

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088713.D
 Acq On : 5 Jul 2016 20:10
 Operator : UM/SJ
 Sample : PB91742BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91868BL

Quant Time: Jul 06 01:36:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

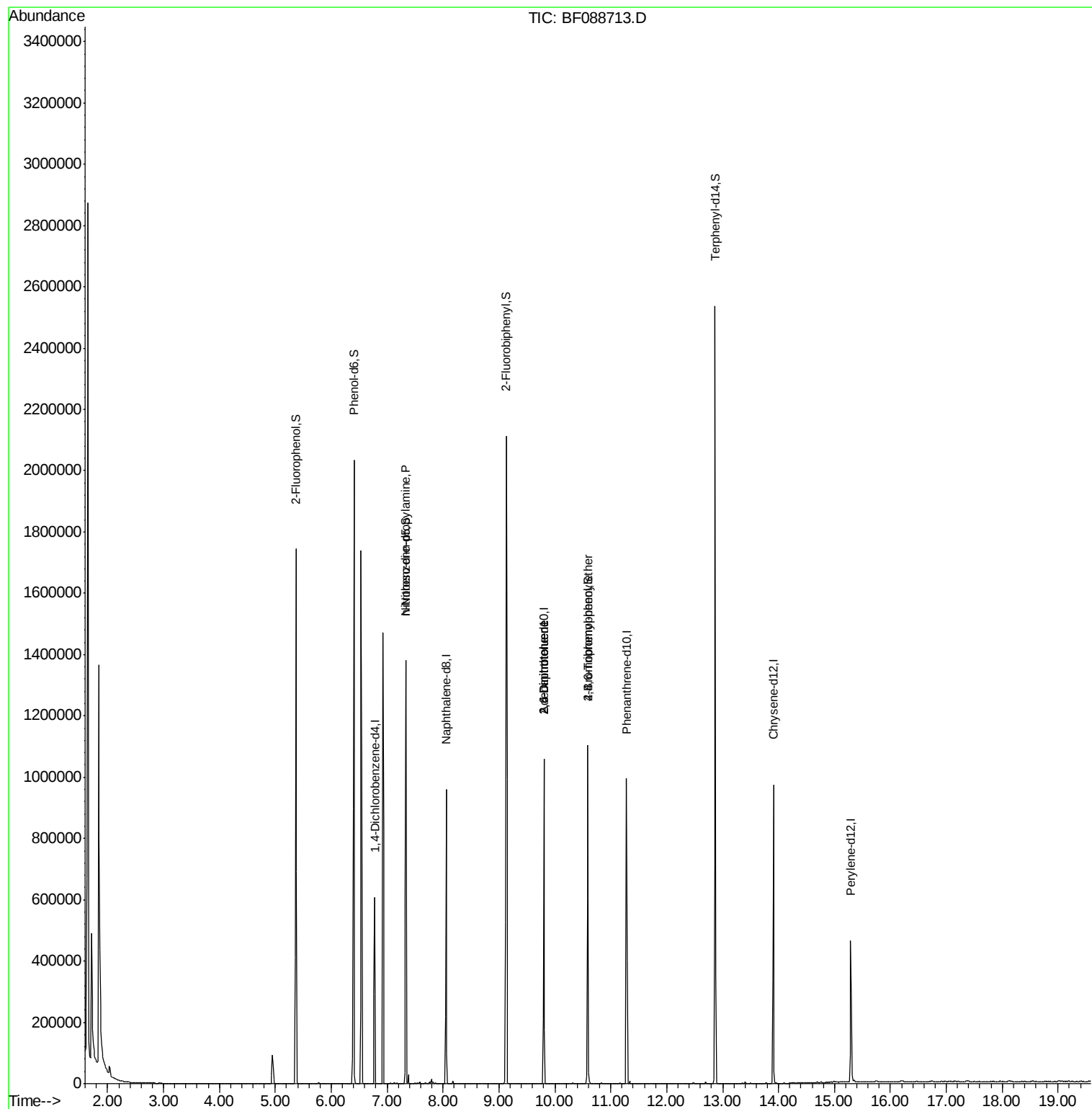
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	103799	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	421564	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	206676	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	390496	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	330312	20.00	ng	-0.01
86) Perylene-d12	15.29	264	218542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	589269	85.08	ng	0.00
7) Phenol-d6	6.41	99	757419	84.64	ng	0.00
23) Nitrobenzene-d5	7.34	82	501827	62.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	152522	79.47	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	847673	64.79	ng	-0.01
78) Terphenyl-d14	12.87	244	781794	52.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	67999	11.31	ng	# 71
50) 2,6-Dinitrotoluene	9.80	165	26132	8.01	ng	# 40
56) 2,4-Dinitrotoluene	9.80	165	26127	6.12	ng	# 38
66) 4-Bromophenyl-phenylether	10.59	248	10312	2.62	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF088713.D

