

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078984.D
 Acq On : 7 May 2015 7:37
 Operator : TP/IZ
 Sample : G2046-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Quant Time: May 07 08:37:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 07:34:36 2015
 Response via : Initial Calibration

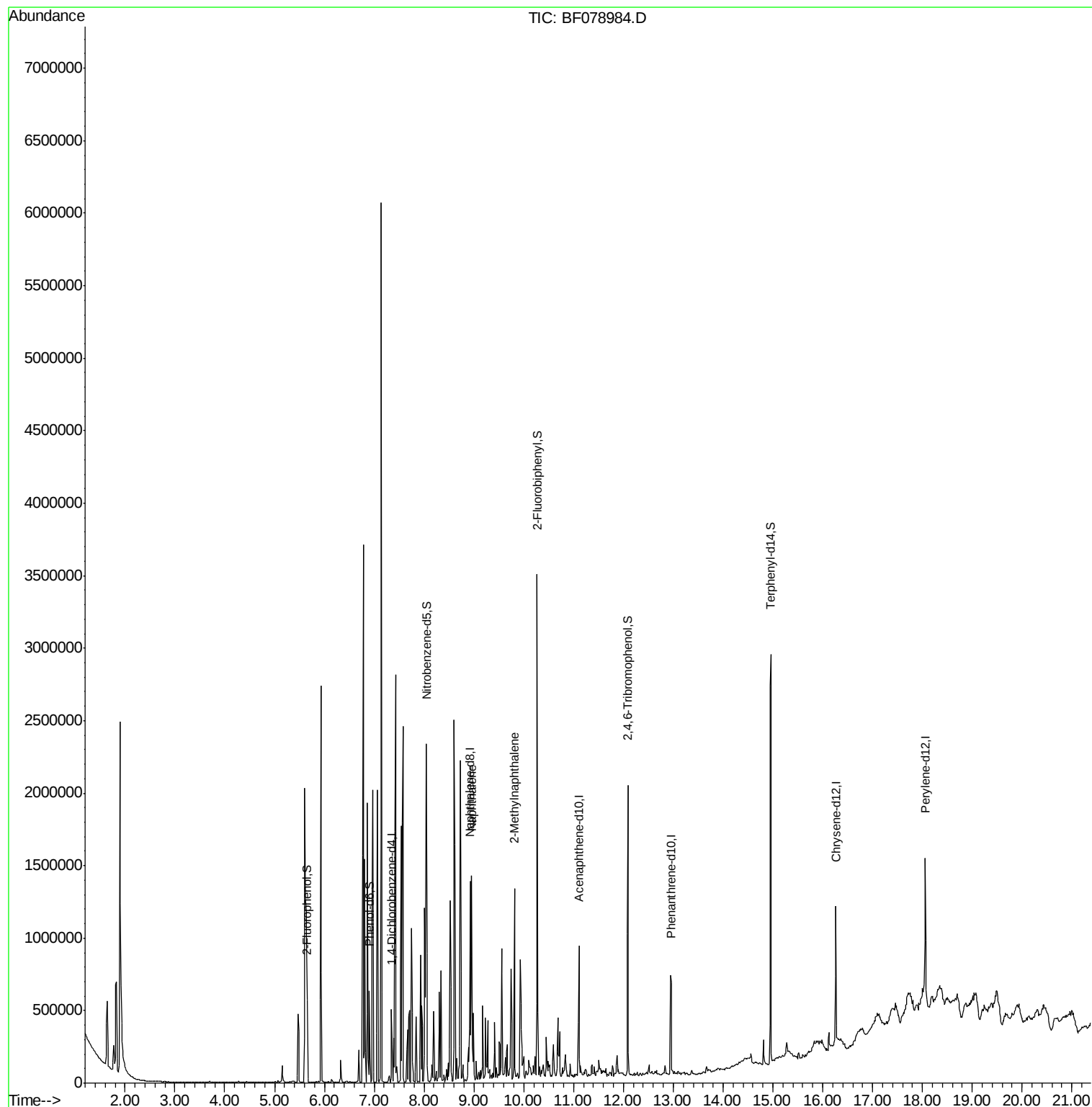
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	88839	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	373871	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	183980	20.00	ng	0.00
63) Phenanthrene-d10	12.96	188	363916	20.00	ng	0.01
75) Chrysene-d12	16.26	240	405389	20.00	ng	0.01
86) Perylene-d12	18.06	264	415849	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	264033	51.16	ng	0.01
7) Phenol-d6	6.90	99	217300	31.85	ng	0.00
23) Nitrobenzene-d5	8.04	82	526055	80.87	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	284681	143.03	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	1026582	77.74	ng	0.00
78) Terphenyl-d14	14.96	244	1372464	81.05	ng	0.01
Target Compounds						
31) Naphthalene	8.96	128	651222	36.56	ng	99
37) 2-Methylnaphthalene	9.82	142	374575	30.34	ng	98

