

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078319.D
 Acq On : 8 Apr 2015 3:40
 Operator : TP/IZ
 Sample : G1736-14RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19RE

Quant Time: Apr 08 04:38:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 03:14:41 2015
 Response via : Initial Calibration

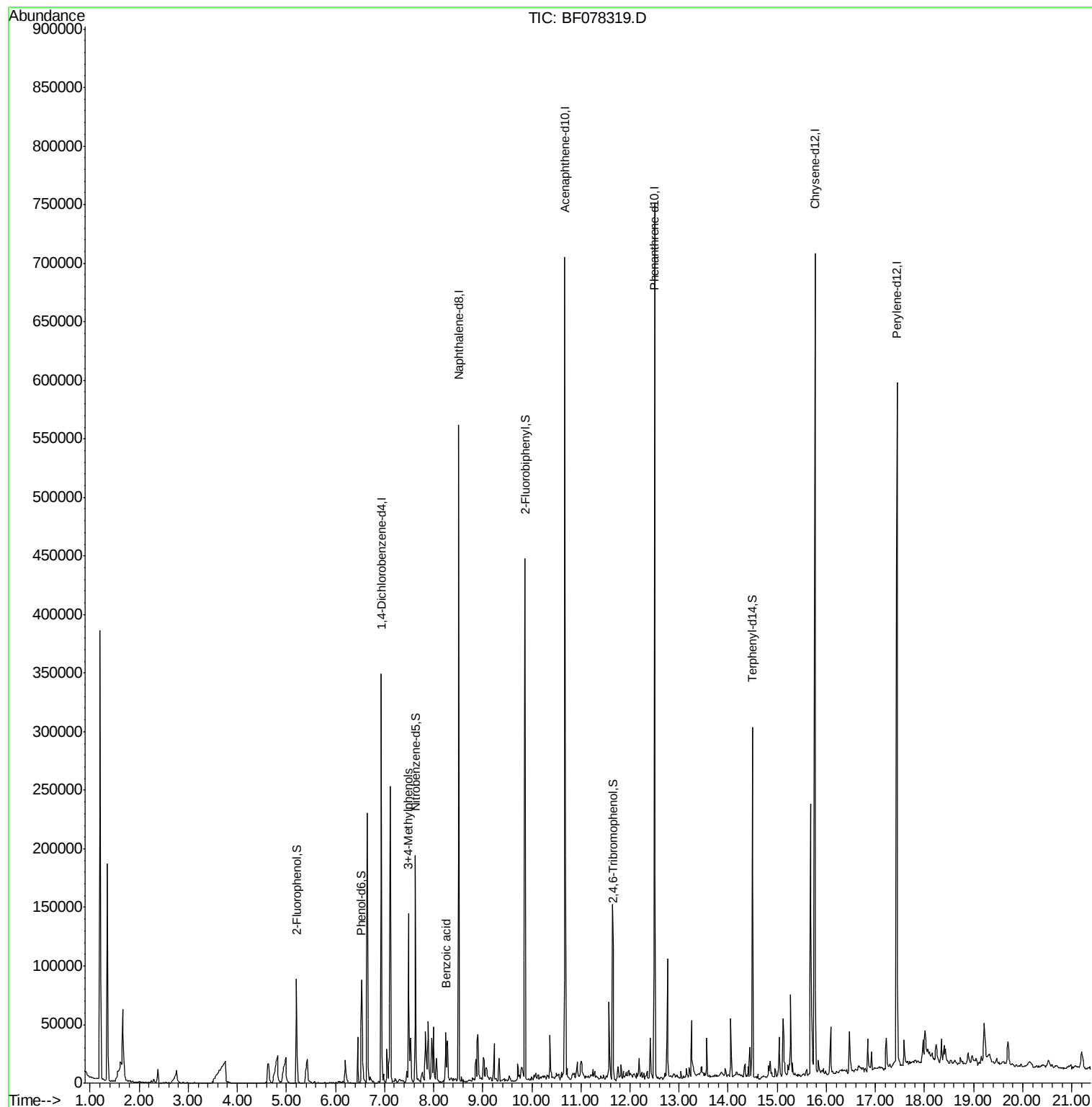
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	65138	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	271168	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	143142	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	277918	20.00	ng	0.00
75) Chrysene-d12	15.77	240	306792	20.00	ng	0.00
86) Perylene-d12	17.44	264	288848	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	38198	9.67	ng	0.01
7) Phenol-d6	6.53	99	31153	6.29	ng	0.01
23) Nitrobenzene-d5	7.63	82	62567	13.99	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	21179	17.84	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	140635	14.04	ng	0.00
78) Terphenyl-d14	14.49	244	122603	9.03	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.48	107	48709	10.07	ng	97
32) Benzoic acid	8.25	122	14413	12.30	ng	91

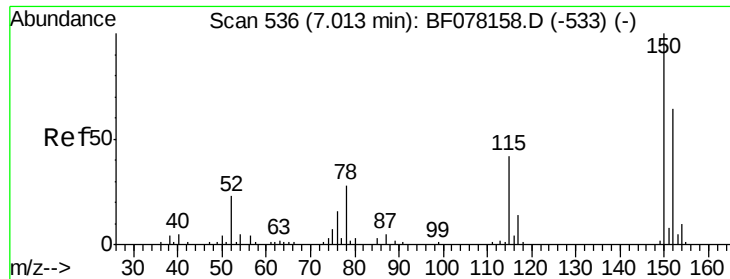
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