Acq: 5 Jul 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB91868BL

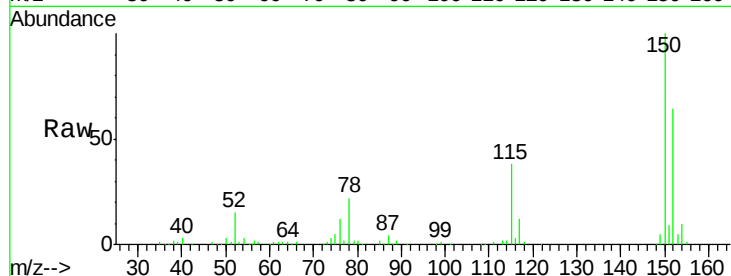
Tgt Ion:152 Resp: 103799

Ion Ratio Lower Upper

152 100

150 155.3 123.8 185.6

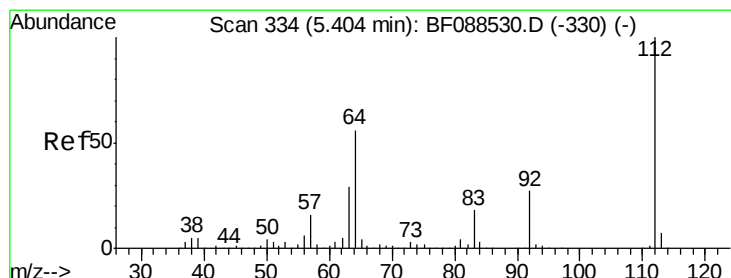
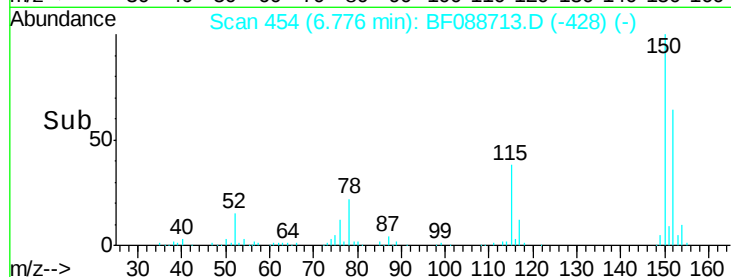
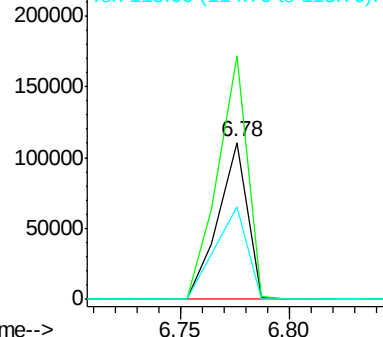
115 58.9 39.6 59.4



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



#5

2-Fluorophenol

Concen: 85.08 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF088713.D

Acq: 5 Jul 2016 20:10

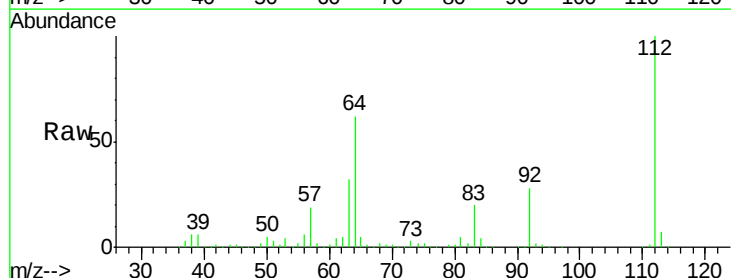
Tgt Ion:112 Resp: 589269

Ion Ratio Lower Upper

112 100

64 61.5 42.2 63.2

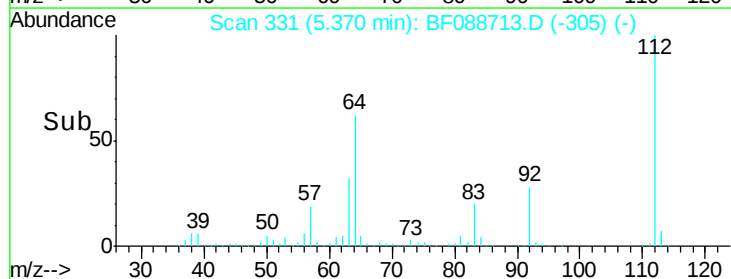
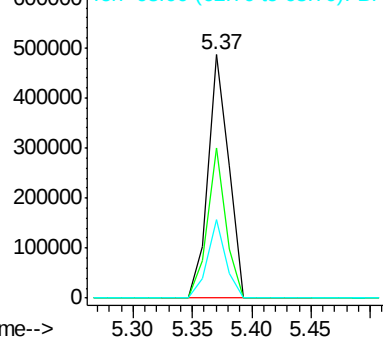
63 32.4 21.8 32.8



