

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078389.D
 Acq On : 10 Apr 2015 7:48
 Operator : TP/IZ
 Sample : G1782-22 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD03

Quant Time: Apr 10 07:26:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 01:53:29 2015
 Response via : Initial Calibration

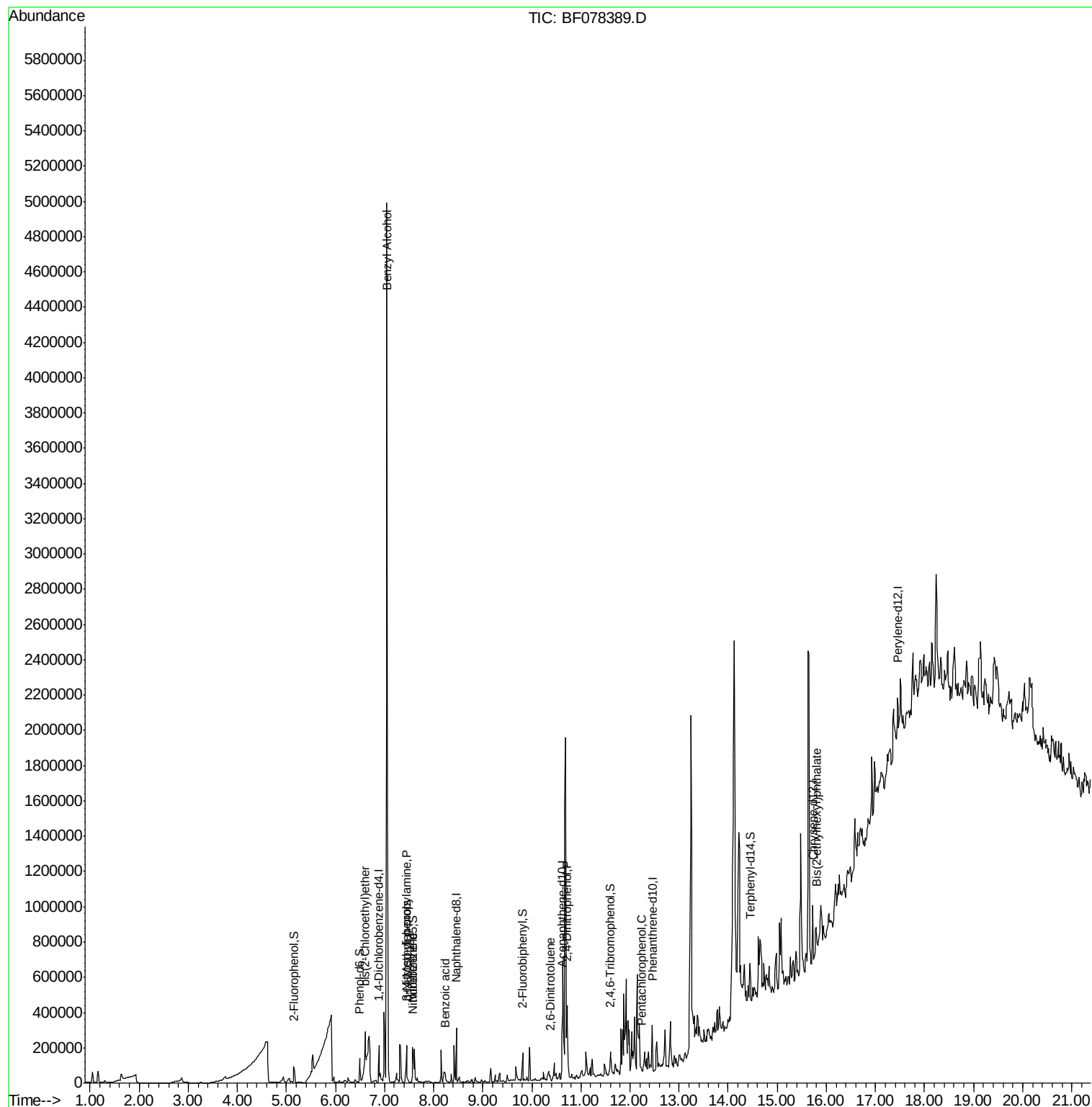
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	34283	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	142383	20.00	ng	0.00
38) Acenaphthene-d10	10.63	164	71480	20.00	ng	0.00
63) Phenanthrene-d10	12.45	188	136848	20.00	ng	0.01
75) Chrysene-d12	15.72	240	140104	20.00	ng	0.01
86) Perylene-d12	17.46	264	119330	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	39481	18.99	ng	0.01
7) Phenol-d6	6.49	99	51027	19.58	ng	0.01
23) Nitrobenzene-d5	7.58	82	28507	12.14	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	11712	19.76	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	61986	12.40	ng	0.00
78) Terphenyl-d14	14.44	244	71018	11.45	ng	0.00
Target Compounds						
11) bis(2-Chloroethyl)ether	6.60	93	9740	4.34	ng	# 28
15) Benzyl Alcohol	7.05	79	346155	189.03	ng	# 59
19) n-Nitroso-di-n-propylamine	7.45	70	3849	2.24	ng	# 80
20) 3+4-Methylphenols	7.45	107	45733	17.96	ng	95
24) Nitrobenzene	7.57	77	9159	3.73	ng	# 28
32) Benzoic acid	8.22	122	27894	29.76	ng	99
50) 2,6-Dinitrotoluene	10.37	165	3199	2.90	ng	# 41
53) 2,4-Dinitrophenol	10.72	184	2149	14.35	ng	# 18
69) Pentachlorophenol	12.24	266	250	8.08	ng	# 19
83) Bis(2-ethylhexyl)phthalate	15.80	149	35955	6.84	ng	98

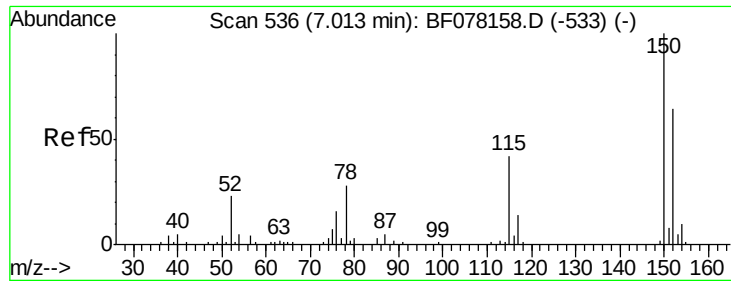
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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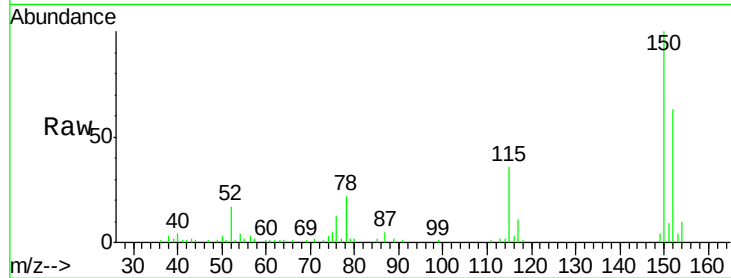




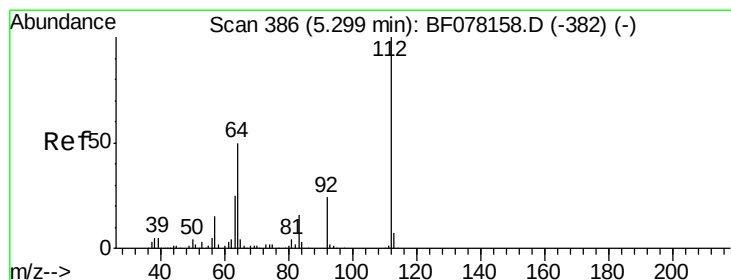
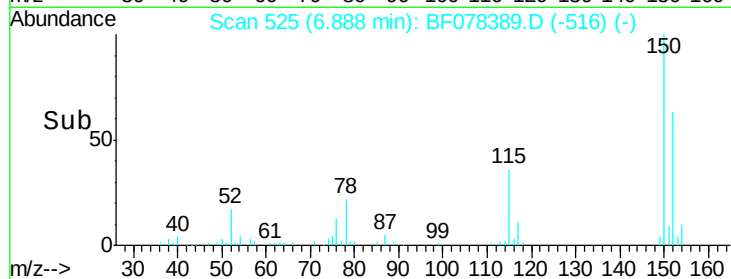
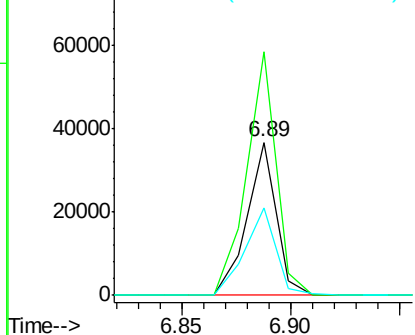
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF078389.D
 Acq: 10 Apr 2015 7:48

