

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083203.D
 Acq On : 23 Nov 2015 14:37
 Operator : UM/IZ
 Sample : G4437-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Quant Time: Nov 24 04:30:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

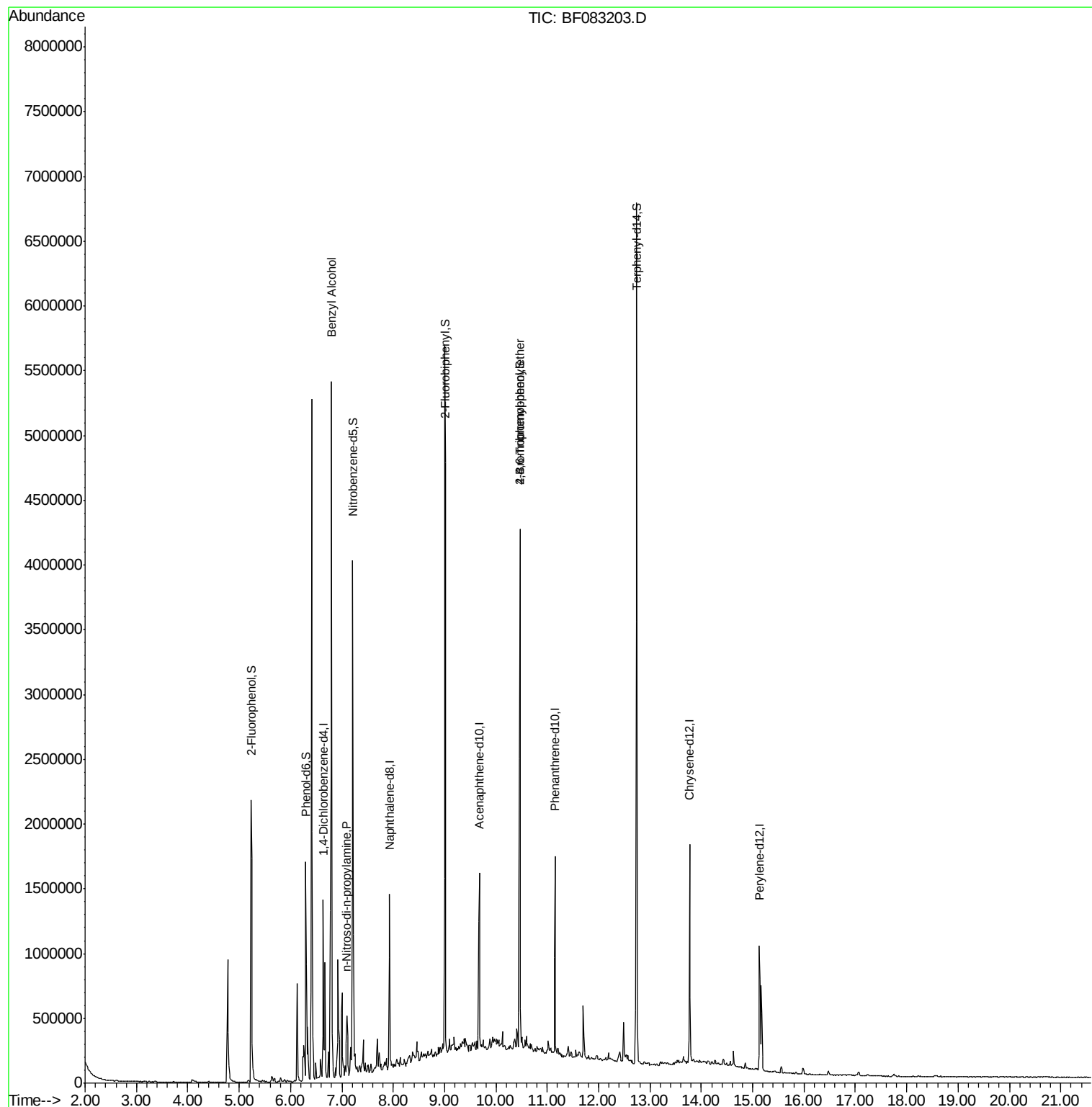
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	200118	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	722119	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	353930	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	656090	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	586893	20.00	ng	-0.03
86) Perylene-d12	15.13	264	485761	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	856222	64.69	ng	-0.05
7) Phenol-d6	6.30	99	701701	40.97	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1591169	100.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	522198	144.22	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2626626	103.49	ng	-0.01
78) Terphenyl-d14	12.74	244	2326897	93.36	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.30	77	1856	Below Cal	#	4
15) Benzyl Alcohol	6.80	79	31484	2.20 ng	#	42
19) n-Nitroso-di-n-propylamine	7.10	70	31788	2.67 ng	#	49
66) 4-Bromophenyl-phenylether	10.47	248	38486	5.29 ng	#	1

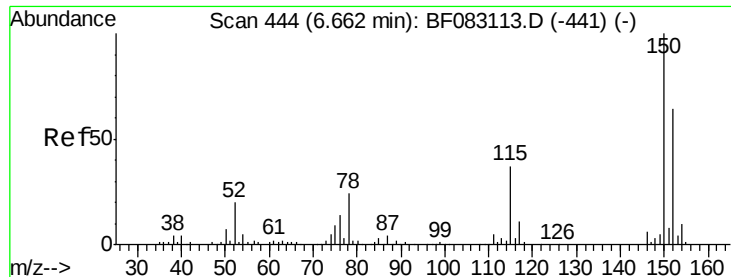
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 04:30:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration



