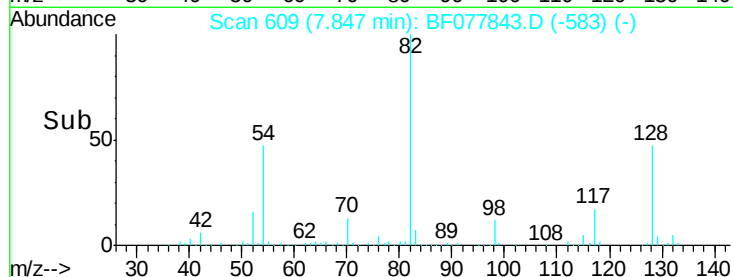
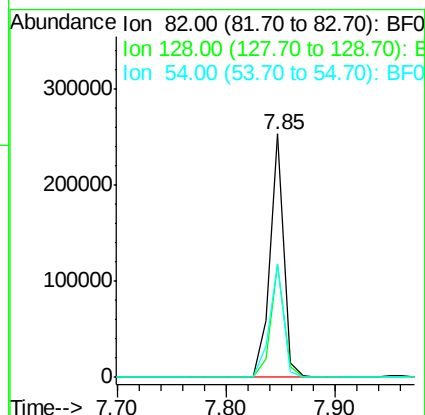
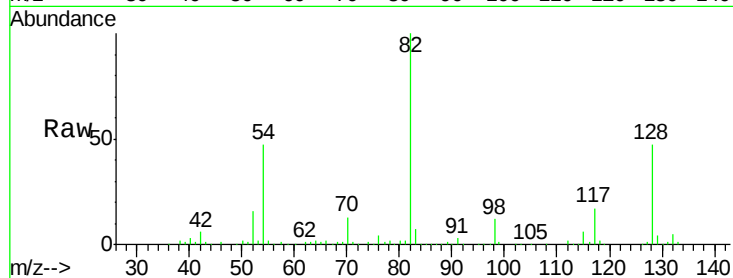




#23
Nitrobenzene-d5
Concen: 98.34 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077843.D
Acq: 19 Mar 2015 21:11

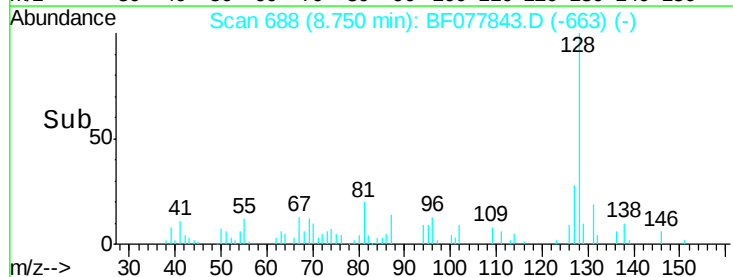
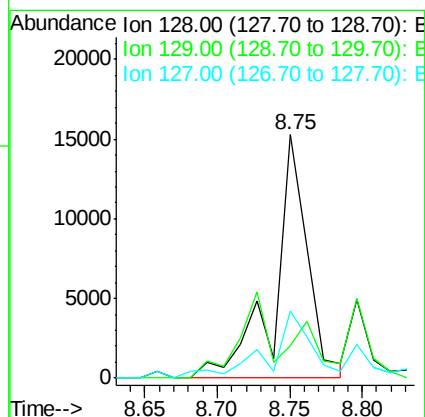
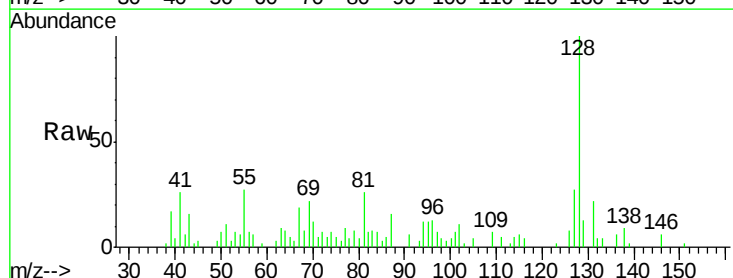
Instrument :
BNA_F
ClientSampleId :
MW-19