Instrument :
 BNA_F
 ClientSampleId :
 FD03

Tgt Ion:152 Resp: 34283
 Ion Ratio Lower Upper
 152 100
 150 159.0 125.9 188.9
 115 57.4 52.7 79.1

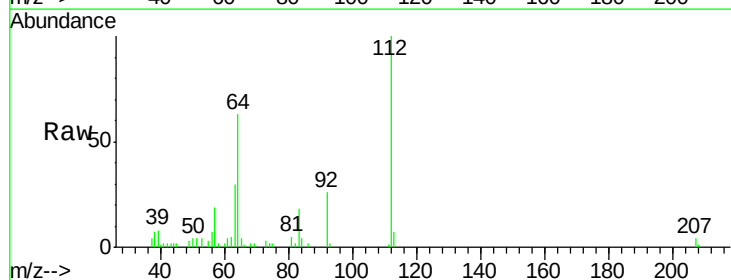


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

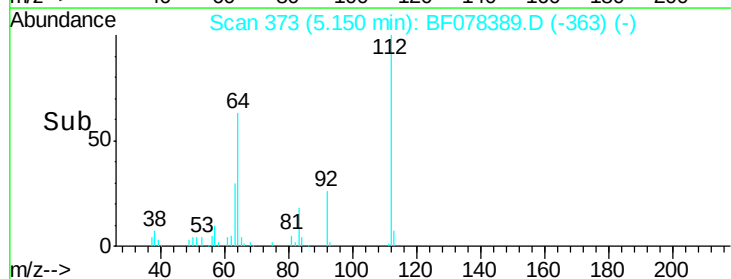
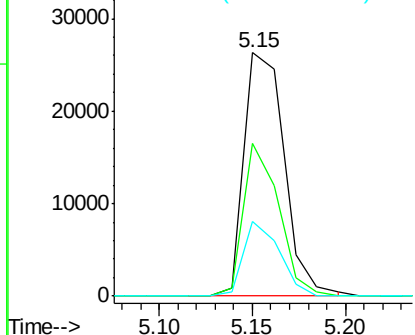


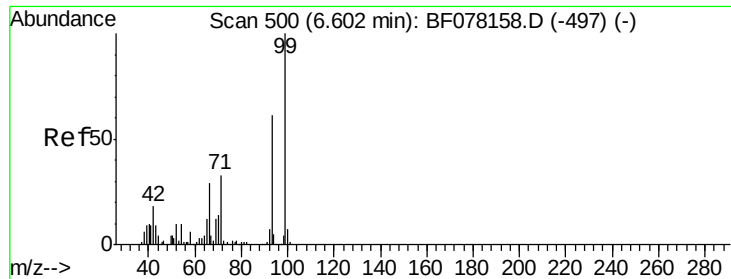
#5
 2-Fluorophenol
 Concen: 18.99 ng
 RT: 5.15 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: BF078389.D
 Acq: 10 Apr 2015 7:48

Tgt Ion:112 Resp: 39481
 Ion Ratio Lower Upper
 112 100
 64 62.7 39.9 59.9#
 63 30.5 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: 19.58 ng

RT: 6.49 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF078389.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_F

ClientSampleId :

FD03

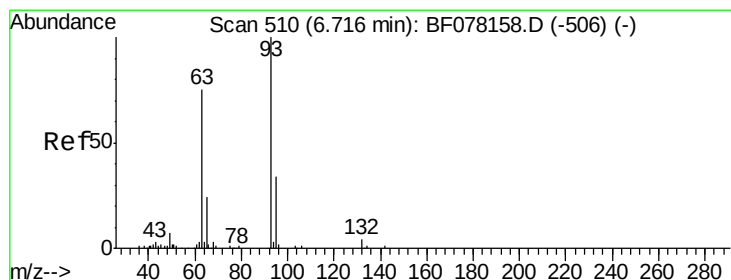
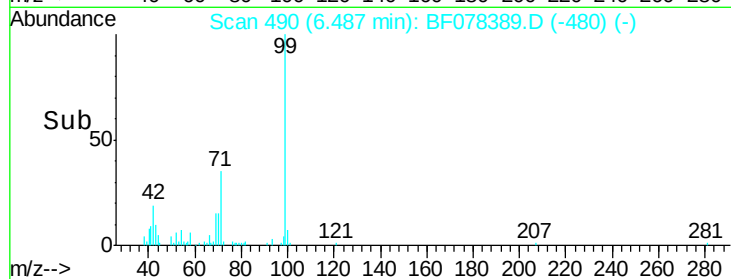
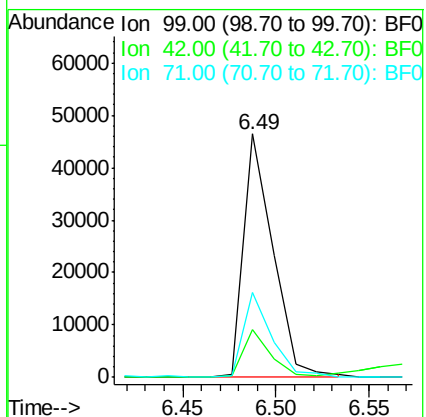
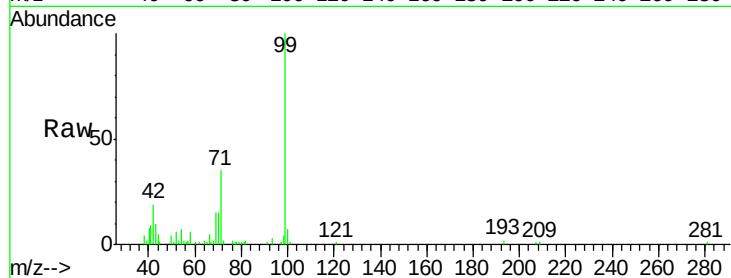
Tgt Ion: 99 Resp: 51027

Ion Ratio Lower Upper

99 100

42 19.5 14.8 22.2

71 34.8 26.6 39.8



#11

bis(2-Chloroethyl)ether

Concen: 4.34 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF078389.D

Acq: 10 Apr 2015 7:48

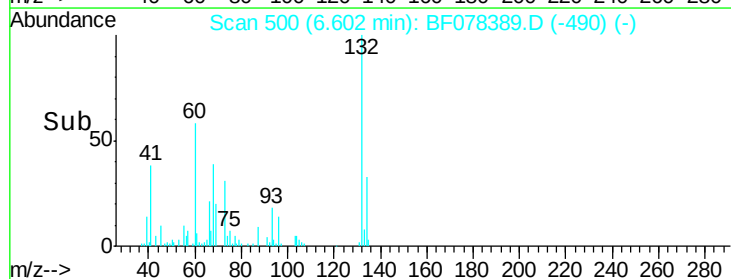
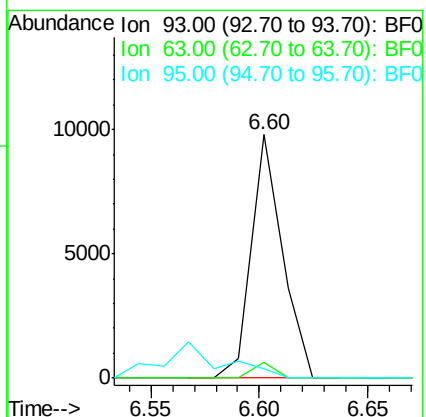
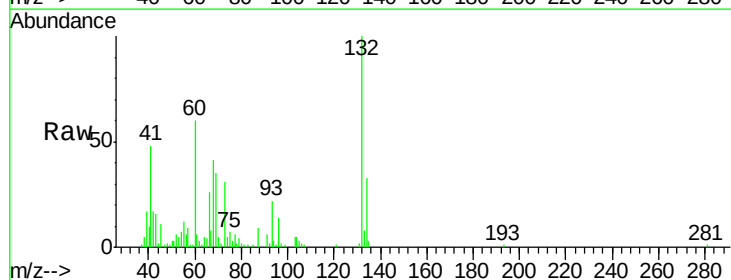
Tgt Ion: 93 Resp: 9740