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: 84.64 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF088713.D

Acq: 5 Jul 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB91868BL

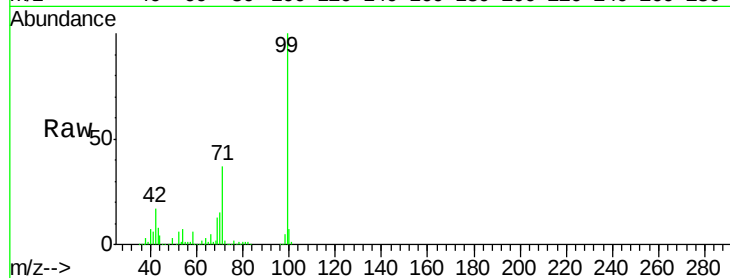
Tgt Ion: 99 Resp: 757419

Ion Ratio Lower Upper

99 100

42 17.2 12.2 18.2

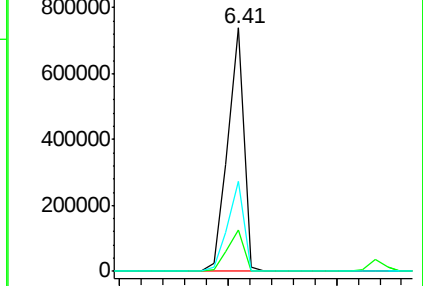
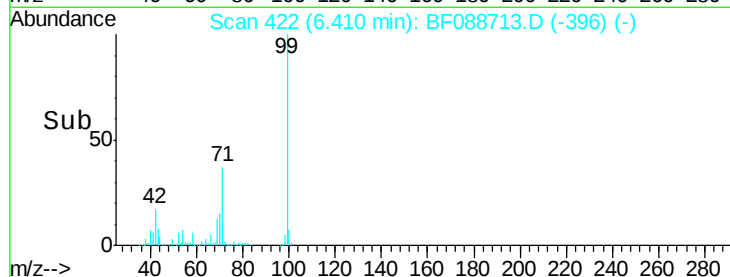
71 36.9 23.4 35.0#



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: 11.31 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.14 min

Lab File: BF088713.D

Acq: 5 Jul 2016 20:10

Tgt Ion: 70 Resp: 67999

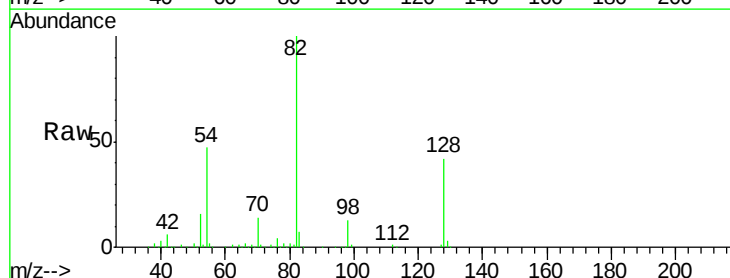
Ion Ratio Lower Upper

70 100

42 41.8 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

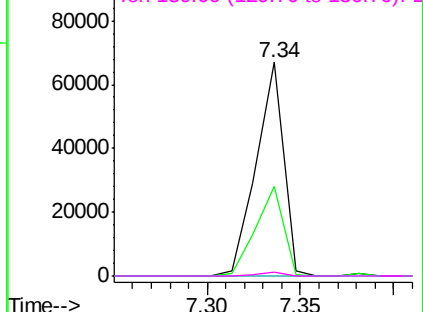
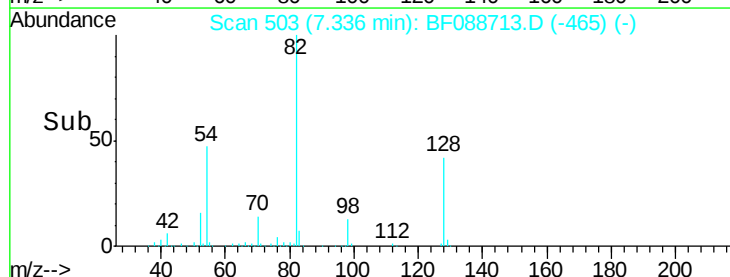


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088713.D

Acq: 5 Jul 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB91868BL

Tgt Ion:136 Resp: 421564

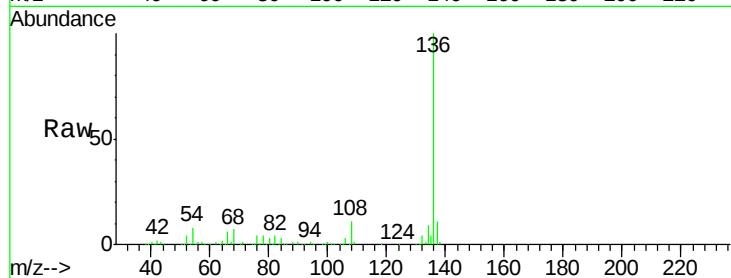
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.0 6.6 10.0