Instrument :

BNA_F

ClientSampleId :

MW-19RE

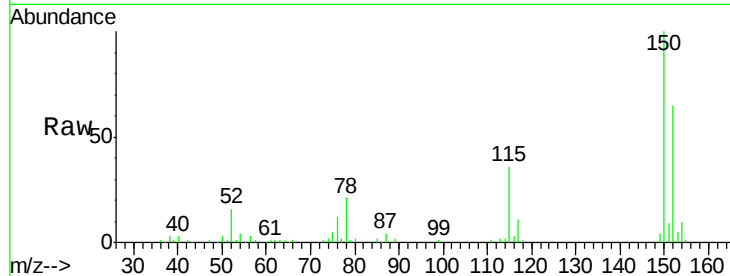
Tot Ion:152 Resp: 65138

Ion Ratio Lower Upper

152 100

150 154.1 125.9 188.9

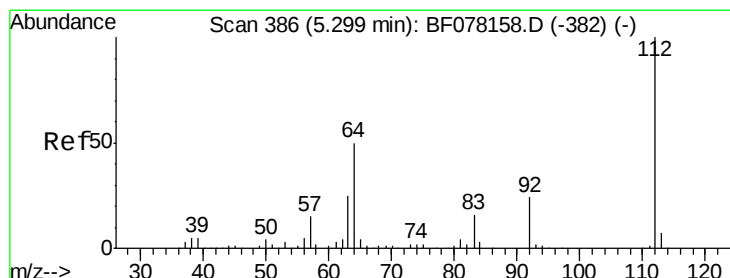
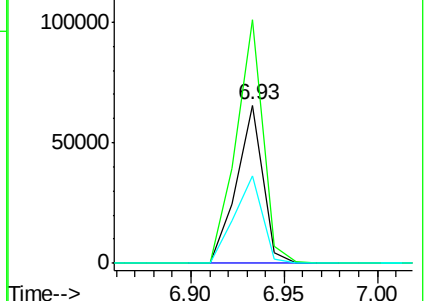
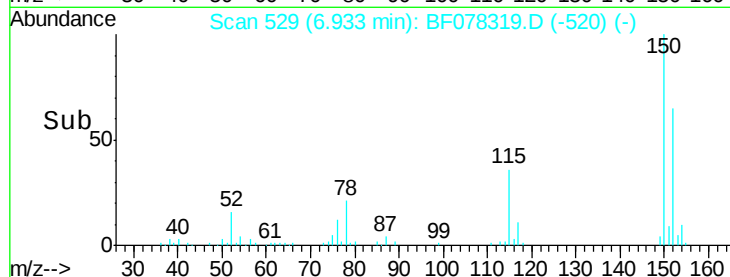
115 55.6 52.7 79.1



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: 9.67 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

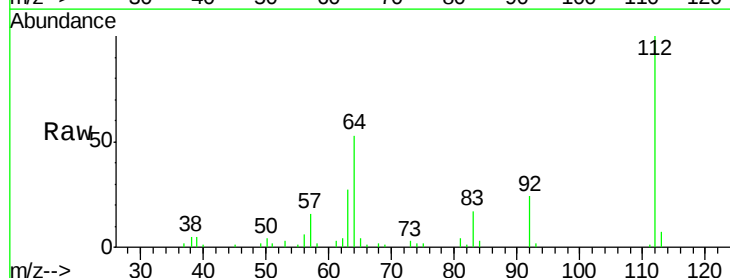
Tgt Ion:112 Resp: 38198

Ion Ratio Lower Upper

112 100

64 53.0 39.9 59.9

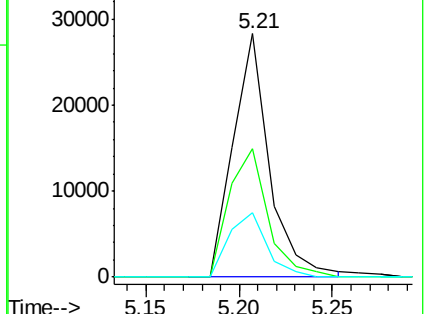
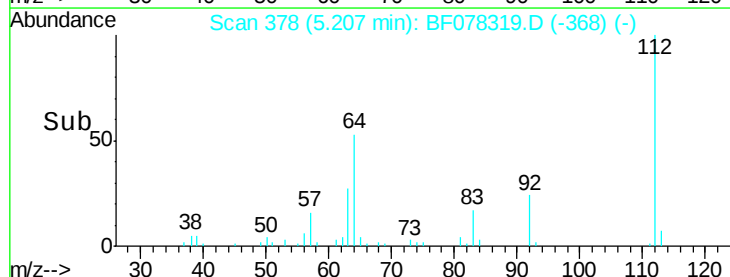
63 26.7 20.2 30.4



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: 6.29 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

Instrument :

BNA_F

ClientSampleId :