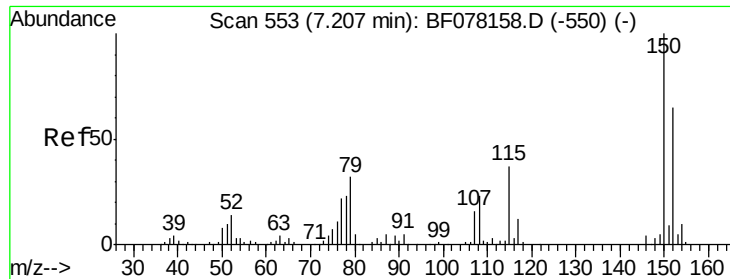
Ion Ratio Lower Upper

93 100

63 6.6 54.6 94.6#

95 3.6 13.6 53.6#





#15

Benzyl Alcohol

Concen: 189.03 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF078389.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_F

ClientSampleId :

FD03

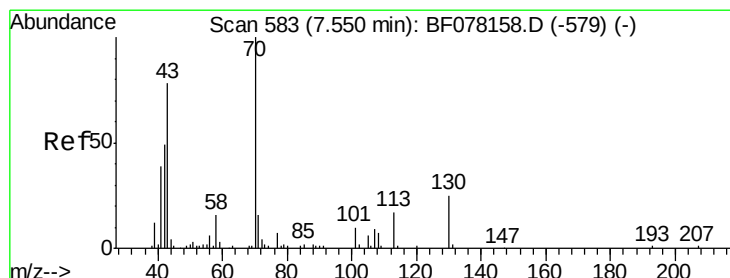
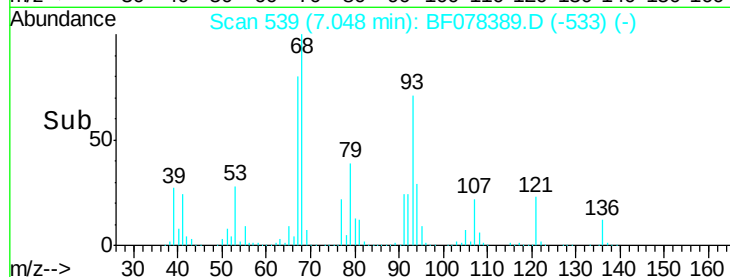
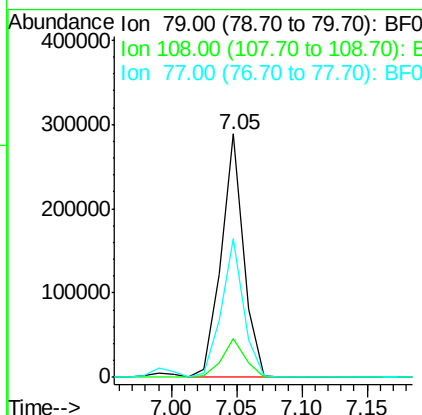
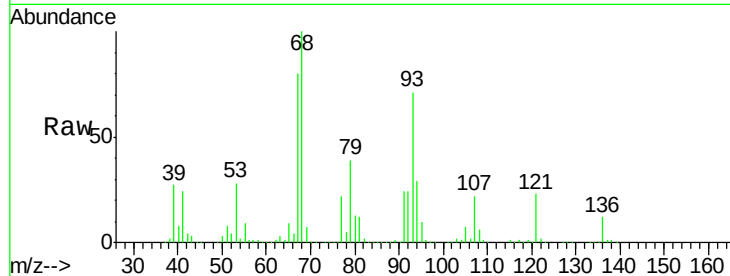
Tgt Ion: 79 Resp: 346155

Ion Ratio Lower Upper

79 100

108 15.8 57.6 86.4#

77 57.0 53.5 80.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.24 ng

RT: 7.45 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF078389.D

Acq: 10 Apr 2015 7:48

Tgt Ion: 70 Resp: 3849

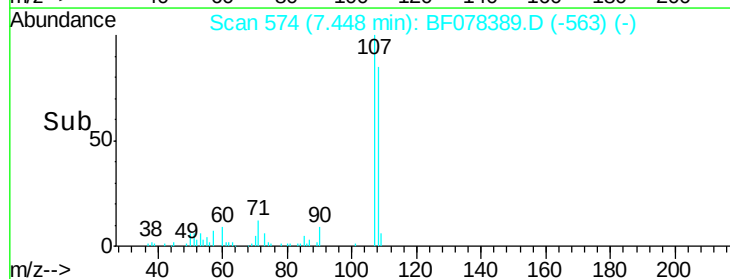
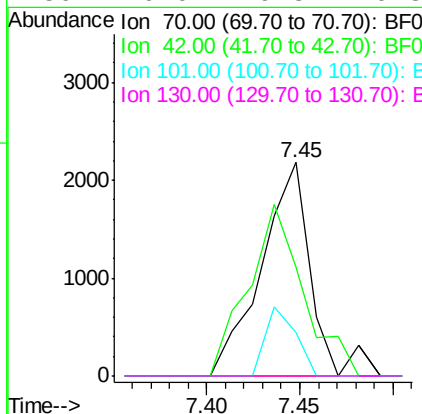
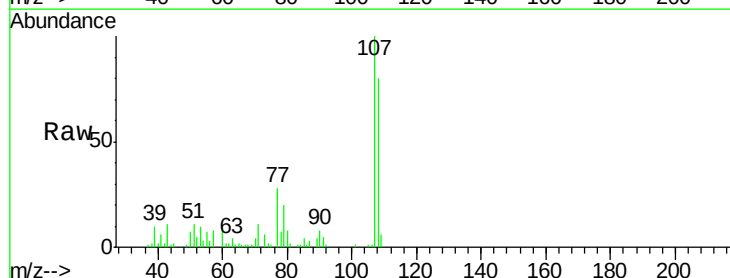
Ion Ratio Lower Upper