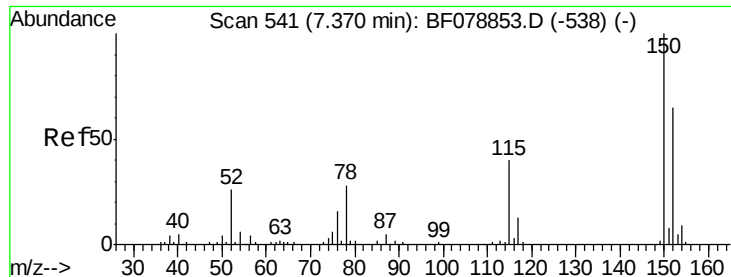
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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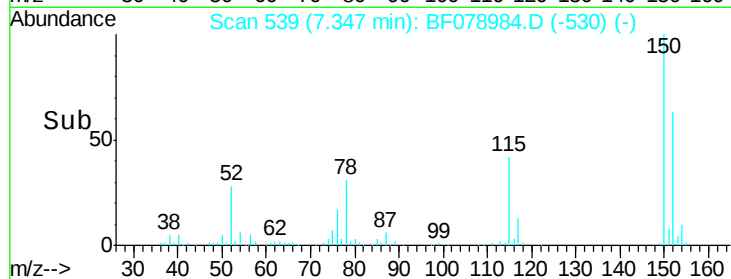
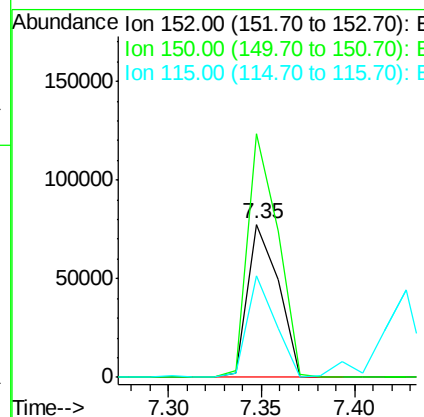
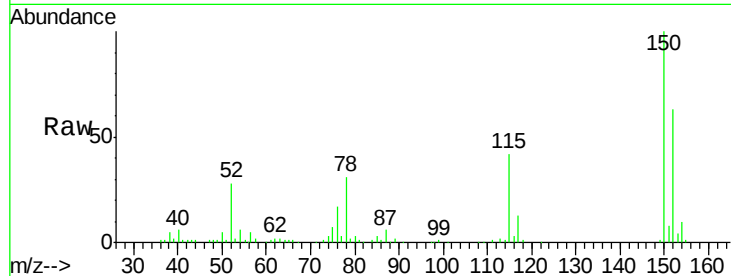


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF078984.D
Acq: 7 May 2015 7:37

Instrument :
BNA_F
ClientSampleId :
W-14

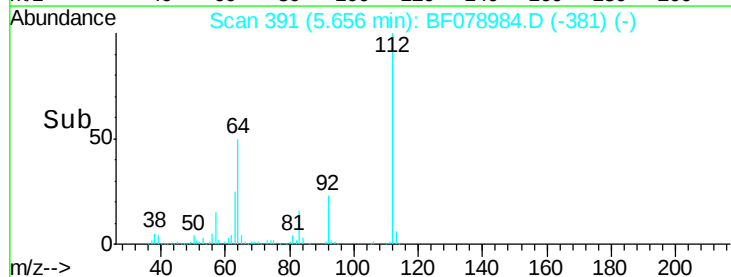
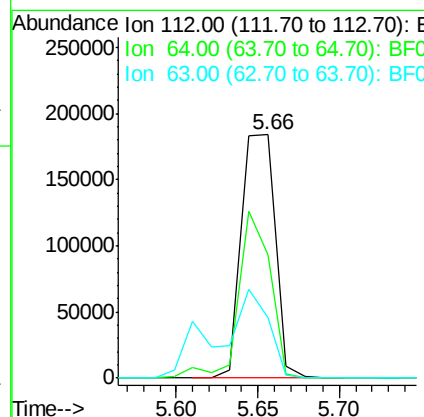
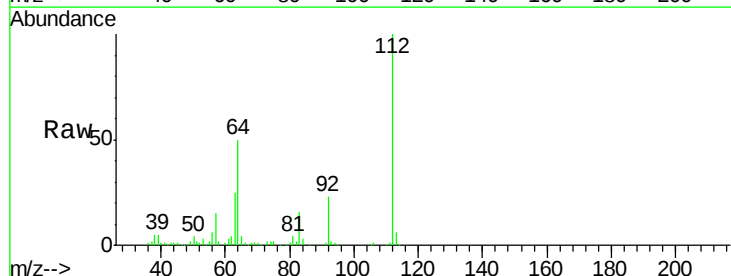
Tot Ion:152 Resp: 88839
Ion Ratio Lower Upper
152 100
150 159.3 122.0 183.0
115 66.2 46.3 69.5

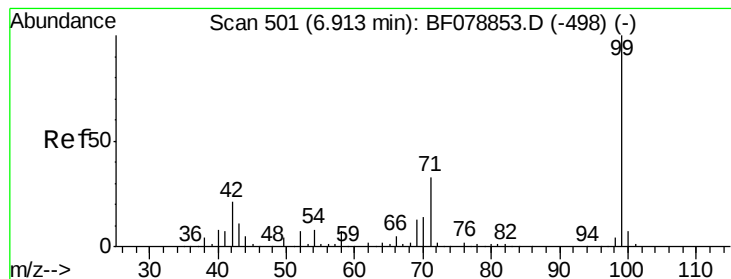


#5

2-Fluorophenol
Concen: 51.16 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078984.D
Acq: 7 May 2015 7:37