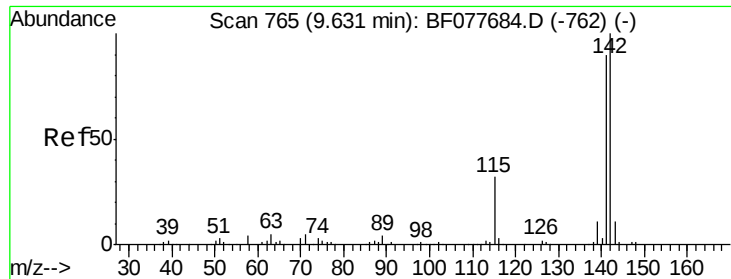
Tot Ion: 82 Resp: 227473
Ion Ratio Lower Upper
82 100
128 46.6 32.8 49.2
54 46.6 40.6 60.8



#31
Naphthalene
Concen: 3.12 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF077843.D
Acq: 19 Mar 2015 21:11

Tgt Ion:128 Resp: 24305
Ion Ratio Lower Upper
128 100
129 13.4 8.9 13.3#
127 27.5 10.4 15.6#

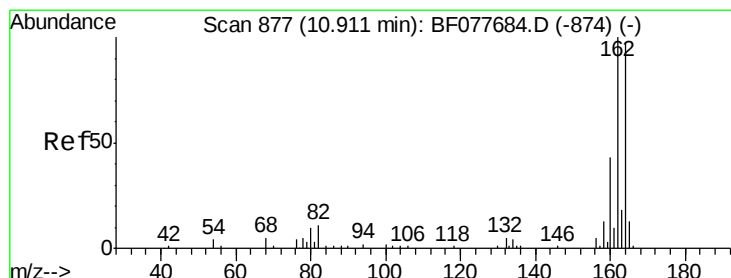
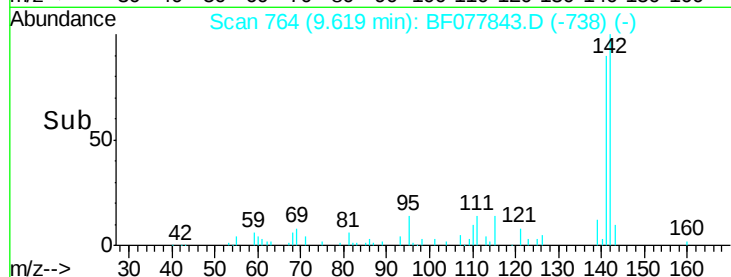
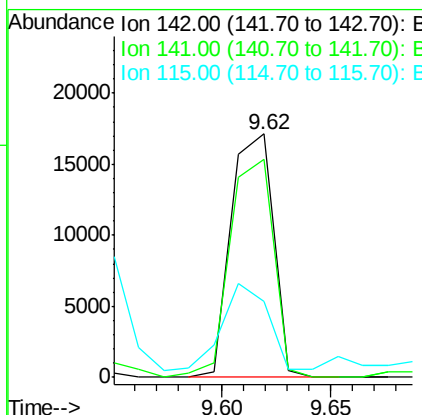
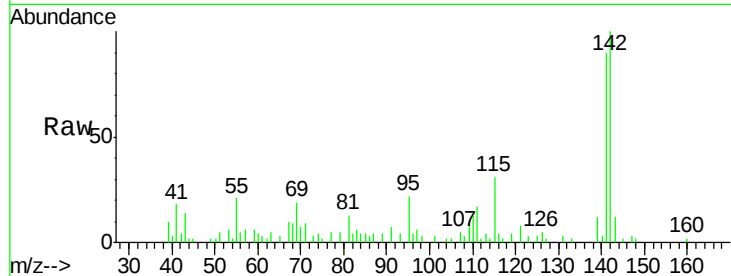




#37
2-Methylnaphthalene
Concen: 4.41 ng
RT: 9.62 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF077843.D
Acq: 19 Mar 2015 21:11

