

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083606.D
 Acq On : 8 Dec 2015 20:51
 Operator : UM/IZ
 Sample : PB87111BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87111BL

Quant Time: Dec 09 01:23:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

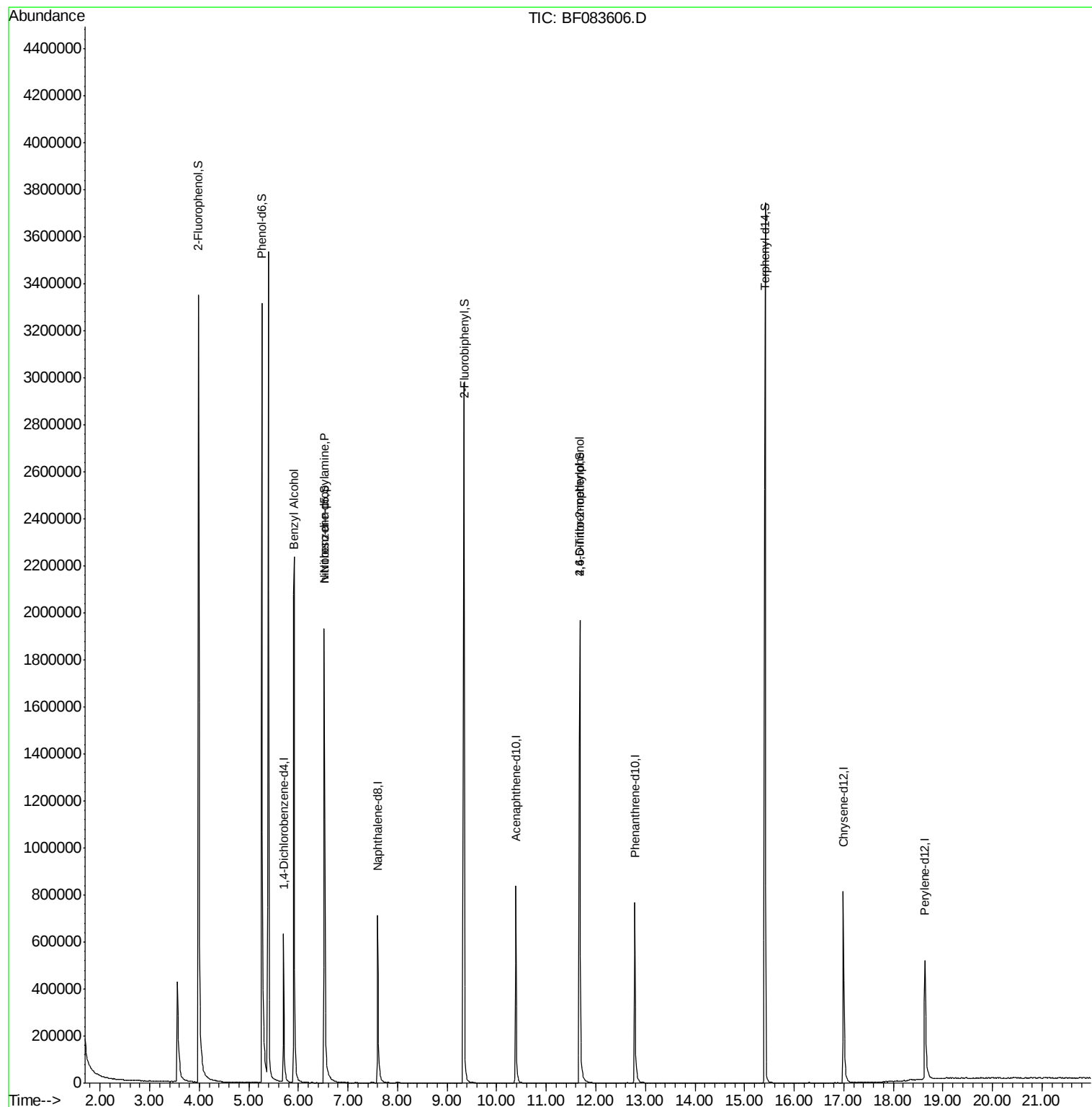
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	141759	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	553981	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	275737	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	538326	20.00	ng	0.00
75) Chrysene-d12	16.99	240	486837	20.00	ng	0.00
86) Perylene-d12	18.64	264	397970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	1281394	137.10	ng	0.01
7) Phenol-d6	5.26	99	1748572	140.02	ng	-0.01
23) Nitrobenzene-d5	6.52	82	1086336	91.50	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	349937	142.45	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1792768	91.51	ng	0.00
78) Terphenyl-d14	15.41	244	1784453	86.24	ng	0.00
Target Compounds						
15) Benzyl Alcohol	5.90	79	18072	2.03	ng	# 48
19) n-Nitroso-di-n-propylamine	6.52	70	135667	15.56	ng	# 82
64) 4,6-Dinitro-2-methylphenol	11.68	198	700	2.13	ng	# 1