Tgt Ion:112 Resp: 264033
Ion Ratio Lower Upper
112 100
64 50.4 53.5 80.3#
63 24.7 27.5 41.3#





#7

Phenol-d6

Concen: 31.85 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078984.D

Acq: 7 May 2015 7:37

Instrument :

BNA_F

ClientSampleId :

W-14

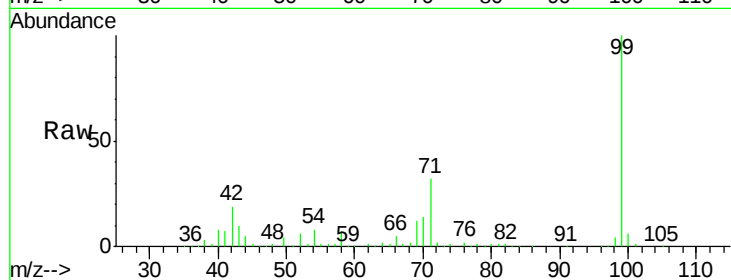
Tot Ion: 99 Resp: 217300

Ion Ratio Lower Upper

99 100

42 19.1 12.8 19.2

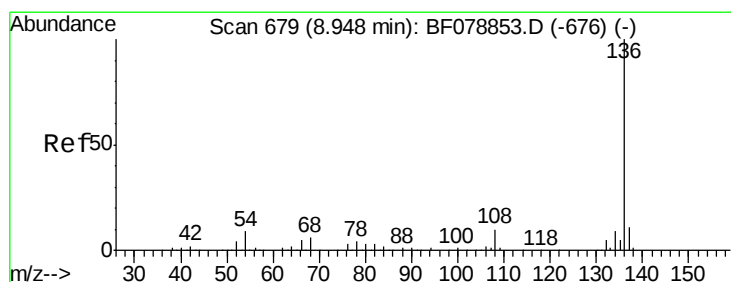
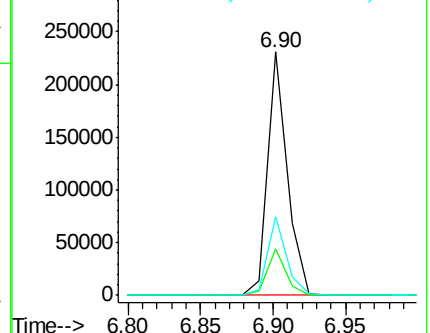
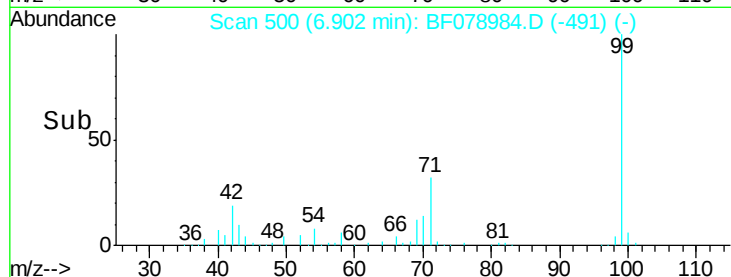
71 32.1 23.4 35.2



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: 8.92 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078984.D

Acq: 7 May 2015 7:37

Tgt Ion: 136 Resp: 373871

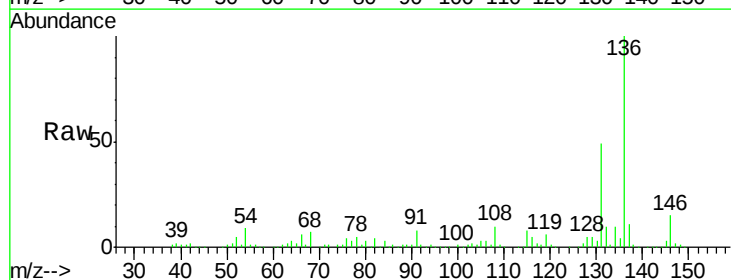
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.3 5.8 8.8#

68 7.0 4.2 6.4#

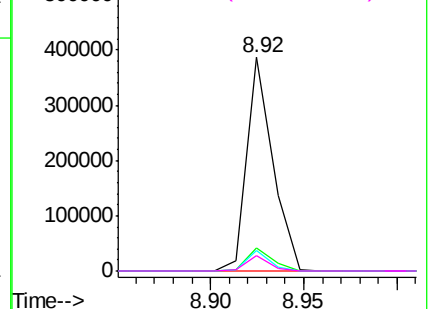
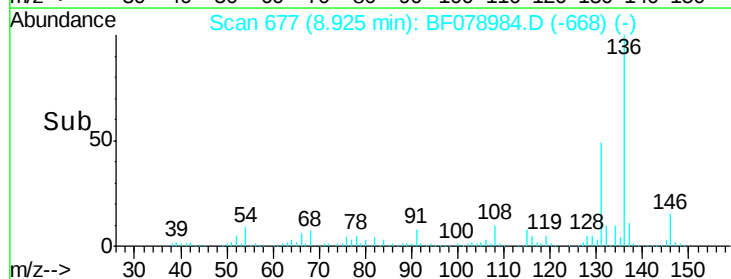