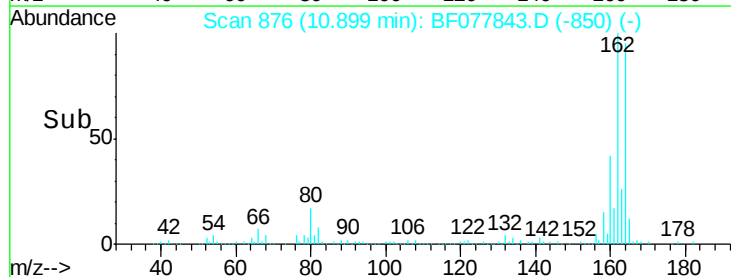
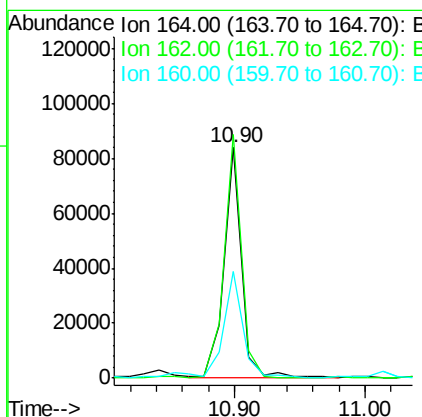
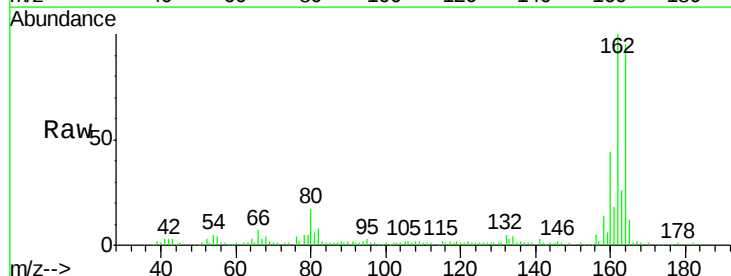
Instrument :
BNA_F
ClientSampleId :
MW-19

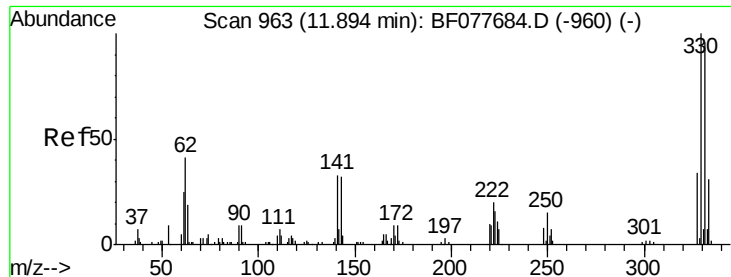
Tot Ion:142 Resp: 23086
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9
115 31.0 25.4 38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF077843.D
Acq: 19 Mar 2015 21:11

Tgt Ion:164 Resp: 79302
Ion Ratio Lower Upper
164 100
162 105.6 82.4 123.6
160 46.0 35.8 53.6