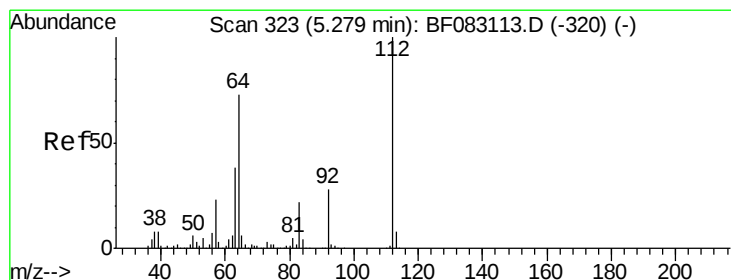
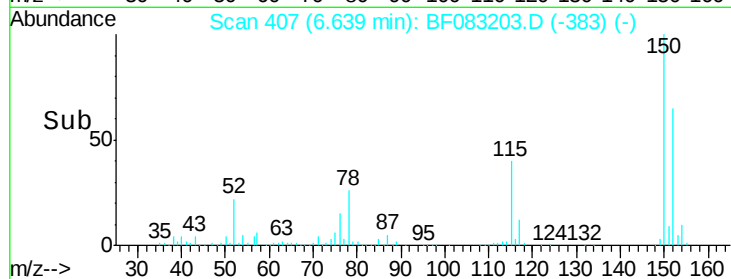
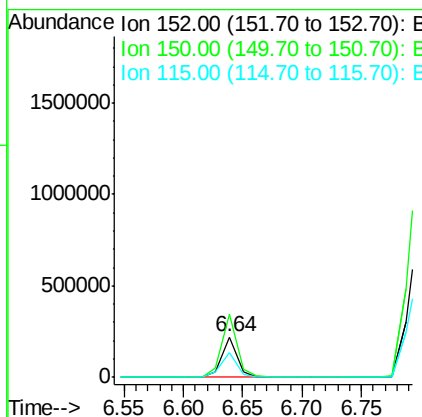
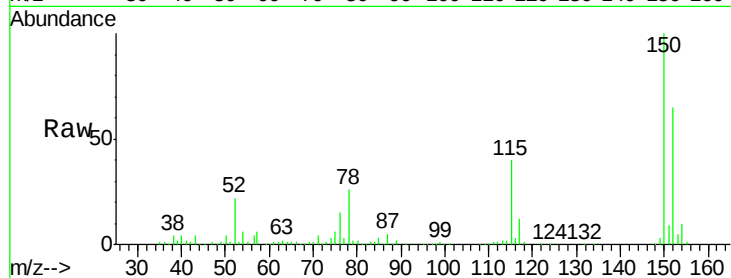


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083203.D
Acq: 23 Nov 2015 14:37

Instrument :
BNA_F
ClientSampleId :
MW-30

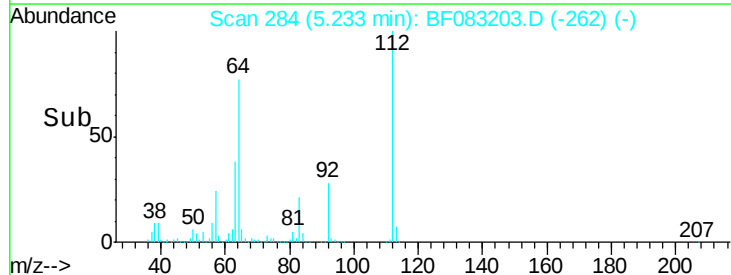
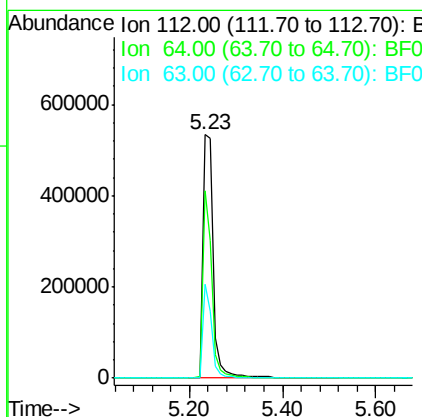
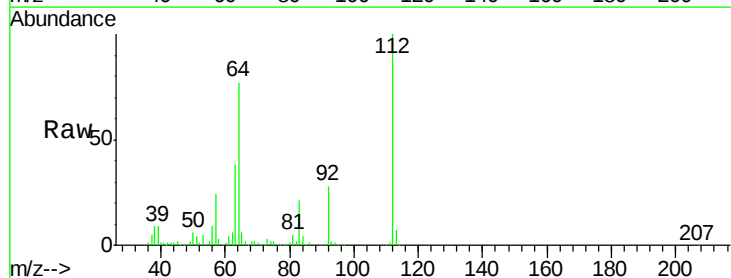
Tgt Ion:152 Resp: 200118
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.8
115 62.3 46.9 70.3

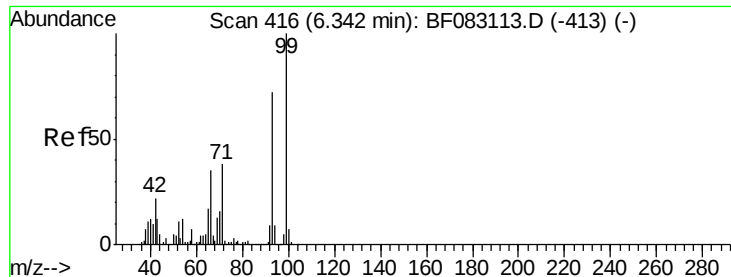


#5

2-Fluorophenol
Concen: 64.69 ng
RT: 5.23 min Scan# 284
Delta R.T. -0.05 min
Lab File: BF083203.D
Acq: 23 Nov 2015 14:37