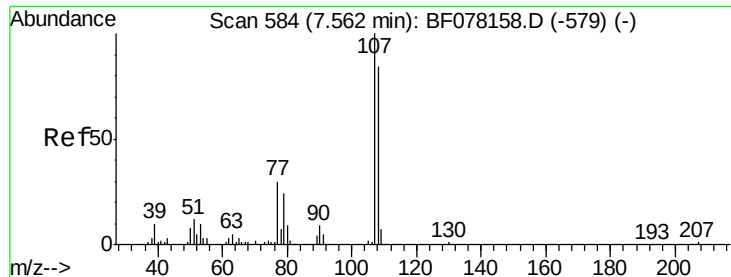
70 100

42 51.0 38.9 58.3

101 20.5 8.3 12.5#

130 0.0 19.8 29.8#

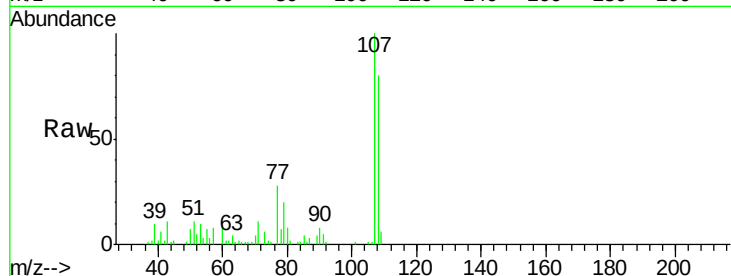




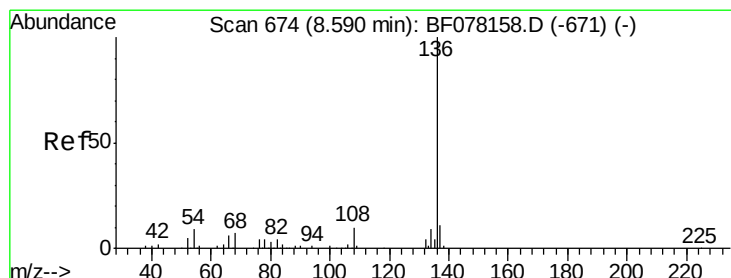
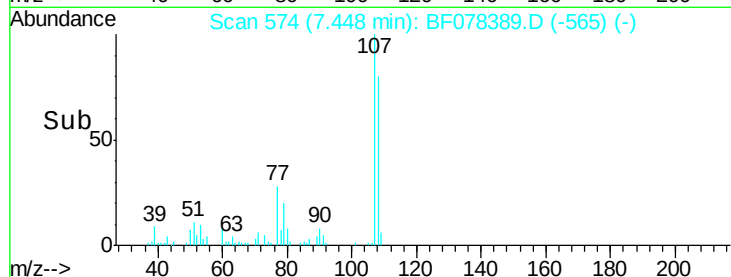
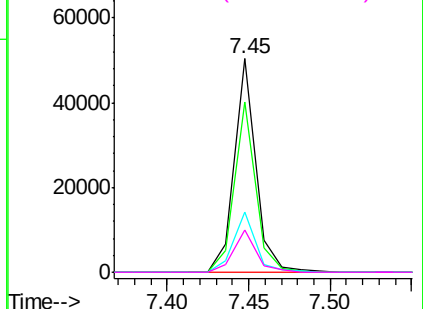
#20
 3+4-Methylphenols
 Concen: 17.96 ng
 RT: 7.45 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF078389.D
 Acq: 10 Apr 2015 7:48

Instrument :
 BNA_F
 ClientSampleId :
 FD03

Tgt Ion:	107	Resp:	45733
Ion	Ratio	Lower	Upper
107	100		
108	80.0	64.4	104.4
77	28.3	9.7	49.7
79	19.7	4.0	44.0

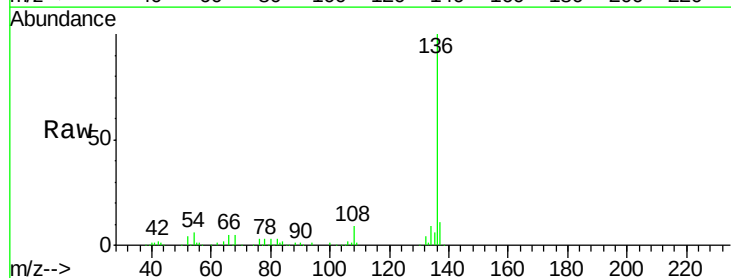


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

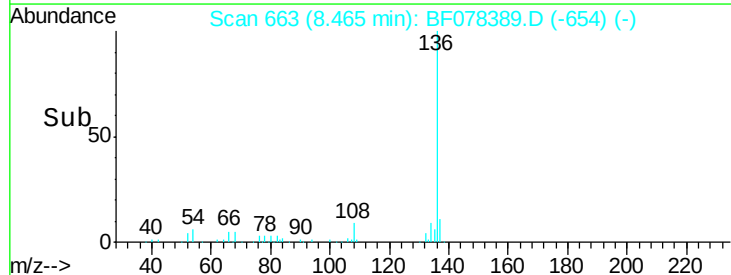
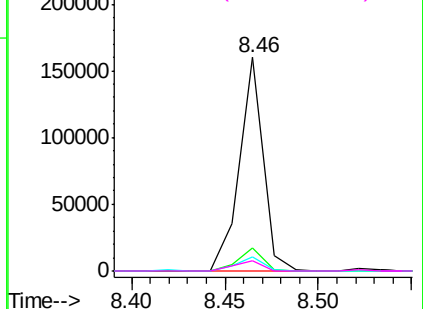


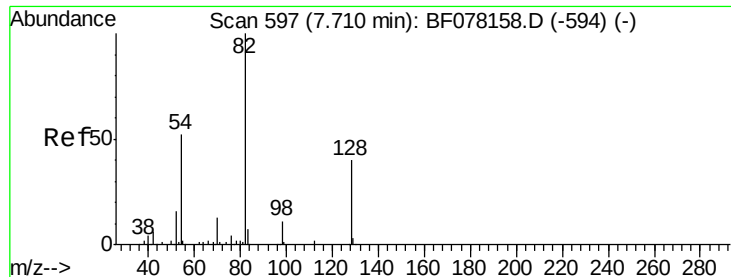
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF078389.D
 Acq: 10 Apr 2015 7:48

Tgt Ion:	136	Resp:	142383
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.4	7.0	10.6#
68	5.0	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

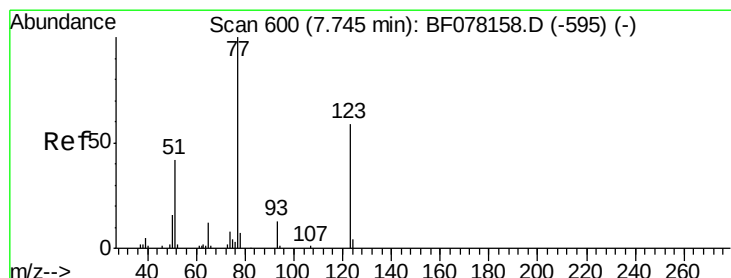
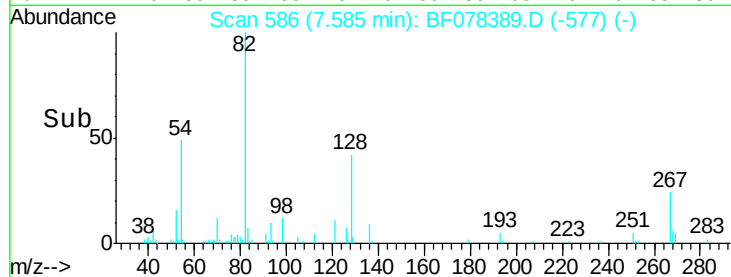
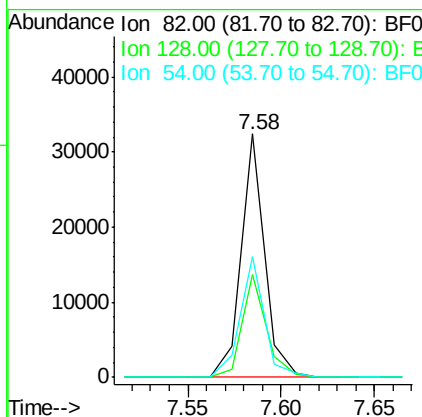
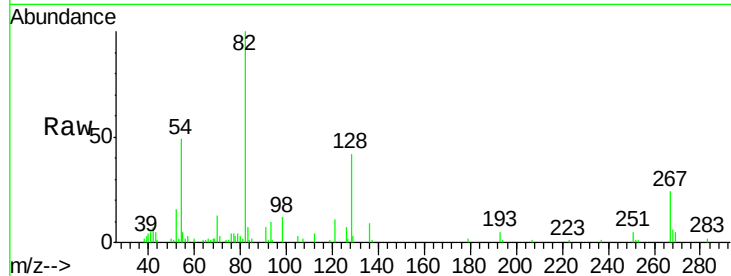




#23
 Nitrobenzene-d5
 Concen: 12.14 ng
 RT: 7.58 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF078389.D
 Acq: 10 Apr 2015 7:48

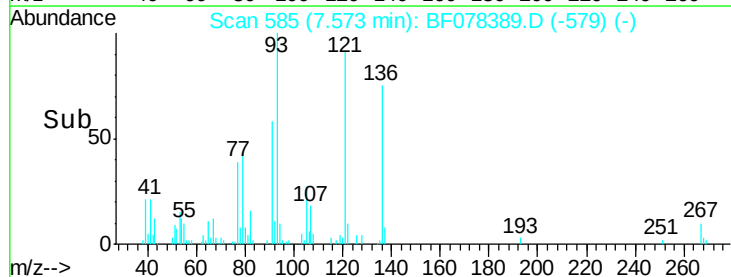
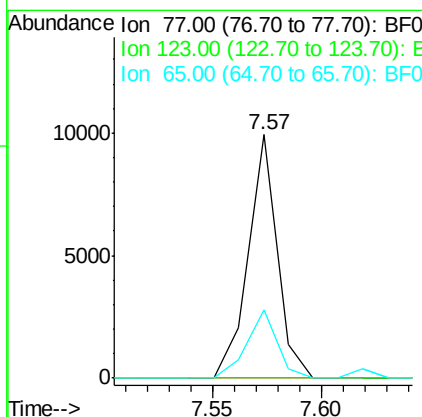
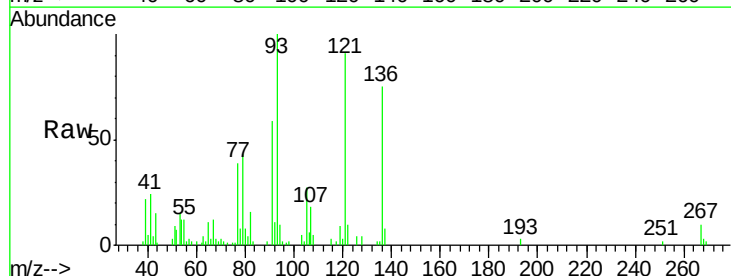
Instrument :
 BNA_F
 ClientSampleId :
 FD03

