

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078031.D
 Acq On : 27 Mar 2015 9:49
 Operator : TP/IZ
 Sample : G1611-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Quant Time: Mar 27 14:11:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

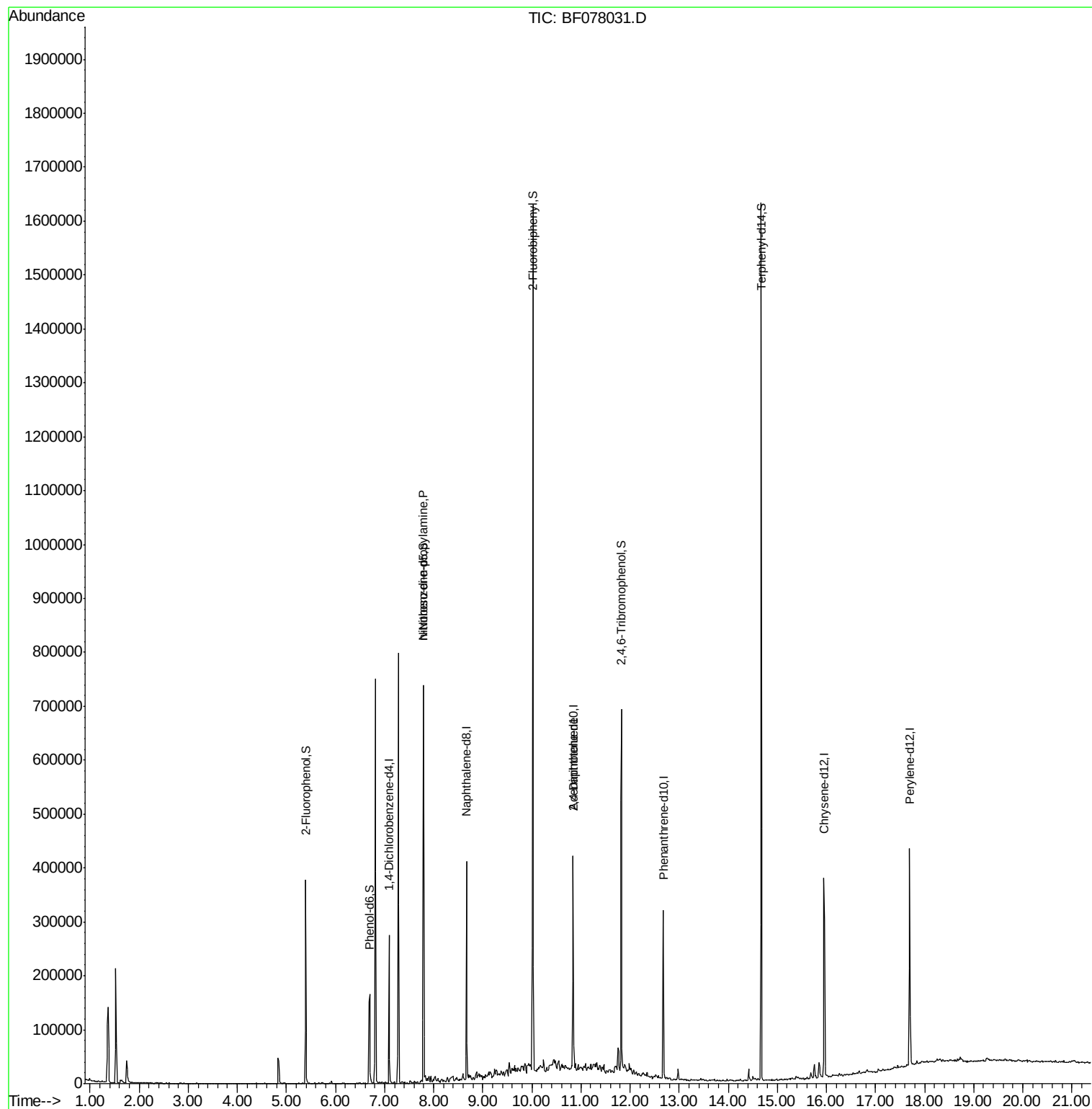
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	43679	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	176241	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	87930	20.00	ng	-0.07
63) Phenanthrene-d10	12.68	188	173663	20.00	ng	-0.07
75) Chrysene-d12	15.95	240	185757	20.00	ng	-0.18
86) Perylene-d12	17.70	264	179059	20.00	ng	-0.40
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	125006	49.96	ng	-0.05
7) Phenol-d6	6.69	99	91880	29.72	ng	-0.03
23) Nitrobenzene-d5	7.79	82	226616	84.29	ng	-0.07
41) 2,4,6-Tribromophenol	11.82	330	102843	122.24	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	489002	81.73	ng	-0.07
78) Terphenyl-d14	14.67	244	579249	76.17	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	30677	14.34	ng	# 80
56) 2,4-Dinitrotoluene	10.84	165	12116	6.87	ng	# 11

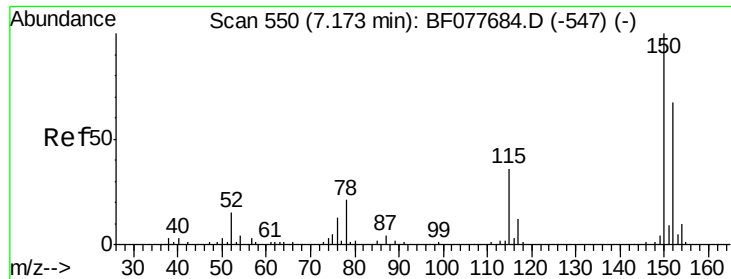
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 19 02:09:19 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.07 min