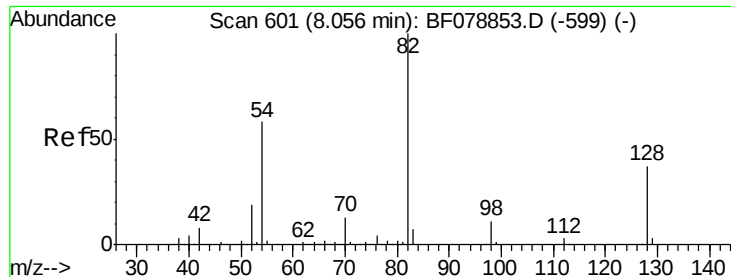
Abundance Ion 136.00 (135.70 to 136.70): E

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

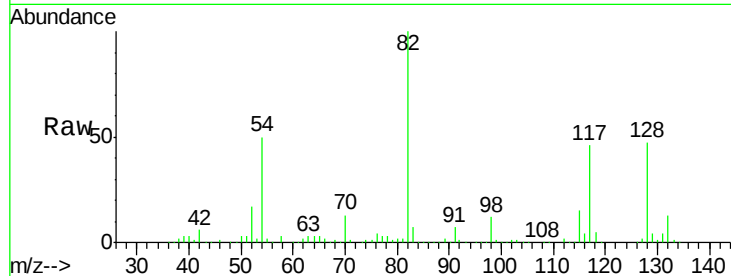




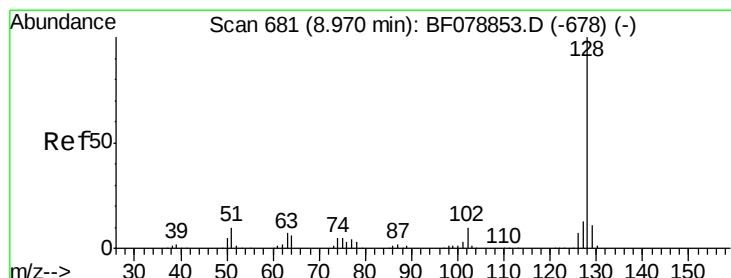
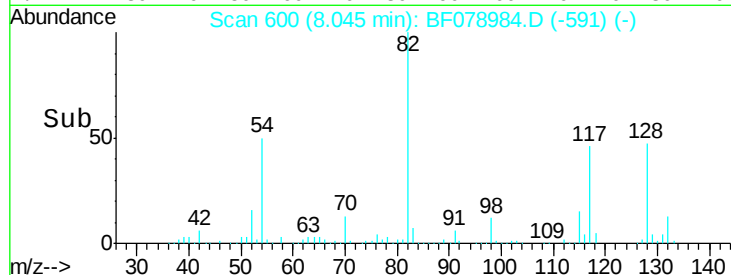
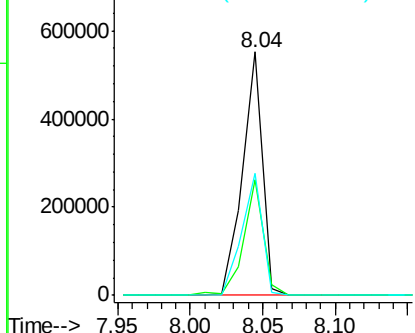
#23
Nitrobenzene-d5
Concen: 80.87 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF078984.D
Acq: 7 May 2015 7:37

Instrument :
BNA_F
ClientSampleId :
W-14

Tot Ion: 82 Resp: 526055
Ion Ratio Lower Upper
82 100
128 47.5 30.0 45.0#
54 50.1 46.4 69.6

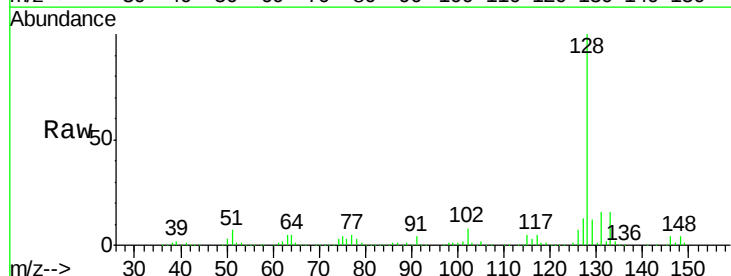


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

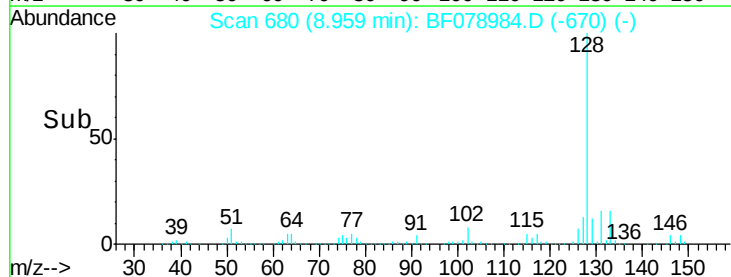
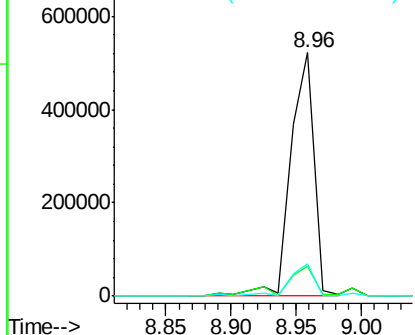