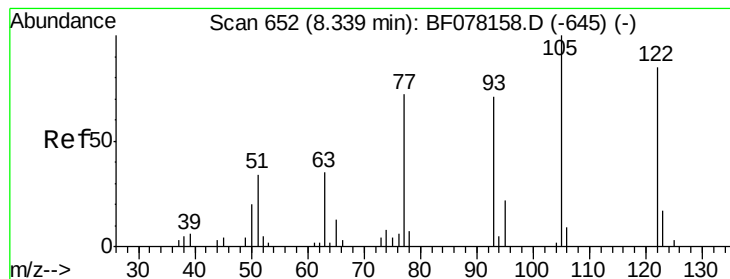
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.8	47.8
54	49.3	41.5	62.3



#24
 Nitrobenzene
 Concen: 3.73 ng
 RT: 7.57 min Scan# 585
 Delta R.T. -0.03 min
 Lab File: BF078389.D
 Acq: 10 Apr 2015 7:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	46.9	70.3#
65	28.1	9.5	14.3#





#32

Benzoic acid

Concen: 29.76 ng

RT: 8.22 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF078389.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_F

ClientSampleId :

FD03

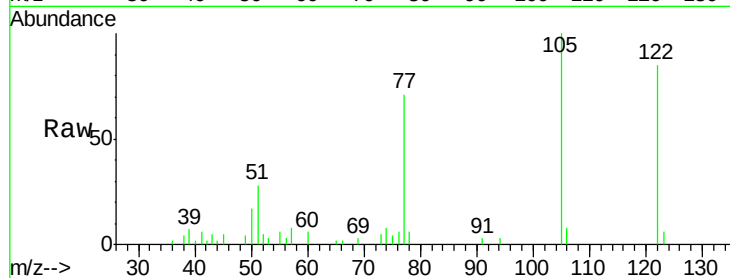
Tgt Ion:122 Resp: 27894

Ion Ratio Lower Upper

122 100

105 118.2 96.1 136.1

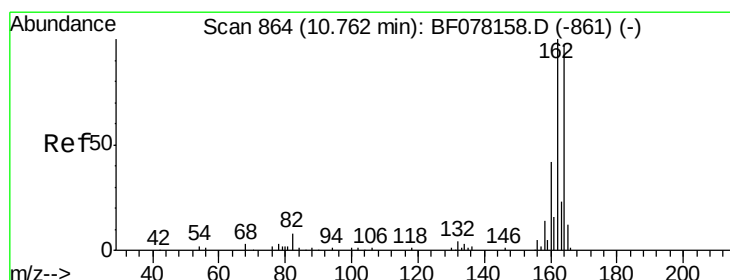
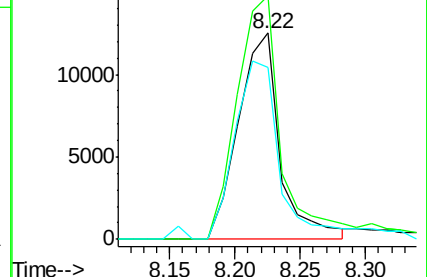
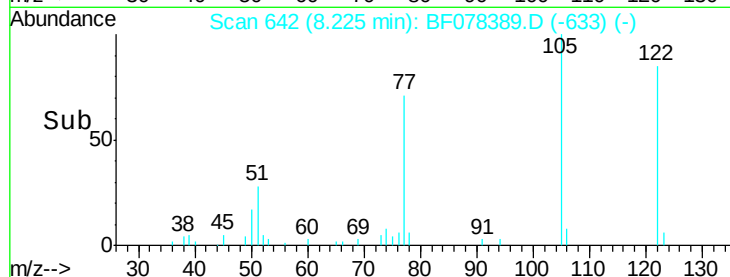
77 83.5 64.1 104.1



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: 10.63 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF078389.D

Acq: 10 Apr 2015 7:48

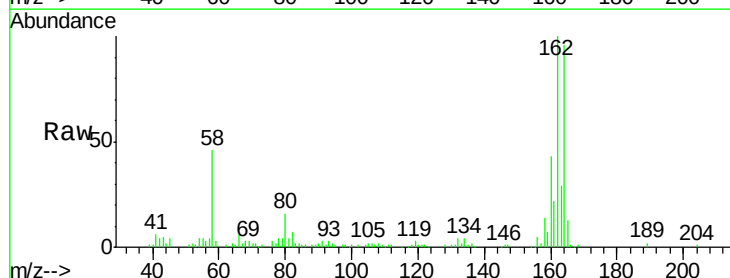
Tgt Ion:164 Resp: 71480

Ion Ratio Lower Upper

164 100

162 104.1 82.2 123.2

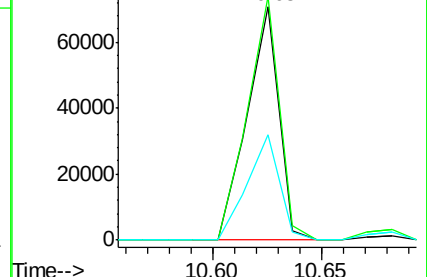
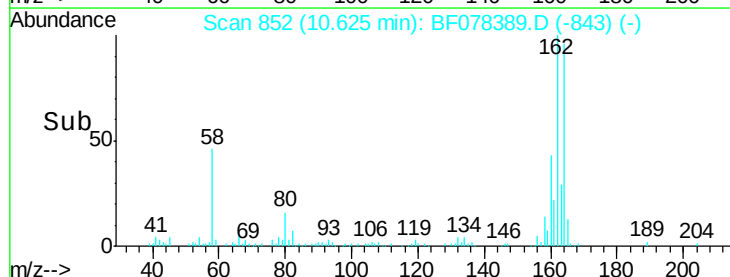
160 44.9 34.7 52.1

