

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
 Data File : BF081706.D
 Acq On : 18 Sep 2015 20:32
 Operator : UM/IZ
 Sample : G3704-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12-9-15-15

Quant Time: Sep 18 23:02:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

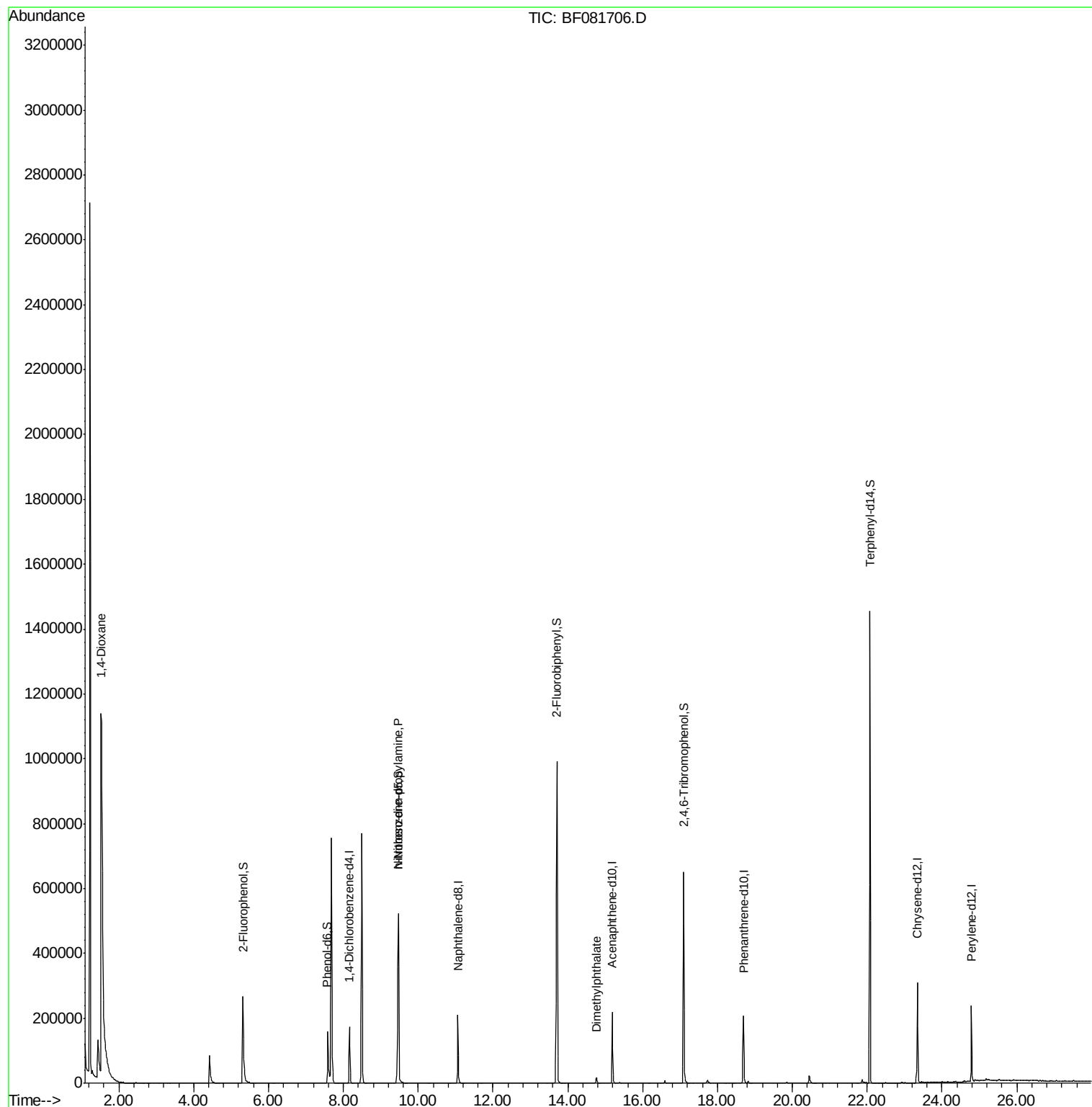
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43761	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	174198	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	81651	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	169600	20.00	ng	-0.06
75) Chrysene-d12	23.34	240	139191	20.00	ng	-0.04
86) Perylene-d12	24.78	264	99397	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	151332	53.65	ng	-0.03
7) Phenol-d6	7.58	99	123142	32.98	ng	-0.07
23) Nitrobenzene-d5	9.46	82	380715	105.44	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	118556	163.07	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	663677	104.16	ng	-0.07
78) Terphenyl-d14	22.07	244	595409	99.58	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	1.53	88	79186	62.51	ng	# 11
19) n-Nitroso-di-n-propylamine	9.46	70	49191	19.36	ng	# 66
49) Dimethylphthalate	14.77	163	17656	2.78	ng	# 93

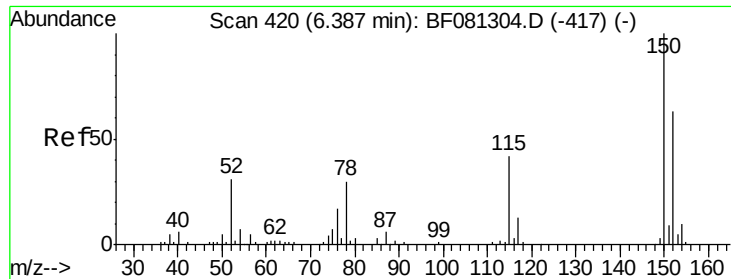
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF081706.D

Acq: 18 Sep 2015 20:32

Instrument :

BNA_F

ClientSampleId :