Lab File: BF078031.D

Acq: 27 Mar 2015 9:49

Instrument :

BNA_F

ClientSampleId :

MW-36

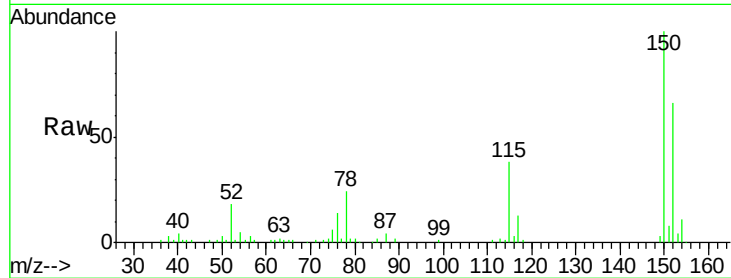
Tgt Ion:152 Resp: 43679

Ion Ratio Lower Upper

152 100

150 151.1 119.5 179.3

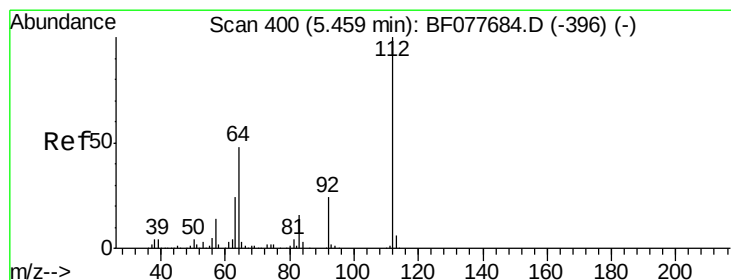
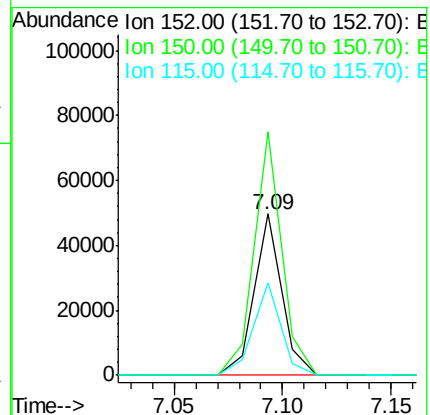
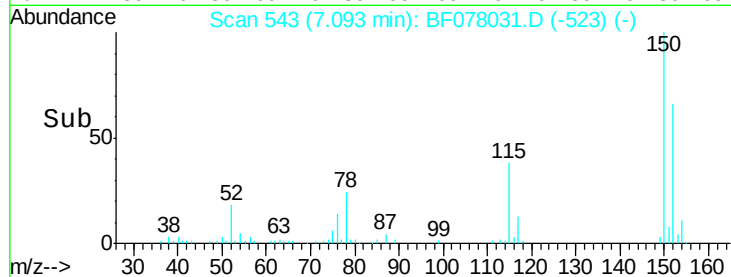
115 57.4 43.0 64.4



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: 49.96 ng

RT: 5.39 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF078031.D

Acq: 27 Mar 2015 9:49

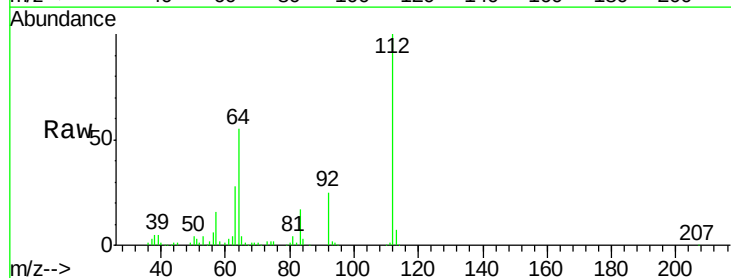
Tgt Ion:112 Resp: 125006

Ion Ratio Lower Upper

112 100

64 55.2 38.6 57.8

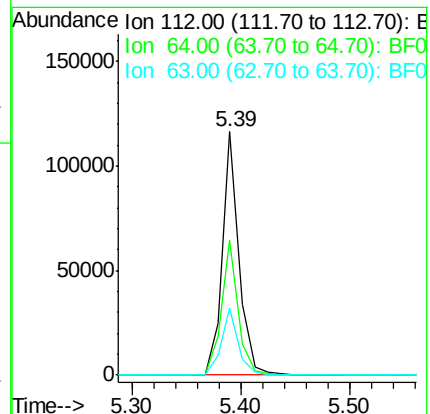
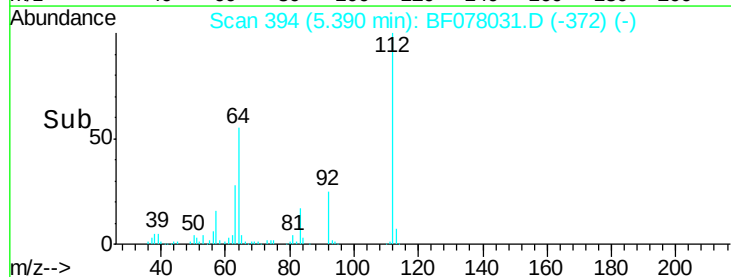
63 27.7 19.3 28.9