MW-19RE

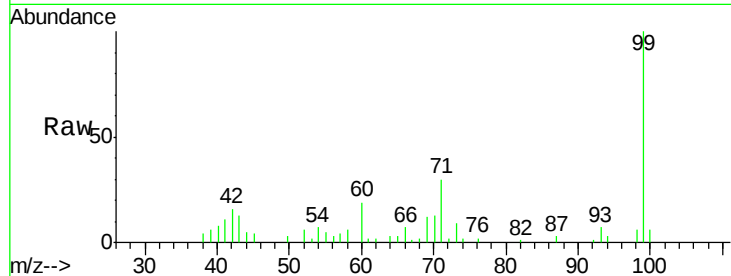
Tot Ion: 99 Resp: 31153

Ion Ratio Lower Upper

99 100

42 16.3 14.8 22.2

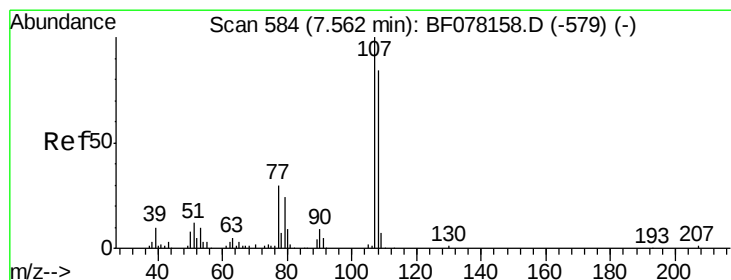
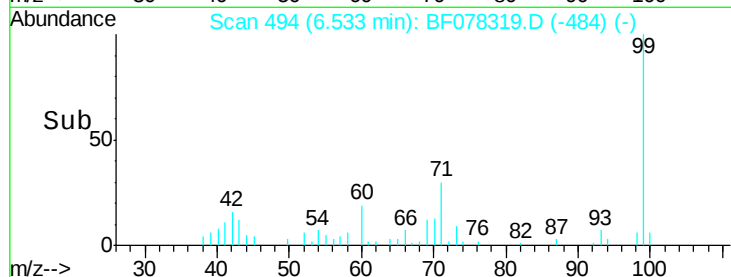
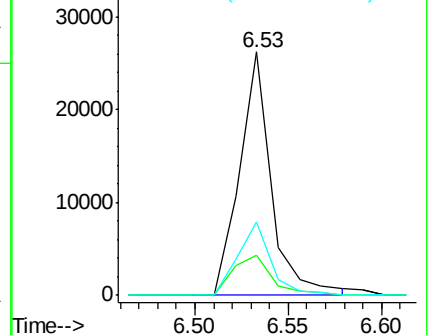
71 30.1 26.6 39.8



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



#20

3+4-Methylphenols

Concen: 10.07 ng

RT: 7.48 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

Tgt Ion:107 Resp: 48709

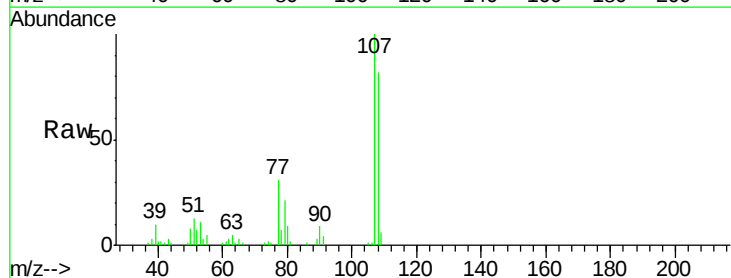
Ion Ratio Lower Upper

107 100

108 81.9 64.4 104.4

77 31.2 9.7 49.7

79 21.2 4.0 44.0

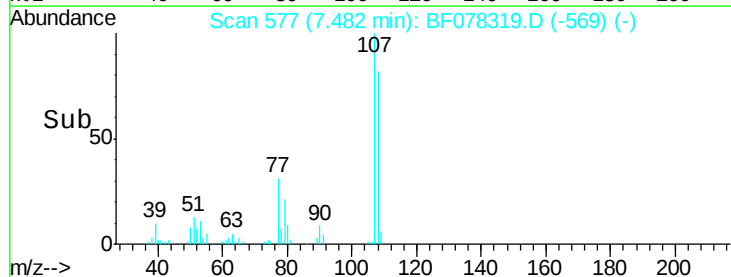
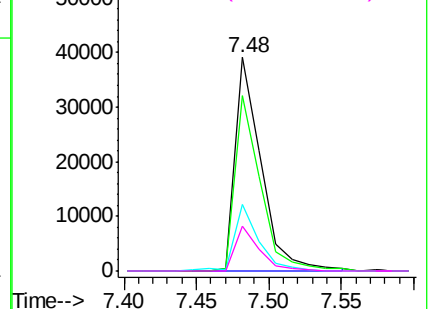


