

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083602.D
 Acq On : 8 Dec 2015 18:51
 Operator : UM/IZ
 Sample : PB86955BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BL

Quant Time: Dec 09 01:20:09 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

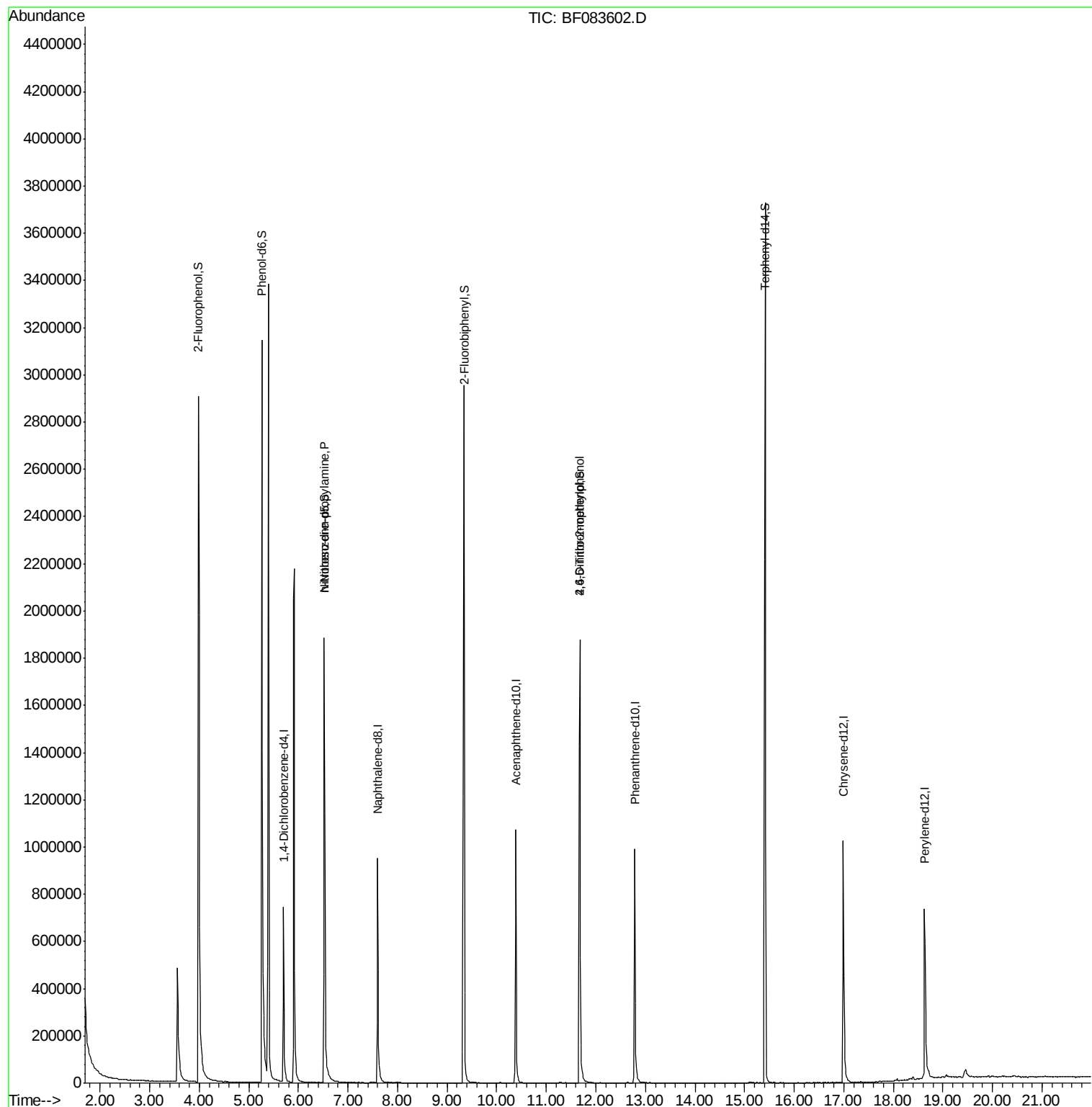
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	173656	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	677963	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	345300	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	665840	20.00	ng	0.00
75) Chrysene-d12	16.99	240	614027	20.00	ng	0.00
86) Perylene-d12	18.63	264	521968	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	1269487	110.88	ng	0.01
7) Phenol-d6	5.26	99	1670967	109.23	ng	-0.01
23) Nitrobenzene-d5	6.52	82	1065352	73.32	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	341816	111.11	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1776473	72.41	ng	0.00
78) Terphenyl-d14	15.41	244	1733027	66.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.52	70	133766	12.53	ng	# 80
64) 4,6-Dinitro-2-methylphenol	11.68	198	738	2.10	ng	# 1

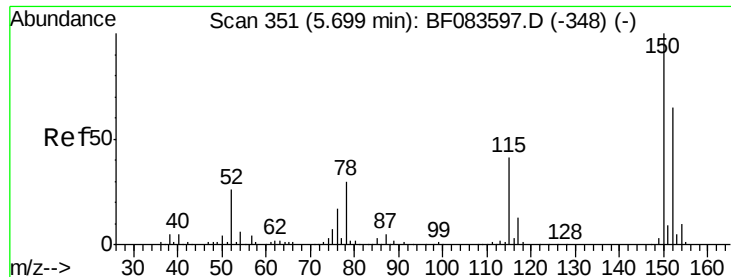
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