MW-12-9-15-15

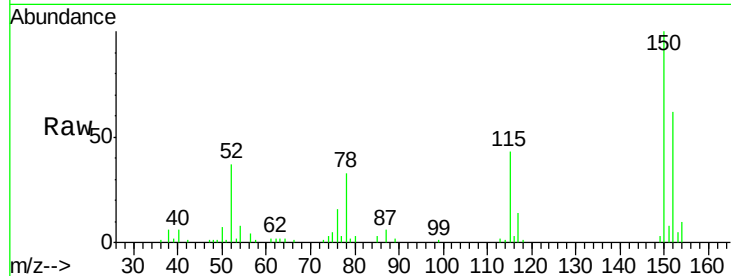
Tgt Ion:152 Resp: 43761

Ion Ratio Lower Upper

152 100

150 161.8 124.7 187.1

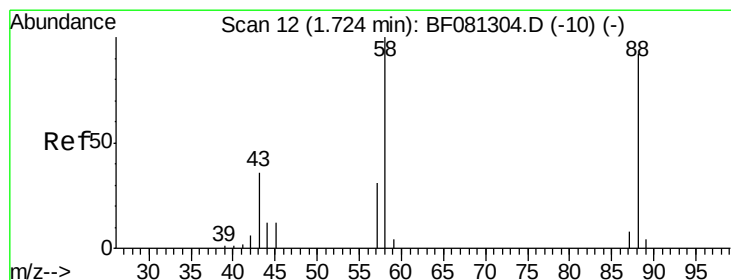
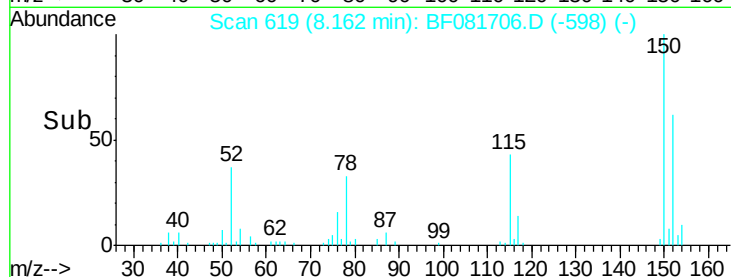
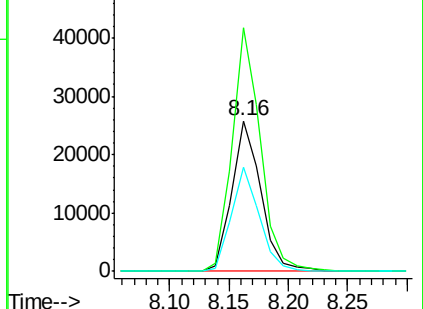
115 69.2 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 62.51 ng

RT: 1.53 min Scan# 39

Delta R.T. -0.03 min

Lab File: BF081706.D

Acq: 18 Sep 2015 20:32

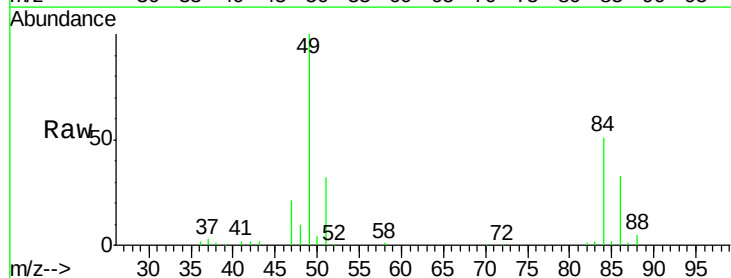
Tgt Ion: 88 Resp: 79186

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

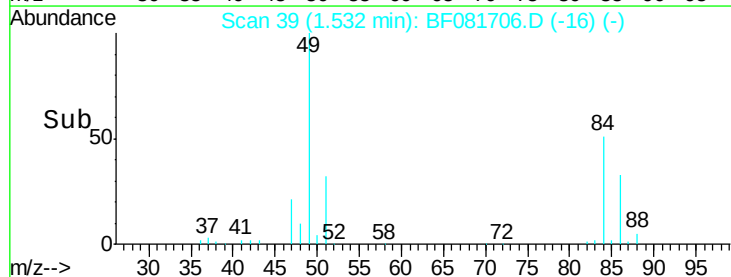
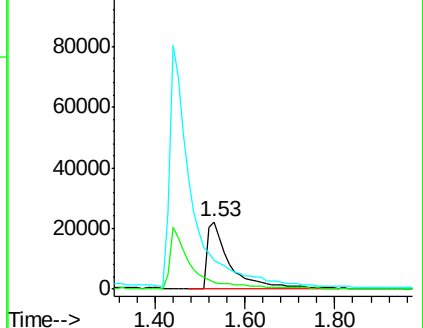
43 0.0 26.6 40.0#

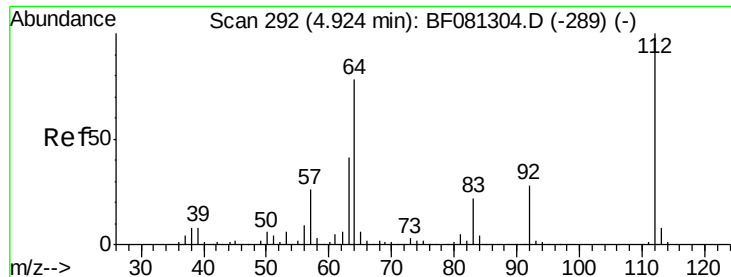


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 53.65 ng

RT: 5.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF081706.D

Acq: 18 Sep 2015 20:32

Instrument :

BNA_F

ClientSampleId :