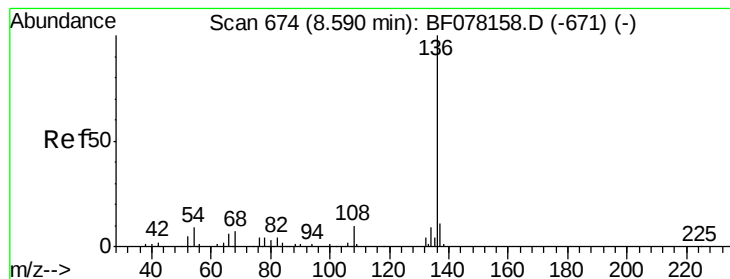
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

Instrument :

BNA_F

ClientSampleId :

MW-19RE

Tot Ion:136 Resp: 271168

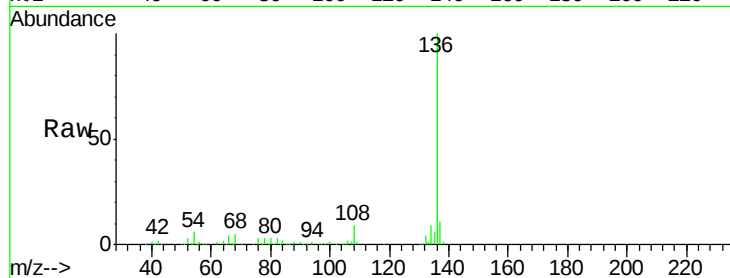
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.1 7.0 10.6#

68 5.1 5.4 8.2#

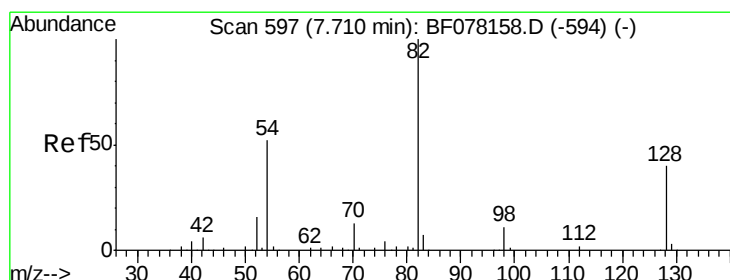
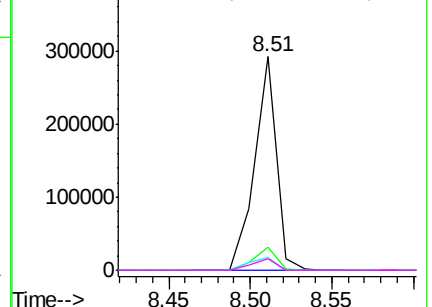
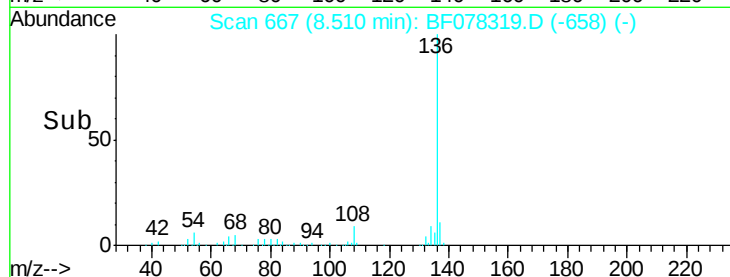


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.99 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

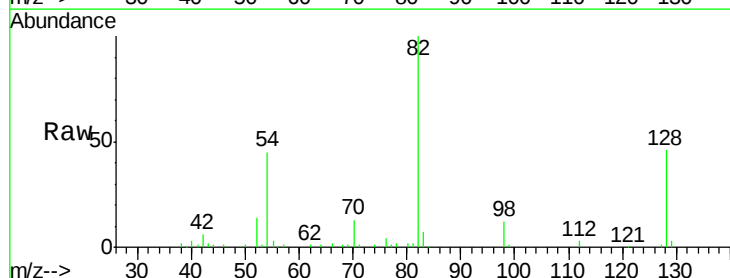
Tgt Ion: 82 Resp: 62567

Ion Ratio Lower Upper

82 100

128 46.0 31.8 47.8

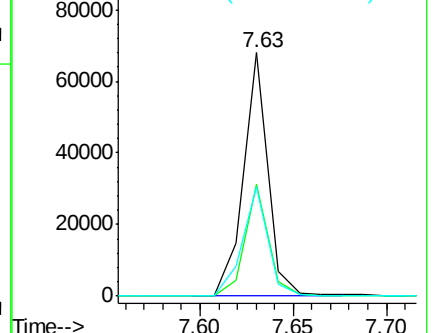
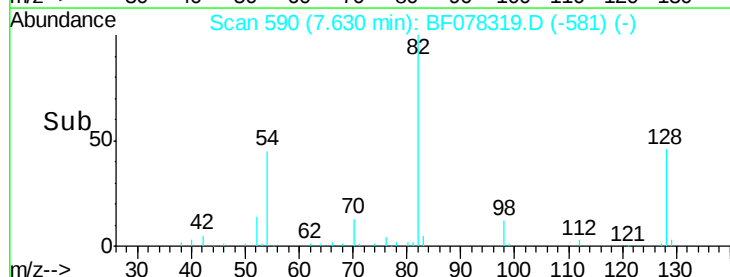
54 45.0 41.5 62.3