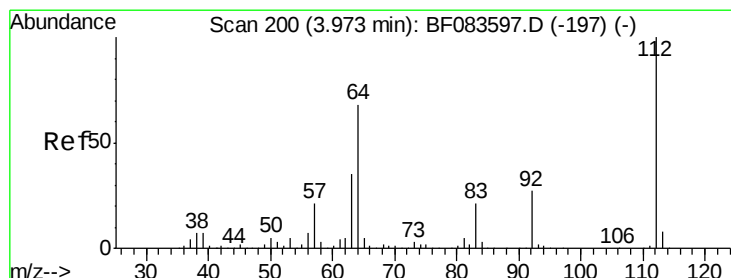
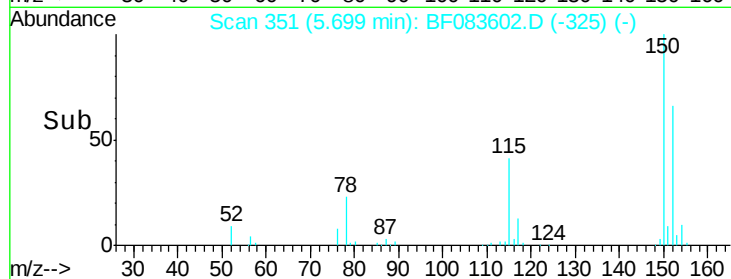
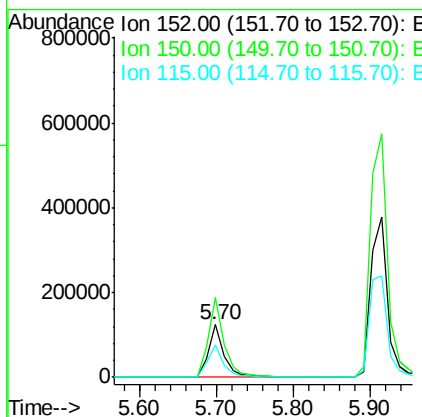
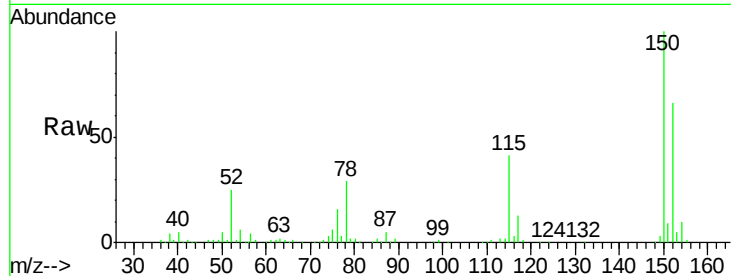




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.70 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: BF083602.D
 Acq: 8 Dec 2015 18:51

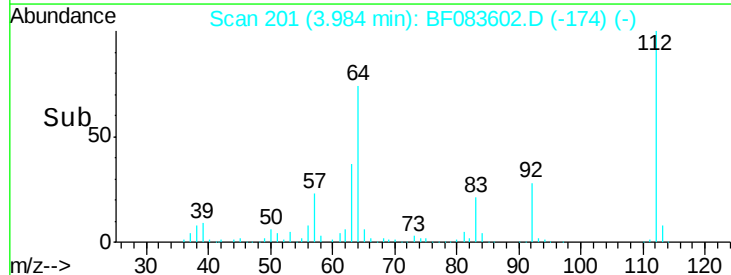
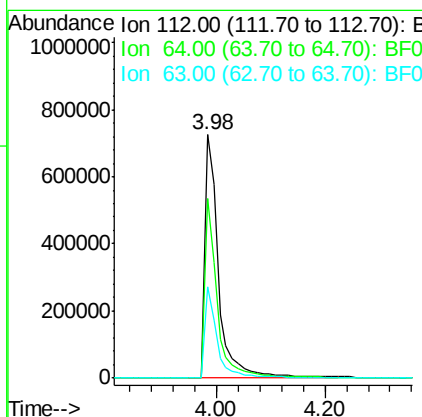
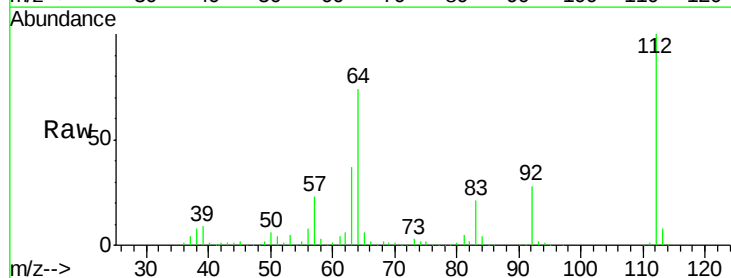
Instrument :
 BNA_F
 ClientSampleId :
 PB86955BL