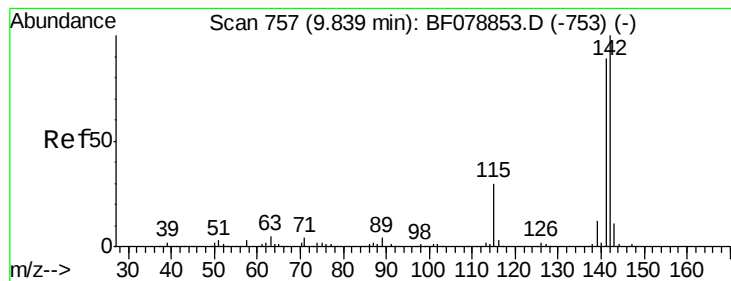
#31
Naphthalene
Concen: 36.56 ng
RT: 8.96 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF078984.D
Acq: 7 May 2015 7:37

Tgt Ion:128 Resp: 651222
Ion Ratio Lower Upper
128 100
129 12.4 9.3 13.9
127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

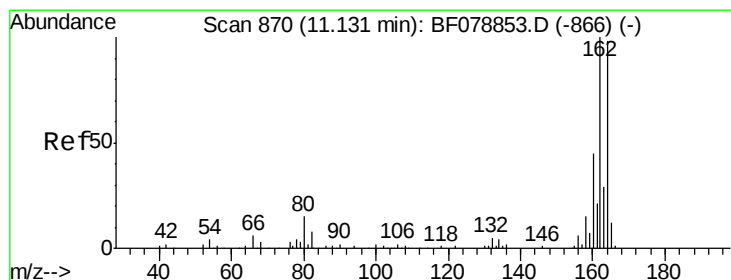
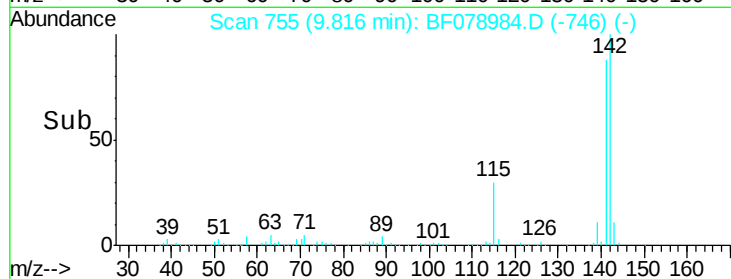
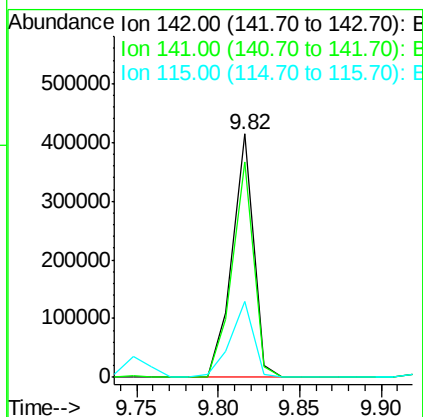
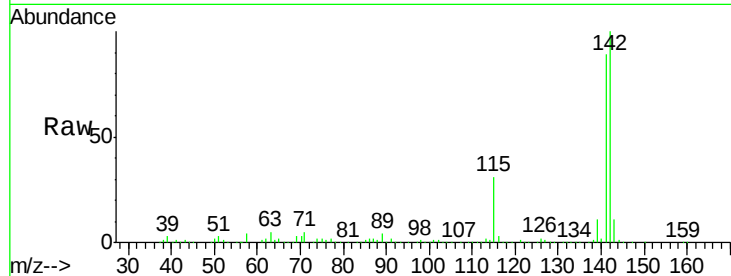




#37
2-Methylnaphthalene
Concen: 30.34 ng
RT: 9.82 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF078984.D
Acq: 7 May 2015 7:37

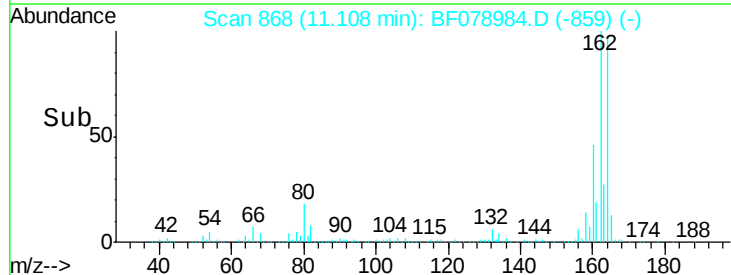
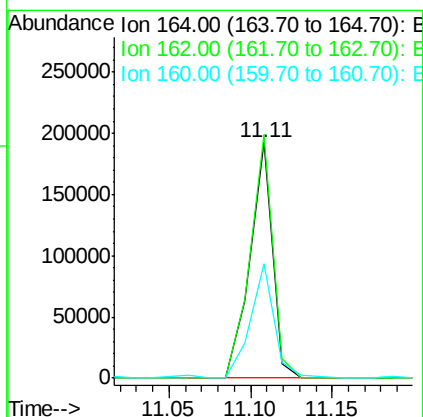
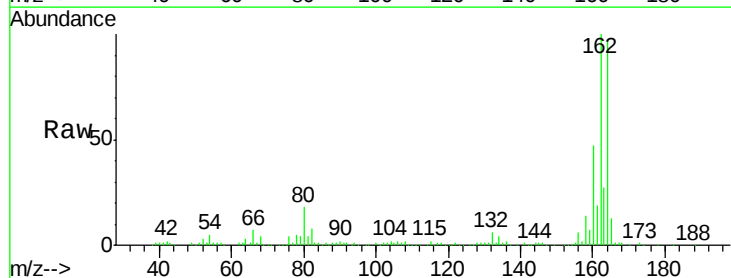
Instrument :
BNA_F
ClientSampled :
W-14