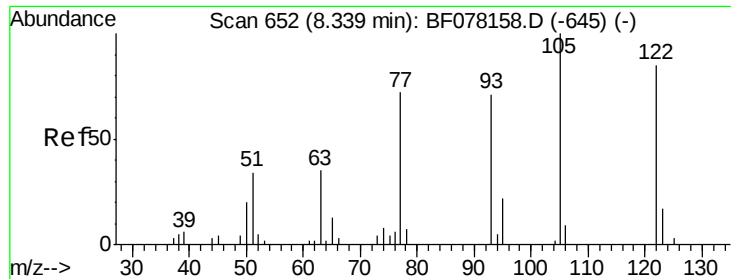


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 12.30 ng

RT: 8.25 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

Instrument :

BNA_F

ClientSampled :

MW-19RE

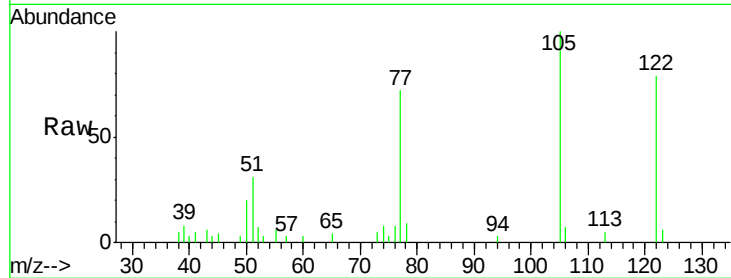
Tot Ion:122 Resp: 14413

Ion Ratio Lower Upper

122 100

105 126.2 96.1 136.1

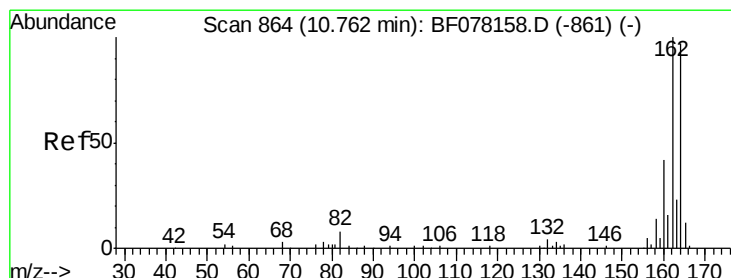
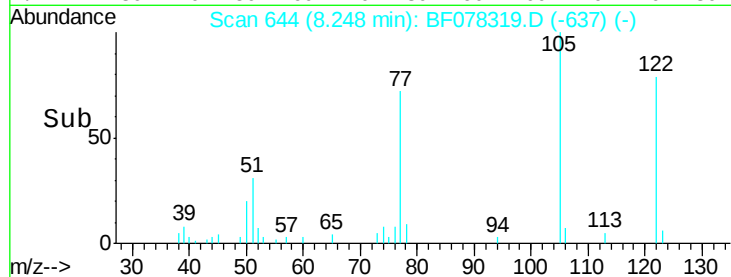
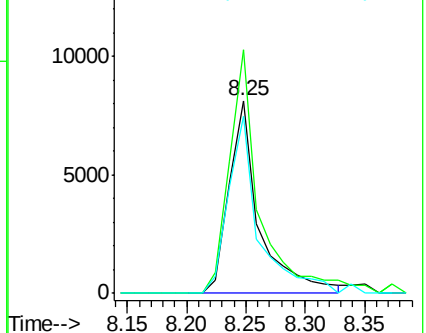
77 91.4 64.1 104.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

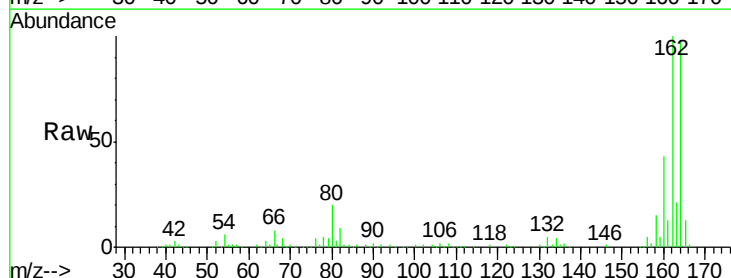
Tgt Ion:164 Resp: 143142

Ion Ratio Lower Upper

164 100

162 101.8 82.2 123.2

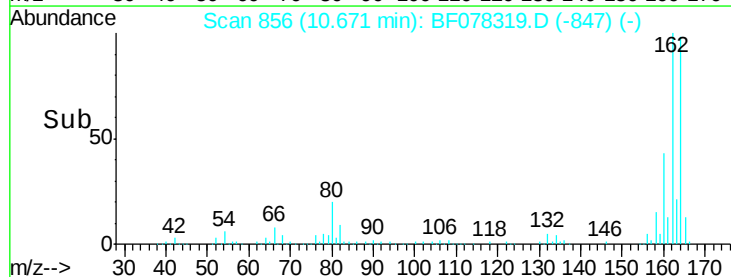
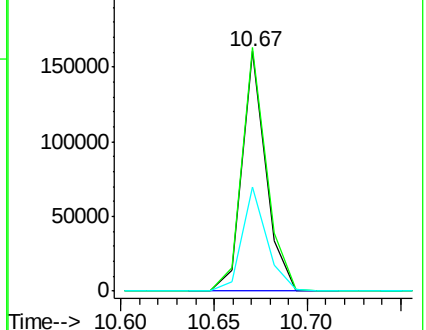
160 43.4 34.7 52.1