MW-12-9-15-15

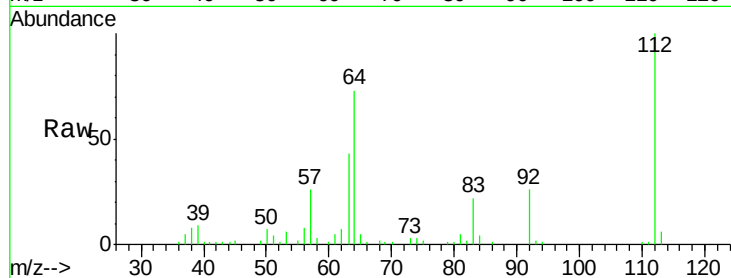
Tgt Ion: 112 Resp: 151332

Ion Ratio Lower Upper

112 100

64 73.4 39.7 59.5#

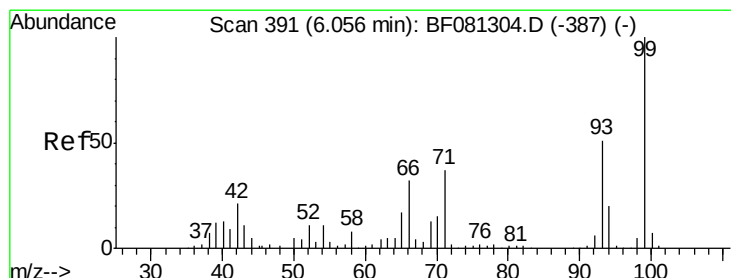
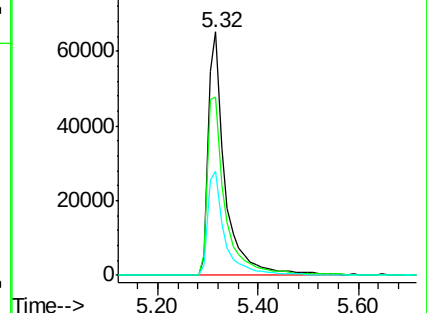
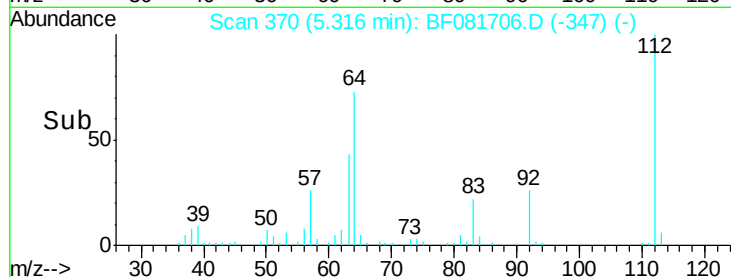
63 42.9 17.4 26.0#



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: 32.98 ng

RT: 7.58 min Scan# 568

Delta R.T. -0.07 min

Lab File: BF081706.D

Acq: 18 Sep 2015 20:32

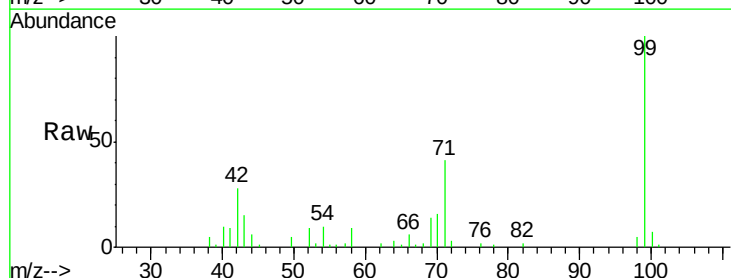
Tgt Ion: 99 Resp: 123142

Ion Ratio Lower Upper

99 100

42 28.0 13.7 20.5#

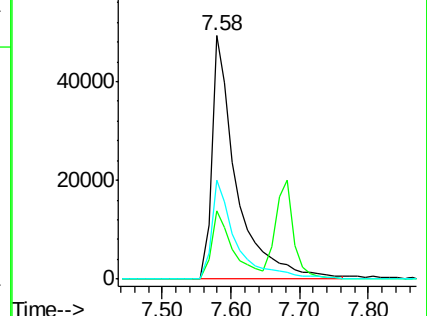
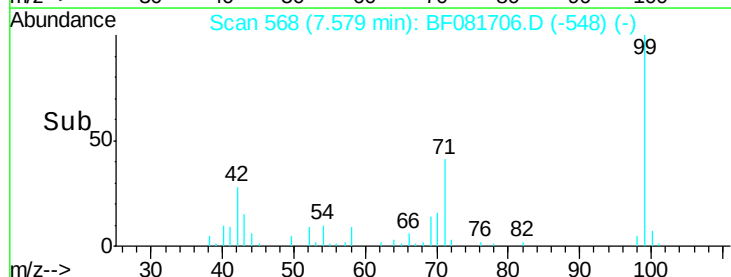
71 40.9 14.2 21.2#

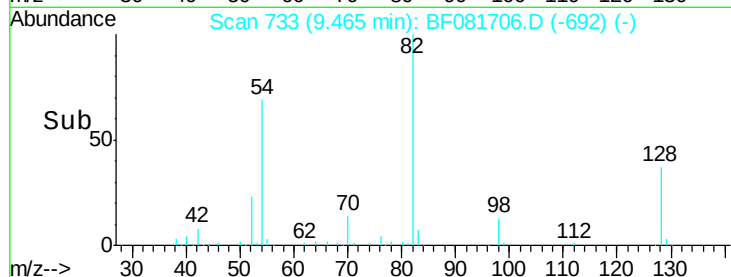
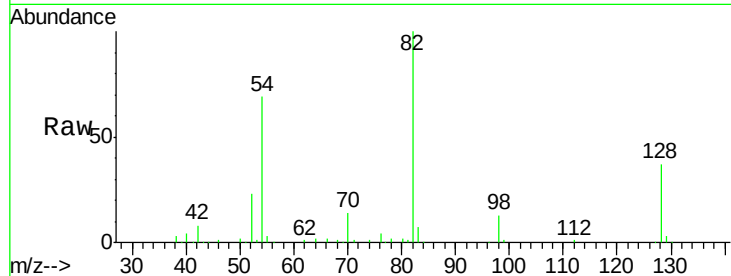
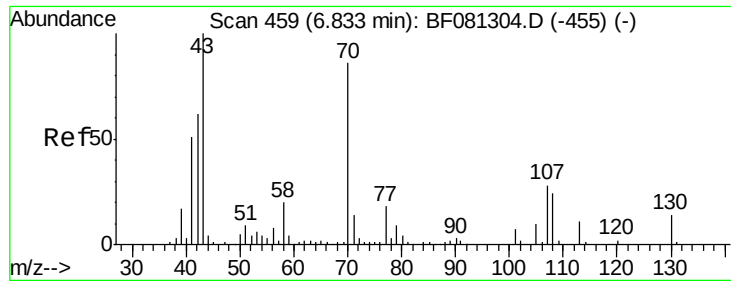