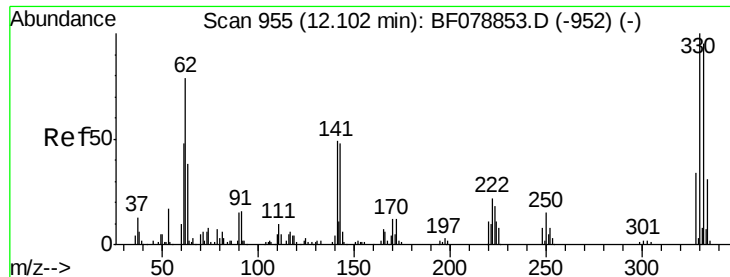
Tot Ion:142 Resp: 374575
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3
115 31.3 28.5 42.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF078984.D
Acq: 7 May 2015 7:37

Tgt Ion:164 Resp: 183980
Ion Ratio Lower Upper
164 100
162 103.3 82.7 124.1
160 48.5 35.8 53.8

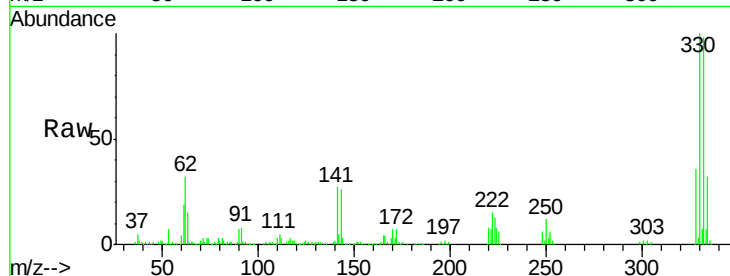




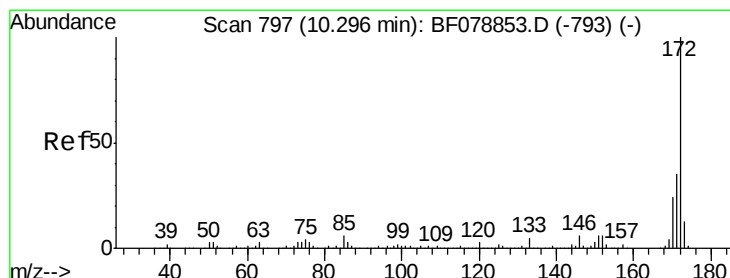
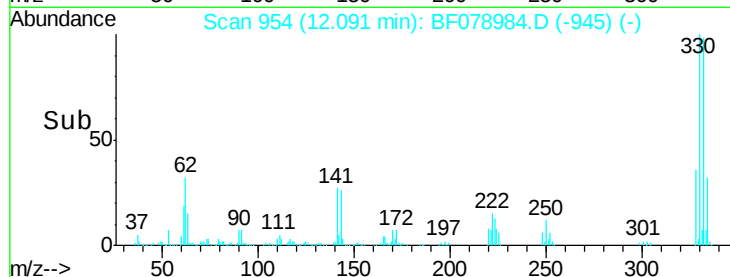
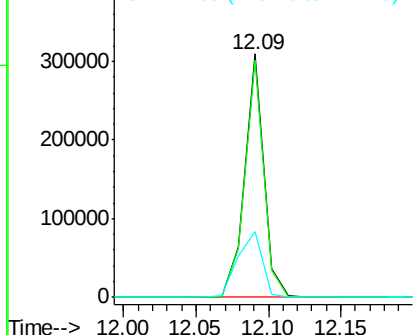
#41
 2,4,6-Tribromophenol
 Concen: 143.03 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078984.D
 Acq: 7 May 2015 7:37

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	33.9	0.0	0.0#

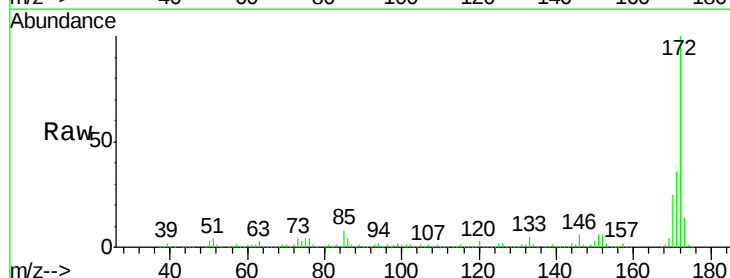


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

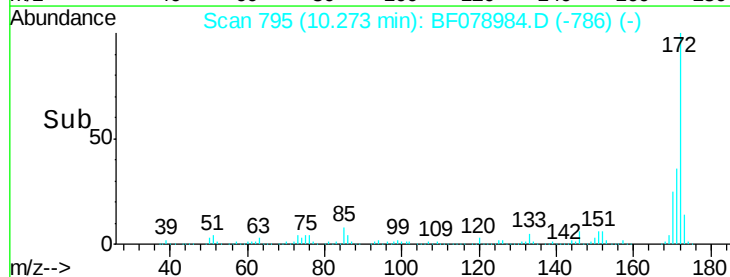
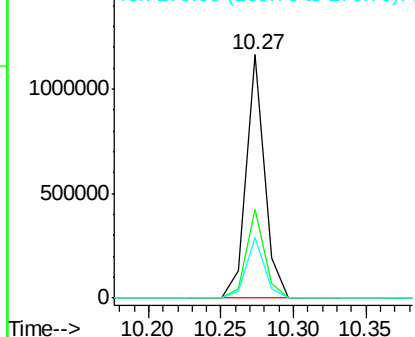