68 6.6 5.1 7.7

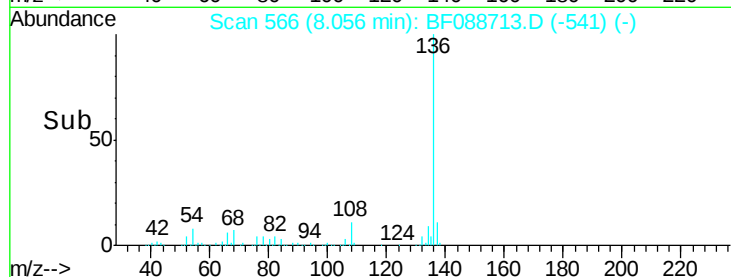


Abundance Ion 136.00 (135.70 to 136.70): E

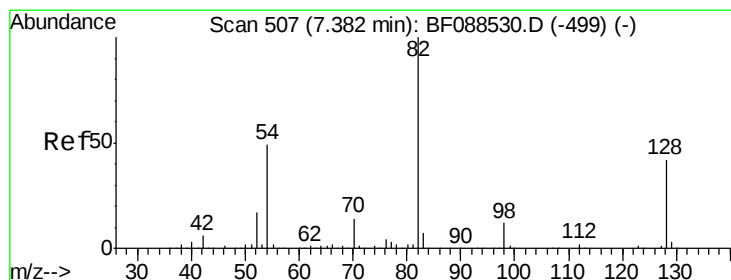
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 62.38 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF088713.D

Acq: 5 Jul 2016 20:10

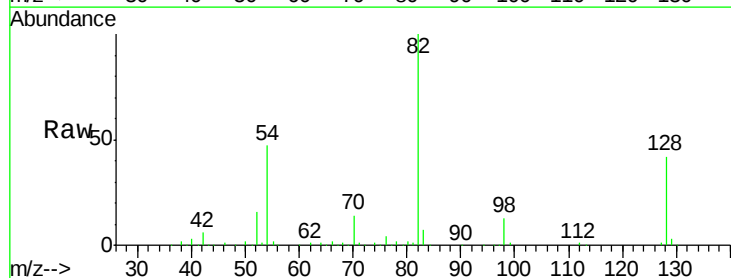
Tgt Ion: 82 Resp: 501827

Ion Ratio Lower Upper

82 100

128 42.1 35.9 53.9

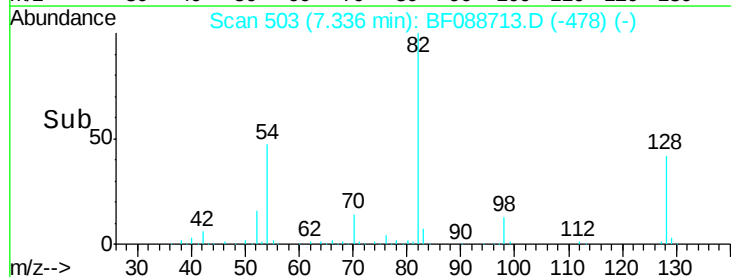
54 46.6 40.9 61.3



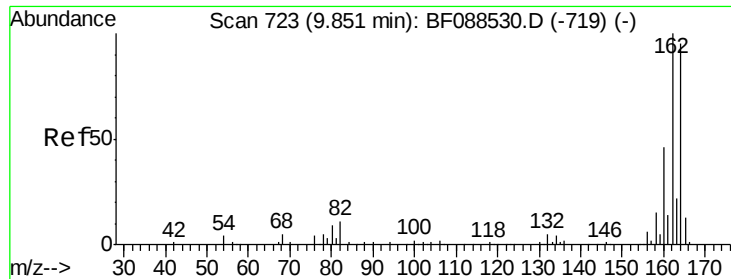
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF088713.D