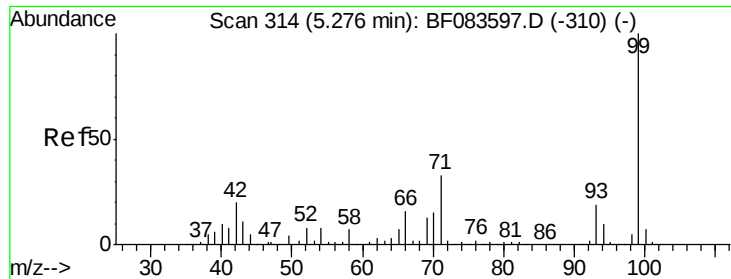
Tgt Ion:152 Resp: 173656
 Ion Ratio Lower Upper
 152 100
 150 152.1 126.5 189.7
 115 62.7 52.3 78.5



#5
 2-Fluorophenol
 Concen: 110.88 ng
 RT: 3.98 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: BF083602.D
 Acq: 8 Dec 2015 18:51

Tgt Ion:112 Resp: 1269487
 Ion Ratio Lower Upper
 112 100
 64 74.0 50.5 75.7
 63 37.3 25.8 38.6





#7

Phenol-d6

Concen: 109.23 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.01 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

Instrument :

BNA_F

ClientSampleId :

PB86955BL

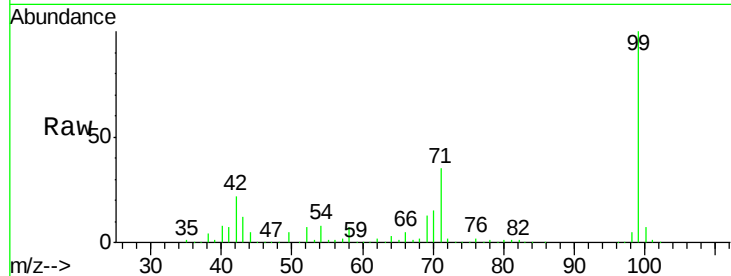
Tgt Ion: 99 Resp: 1670967

Ion Ratio Lower Upper

99 100

42 21.8 17.3 25.9

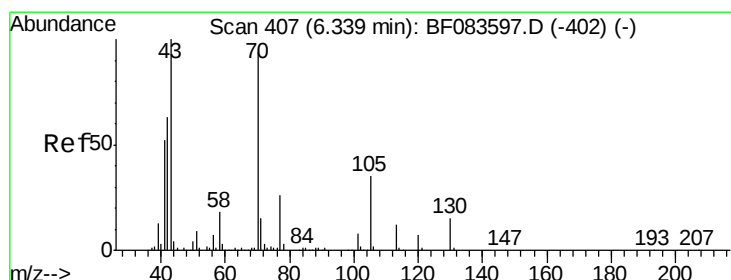
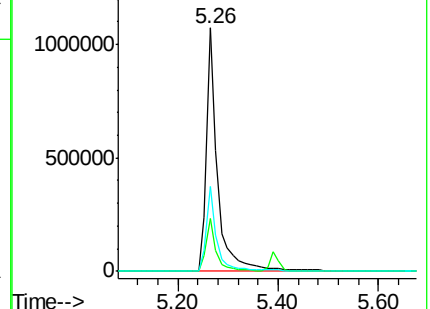
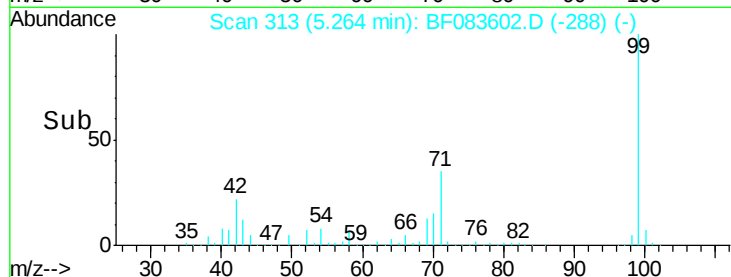
71 34.7 26.6 40.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.53 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.18 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

Tgt Ion: 70 Resp: 133766

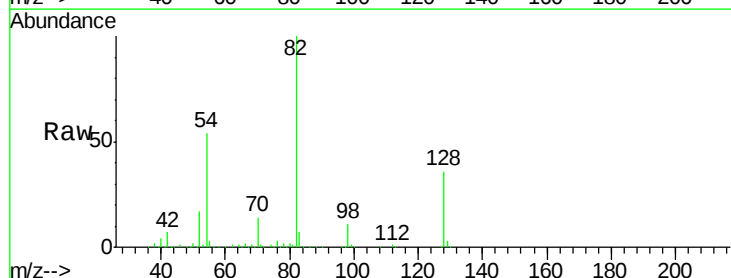
Ion Ratio Lower Upper

70 100

42 51.4 49.2 73.8

101 0.0 7.1 10.7#

130 1.9 15.4 23.0#

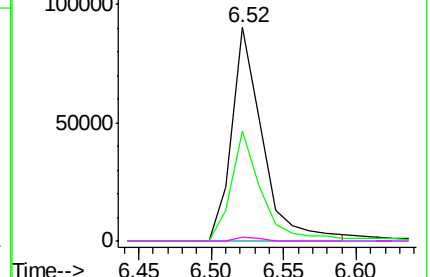
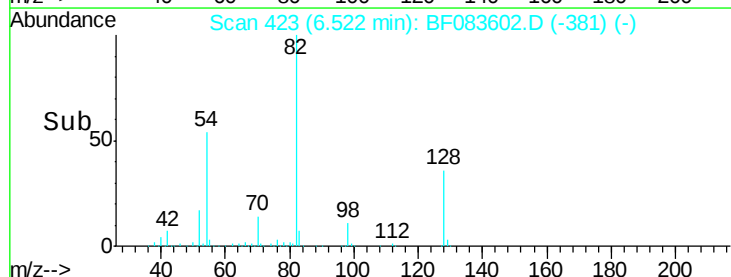