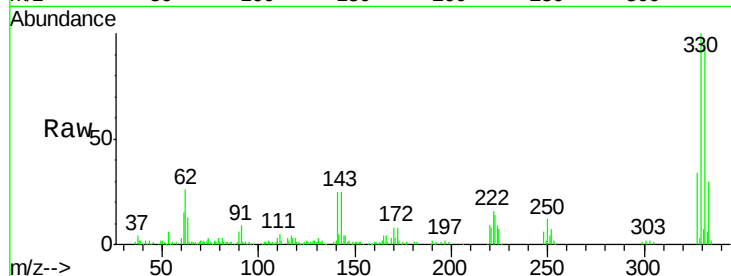




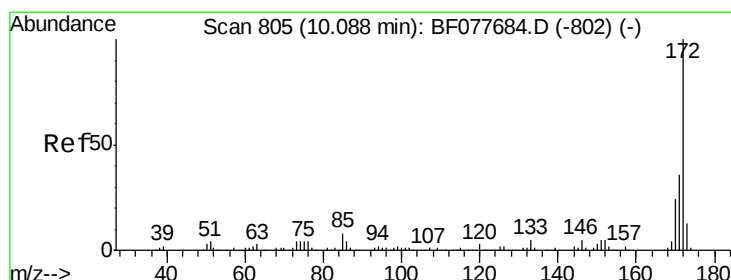
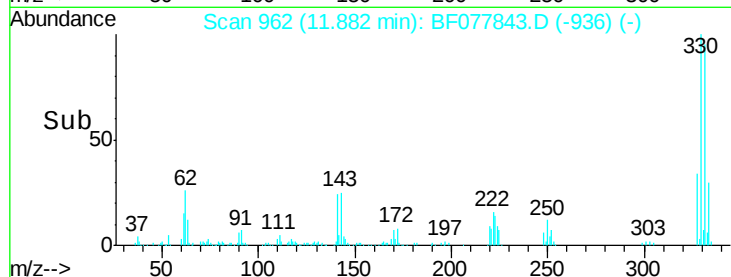
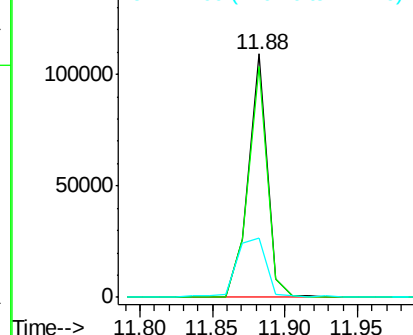
#41
 2,4,6-Tribromophenol
 Concen: 131.40 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077843.D
 Acq: 19 Mar 2015 21:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	38.2	0.0	0.0#

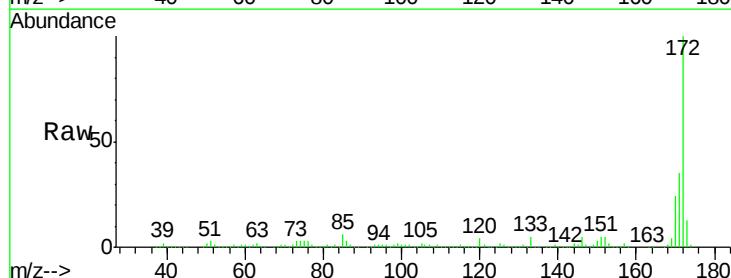


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

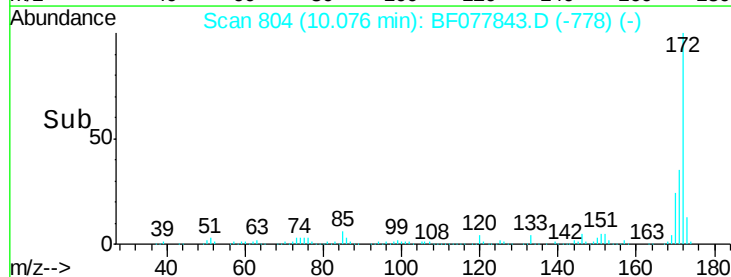
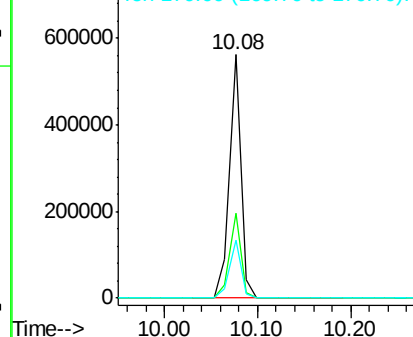


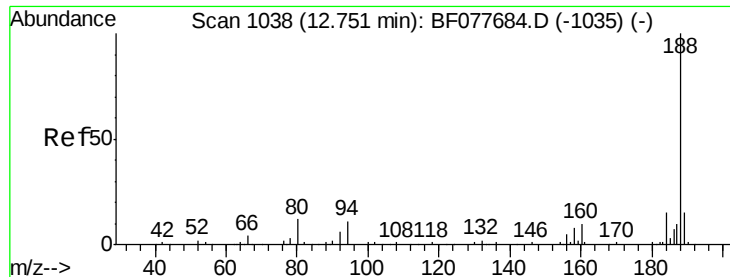
#44
 2-Fluorobiphenyl
 Concen: 88.56 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077843.D
 Acq: 19 Mar 2015 21:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.8	18.8	28.2



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: 12.74 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

Instrument :

BNA_F

ClientSampleId :