Acq: 5 Jul 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB91868BL

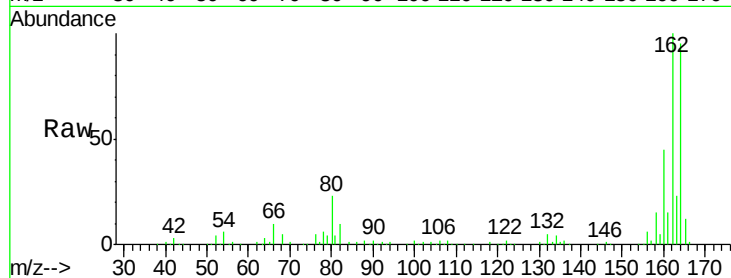
Tgt Ion:164 Resp: 206676

Ion Ratio Lower Upper

164 100

162 104.8 85.4 128.2

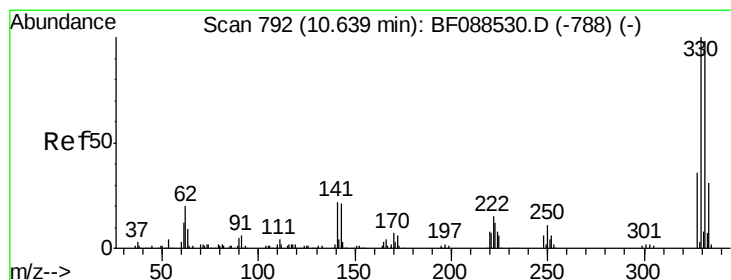
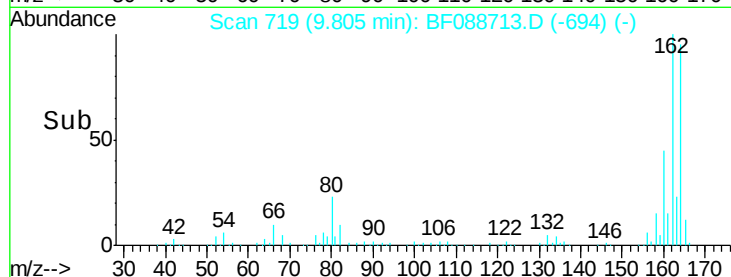
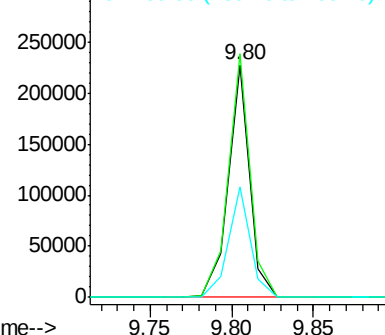
160 47.4 39.5 59.3



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: 79.47 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF088713.D

Acq: 5 Jul 2016 20:10

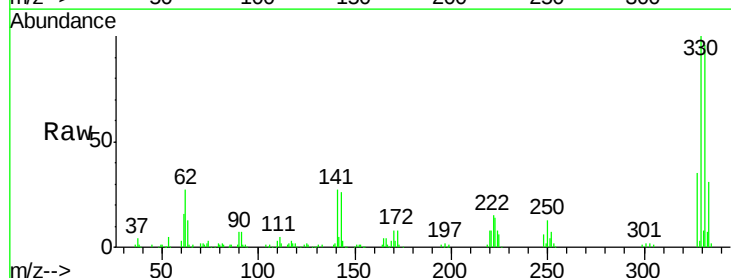
Tgt Ion:330 Resp: 152522

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

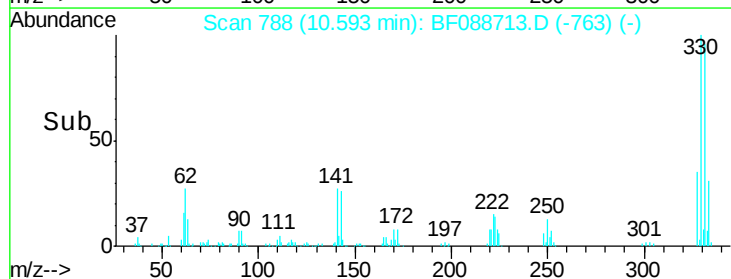
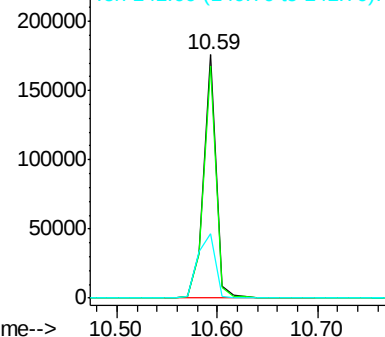
141 37.8 0.0 0.0#