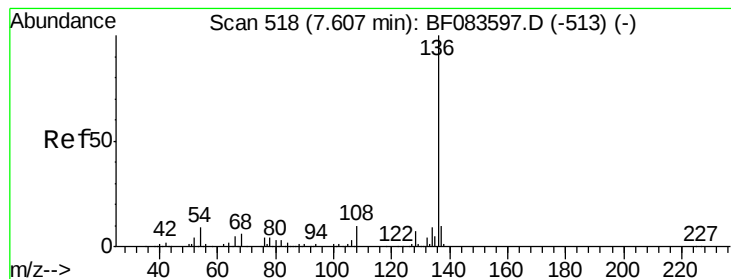
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

Instrument :

BNA_F

ClientSampleId :

PB86955BL

Tgt Ion:136 Resp: 677963

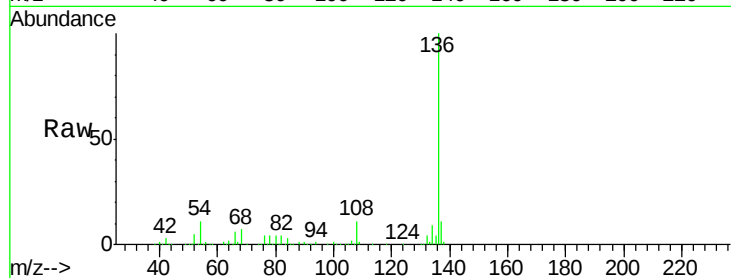
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.6 7.8 11.6

68 7.4 5.7 8.5

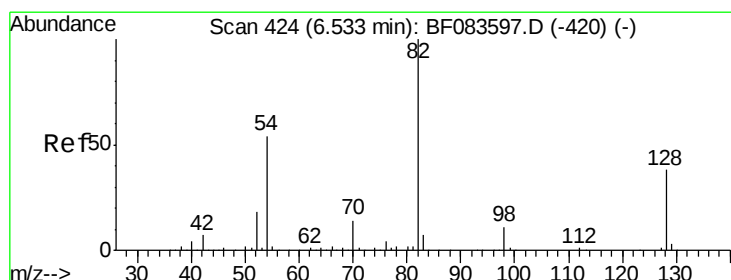
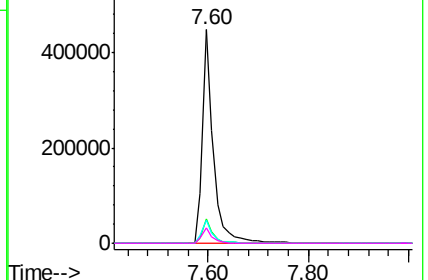
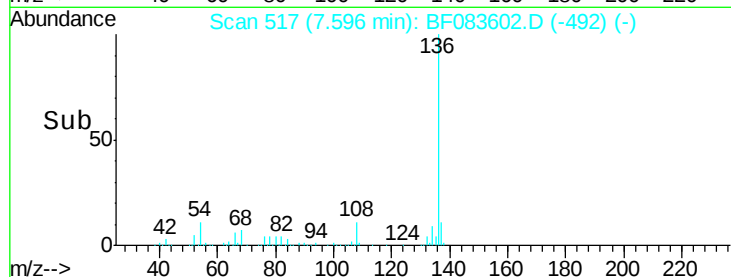


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 73.32 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

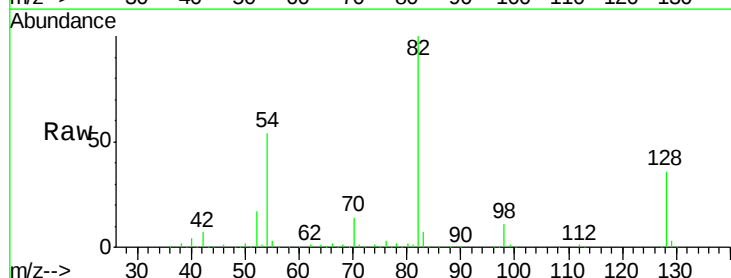
Tgt Ion: 82 Resp: 1065352

Ion Ratio Lower Upper

82 100

128 36.5 30.7 46.1

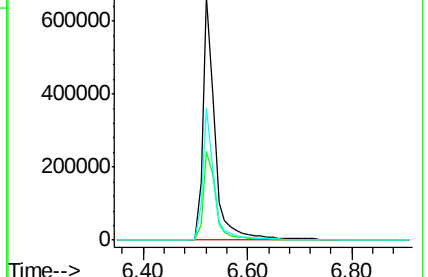
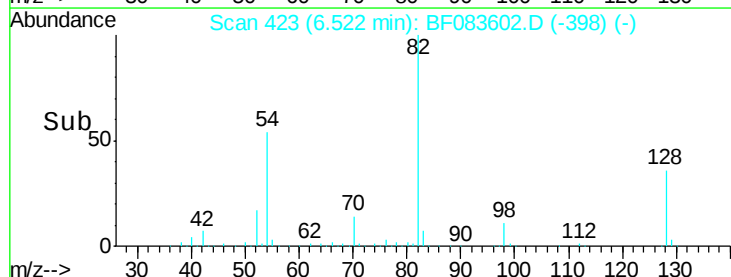
54 54.5 42.5 63.7