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

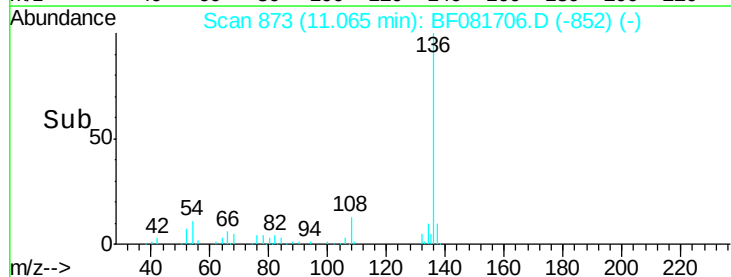
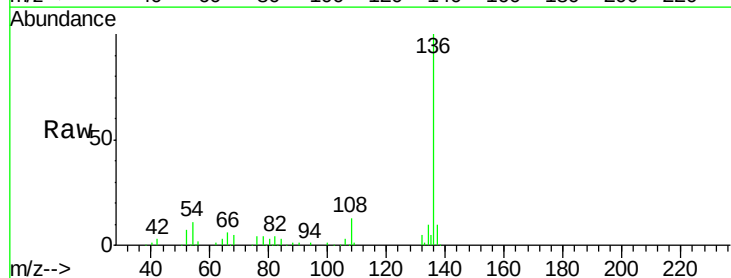
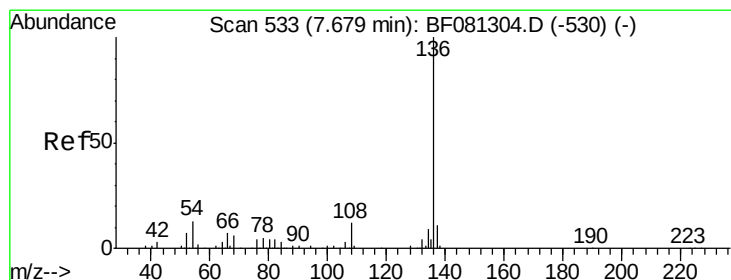
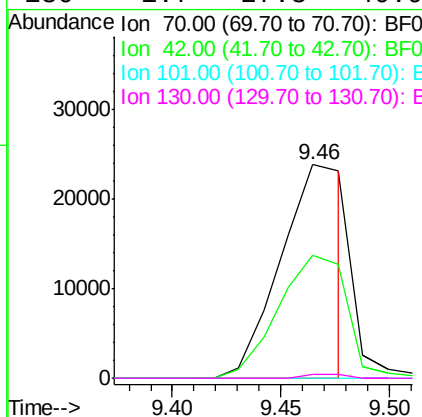




#19
n-Nitroso-di-n-propylamine
Concen: 19.36 ng
RT: 9.46 min Scan# 733
Delta R.T. 0.17 min
Lab File: BF081706.D
Acq: 18 Sep 2015 20:32

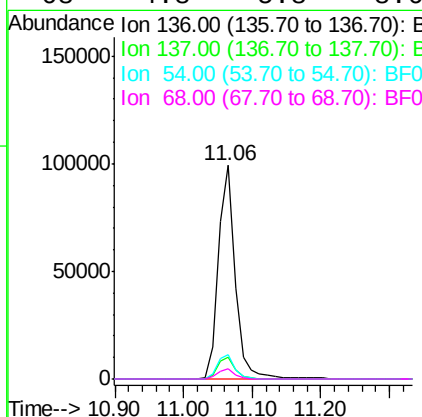
Instrument :
BNA_F
ClientSampleId :
MW-12-9-15-15

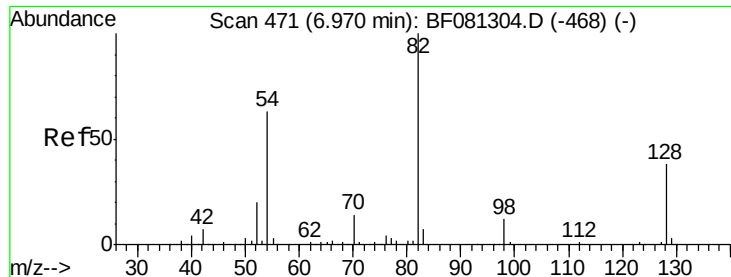
Tgt Ion: 70 Resp: 49191
Ion Ratio Lower Upper
70 100
42 57.7 63.8 95.6#
101 0.0 9.2 13.8#
130 1.7 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.06 min Scan# 873
Delta R.T. -0.06 min
Lab File: BF081706.D
Acq: 18 Sep 2015 20:32

Tgt Ion: 136 Resp: 174198
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.6
54 11.4 8.2 12.2
68 4.8 5.8 8.6#