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

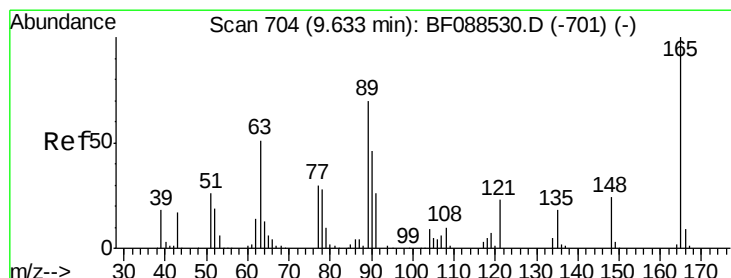
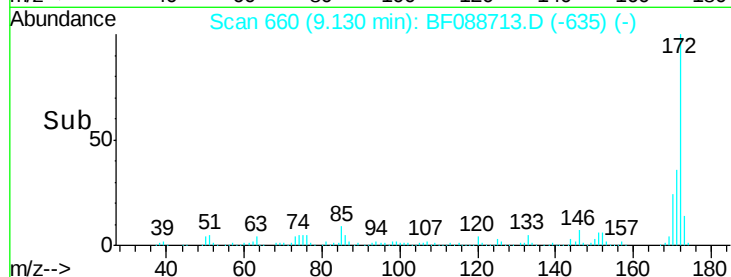
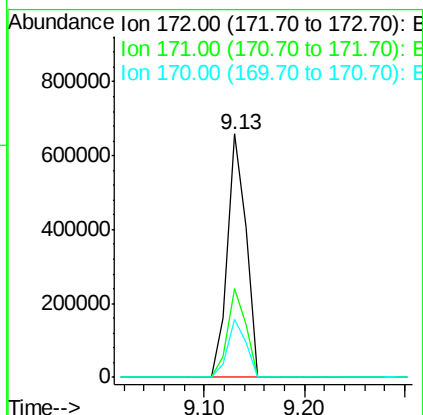
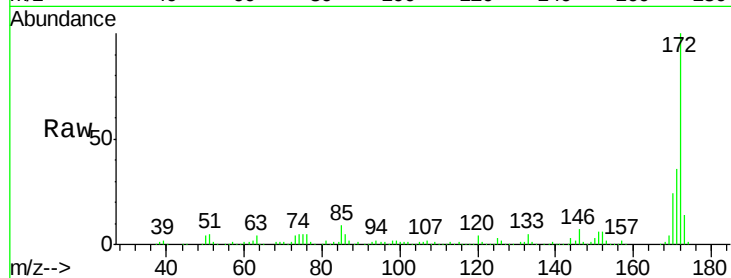




#44
 2-Fluorobiphenyl
 Concen: 64.79 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF088713.D
 Acq: 5 Jul 2016 20:10

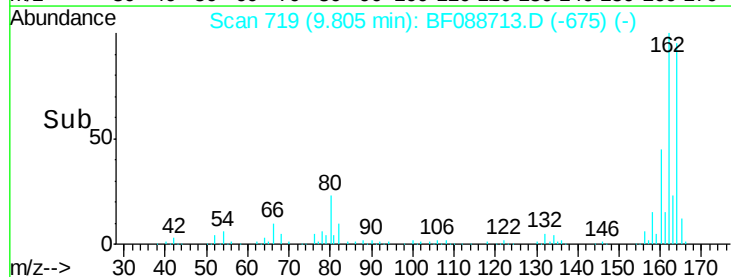
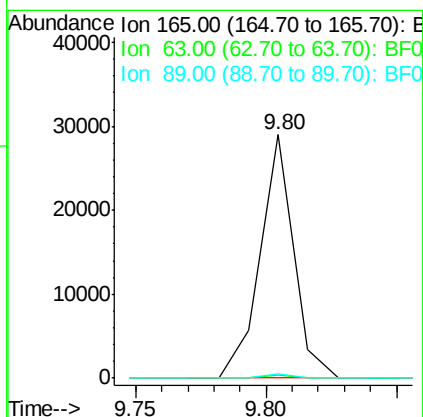
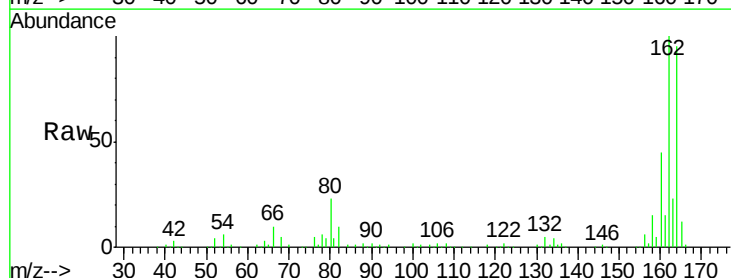
Instrument :
 BNA_F
 ClientSampleId :
 PB91868BL

Tgt Ion:172 Resp: 847673
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.0 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 8.01 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.21 min
 Lab File: BF088713.D
 Acq: 5 Jul 2016 20:10

Tgt Ion:165 Resp: 26132
 Ion Ratio Lower Upper
 165 100
 63 1.5 28.1 42.1#
 89 1.6 32.2 48.2#