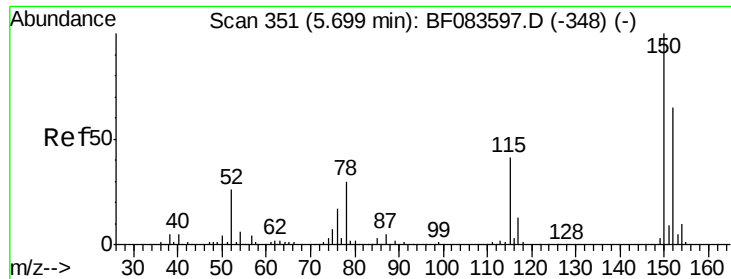
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF083606.D
Acq On : 8 Dec 2015 20:51
Operator : UM/IZ
Sample : PB87111BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Dec 09 01:23:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
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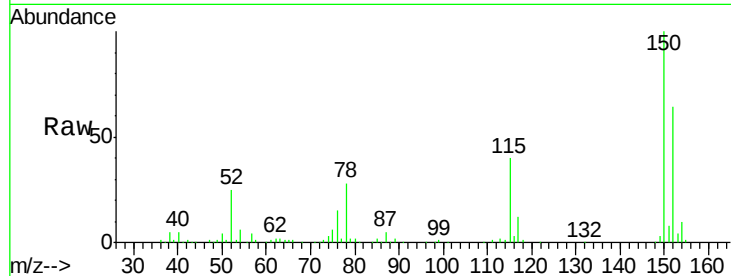




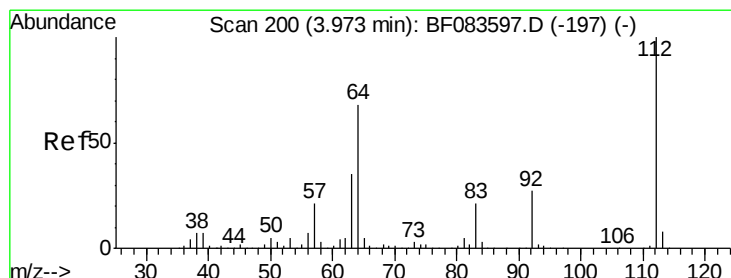
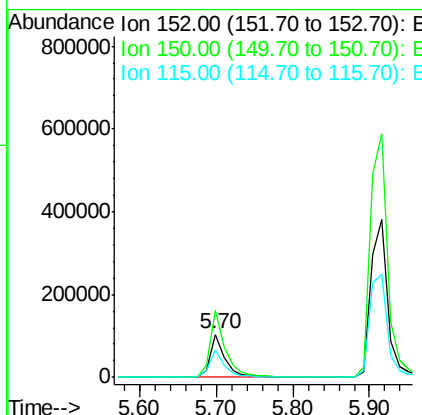
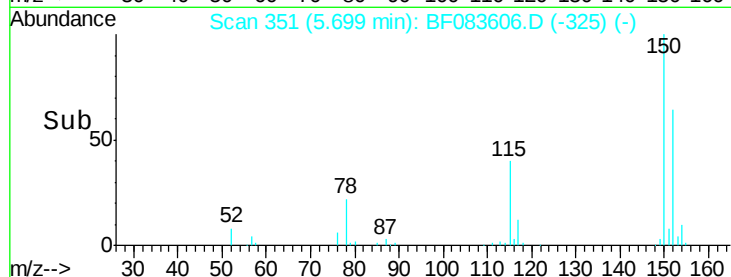
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.70 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: BF083606.D
 Acq: 8 Dec 2015 20:51

Instrument :
 BNA_F
 ClientSampleId :
 PB87111BL

Tgt Ion:152 Resp: 141759
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.5 189.7
 115 62.4 52.3 78.5

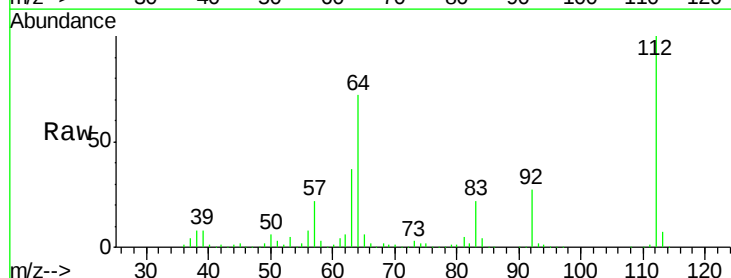


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

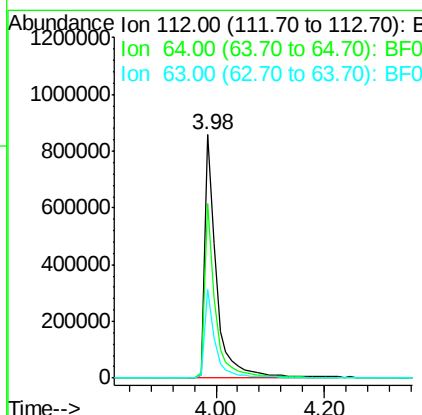
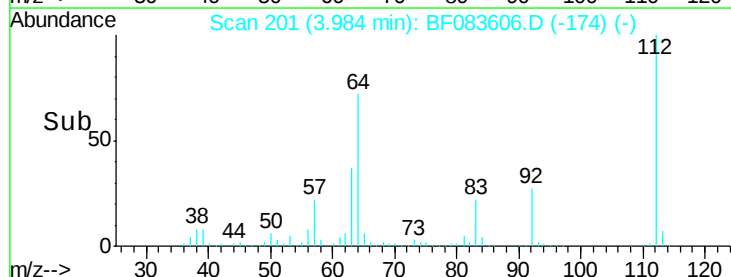


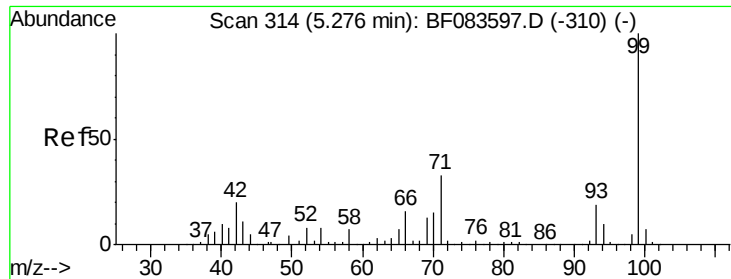
#5
 2-Fluorophenol
 Concen: 137.10 ng
 RT: 3.98 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: BF083606.D
 Acq: 8 Dec 2015 20:51