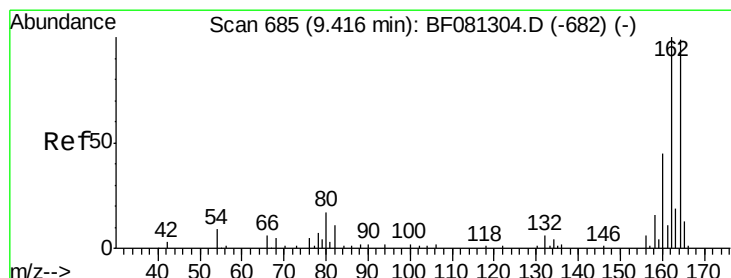
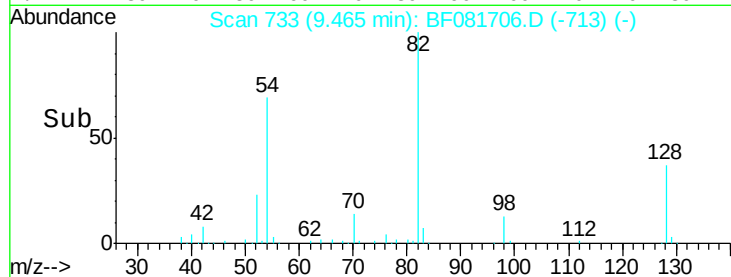
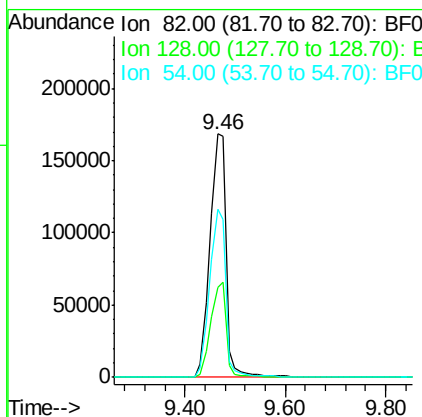
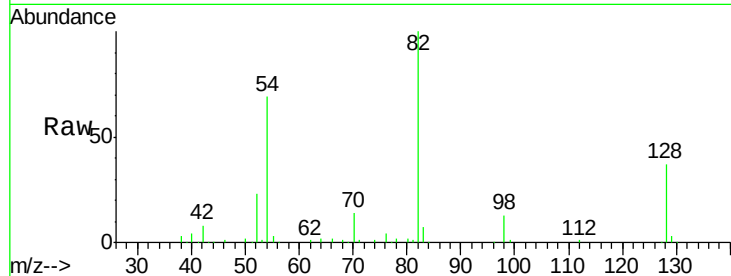




#23
 Nitrobenzene-d5
 Concen: 105.44 ng
 RT: 9.46 min Scan# 733
 Delta R.T. -0.07 min
 Lab File: BF081706.D
 Acq: 18 Sep 2015 20:32

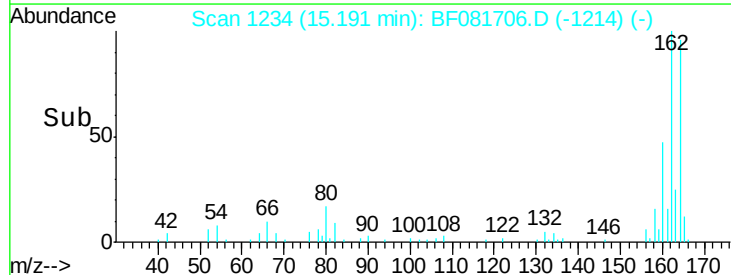
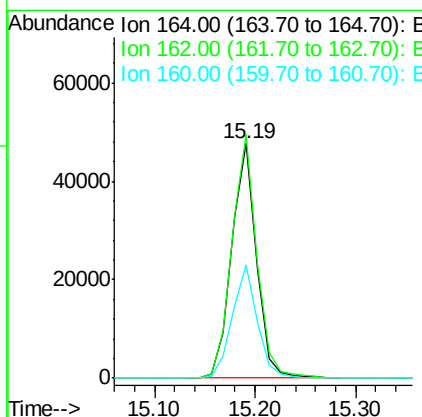
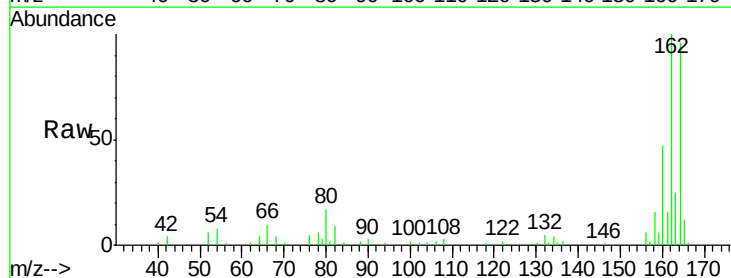
Instrument :
 BNA_F
 ClientSampleId :
 MW-12-9-15-15

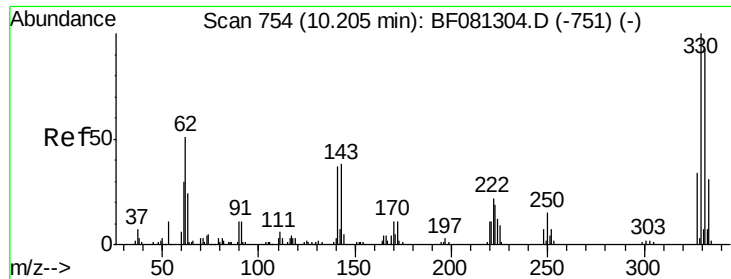
Tgt Ion: 82 Resp: 380715
 Ion Ratio Lower Upper
 82 100
 128 37.1 51.0 76.6#
 54 69.0 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.07 min
 Lab File: BF081706.D
 Acq: 18 Sep 2015 20:32

Tgt Ion: 164 Resp: 81651
 Ion Ratio Lower Upper
 164 100
 162 103.9 75.2 112.8
 160 48.3 31.5 47.3#