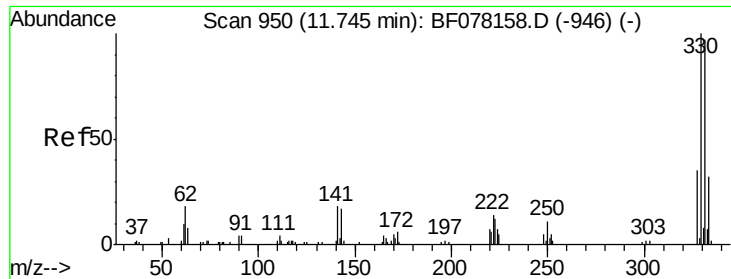


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

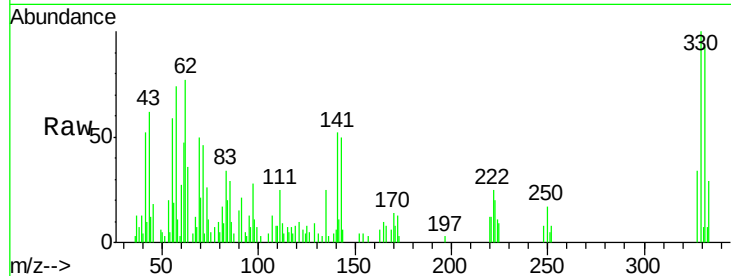




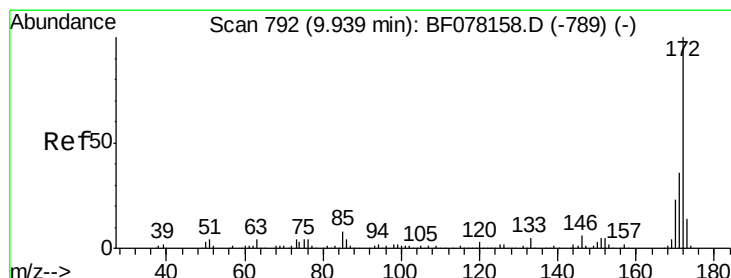
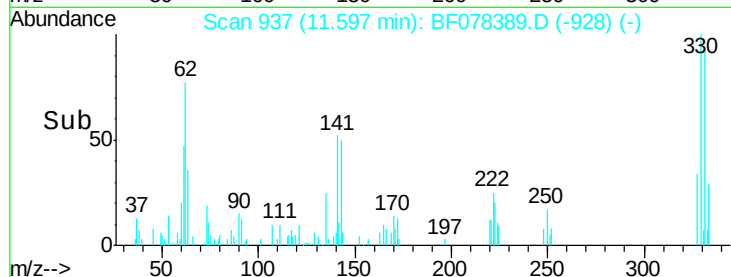
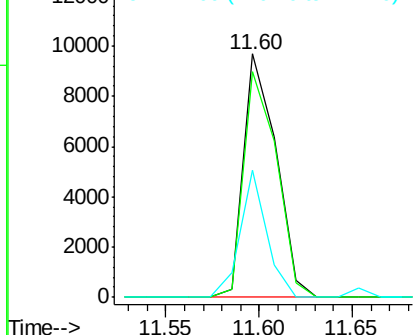
#41
 2,4,6-Tribromophenol
 Concen: 19.76 ng
 RT: 11.60 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF078389.D
 Acq: 10 Apr 2015 7:48

Instrument :
 BNA_F
 ClientSampleId :
 FD03

Tgt Ion: 330 Resp: 11712
 Ion Ratio Lower Upper
 330 100
 332 94.4 78.6 117.8
 141 43.0 31.2 46.8

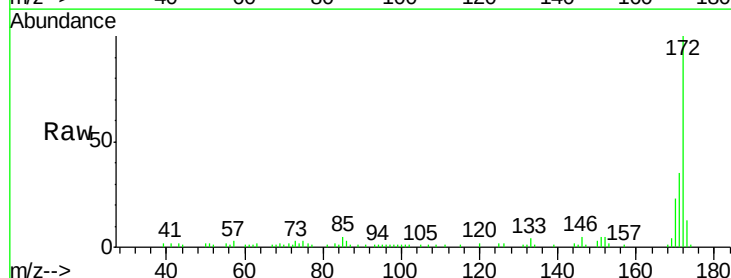


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

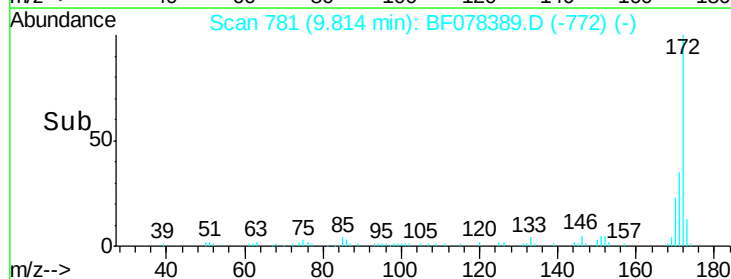
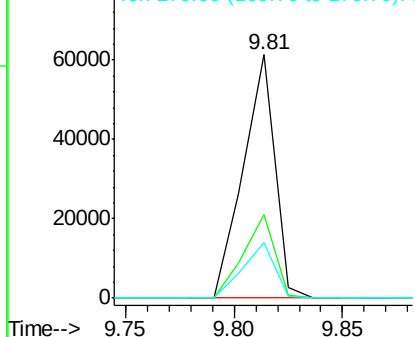


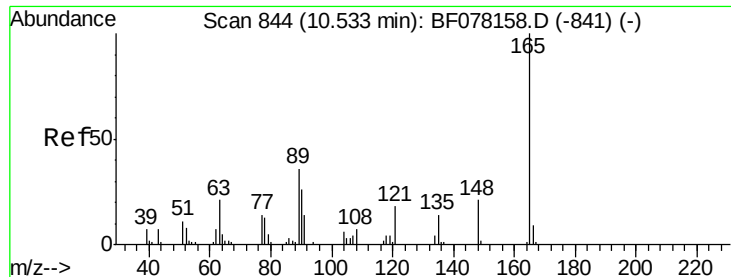
#44
 2-Fluorobiphenyl
 Concen: 12.40 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF078389.D
 Acq: 10 Apr 2015 7:48

Tgt Ion: 172 Resp: 61986
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.6 42.8
 170 22.9 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

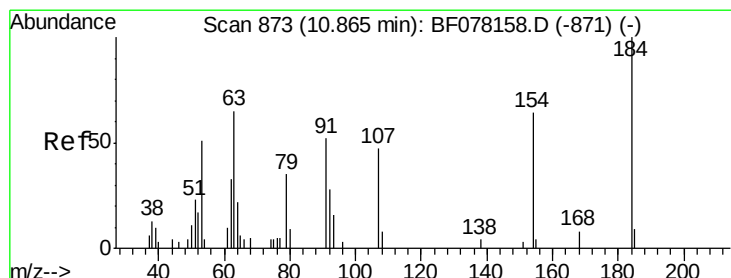
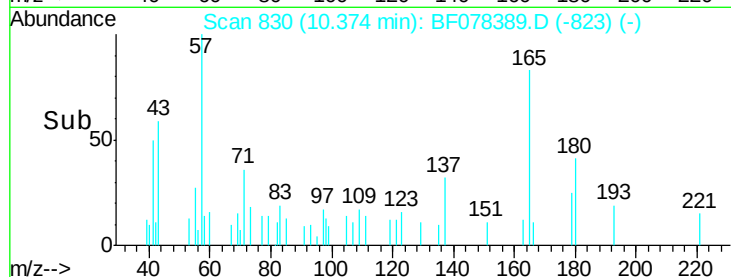
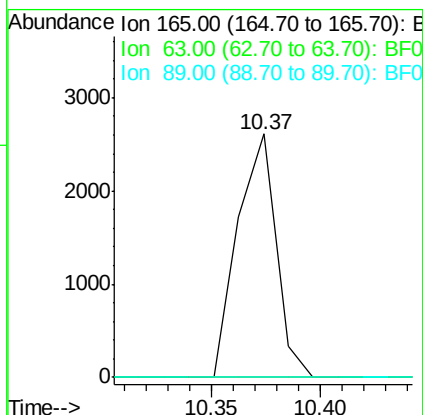
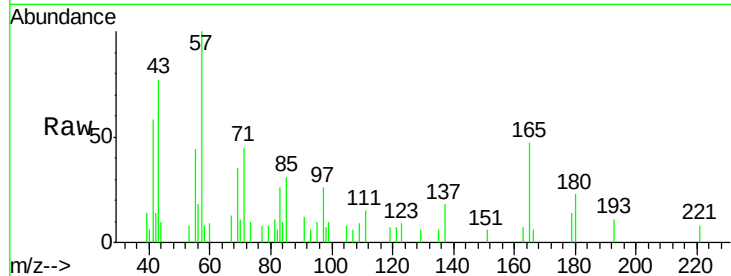




#50
 2,6-Dinitrotoluene
 Concen: 2.90 ng
 RT: 10.37 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF078389.D
 Acq: 10 Apr 2015 7:48