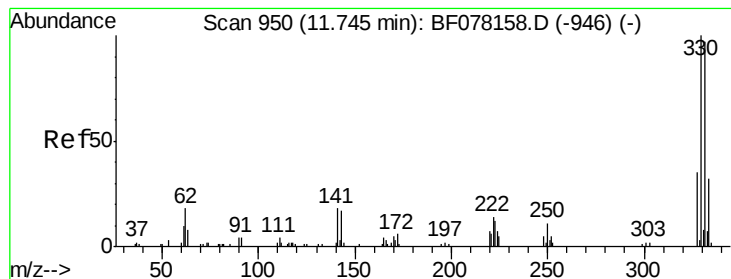


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

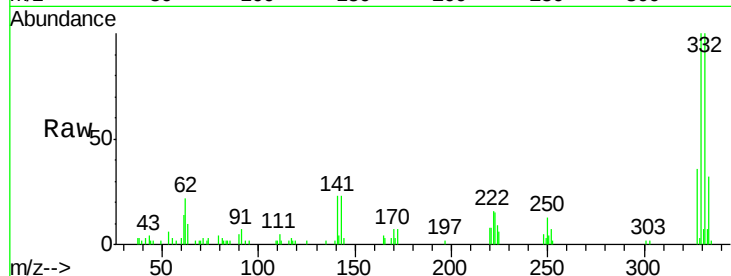




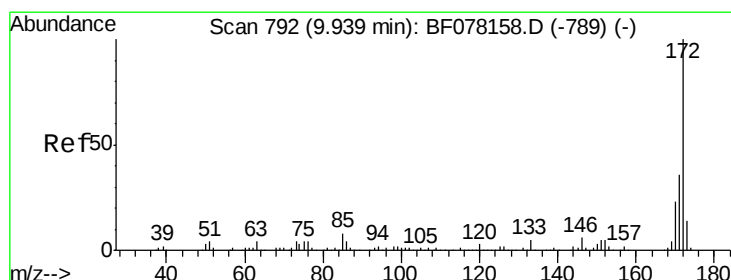
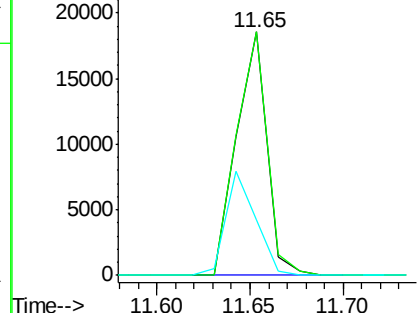
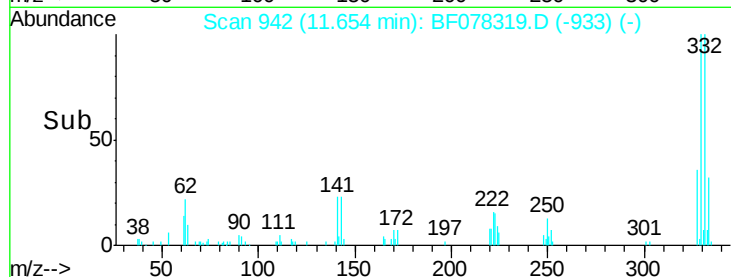
#41
 2,4,6-Tribromophenol
 Concen: 17.84 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF078319.D
 Acq: 8 Apr 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-19RE

Tot Ion:330 Resp: 21179
 Ion Ratio Lower Upper
 330 100
 332 100.9 78.6 117.8
 141 42.5 31.2 46.8

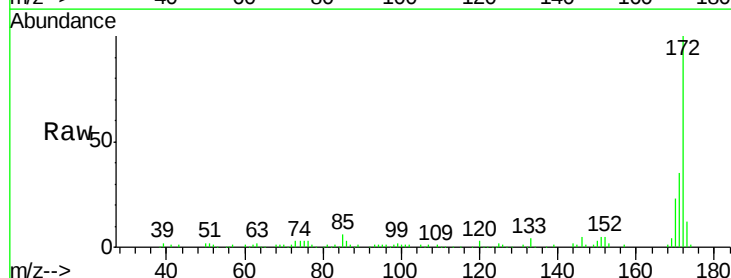


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

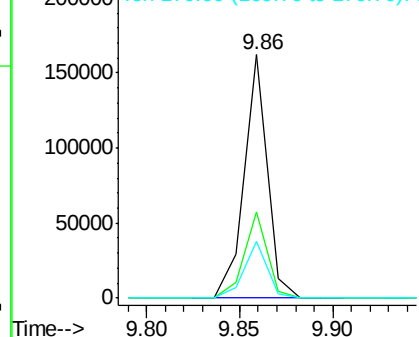
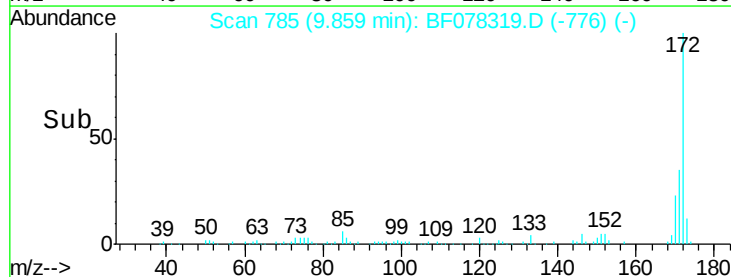