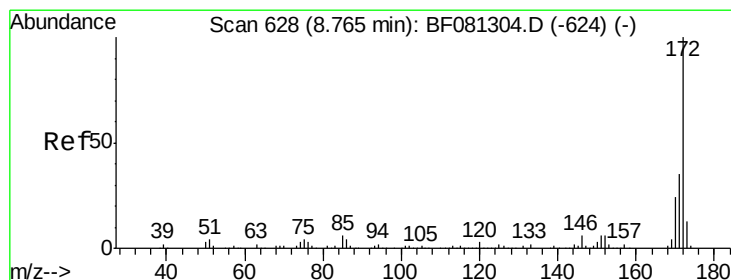
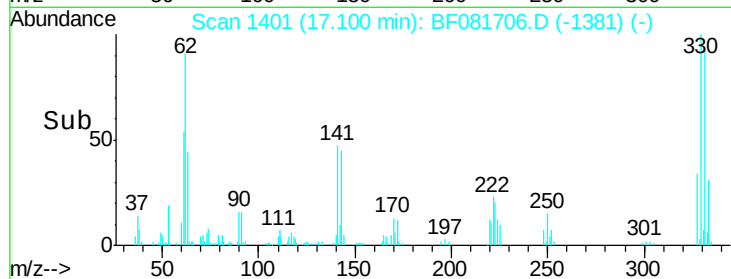
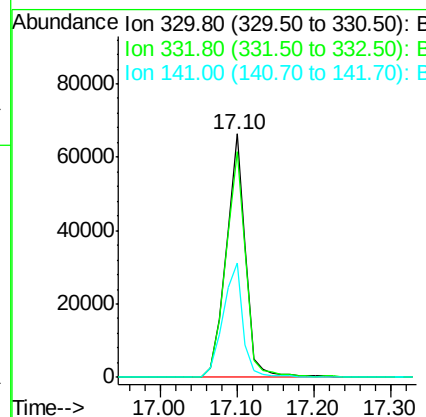
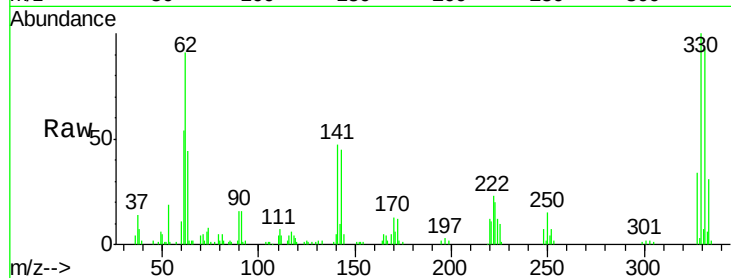




#41
 2,4,6-Tribromophenol
 Concen: 163.07 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081706.D
 Acq: 18 Sep 2015 20:32

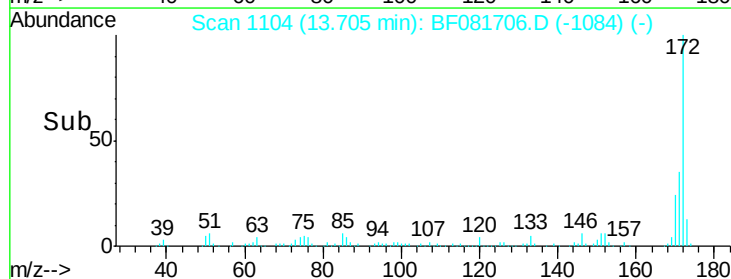
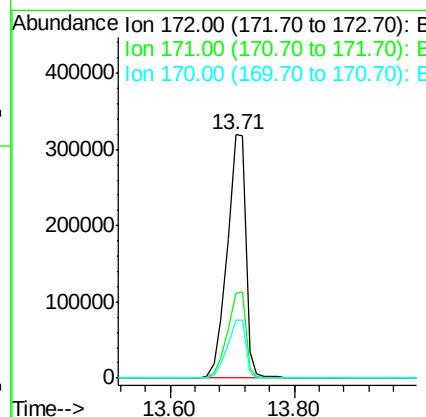
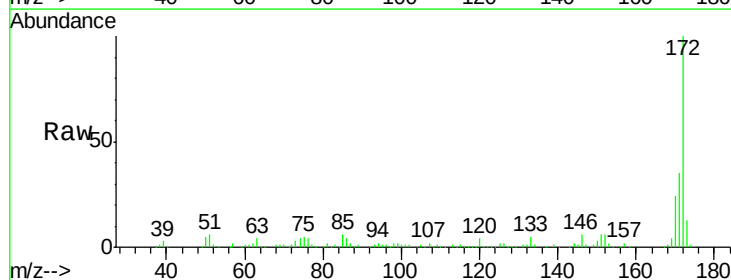
Instrument :
 BNA_F
 ClientSampleId :
 MW-12-9-15-15

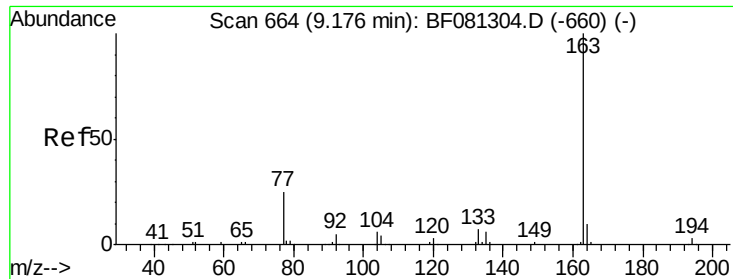
Tgt Ion:330 Resp: 118556
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 48.1 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 104.16 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081706.D
 Acq: 18 Sep 2015 20:32

Tgt Ion:172 Resp: 663677
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.1 39.1
 170 24.0 17.4 26.2





#49

Dimethylphthalate

Concen: 2.78 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.09 min

Lab File: BF081706.D

Acq: 18 Sep 2015 20:32

Instrument :

BNA_F

ClientSampleId :