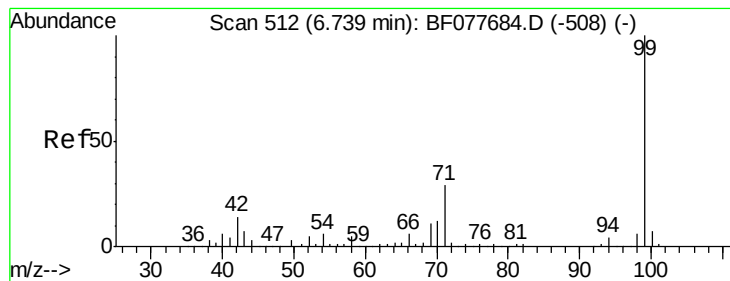


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.72 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF078031.D

Acq: 27 Mar 2015 9:49

Instrument :

BNA_F

ClientSampleId :

MW-36

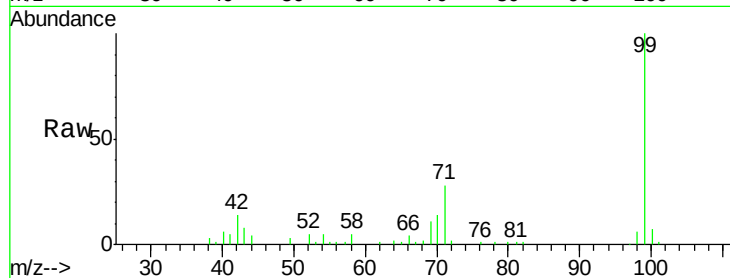
Tgt Ion: 99 Resp: 91880

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

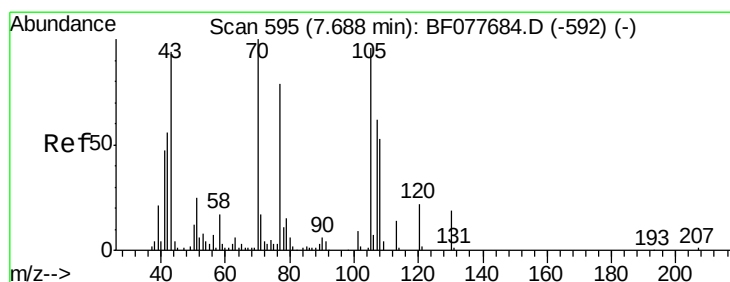
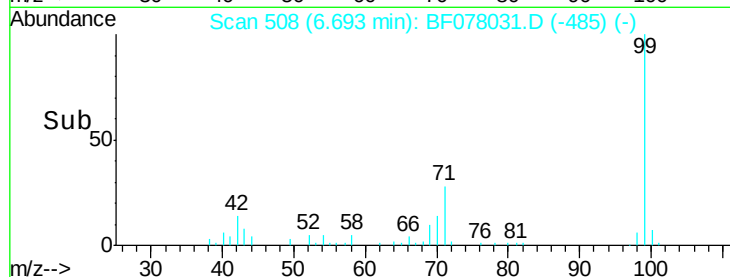
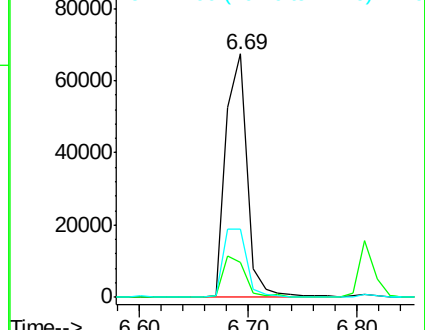
71 27.9 23.4 35.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.34 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.10 min

Lab File: BF078031.D

Acq: 27 Mar 2015 9:49

Tgt Ion: 70 Resp: 30677

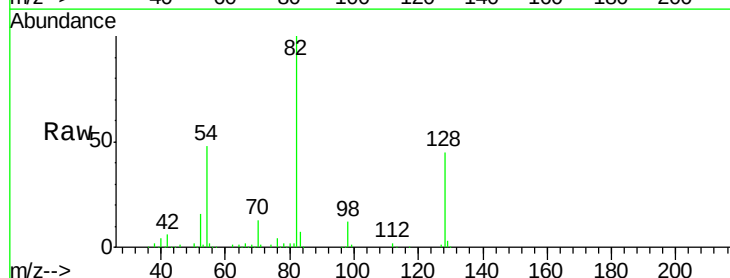
Ion Ratio Lower Upper

70 100

42 45.5 44.5 66.7

101 0.0 7.4 11.2#

130 2.4 15.3 22.9#

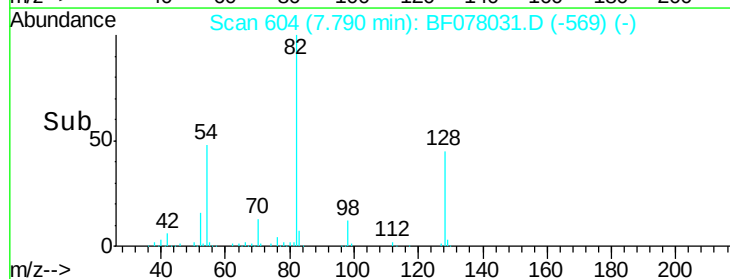
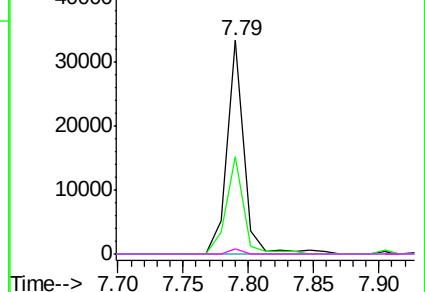