MW-19

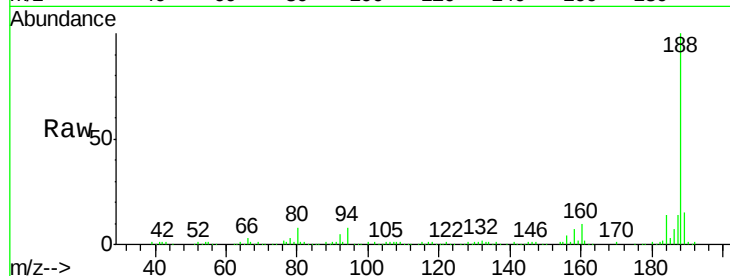
Tot Ion:188 Resp: 153350

Ion Ratio Lower Upper

188 100

94 8.0 8.7 13.1#

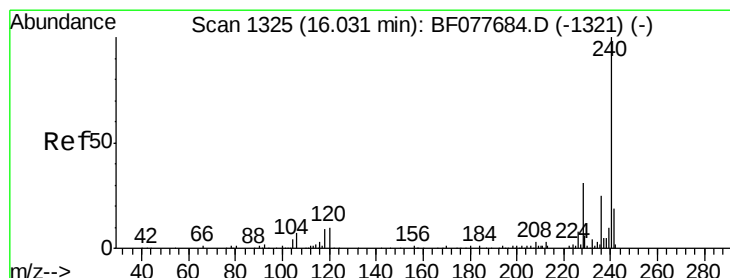
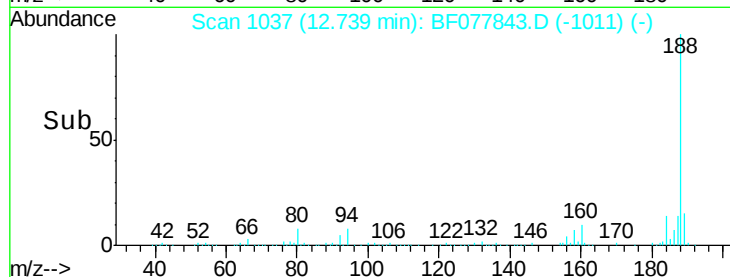
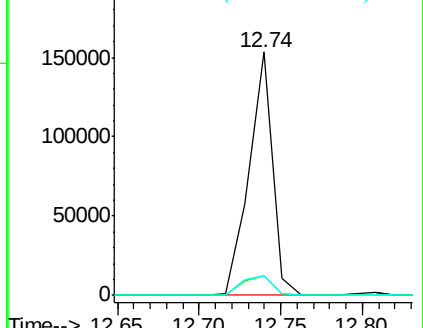
80 8.3 9.3 13.9#



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: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

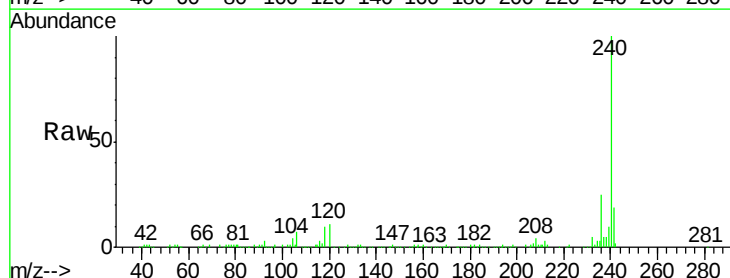
Tgt Ion:240 Resp: 164977

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

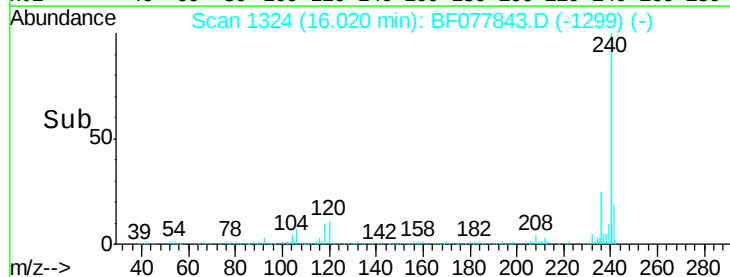
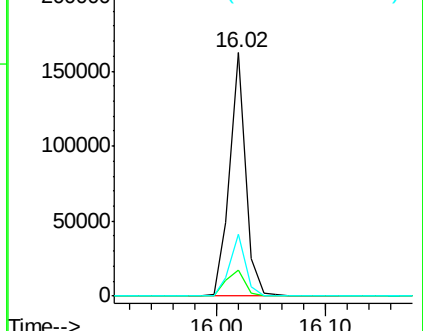
236 25.2 20.0 30.0