MW-12-9-15-15

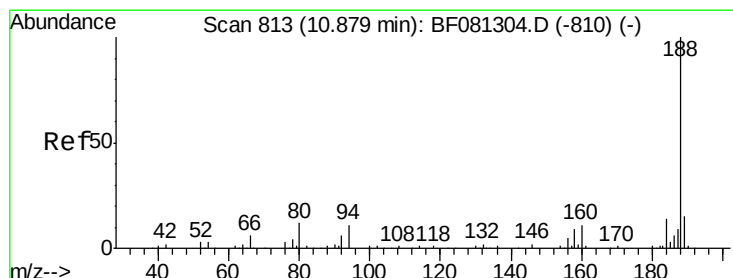
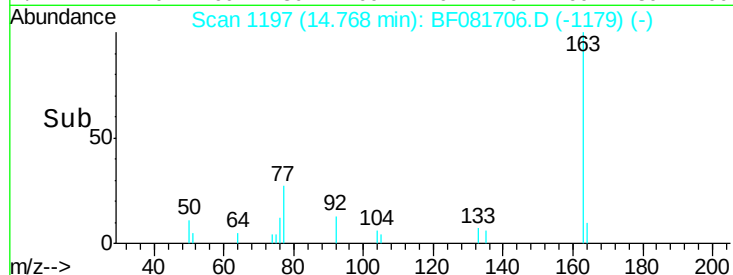
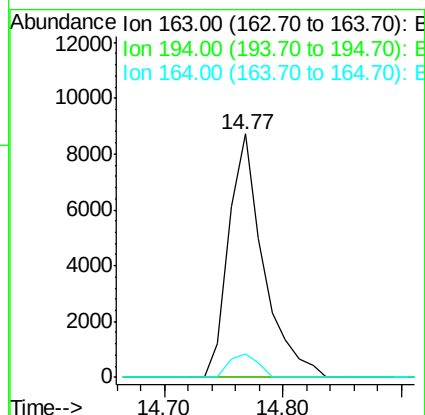
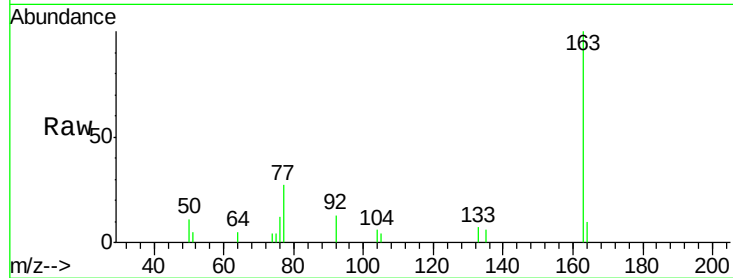
Tgt Ion:163 Resp: 17656

Ion Ratio Lower Upper

163 100

194 0.0 4.4 6.6#

164 9.8 8.3 12.5



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.70 min Scan# 1541

Delta R.T. -0.06 min

Lab File: BF081706.D

Acq: 18 Sep 2015 20:32

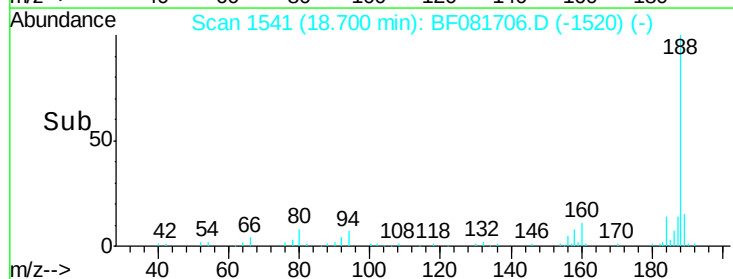
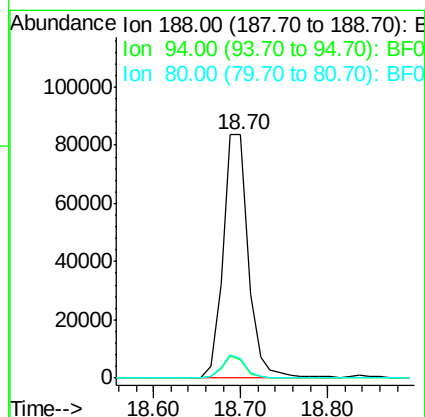
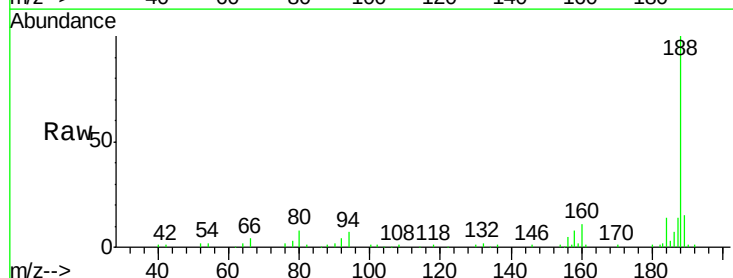
Tgt Ion:188 Resp: 169600

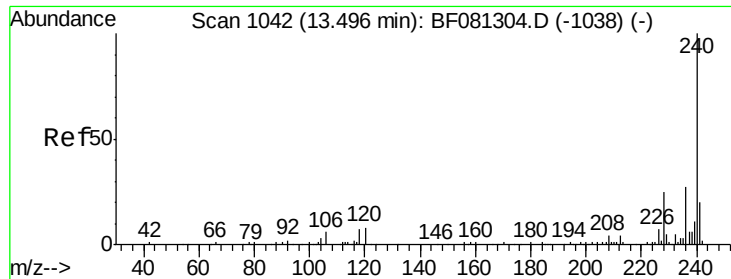
Ion Ratio Lower Upper

188 100

94 7.3 11.1 16.7#

80 7.9 11.0 16.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.34 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BF081706.D