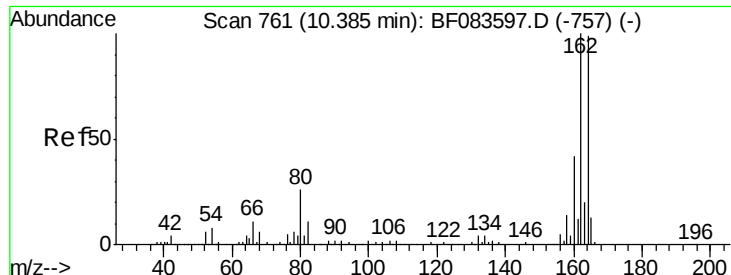


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.38 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

Instrument :

BNA_F

ClientSampleId :

PB86955BL

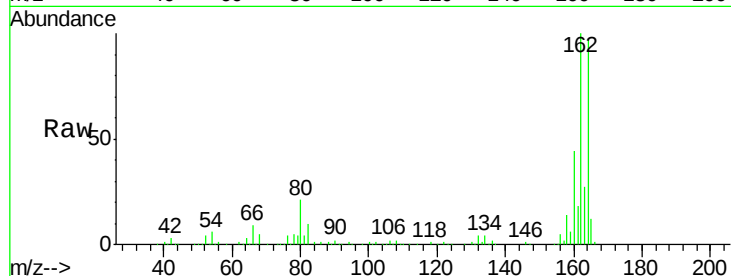
Tgt Ion:164 Resp: 345300

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

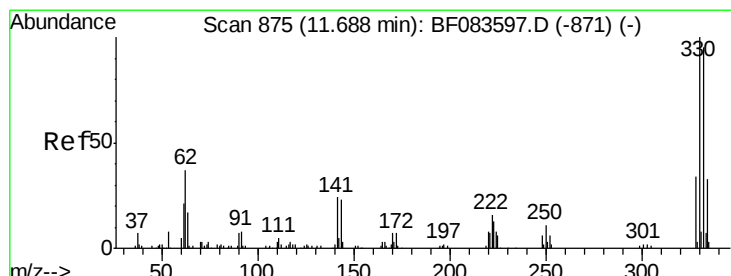
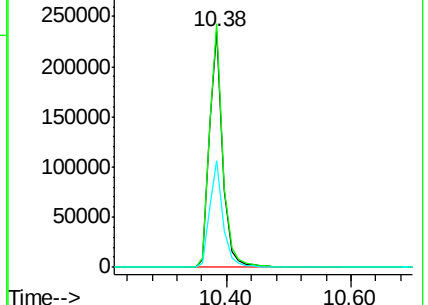
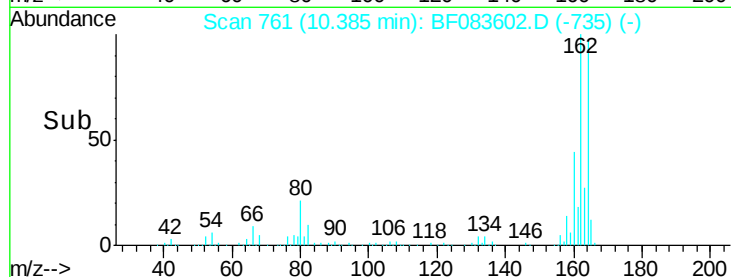
160 45.6 33.4 50.2



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: 111.11 ng

RT: 11.68 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

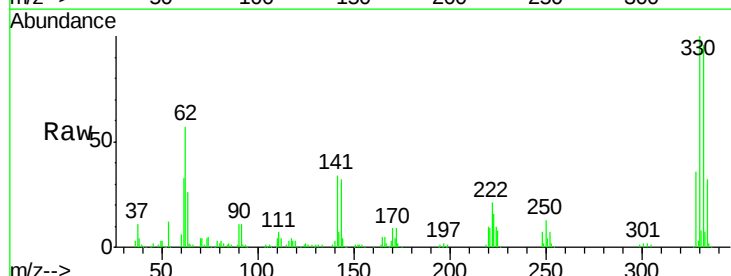
Tgt Ion:330 Resp: 341816

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

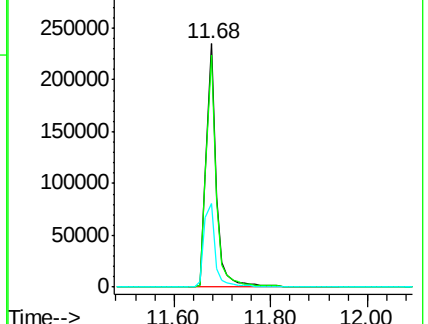
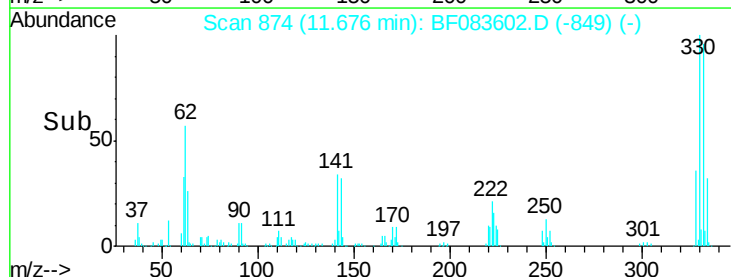
141 38.5 0.0 0.0#