Tgt Ion:112 Resp: 1281394
 Ion Ratio Lower Upper
 112 100
 64 71.6 50.5 75.7
 63 36.5 25.8 38.6



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: 140.02 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.01 min

Lab File: BF083606.D

Acq: 8 Dec 2015 20:51

Instrument :

BNA_F

ClientSampleId :

PB87111BL

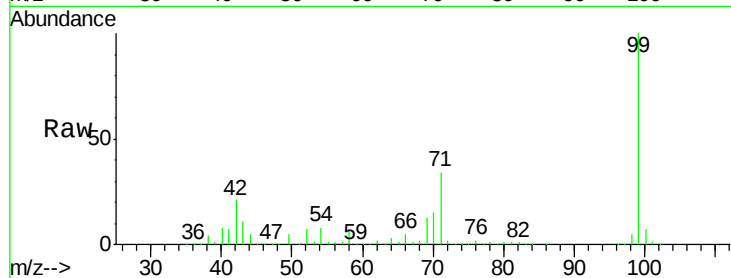
Tgt Ion: 99 Resp: 1748572

Ion Ratio Lower Upper

99 100

42 21.2 17.3 25.9

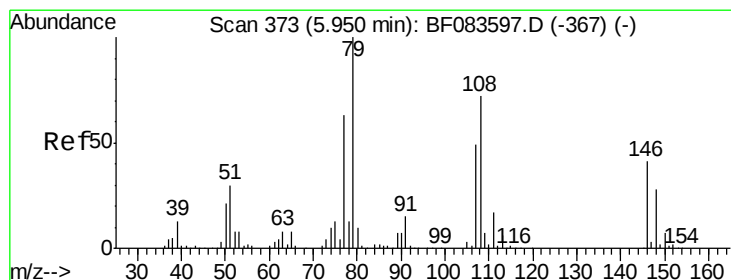
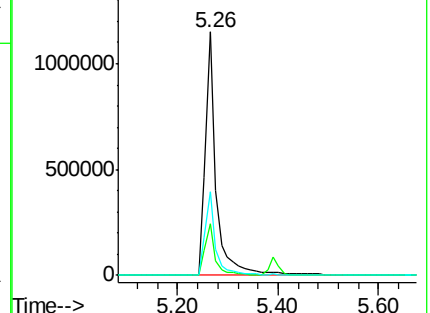
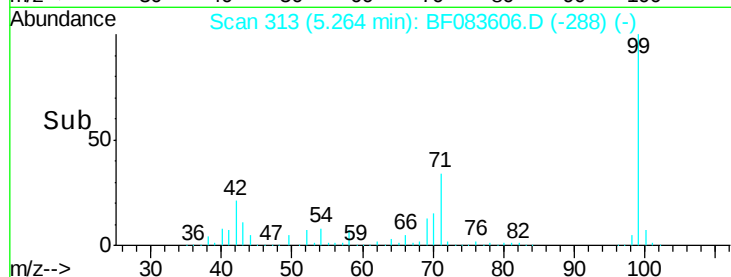
71 34.1 26.6 40.0



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: 2.03 ng

RT: 5.90 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF083606.D

Acq: 8 Dec 2015 20:51

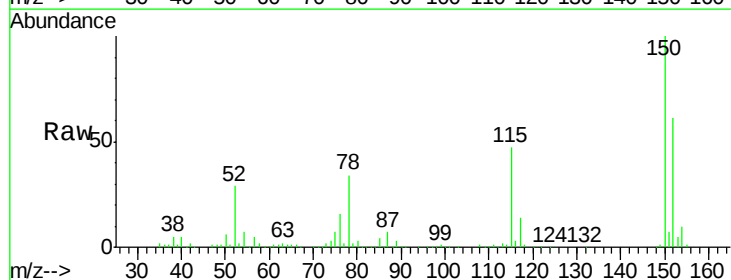
Tgt Ion: 79 Resp: 18072

Ion Ratio Lower Upper

79 100

108 23.1 59.6 89.4#

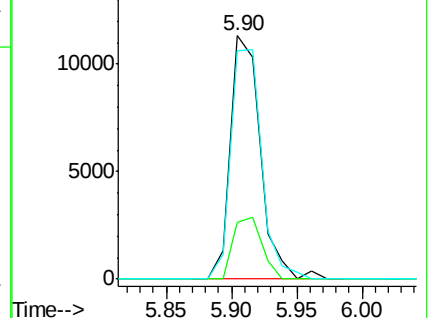
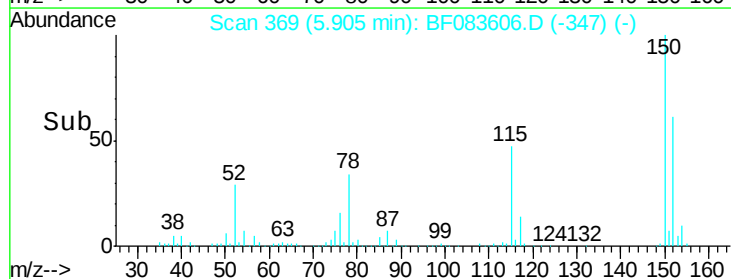
77 93.7 49.8 74.6#