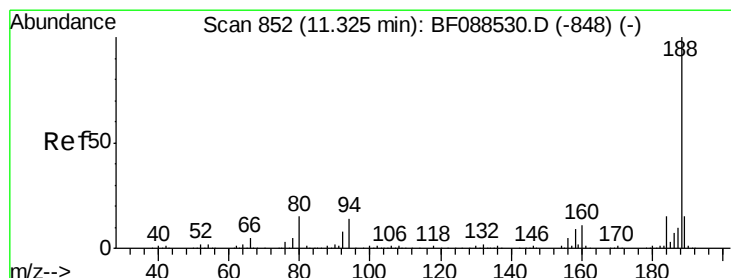
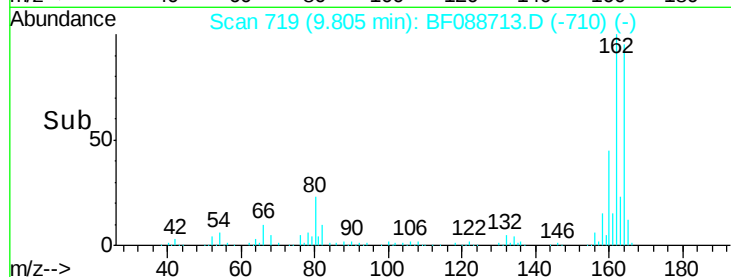
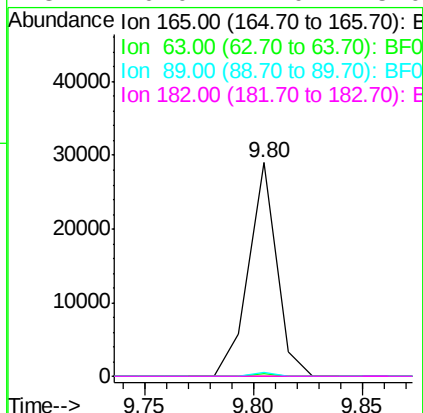
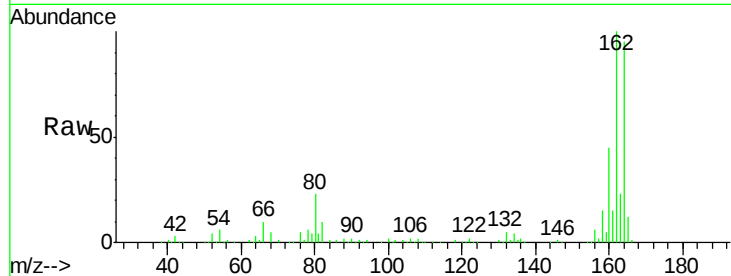




#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.19 min
 Lab File: BF088713.D
 Acq: 5 Jul 2016 20:10

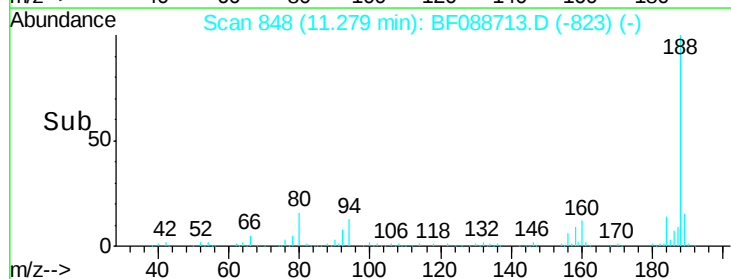
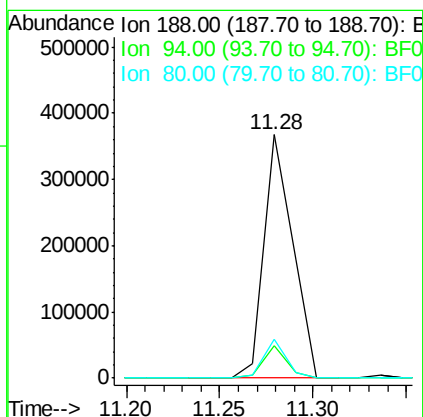
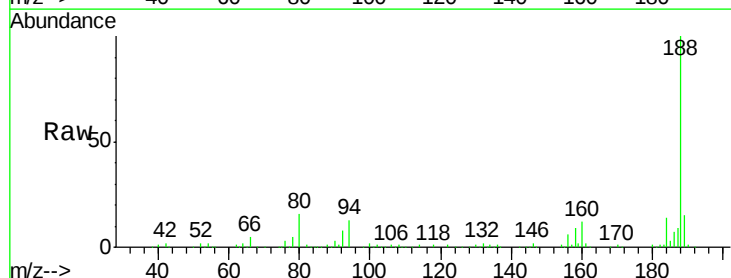
Instrument :
 BNA_F
 ClientSampleId :
 PB91868BL