Acq: 18 Sep 2015 20:32

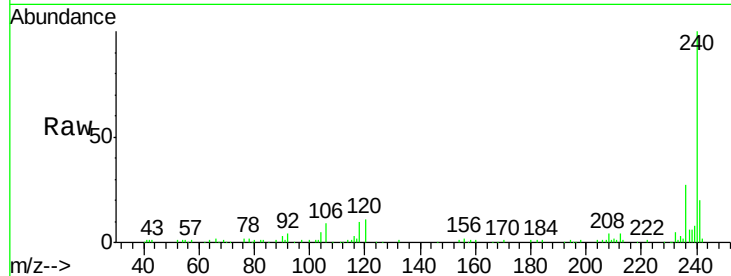
Instrument :

BNA_F

ClientSampleId :

MW-12-9-15-15

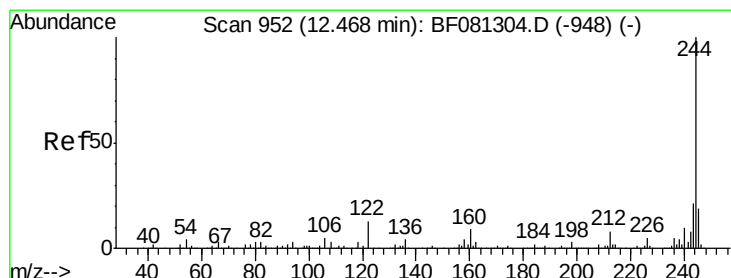
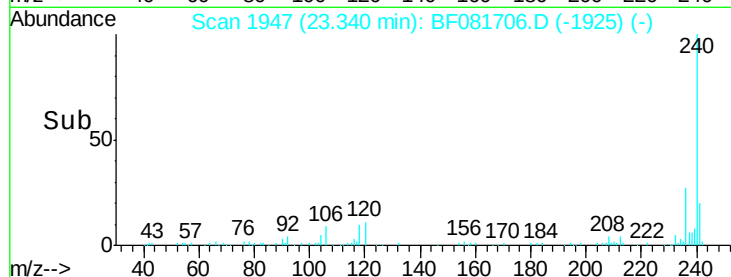
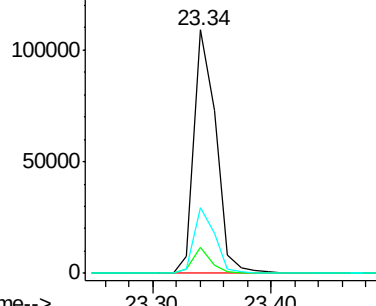
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	16.2	24.2#
236	26.8	18.4	27.6



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: 99.58 ng

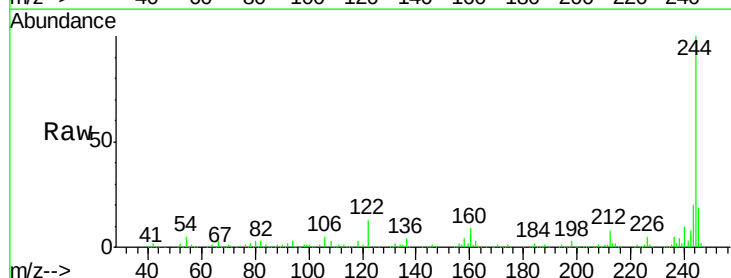
RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081706.D

Acq: 18 Sep 2015 20:32

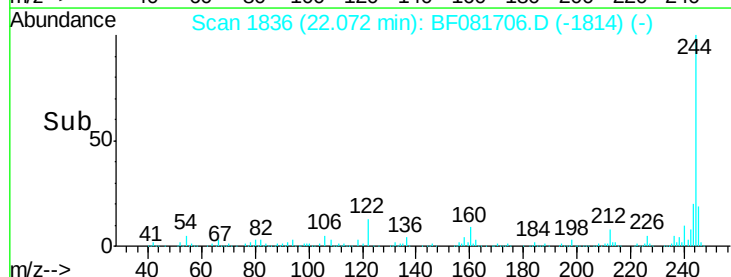
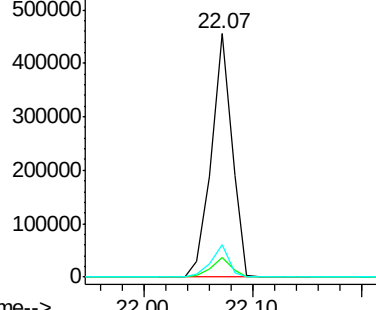
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	13.3	17.4	26.2#

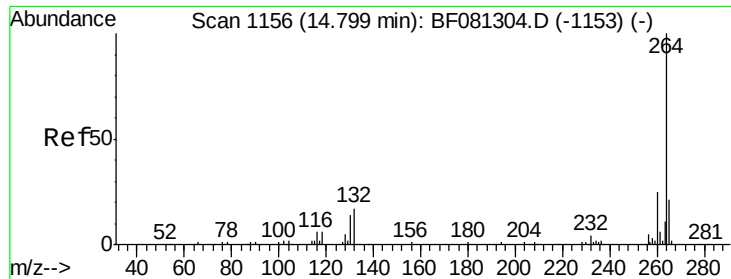


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

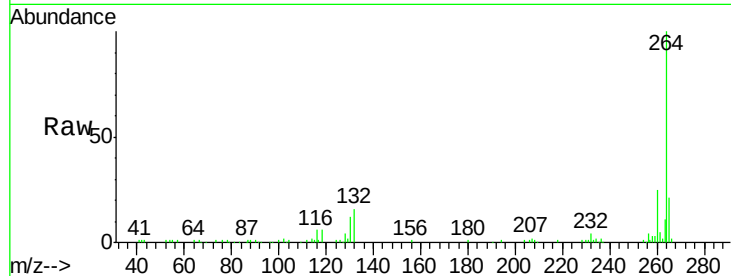




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BF081706.D
Acq: 18 Sep 2015 20:32

Instrument :
BNA_F
ClientSampleId :
MW-12-9-15-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	20.8	17.2	25.8



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