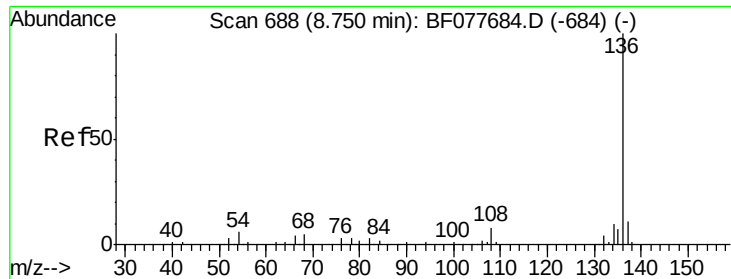
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. -0.07 min

Lab File: BF078031.D

Acq: 27 Mar 2015 9:49

Instrument :

BNA_F

ClientSampleId :

MW-36

Tgt Ion:136 Resp: 176241

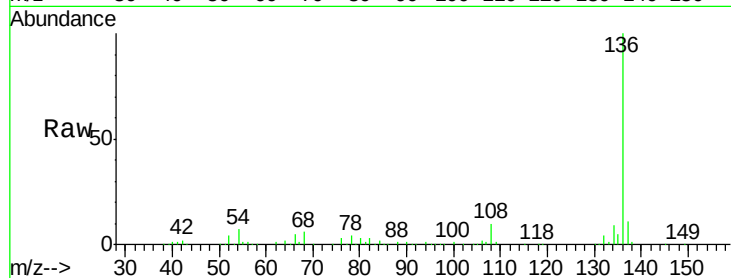
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 7.1 4.6 6.8#

68 5.8 3.7 5.5#

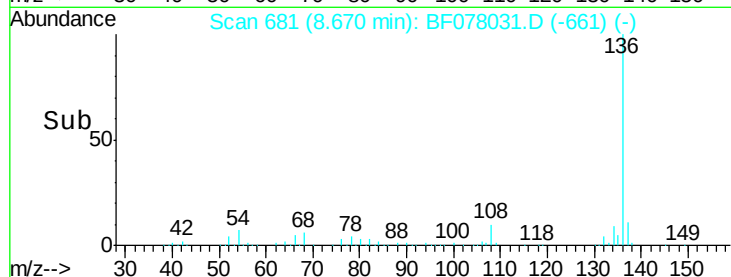


Abundance Ion 136.00 (135.70 to 136.70): E

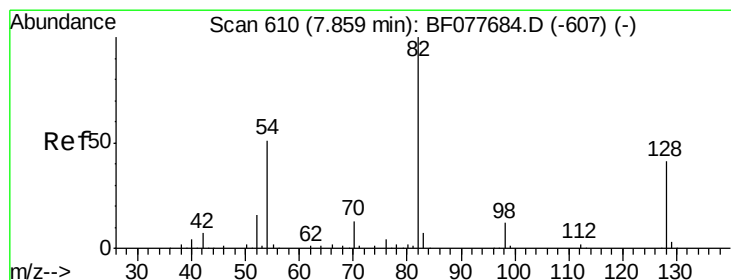
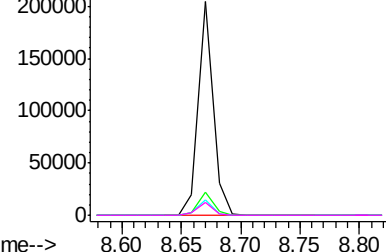
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 84.29 ng

RT: 7.79 min Scan# 604

Delta R.T. -0.07 min

Lab File: BF078031.D

Acq: 27 Mar 2015 9:49

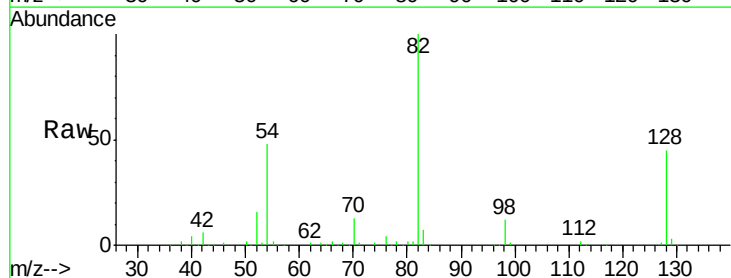
Tgt Ion: 82 Resp: 226616

Ion Ratio Lower Upper

82 100

128 45.0 32.8 49.2

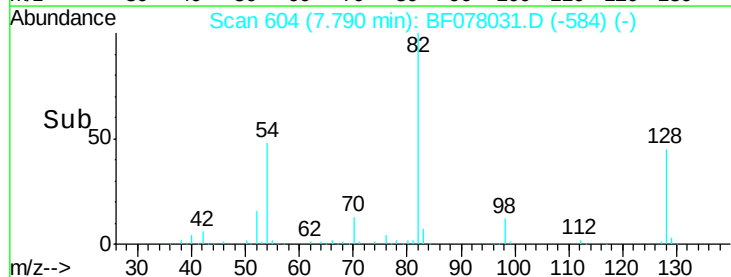
54 47.9 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