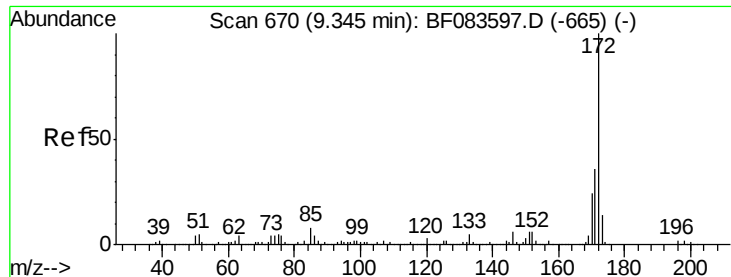


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

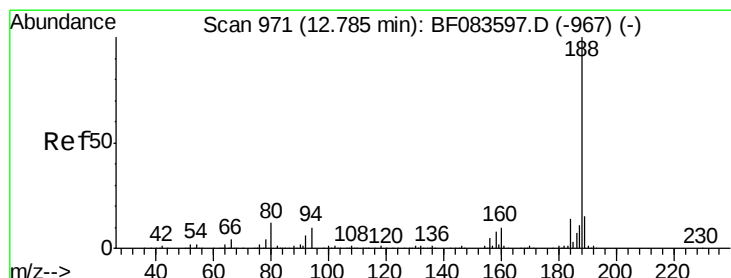
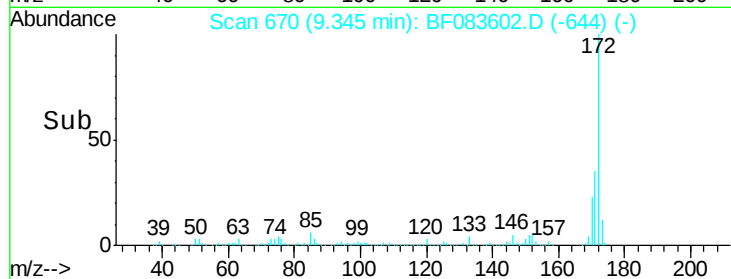
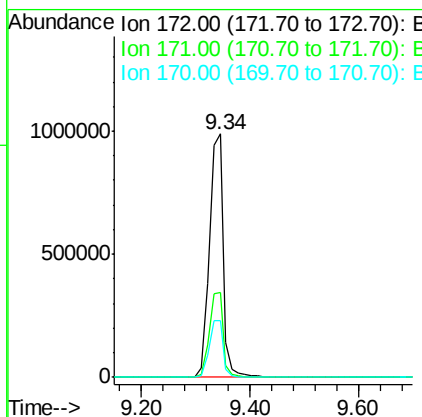
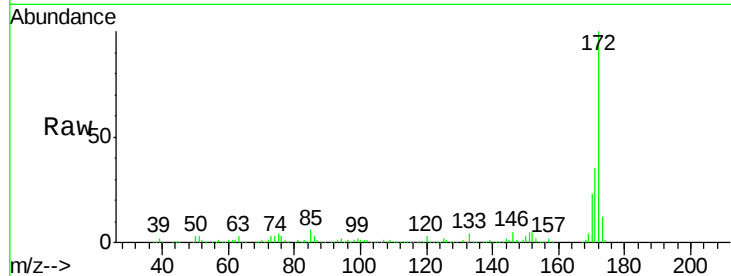




#44
 2-Fluorobiphenyl
 Concen: 72.41 ng
 RT: 9.34 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083602.D
 Acq: 8 Dec 2015 18:51