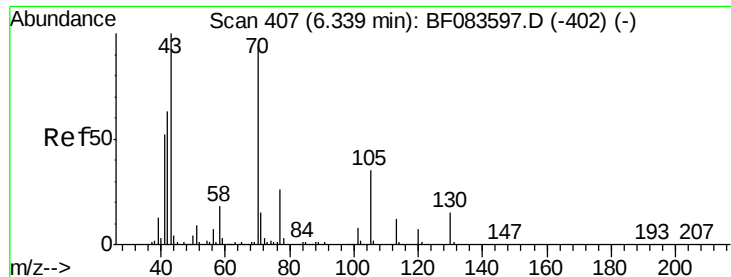


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

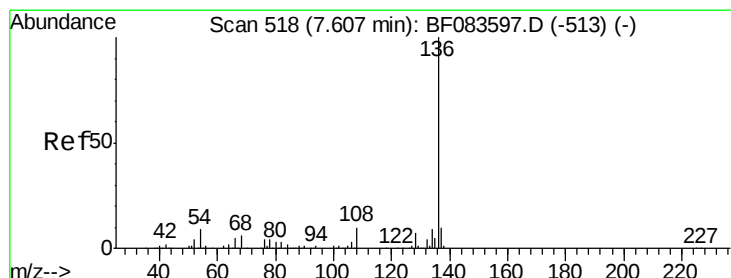
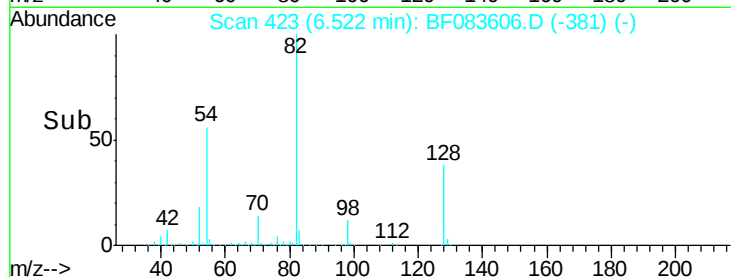
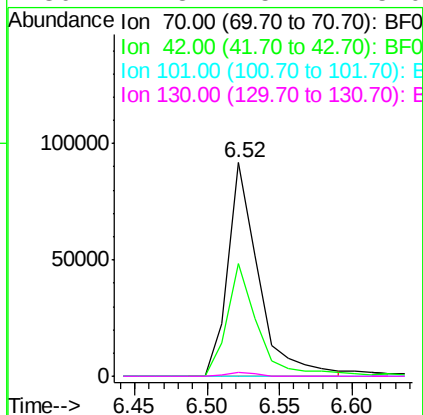
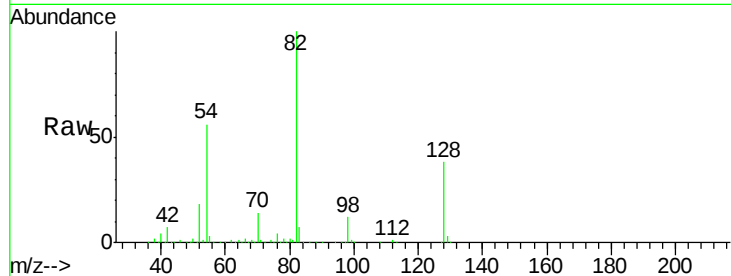




#19
n-Nitroso-di-n-propylamine
Concen: 15.56 ng
RT: 6.52 min Scan# 423
Delta R.T. 0.18 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

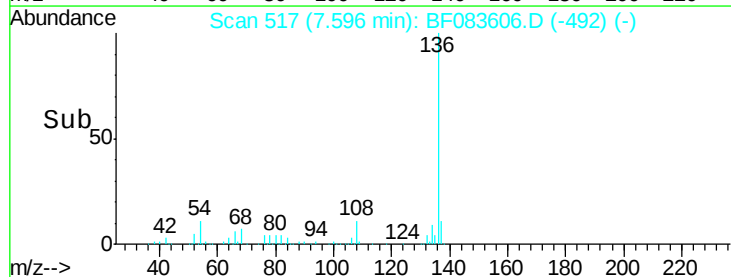
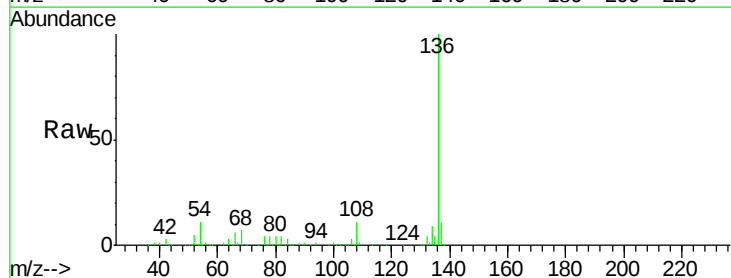
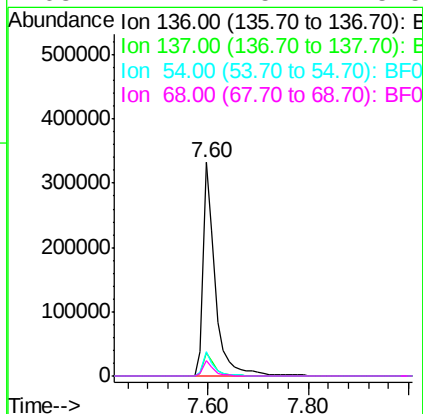
Instrument :
BNA_F
ClientSampled :
PB87111BL