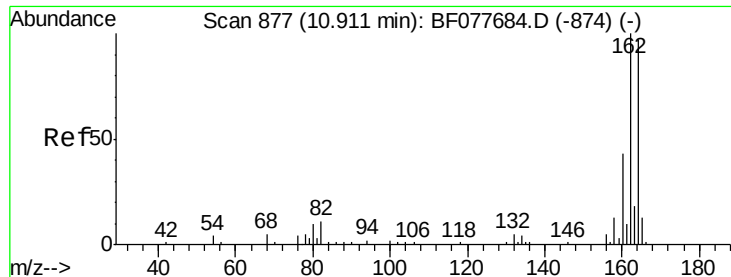
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. -0.07 min

Lab File: BF078031.D

Acq: 27 Mar 2015 9:49

Instrument :

BNA_F

ClientSampleId :

MW-36

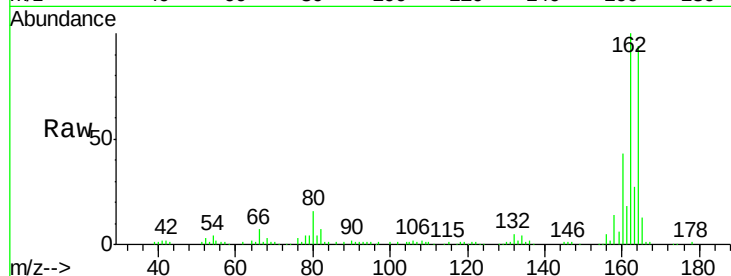
Tgt Ion:164 Resp: 87930

Ion Ratio Lower Upper

164 100

162 106.0 82.4 123.6

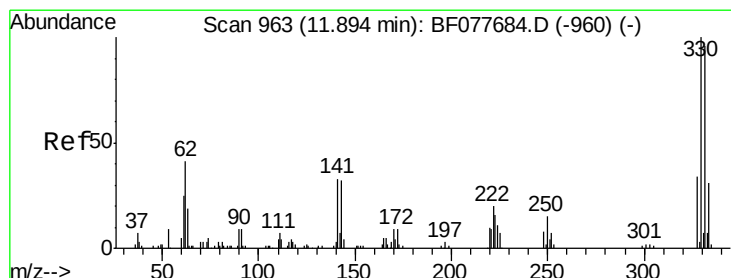
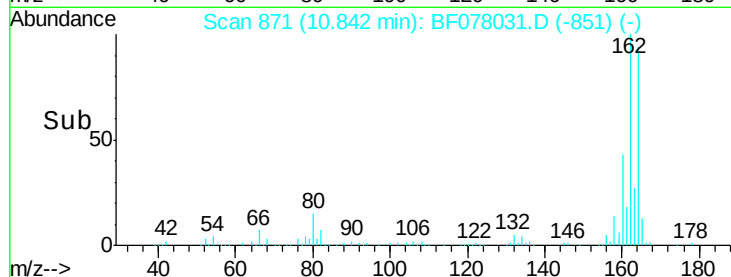
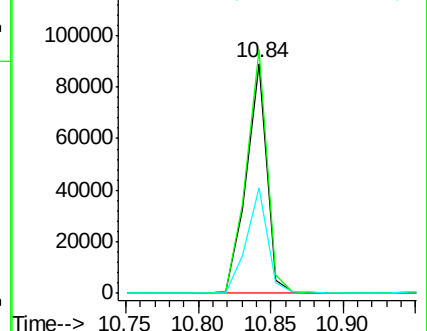
160 45.7 35.8 53.6



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: 122.24 ng

RT: 11.82 min Scan# 957

Delta R.T. -0.07 min

Lab File: BF078031.D

Acq: 27 Mar 2015 9:49

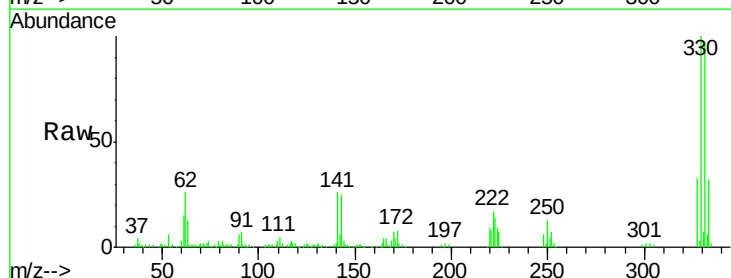
Tgt Ion:330 Resp: 102843

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

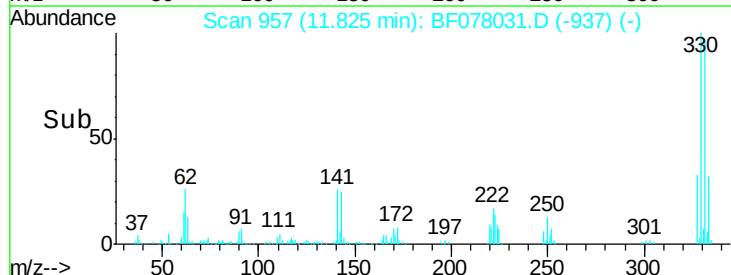
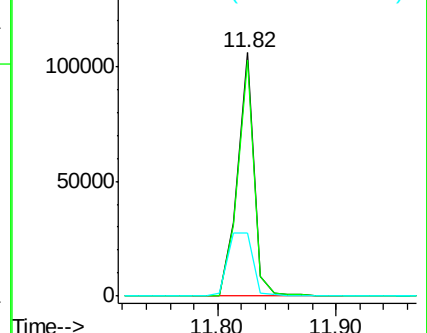
141 38.6 0.0 0.0#