Tgt Ion:112 Resp: 856222
Ion Ratio Lower Upper
112 100
64 76.7 58.4 87.6
63 38.5 30.0 45.0





#7

Phenol-d6

Concen: 40.97 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF083203.D

Acq: 23 Nov 2015 14:37

Instrument :

BNA_F

ClientSampleId :

MW-30

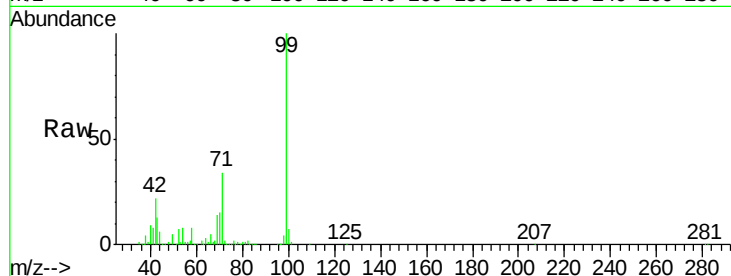
Tgt Ion: 99 Resp: 701701

Ion Ratio Lower Upper

99 100

42 22.4 17.7 26.5

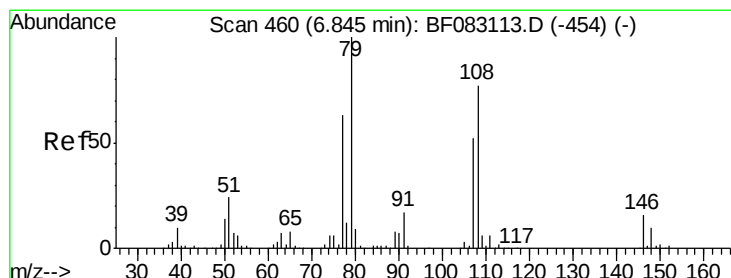
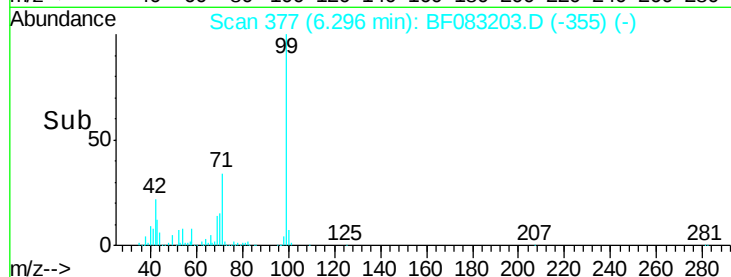
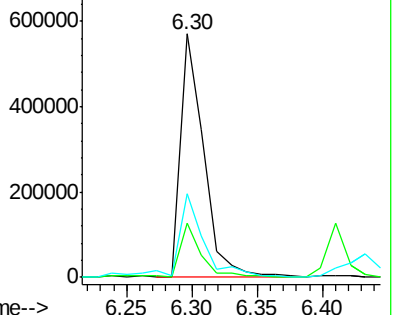
71 34.3 30.2 45.4



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



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 6.80 min Scan# 421

Delta R.T. -0.05 min

Lab File: BF083203.D

Acq: 23 Nov 2015 14:37

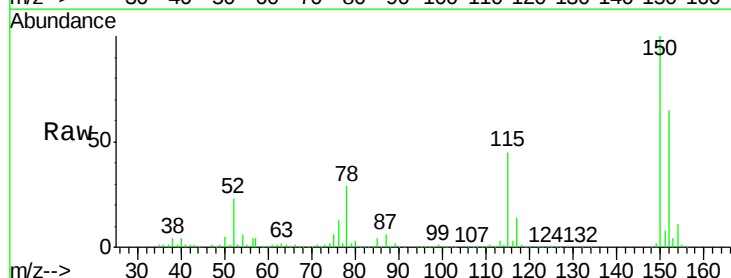
Tgt Ion: 79 Resp: 31484

Ion Ratio Lower Upper

79 100

108 24.4 61.4 92.2#

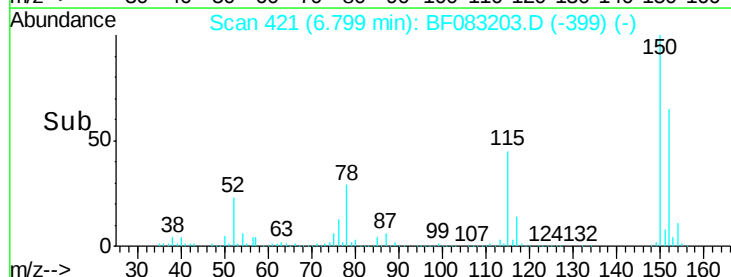
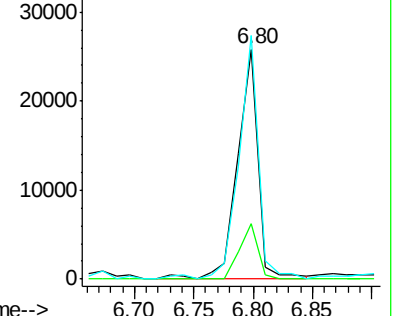
77 106.0 50.5 75.7#