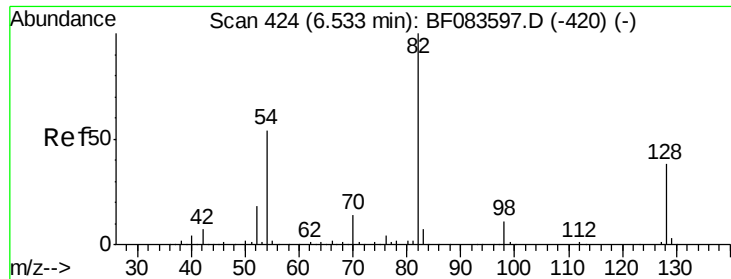
Tgt Ion: 70 Resp: 135667
Ion Ratio Lower Upper
70 100
42 52.9 49.2 73.8
101 0.0 7.1 10.7#
130 1.8 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Tgt Ion: 136 Resp: 553981
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 11.1 7.8 11.6
68 7.2 5.7 8.5

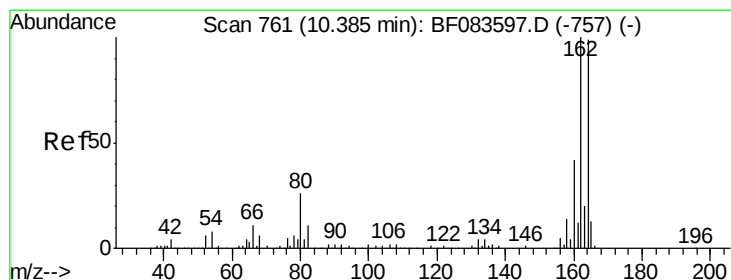
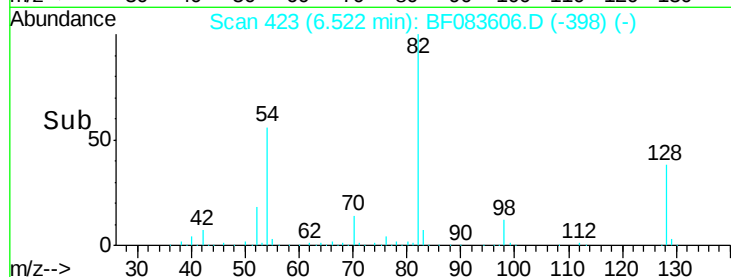
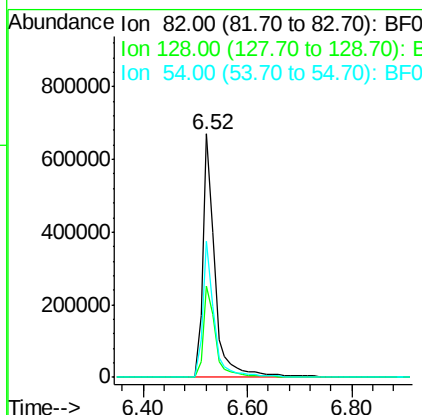
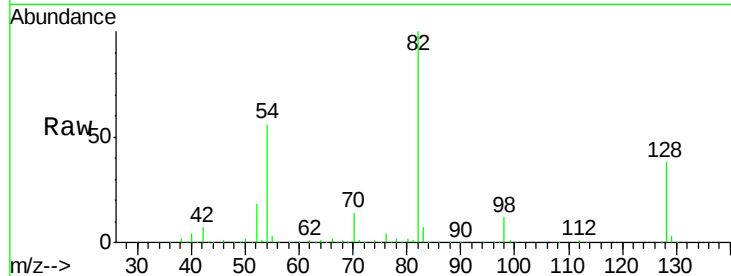




#23
 Nitrobenzene-d5
 Concen: 91.50 ng
 RT: 6.52 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF083606.D
 Acq: 8 Dec 2015 20:51

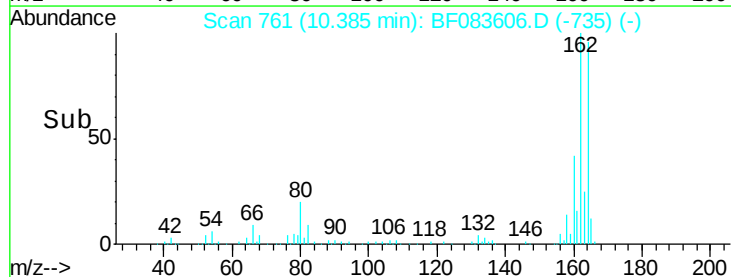
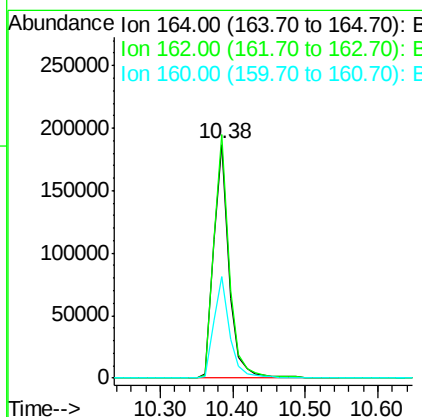
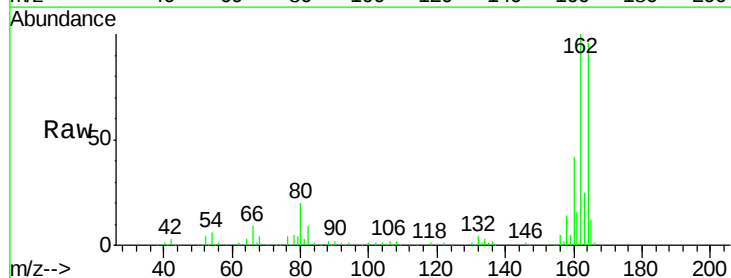
Instrument :
 BNA_F
 ClientSampleId :
 PB87111BL