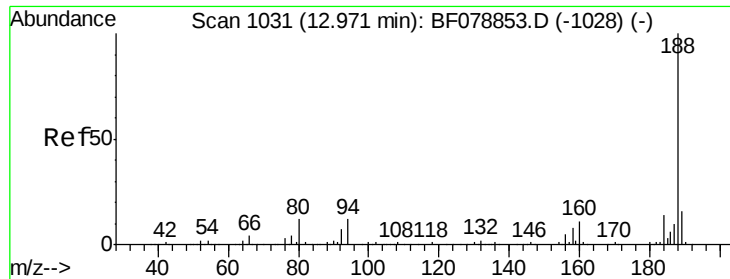
#44
 2-Fluorobiphenyl
 Concen: 77.74 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF078984.D
 Acq: 7 May 2015 7:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.9	41.9
170	24.8	19.4	29.0



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: 12.96 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF078984.D

Acq: 7 May 2015 7:37

Instrument :

BNA_F

ClientSampleId :

W-14

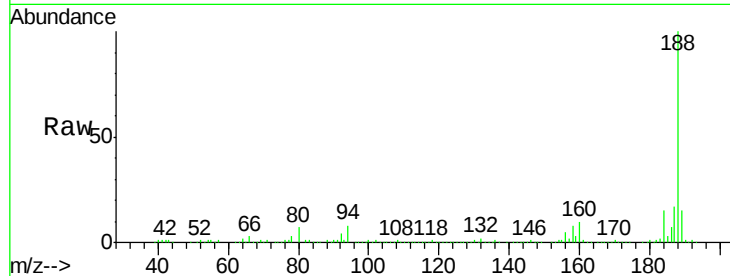
Tot Ion:188 Resp: 363916

Ion Ratio Lower Upper

188 100

94 7.8 8.2 12.2#

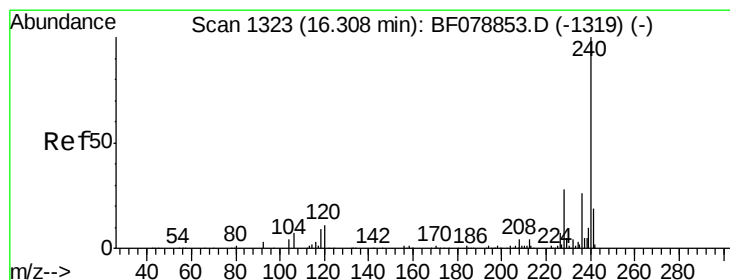
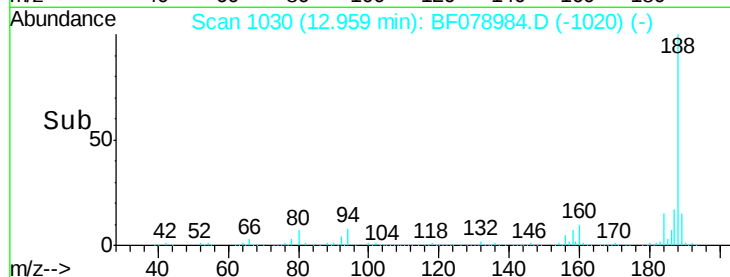
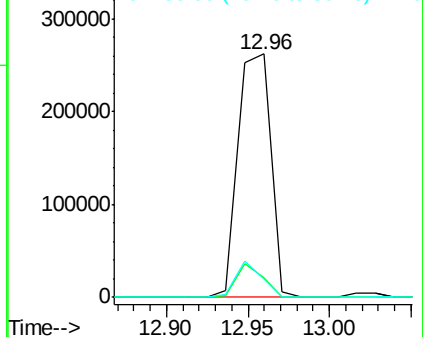
80 7.5 8.9 13.3#



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: 16.26 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF078984.D