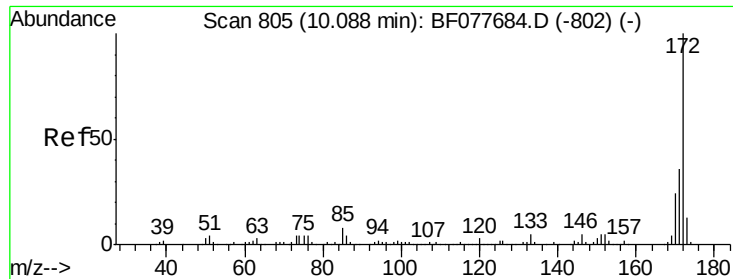


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

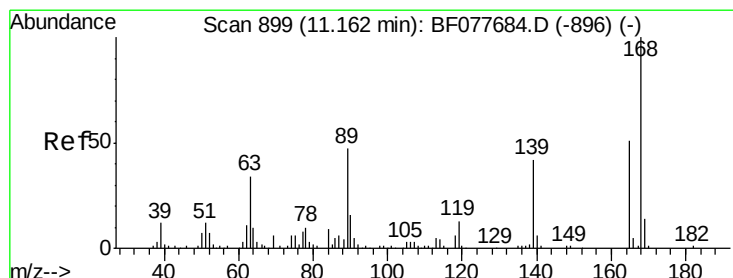
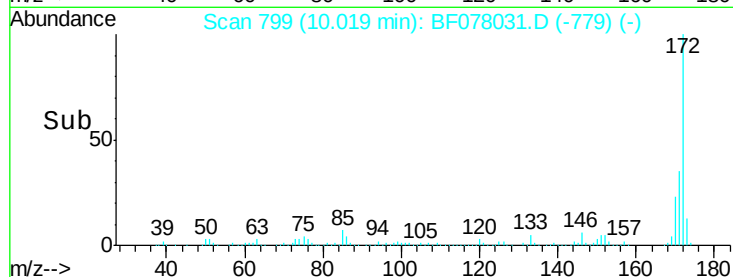
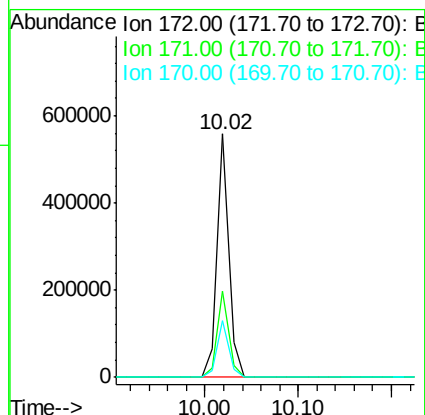
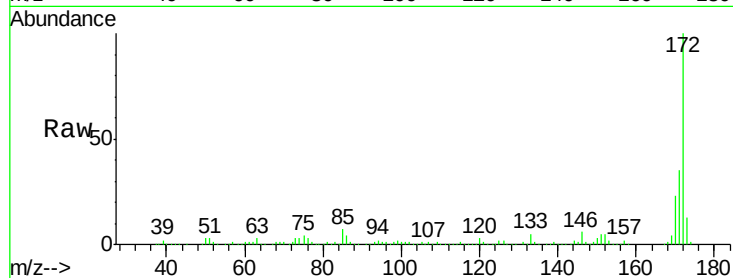




#44
 2-Fluorobiphenyl
 Concen: 81.73 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF078031.D
 Acq: 27 Mar 2015 9:49

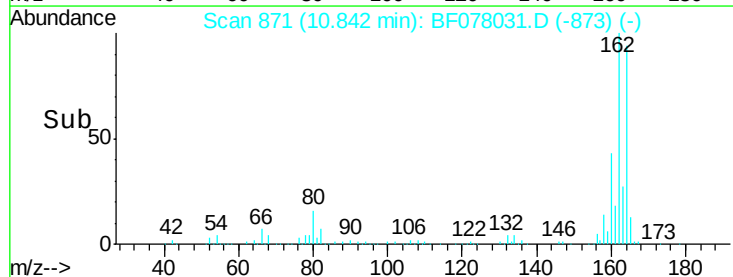
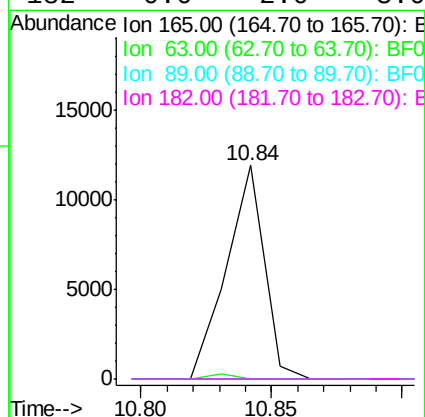
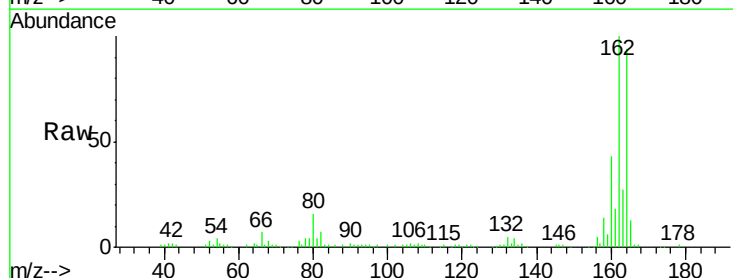
Instrument :
 BNA_F
 ClientSampleId :
 MW-36