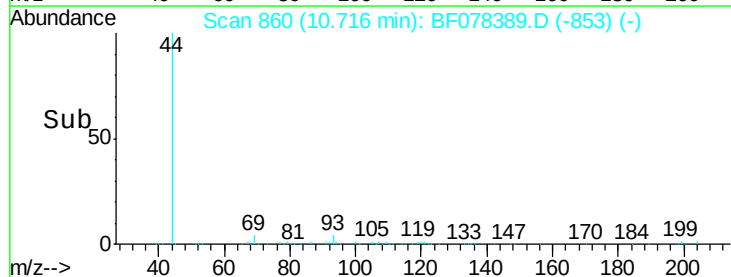
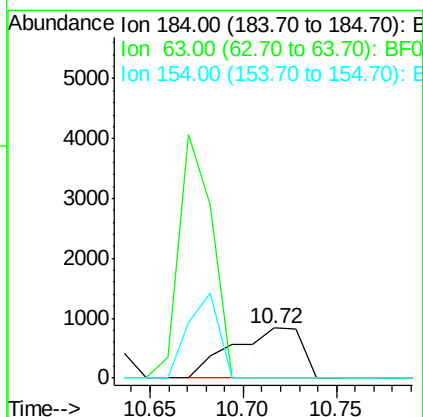
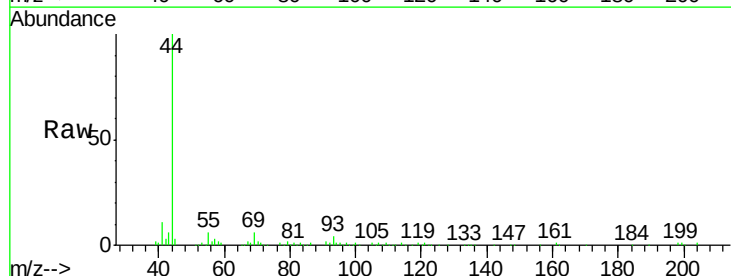
Instrument :
 BNA_F
 ClientSampleId :
 FD03

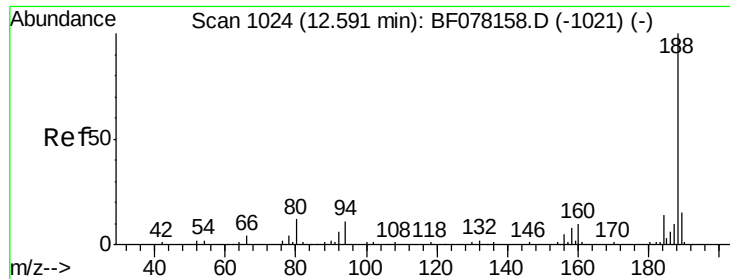
Tgt Ion:165 Resp: 3199
 Ion Ratio Lower Upper
 165 100
 63 0.0 24.1 36.1#
 89 0.0 28.9 43.3#



#53
 2,4-Dinitrophenol
 Concen: 14.35 ng
 RT: 10.72 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: BF078389.D
 Acq: 10 Apr 2015 7:48

Tgt Ion:184 Resp: 2149
 Ion Ratio Lower Upper
 184 100
 63 0.0 51.9 77.9#
 154 0.0 51.0 76.4#

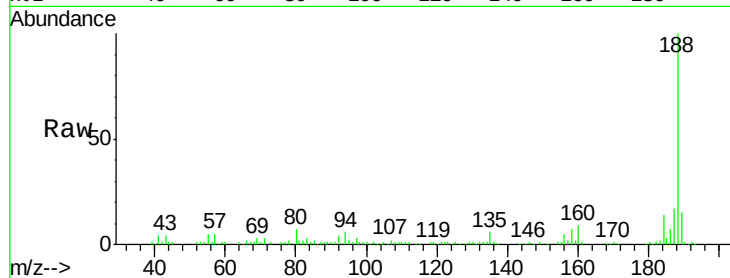




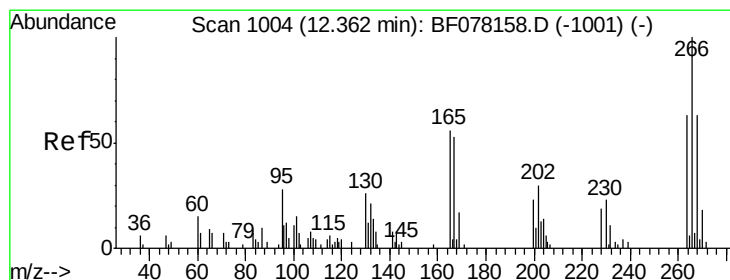
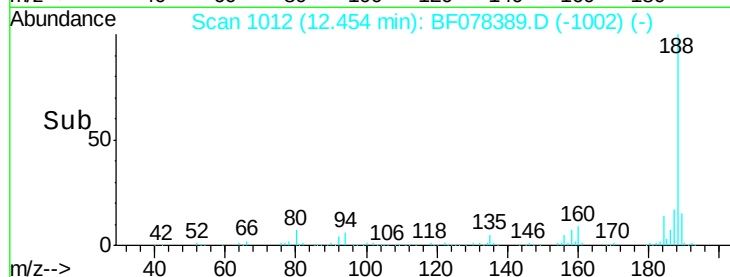
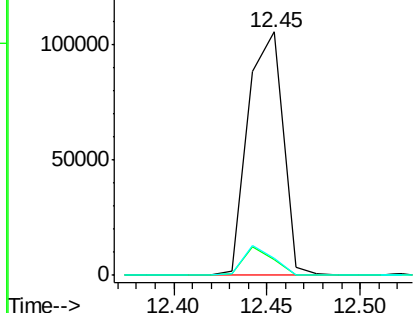
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.45 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF078389.D
 Acq: 10 Apr 2015 7:48

Instrument :
 BNA_F
 ClientSampled :
 FD03

Tgt Ion:188 Resp: 136848
 Ion Ratio Lower Upper
 188 100
 94 6.3 9.0 13.4#
 80 6.8 9.5 14.3#

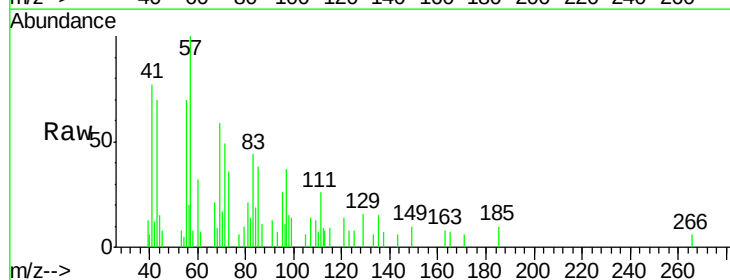


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

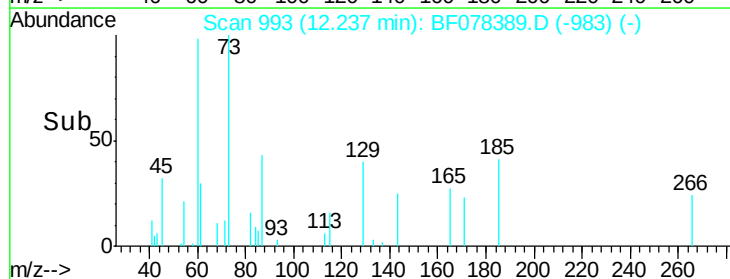
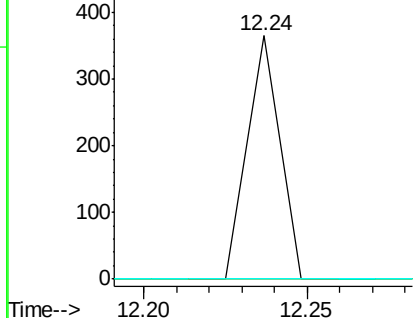


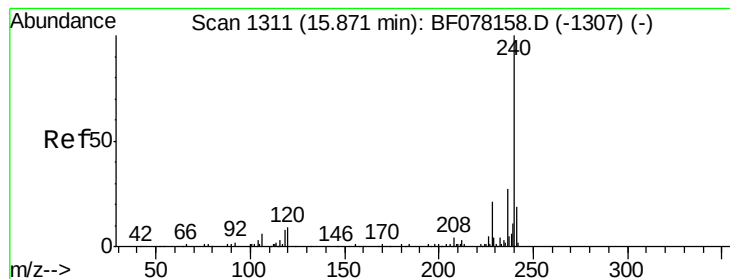
#69
 Pentachlorophenol
 Concen: 8.08 ng
 RT: 12.24 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF078389.D
 Acq: 10 Apr 2015 7:48

Tgt Ion:266 Resp: 250
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.1 75.1#
 264 0.0 50.0 75.0#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF078389.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_F

ClientSampleId :