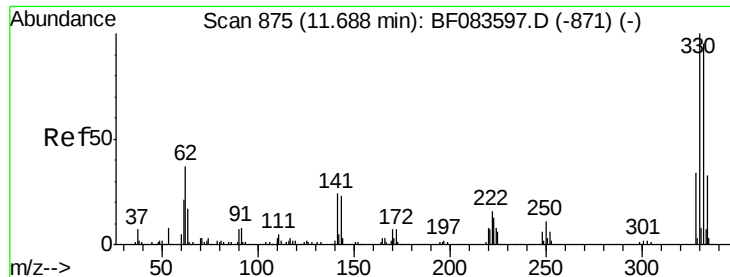
Tgt Ion: 82 Resp: 1086336
 Ion Ratio Lower Upper
 82 100
 128 37.7 30.7 46.1
 54 55.9 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.38 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF083606.D
 Acq: 8 Dec 2015 20:51

Tgt Ion: 164 Resp: 275737
 Ion Ratio Lower Upper
 164 100
 162 104.3 78.8 118.2
 160 43.3 33.4 50.2

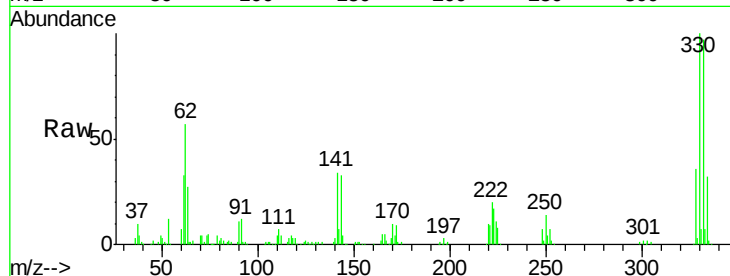




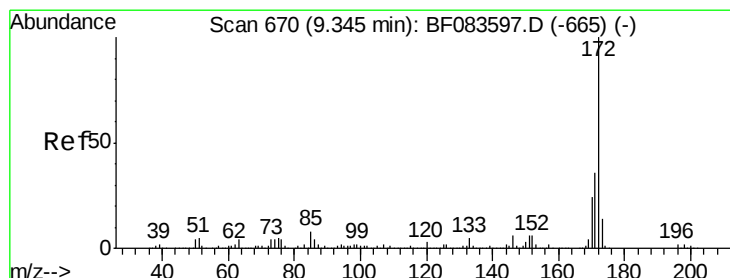
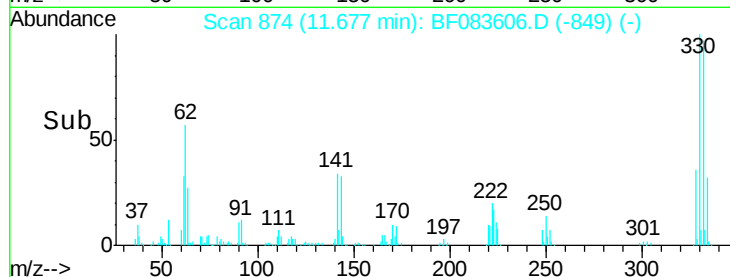
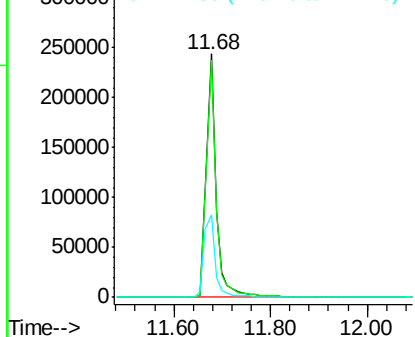
#41
 2,4,6-Tribromophenol
 Concen: 142.45 ng
 RT: 11.68 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF083606.D
 Acq: 8 Dec 2015 20:51

Instrument :
 BNA_F
 ClientSampleId :
 PB87111BL

Tgt Ion:330 Resp: 349937
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 38.3 0.0 0.0#

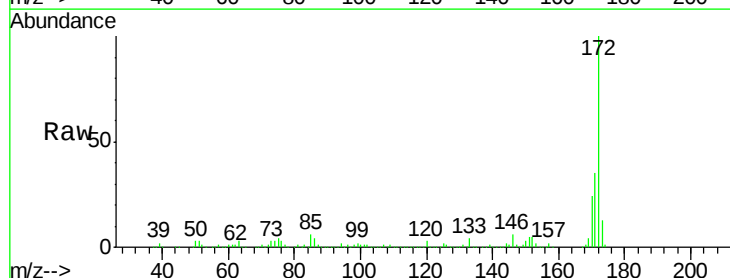


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

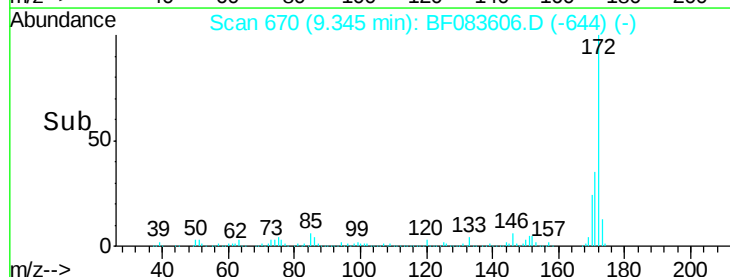
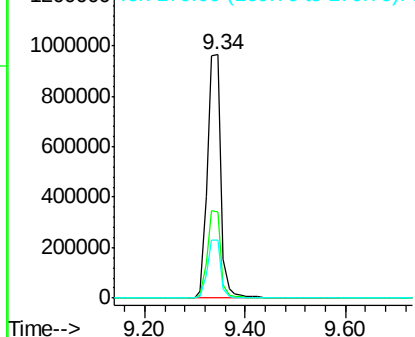