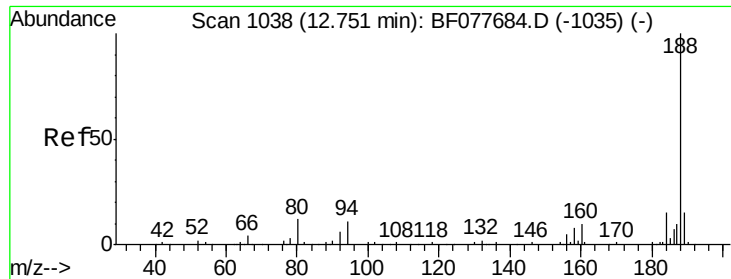
Tgt Ion:172 Resp: 489002
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.4 18.8 28.2



#56
 2,4-Dinitrotoluene
 Concen: 6.87 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.32 min
 Lab File: BF078031.D
 Acq: 27 Mar 2015 9:49

Tgt Ion:165 Resp: 12116
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#

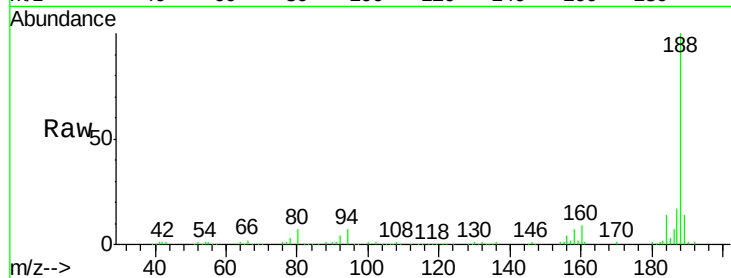




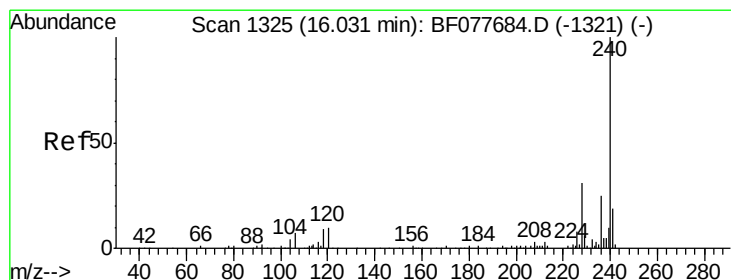
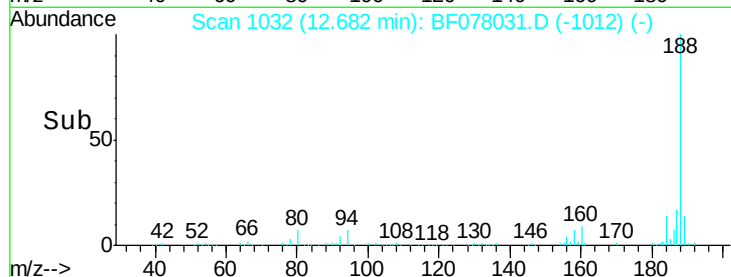
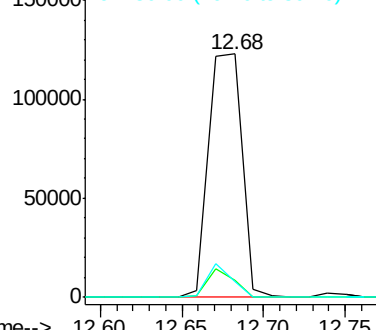
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.68 min Scan# 1032
Delta R.T. -0.07 min
Lab File: BF078031.D
Acq: 27 Mar 2015 9:49

Instrument :
BNA_F
ClientSampleId :
MW-36

Tgt Ion:188 Resp: 173663
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 6.6 9.3 13.9#

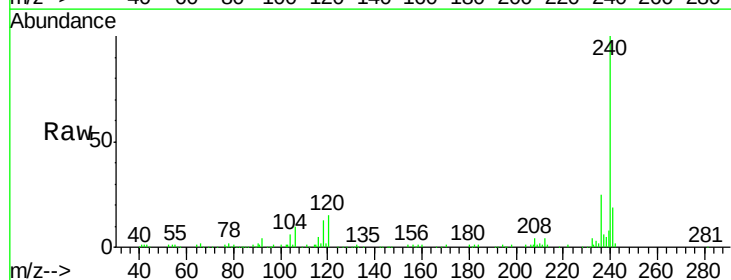


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

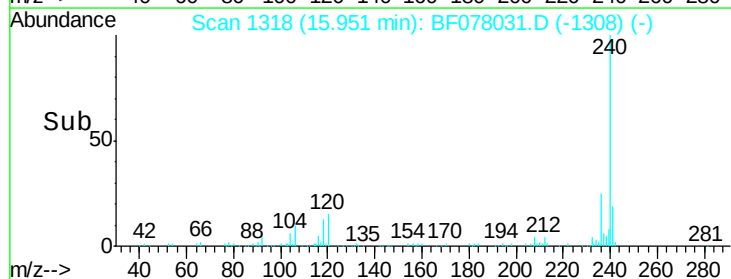
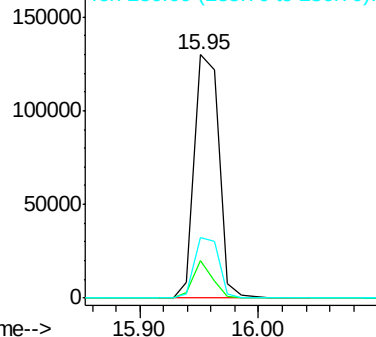