Acq: 7 May 2015 7:37

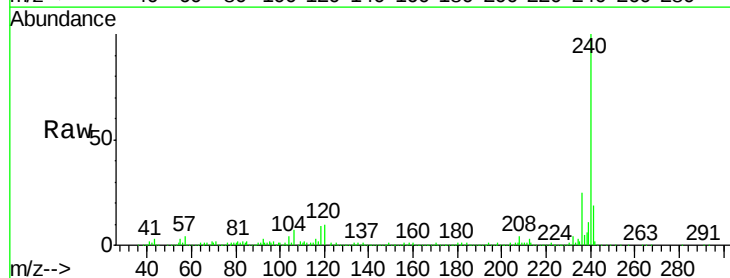
Tgt Ion:240 Resp: 405389

Ion Ratio Lower Upper

240 100

120 10.3 9.7 14.5

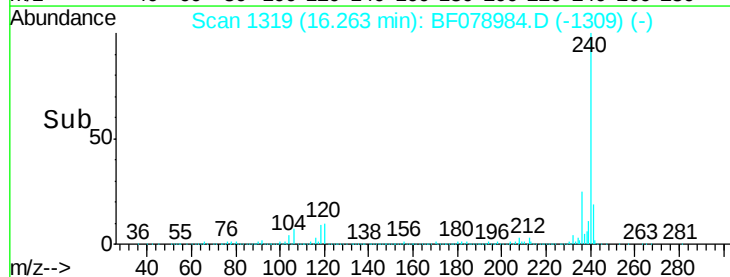
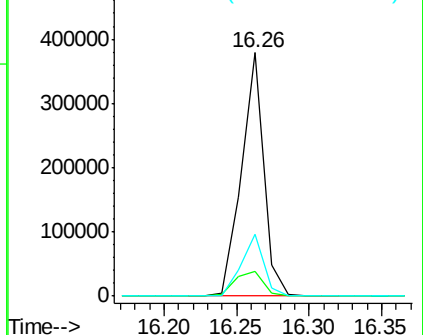
236 25.5 20.2 30.4

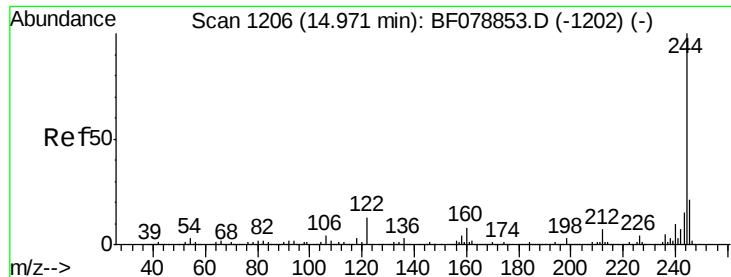


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.05 ng

RT: 14.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF078984.D

Acq: 7 May 2015 7:37

Instrument :

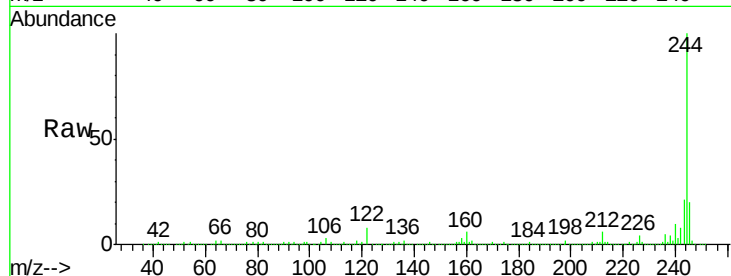
BNA_F

ClientSampleId :

W-14

Tot Ion:244 Resp: 1372464

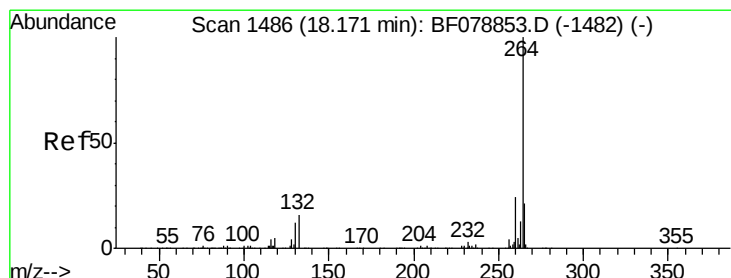
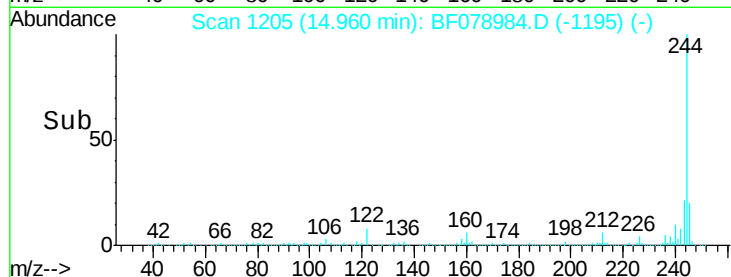
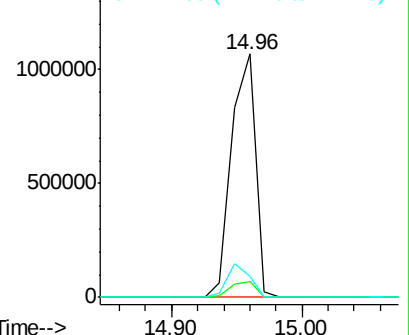
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	8.4	10.3	15.5



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: 18.06 min Scan# 1476

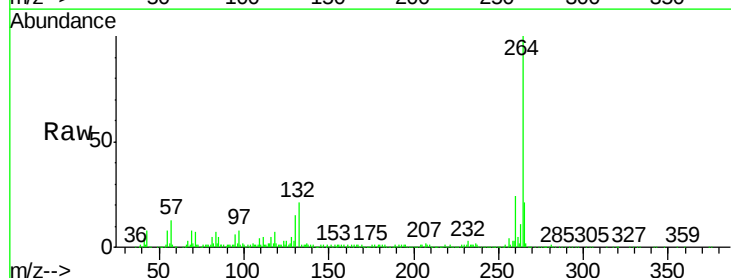
Delta R.T. 0.09 min

Lab File: BF078984.D

Acq: 7 May 2015 7:37

Tgt Ion:264 Resp: 415849

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.2	18.3	27.5



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