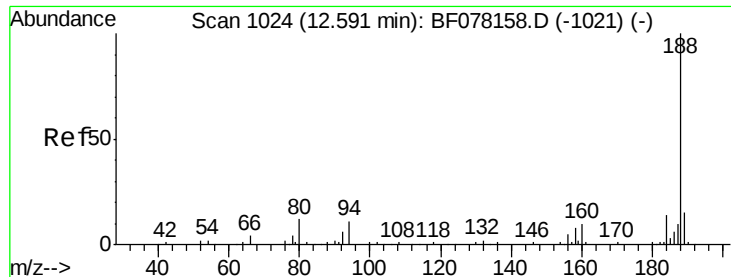
#44
 2-Fluorobiphenyl
 Concen: 14.04 ng
 RT: 9.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF078319.D
 Acq: 8 Apr 2015 3:40

Tgt Ion:172 Resp: 140635
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.3 18.5 27.7



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

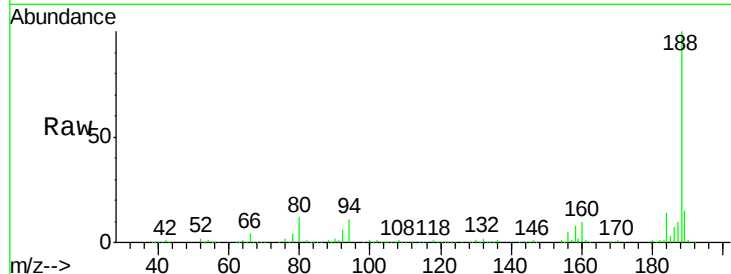




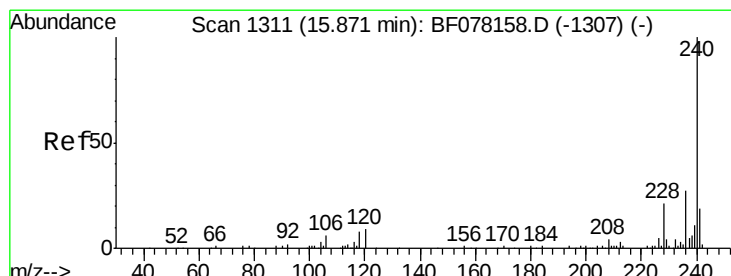
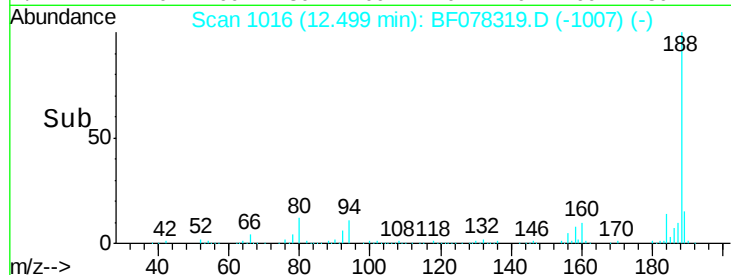
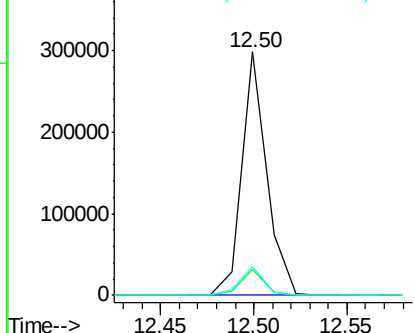
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF078319.D
Acq: 8 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
MW-19RE

Tot Ion:188 Resp: 277918
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 11.7 9.5 14.3

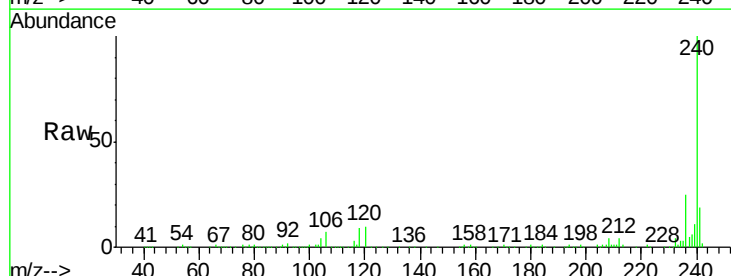


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

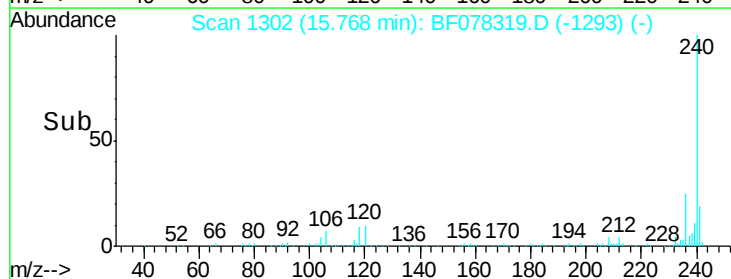
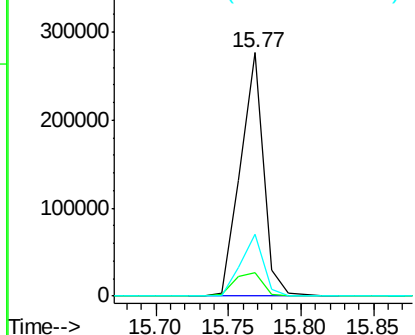