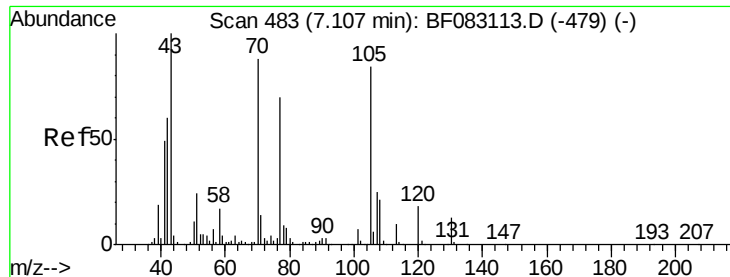


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

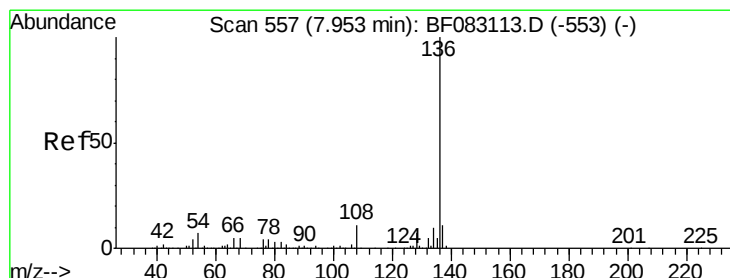
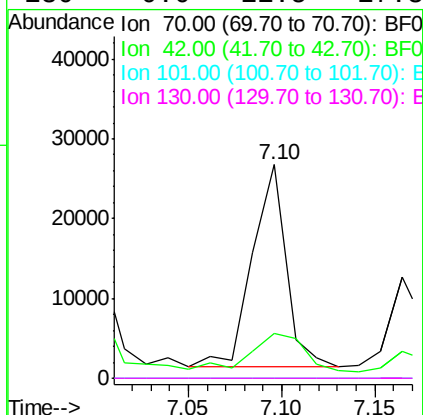
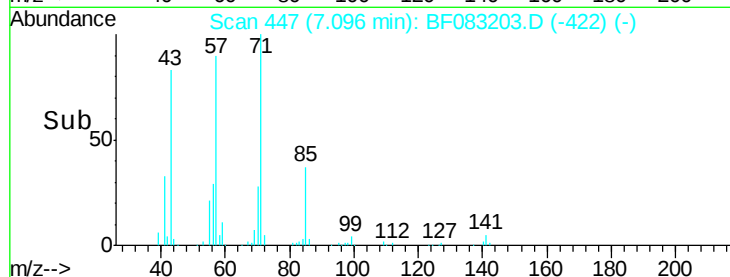
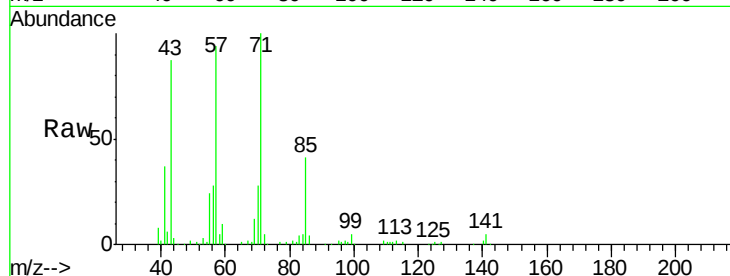




#19
n-Nitroso-di-n-propylamine
Concen: 2.67 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF083203.D
Acq: 23 Nov 2015 14:37

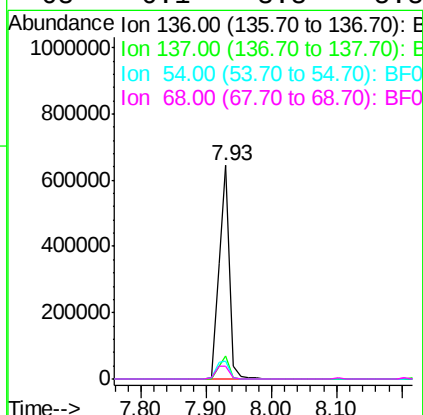
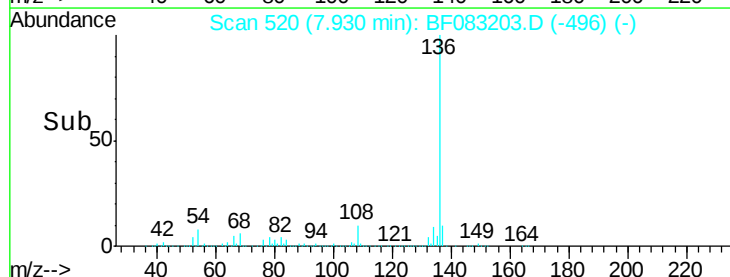
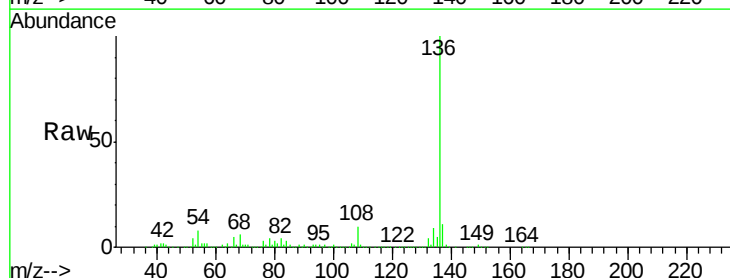
Instrument :
BNA_F
ClientSampleId :
MW-30

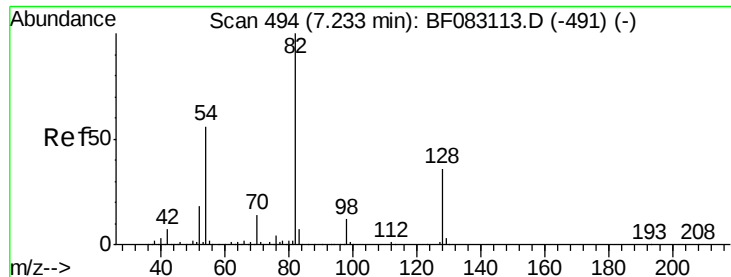
Tgt Ion: 70 Resp: 31788
Ion Ratio Lower Upper
70 100
42 21.0 54.5 81.7#
101 0.0 6.6 9.8#
130 0.0 11.5 17.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF083203.D
Acq: 23 Nov 2015 14:37