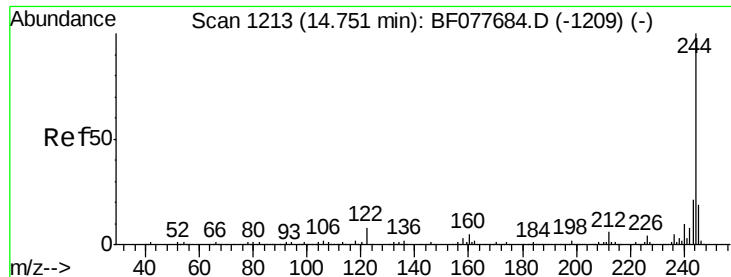


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

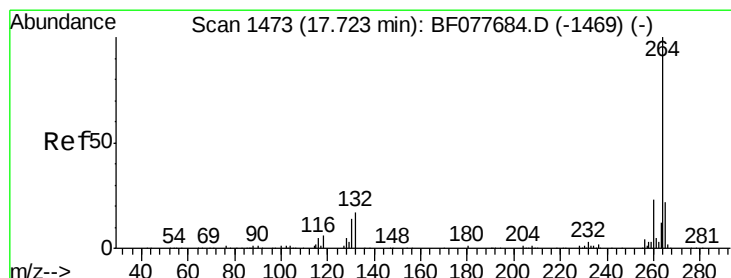
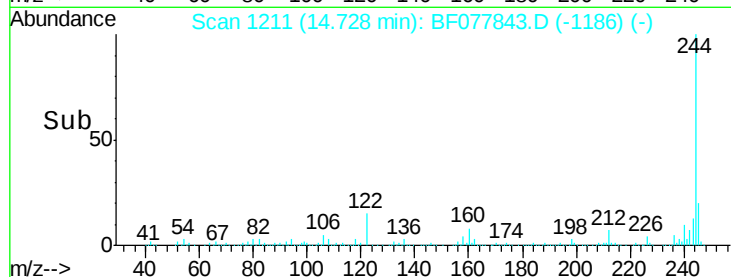
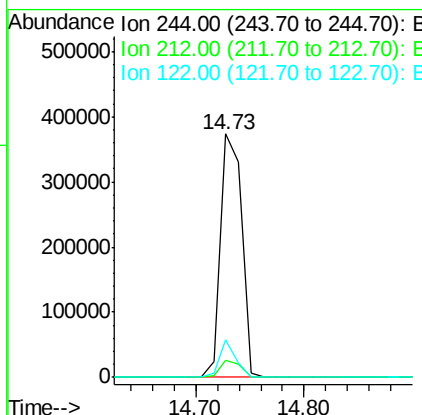
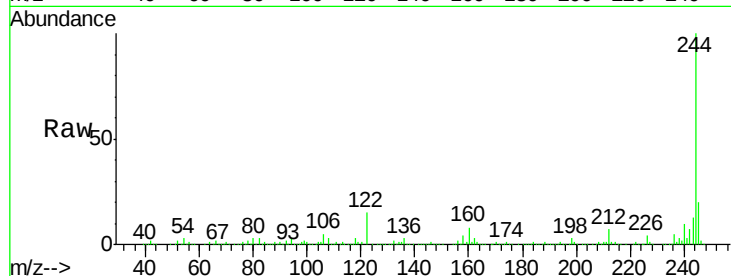




#78
 Terphenyl-d14
 Concen: 74.89 ng
 RT: 14.73 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF077843.D
 Acq: 19 Mar 2015 21:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tot Ion:244 Resp: 505775
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.9 7.3
 122 15.2 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. -0.03 min
 Lab File: BF077843.D
 Acq: 19 Mar 2015 21:11

Tgt Ion:264 Resp: 172522
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.0 17.3 25.9