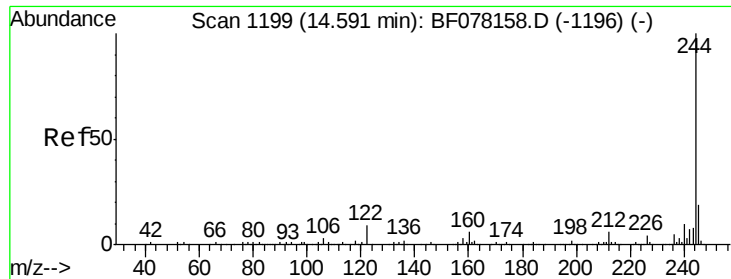
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF078319.D
Acq: 8 Apr 2015 3:40

Tgt Ion:240 Resp: 306792
Ion Ratio Lower Upper
240 100
120 9.6 7.1 10.7
236 25.5 21.4 32.2



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

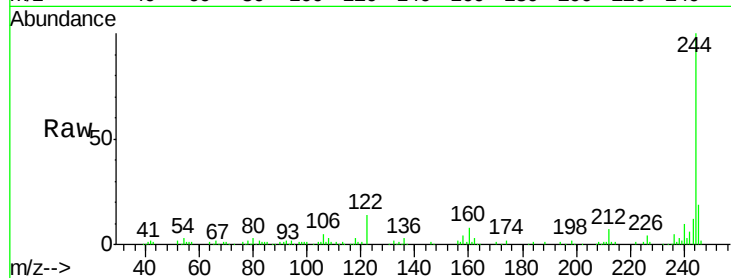




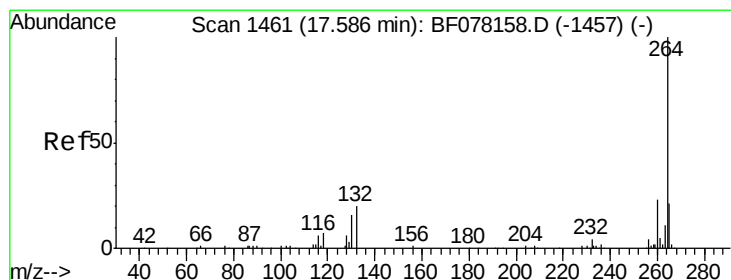
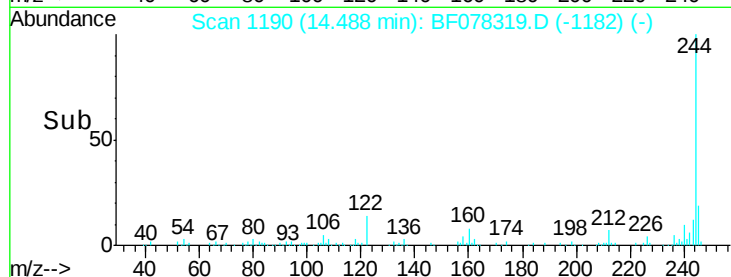
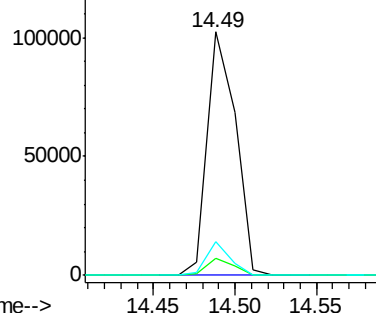
#78
 Terphenyl-d14
 Concen: 9.03 ng
 RT: 14.49 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF078319.D
 Acq: 8 Apr 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-19RE

Tot Ion:244 Resp: 122603
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 14.0 7.1 10.7#

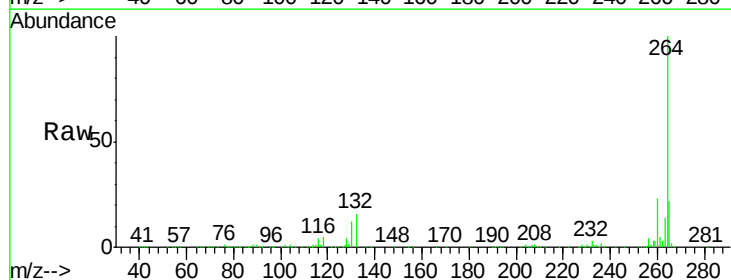


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.44 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF078319.D
 Acq: 8 Apr 2015 3:40

Tgt Ion:264 Resp: 288848
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.6 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