Tgt Ion: 136 Resp: 722119
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 8.3 5.8 8.6
68 6.1 3.8 5.8#

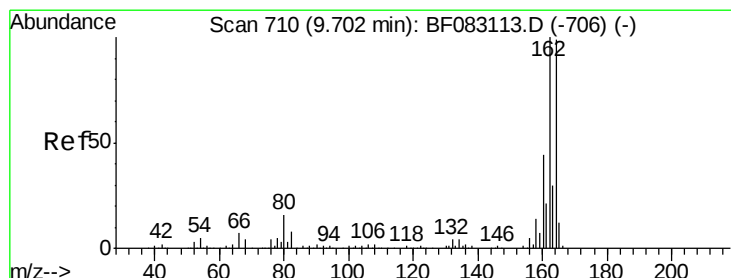
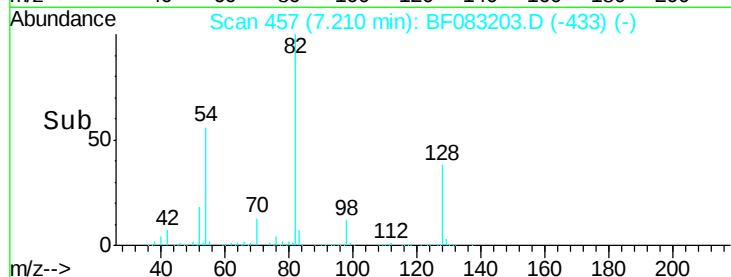
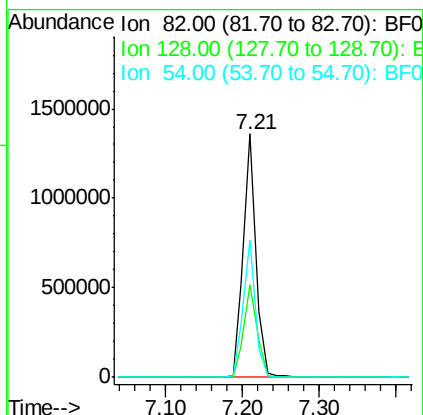
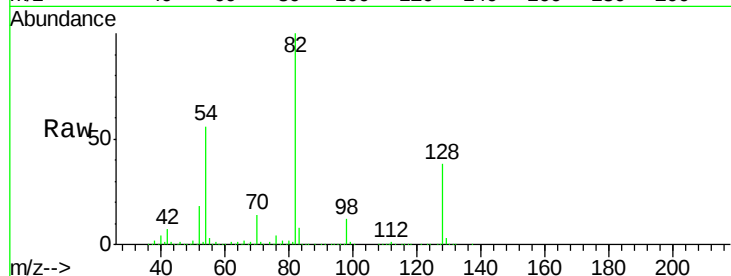




#23
 Nitrobenzene-d5
 Concen: 100.69 ng
 RT: 7.21 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF083203.D
 Acq: 23 Nov 2015 14:37

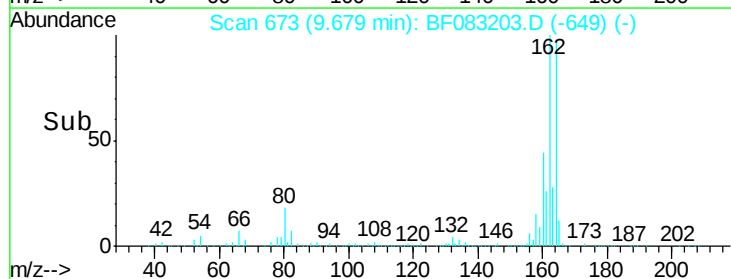
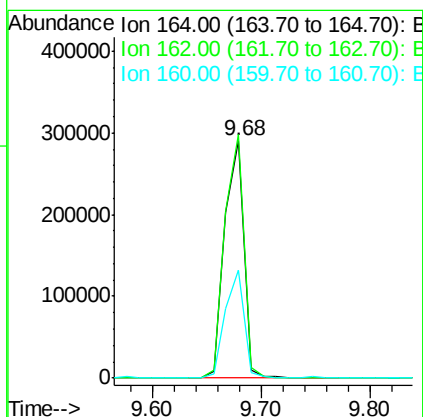
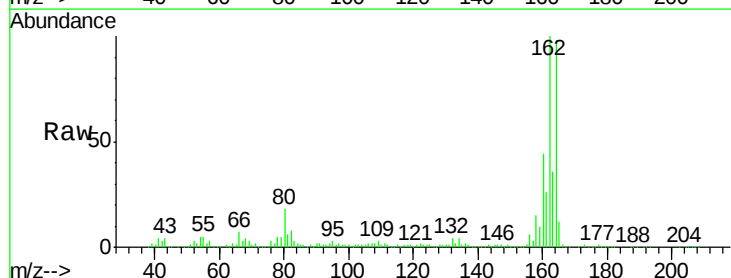
Instrument :
 BNA_F
 ClientSampleId :
 MW-30