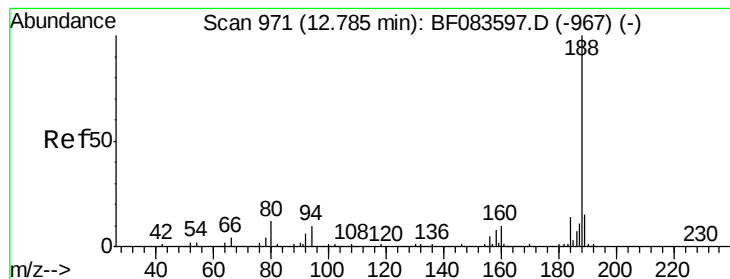
#44
 2-Fluorobiphenyl
 Concen: 91.51 ng
 RT: 9.34 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083606.D
 Acq: 8 Dec 2015 20:51

Tgt Ion:172 Resp: 1792768
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.9 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: 12.79 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF083606.D

Acq: 8 Dec 2015 20:51

Instrument :

BNA_F

ClientSampleId :

PB87111BL

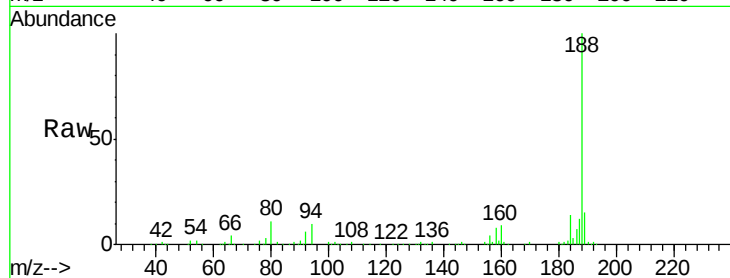
Tgt Ion:188 Resp: 538326

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

80 11.3 10.6 16.0



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

12.79

300000

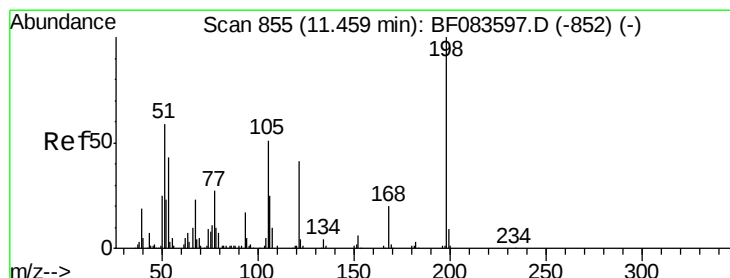
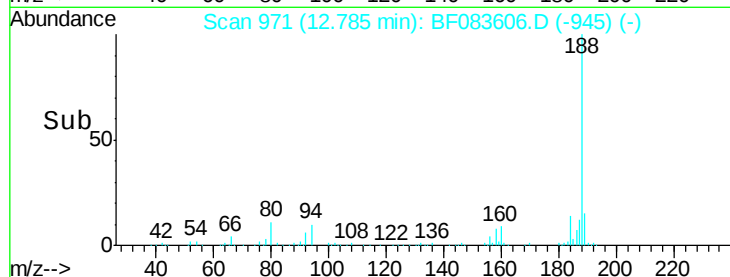
200000

100000

0

Time-->

12.70 12.80 12.90



#64

4,6-Dinitro-2-methylphenol

Concen: 2.13 ng

RT: 11.68 min Scan# 874

Delta R.T. 0.22 min

Lab File: BF083606.D

Acq: 8 Dec 2015 20:51

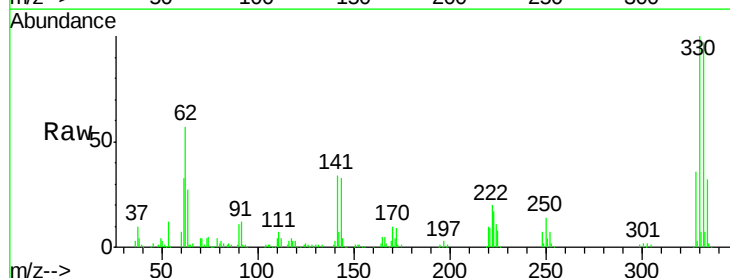
Tgt Ion:198 Resp: 700

Ion Ratio Lower Upper

198 100

51 230.6 53.8 93.8#

105 224.9 38.6 78.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

1500

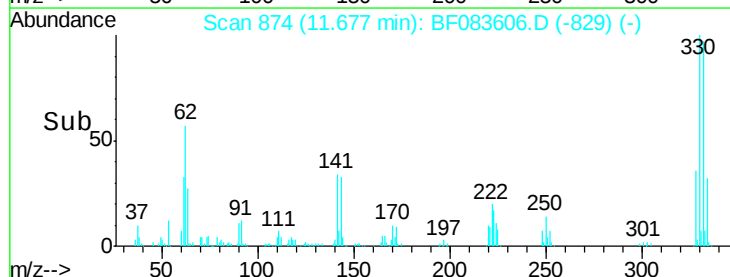
1000

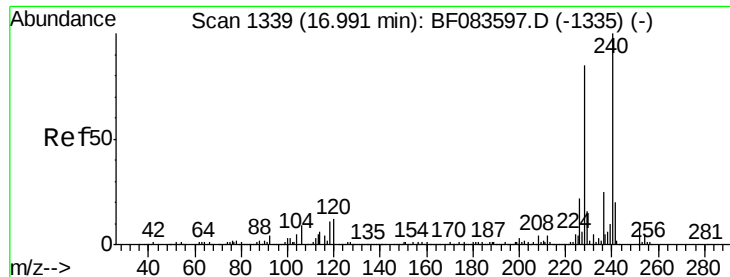
500

0

Time-->

11.65 11.70





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.99 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF083606.D