FD03

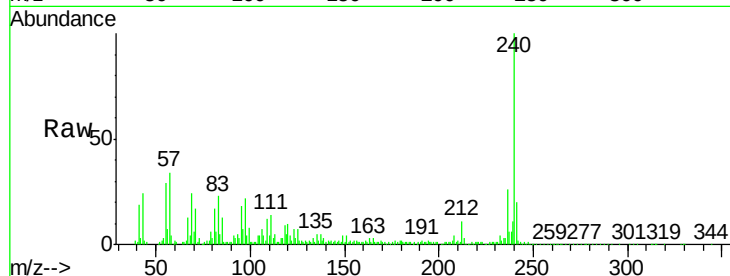
Tgt Ion:240 Resp: 140104

Ion Ratio Lower Upper

240 100

120 10.4 7.1 10.7

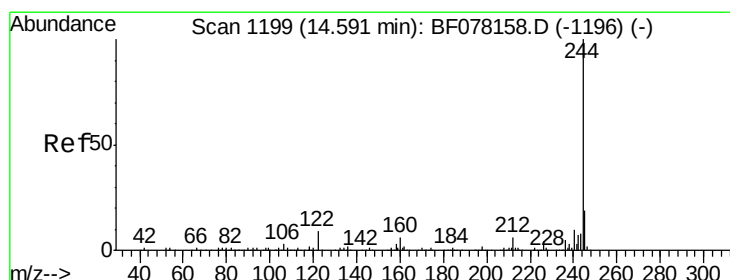
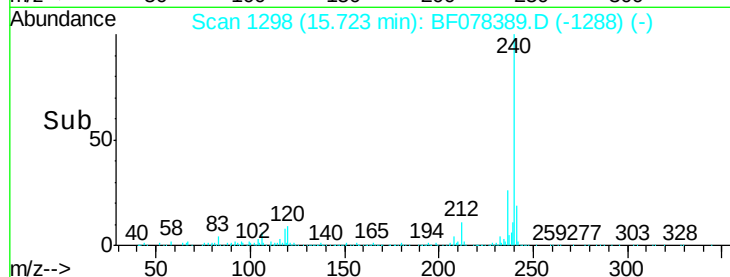
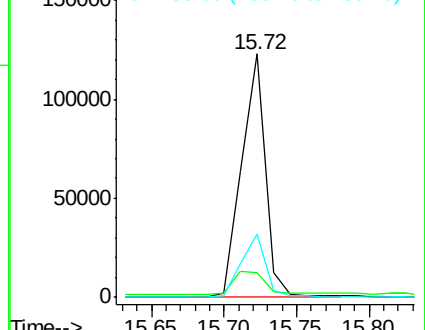
236 25.9 21.4 32.2



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: 11.45 ng

RT: 14.44 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF078389.D

Acq: 10 Apr 2015 7:48

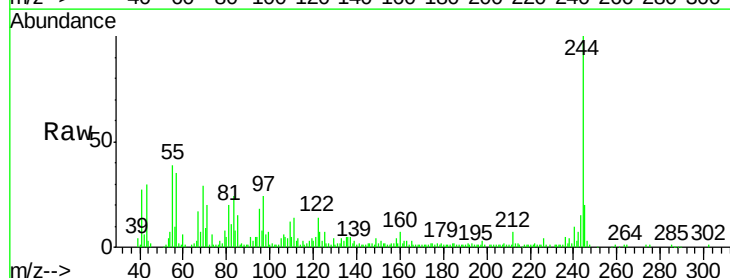
Tgt Ion:244 Resp: 71018

Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

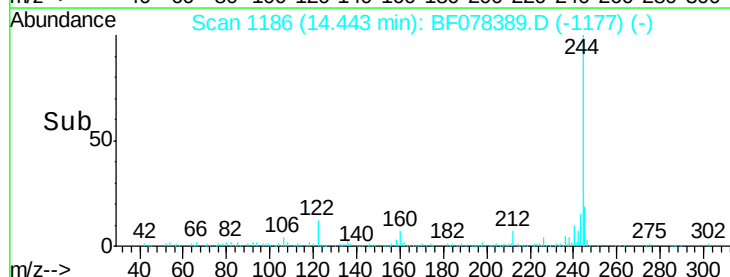
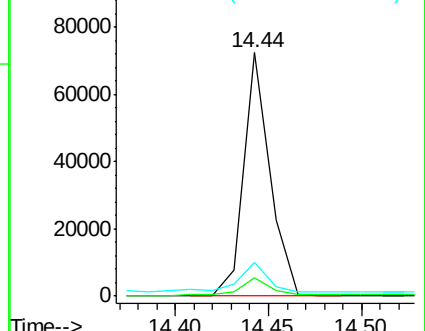
122 13.9 7.1 10.7#

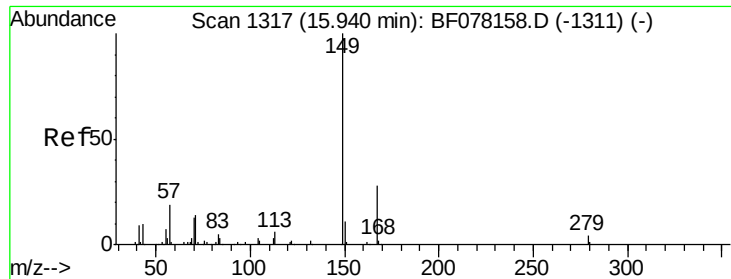


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

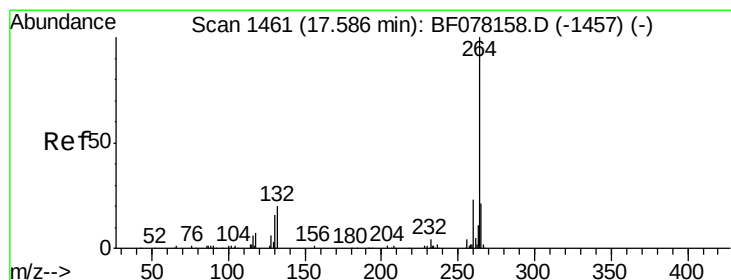
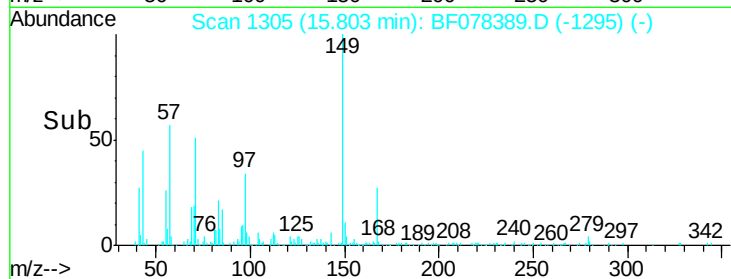
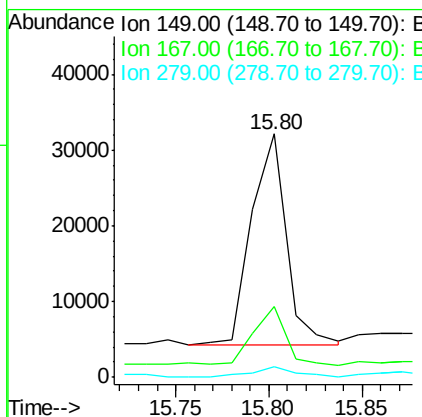
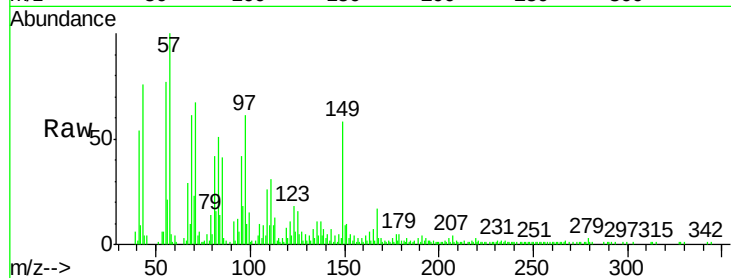




#83
Bis(2-ethylhexyl)phthalate
Concen: 6.84 ng
RT: 15.80 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF078389.D
Acq: 10 Apr 2015 7:48

Instrument :
BNA_F
ClientSampleId :
FD03

Tgt Ion:149 Resp: 35955
Ion Ratio Lower Upper
149 100
167 28.9 22.2 33.2
279 4.5 3.2 4.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.46 min Scan# 1450
Delta R.T. 0.05 min
Lab File: BF078389.D
Acq: 10 Apr 2015 7:48

Tgt Ion:264 Resp: 119330
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 22.5 17.0 25.6