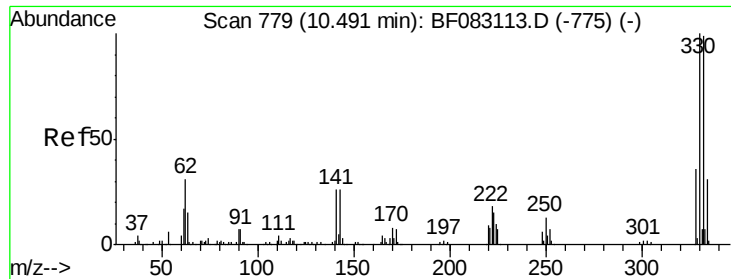
Tgt Ion: 82 Resp: 1591169
 Ion Ratio Lower Upper
 82 100
 128 38.0 28.5 42.7
 54 56.2 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF083203.D
 Acq: 23 Nov 2015 14:37

Tgt Ion: 164 Resp: 353930
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.2 121.8
 160 45.3 35.6 53.4

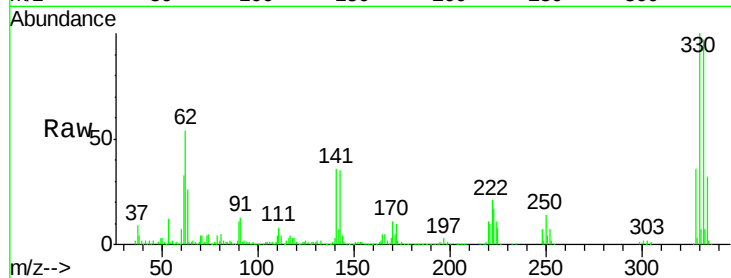




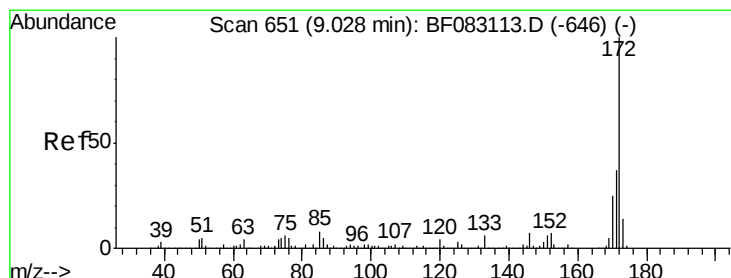
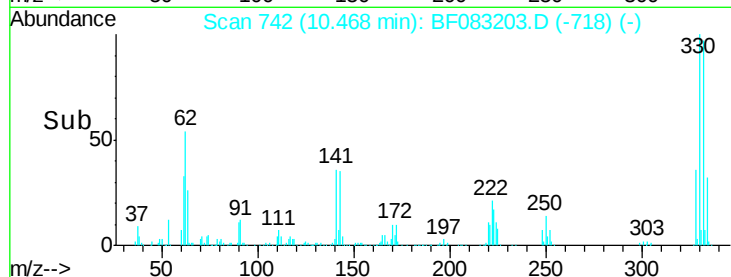
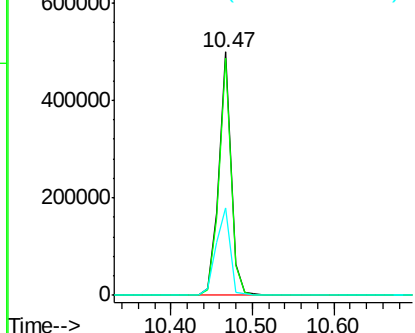
#41
 2,4,6-Tribromophenol
 Concen: 144.22 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083203.D
 Acq: 23 Nov 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Tgt Ion:330 Resp: 522198
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.7 116.5
 141 40.7 29.7 44.5

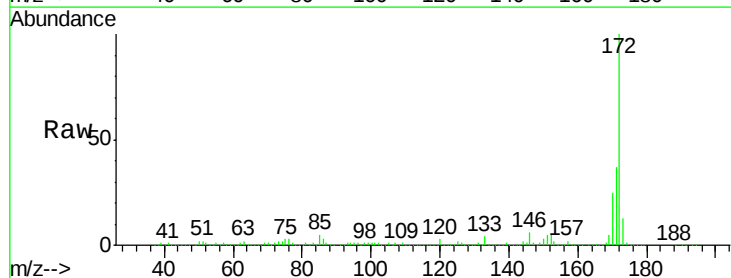


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

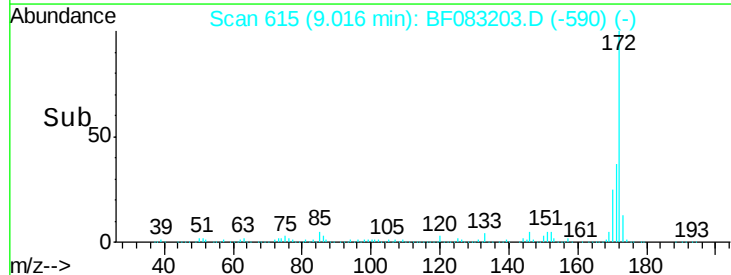
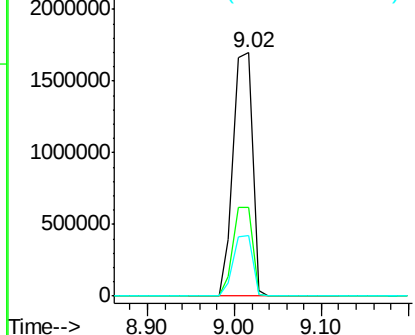