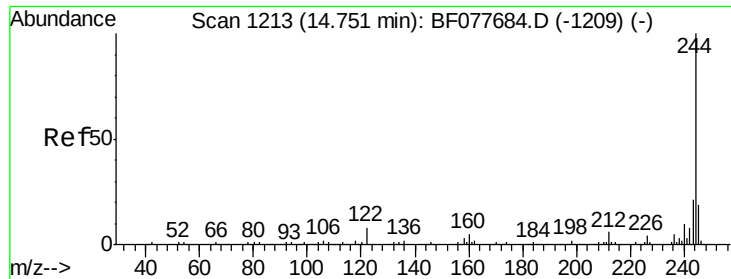
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF078031.D
Acq: 27 Mar 2015 9:49

Tgt Ion:240 Resp: 185757
Ion Ratio Lower Upper
240 100
120 15.4 8.2 12.2#
236 24.7 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: 76.17 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.09 min

Lab File: BF078031.D

Acq: 27 Mar 2015 9:49

Instrument :

BNA_F

ClientSampleId :

MW-36

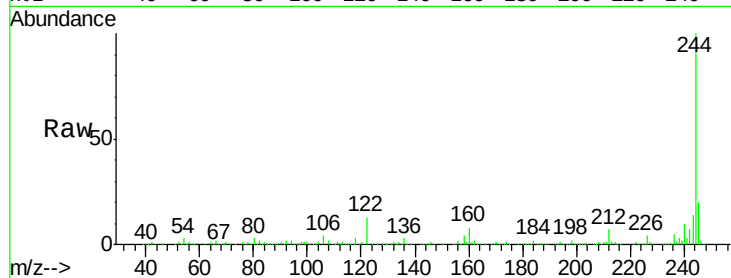
Tgt Ion:244 Resp: 579249

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

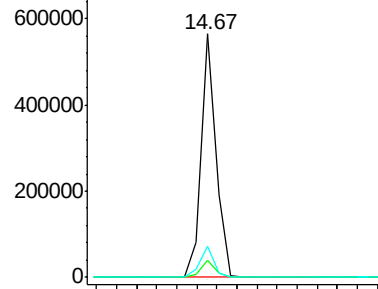
122 12.9 6.2 9.4#



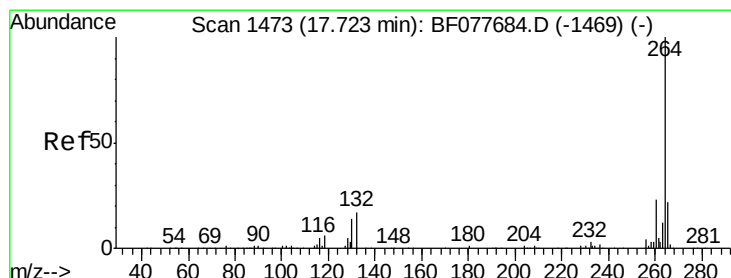
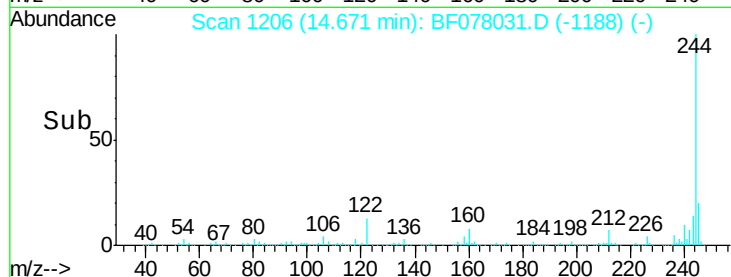
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.70 min Scan# 1471

Delta R.T. -0.40 min

Lab File: BF078031.D

Acq: 27 Mar 2015 9:49

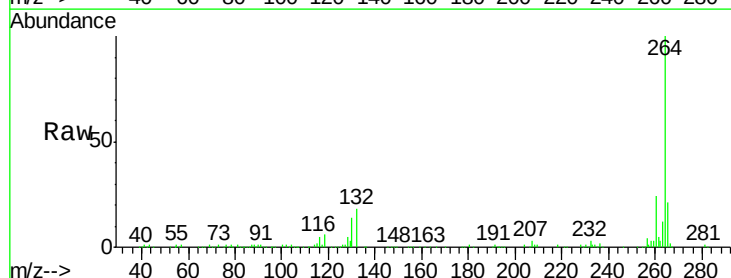
Tgt Ion:264 Resp: 179059

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

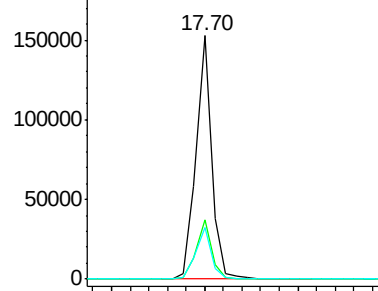
265 21.0 17.3 25.9



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



Time-->