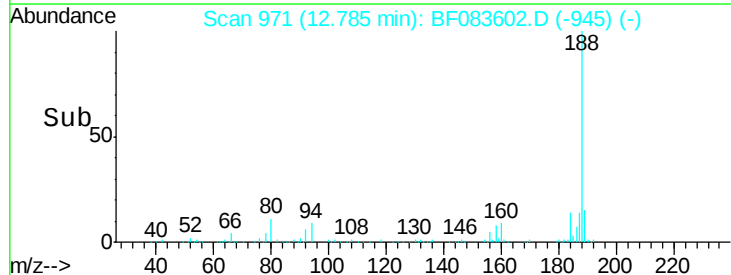
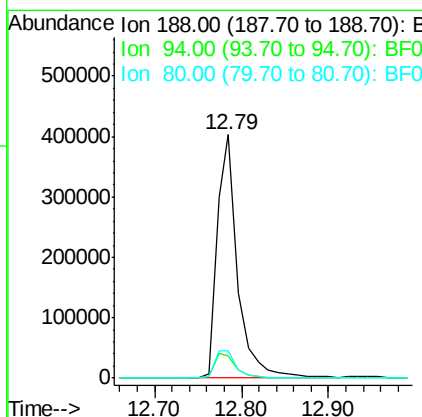
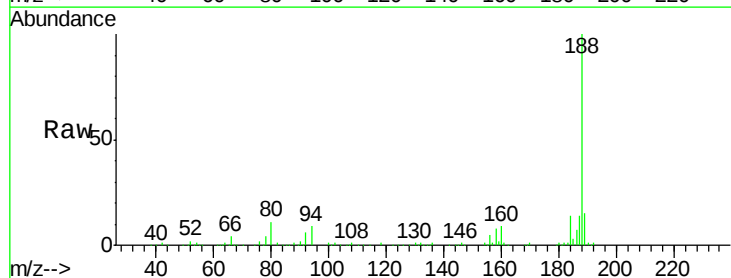
Instrument :
 BNA_F
 ClientSampleId :
 PB86955BL

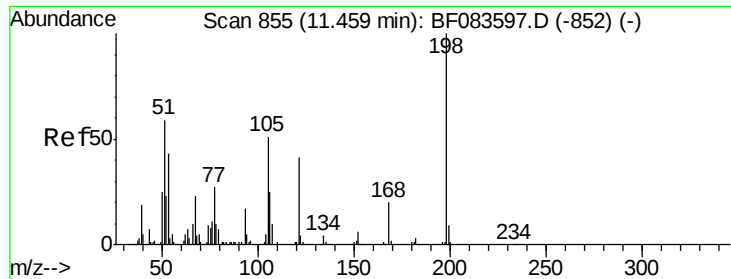
Tgt Ion:172 Resp: 1776473
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.5 19.4 29.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.79 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF083602.D
 Acq: 8 Dec 2015 18:51

Tgt Ion:188 Resp: 665840
 Ion Ratio Lower Upper
 188 100
 94 9.1 9.4 14.2#
 80 11.0 10.6 16.0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.10 ng

RT: 11.68 min Scan# 874

Delta R.T. 0.22 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

Instrument :

BNA_F

ClientSampleId :

PB86955BL

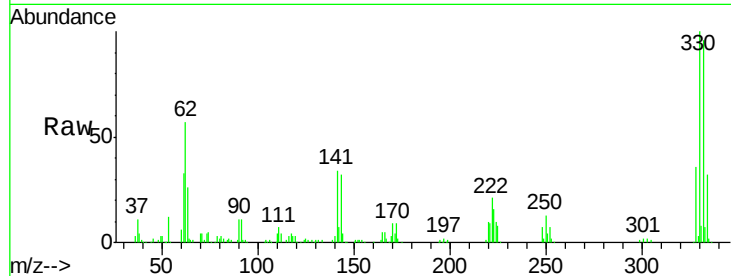
Tgt Ion:198 Resp: 738

Ion Ratio Lower Upper

198 100

51 165.7 53.8 93.8#

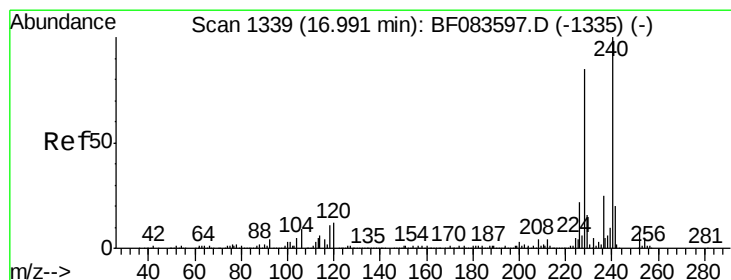
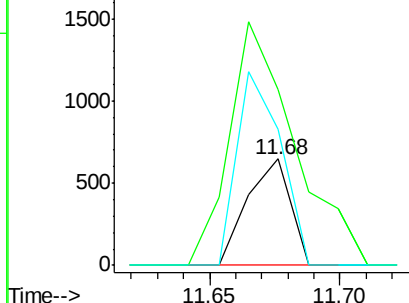
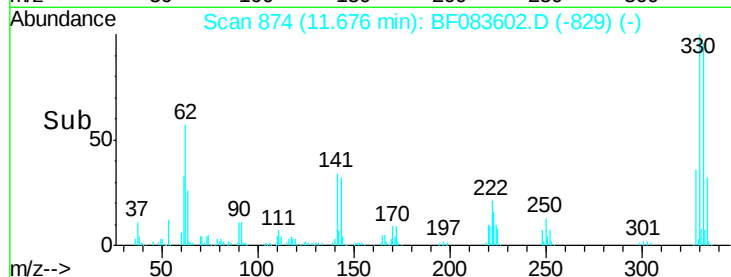
105 128.3 38.6 78.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.99 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