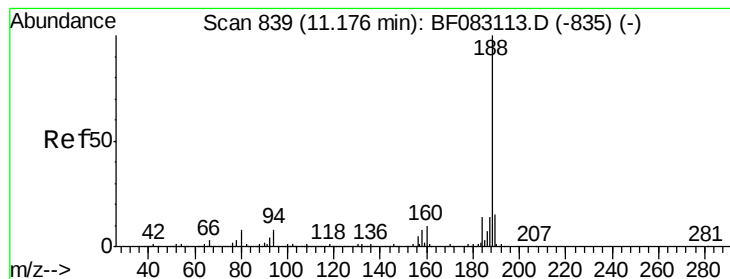
#44
 2-Fluorobiphenyl
 Concen: 103.49 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083203.D
 Acq: 23 Nov 2015 14:37

Tgt Ion:172 Resp: 2626626
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.5 44.3
 170 24.9 19.9 29.9



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: 11.15 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF083203.D

Acq: 23 Nov 2015 14:37

Instrument :

BNA_F

ClientSampleId :

MW-30

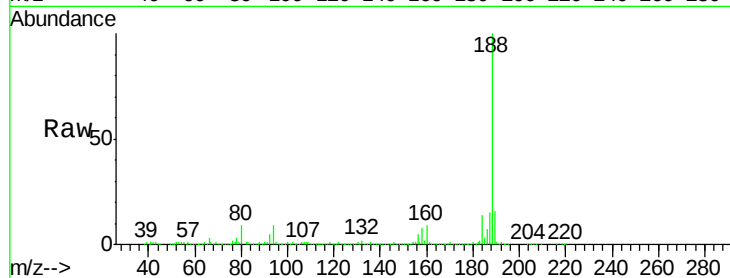
Tgt Ion:188 Resp: 656090

Ion Ratio Lower Upper

188 100

94 8.7 6.0 9.0

80 9.2 6.7 10.1

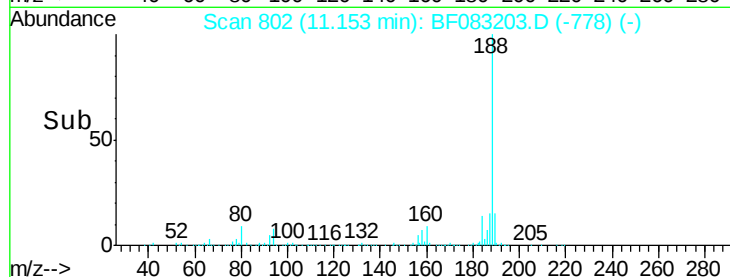


Abundance Ion 188.00 (187.70 to 188.70): E

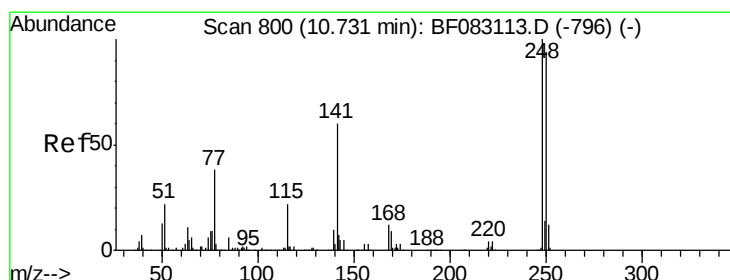
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#66

4-Bromophenyl-phenylether

Concen: 5.29 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.26 min

Lab File: BF083203.D

Acq: 23 Nov 2015 14:37

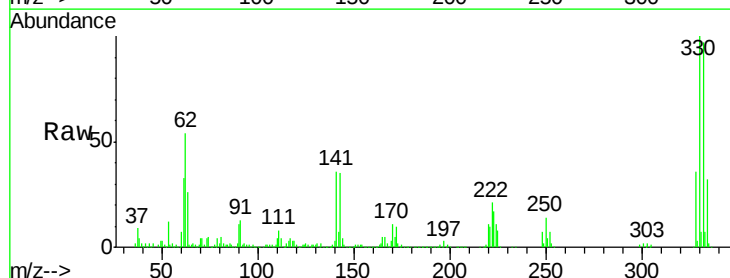
Tgt Ion:248 Resp: 38486

Ion Ratio Lower Upper

248 100

250 192.9 75.4 113.2#

141 482.2 48.1 72.1#

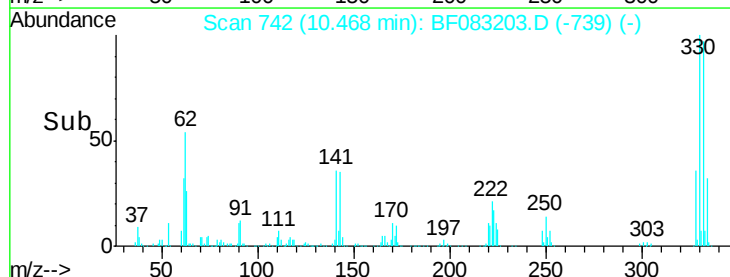


Abundance Ion 248.00 (247.70 to 248.70): E

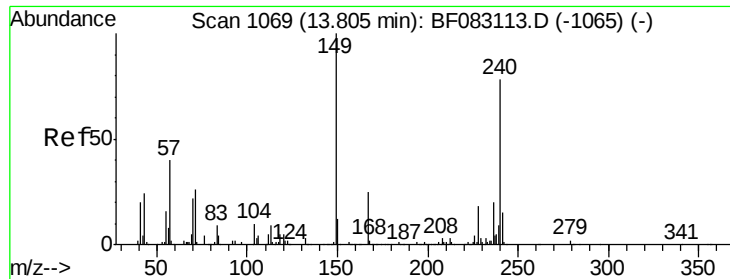
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1031

Delta R.T. -0.03 min

Lab File: BF083203.D

Acq: 23 Nov 2015 14:37

Instrument :