Acq: 8 Dec 2015 20:51

Instrument :

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PB87111BL

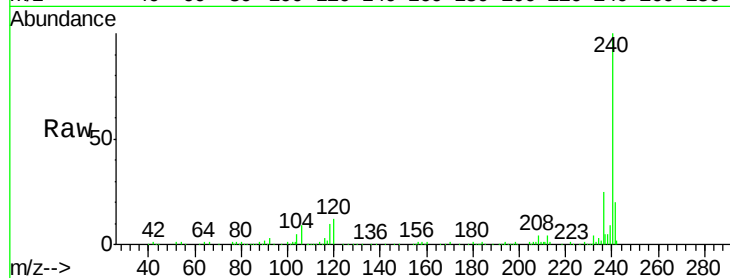
Tgt Ion:240 Resp: 486837

Ion Ratio Lower Upper

240 100

120 11.9 8.1 12.1

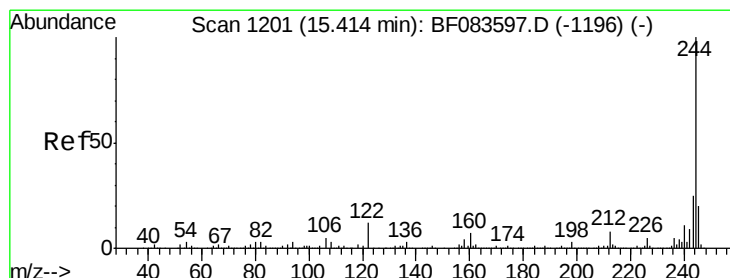
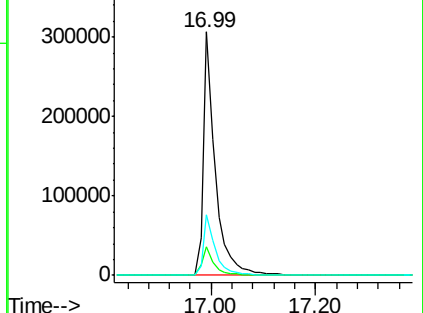
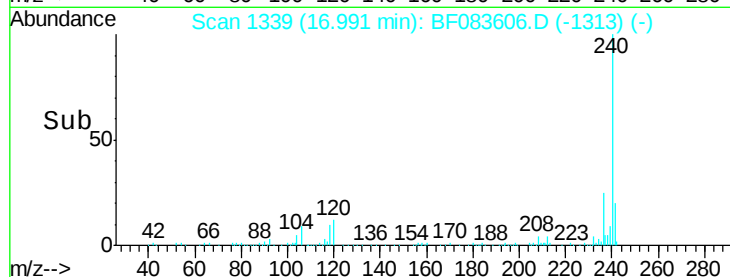
236 24.8 20.8 31.2



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: 86.24 ng

RT: 15.41 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF083606.D

Acq: 8 Dec 2015 20:51

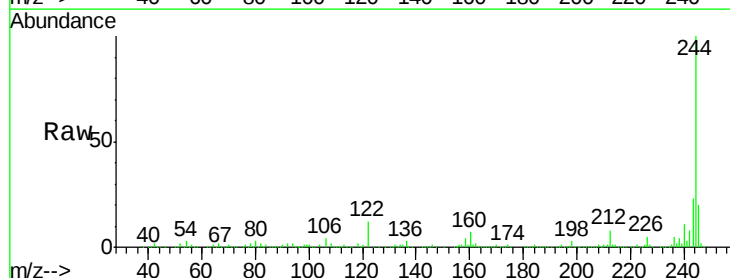
Tgt Ion:244 Resp: 1784453

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

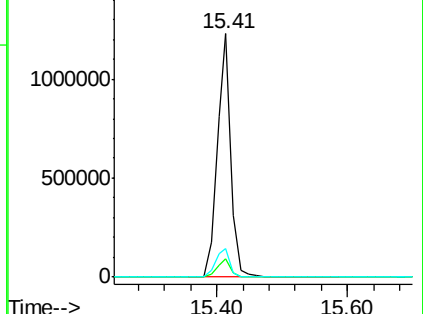
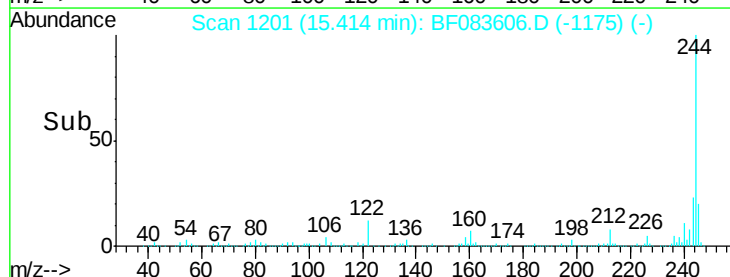
122 11.9 11.0 16.6

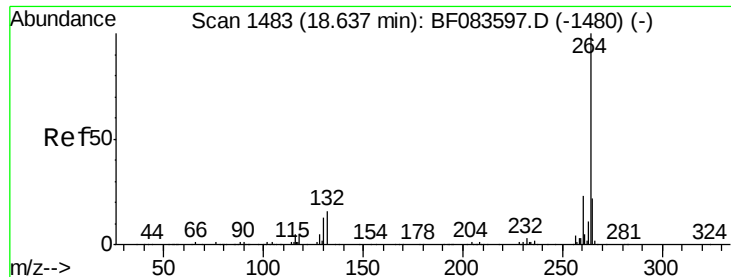


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.64 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Instrument :
BNA_F
ClientSampleId :
PB87111BL

Tgt Ion: 264 Resp: 397970
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.0
265 21.5 17.8 26.6