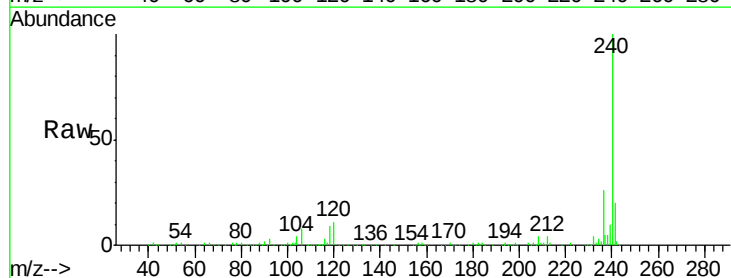
Tgt Ion:240 Resp: 614027

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

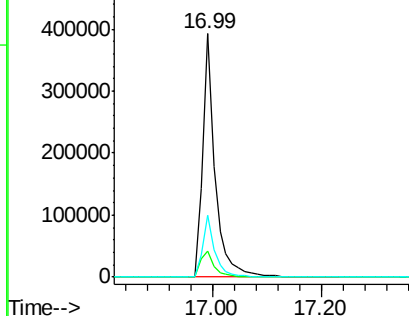
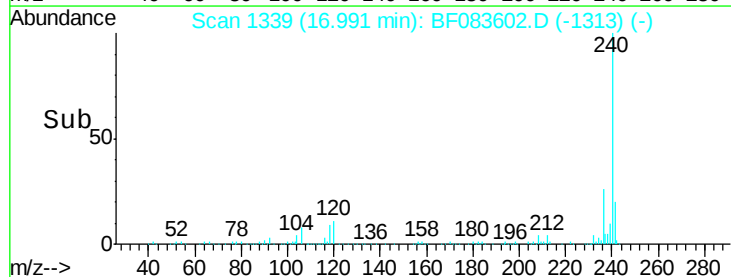
236 25.6 20.8 31.2

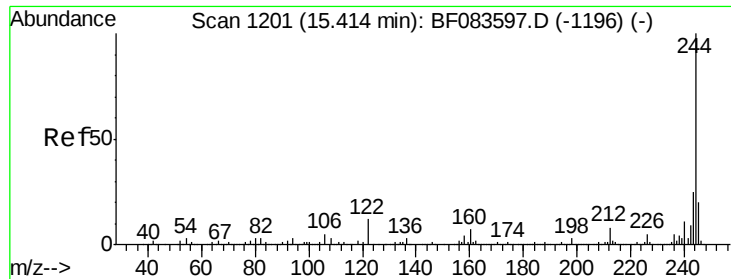


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

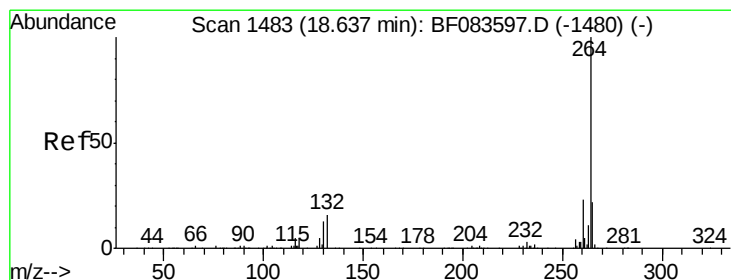
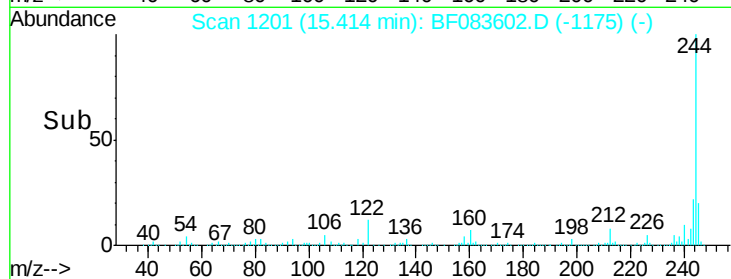
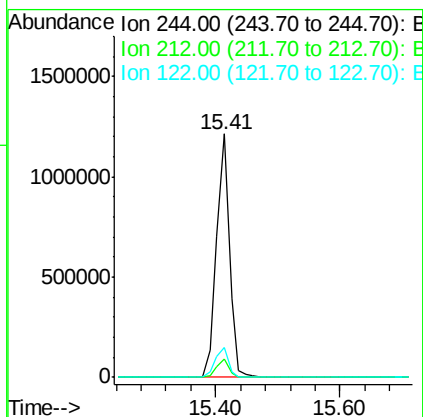
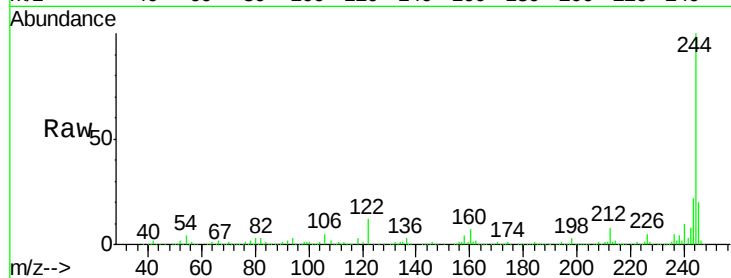




#78
 Terphenyl-d14
 Concen: 66.41 ng
 RT: 15.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF083602.D
 Acq: 8 Dec 2015 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BL

Tgt Ion:244 Resp: 1733027
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.4 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF083602.D
 Acq: 8 Dec 2015 18:51

Tgt Ion:264 Resp: 521968
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.0
 265 20.6 17.8 26.6