BNA_F

ClientSampleId :

MW-30

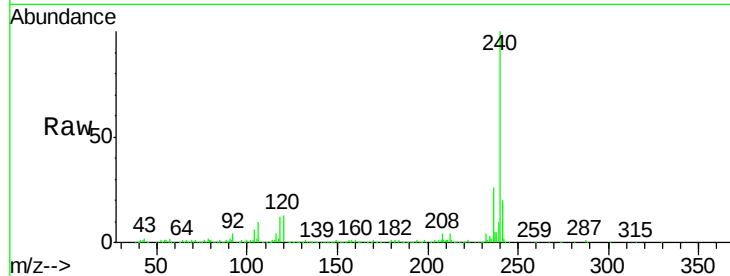
Tgt Ion:240 Resp: 586893

Ion Ratio Lower Upper

240 100

120 13.2 5.4 8.2#

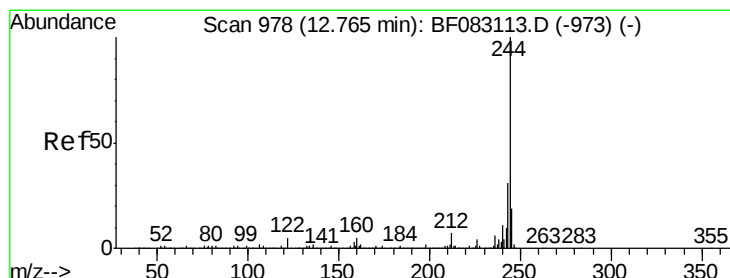
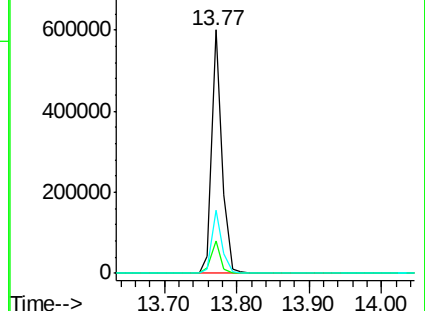
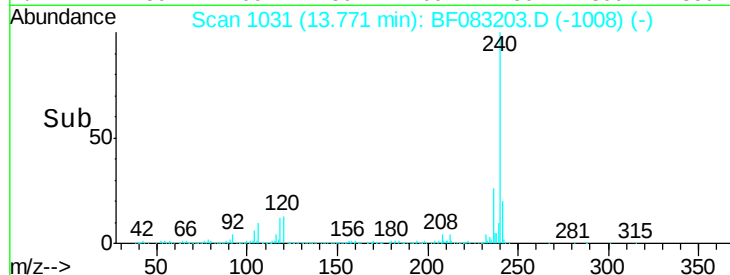
236 25.9 20.6 31.0



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: 93.36 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083203.D

Acq: 23 Nov 2015 14:37

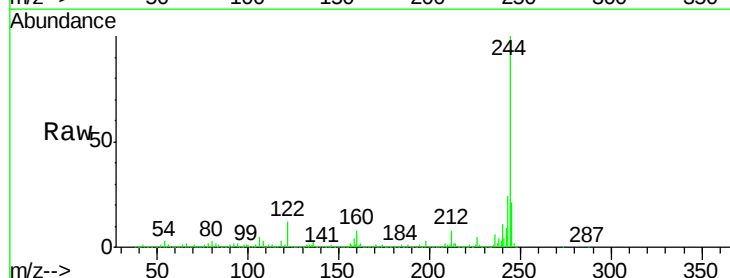
Tgt Ion:244 Resp: 2326897

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

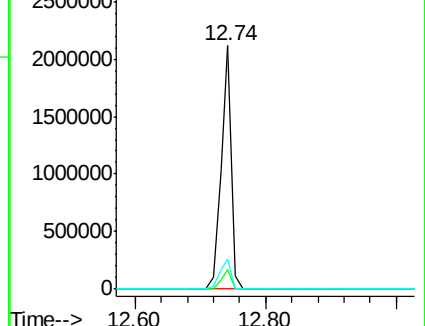
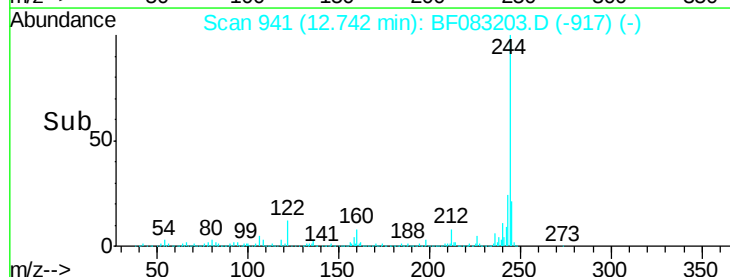
122 12.5 4.3 6.5#

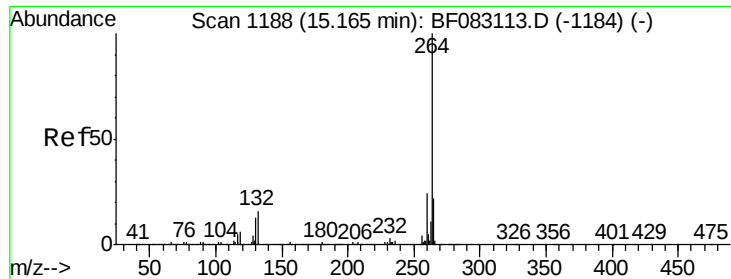


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.13 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF083203.D
Acq: 23 Nov 2015 14:37

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	22.2	18.2	27.4