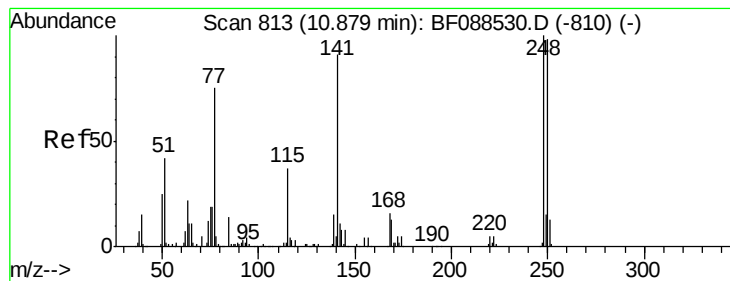
Tgt Ion:	165	Resp:	26127
Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF088713.D
 Acq: 5 Jul 2016 20:10

Tgt Ion:	188	Resp:	390496
Ion	Ratio	Lower	Upper
188	100		
94	13.4	9.0	13.6
80	15.7	10.0	15.0#





#66

4-Bromophenyl-phenylether

Concen: 2.62 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.25 min

Lab File: BF088713.D

Acq: 5 Jul 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB91868BL

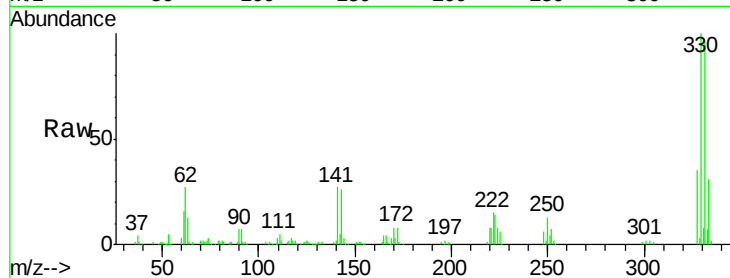
Tgt Ion:248 Resp: 10312

Ion Ratio Lower Upper

248 100

250 201.1 77.1 115.7#

141 427.2 50.6 76.0#

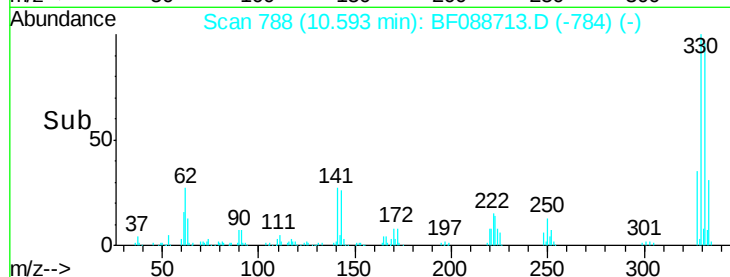


Abundance Ion 248.00 (247.70 to 248.70): E

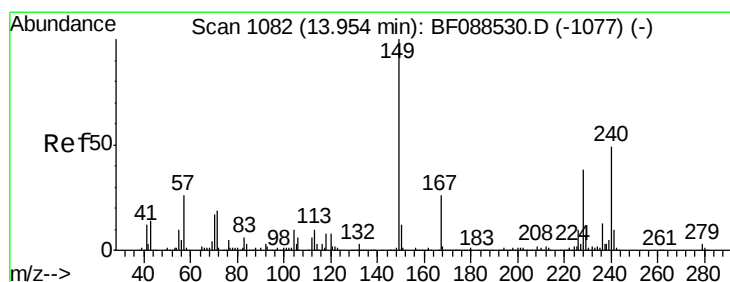
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF088713.D

Acq: 5 Jul 2016 20:10

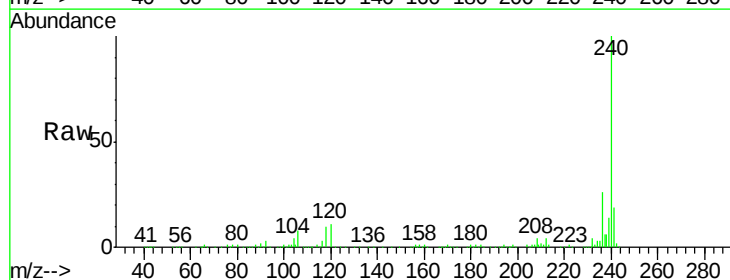
Tgt Ion:240 Resp: 330312

Ion Ratio Lower Upper

240 100

120 10.8 6.8 10.2#

236 26.4 20.2 30.2

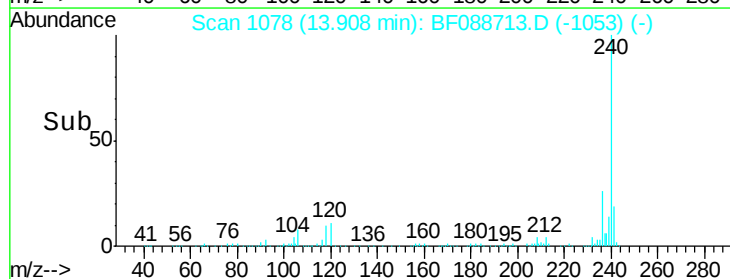


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



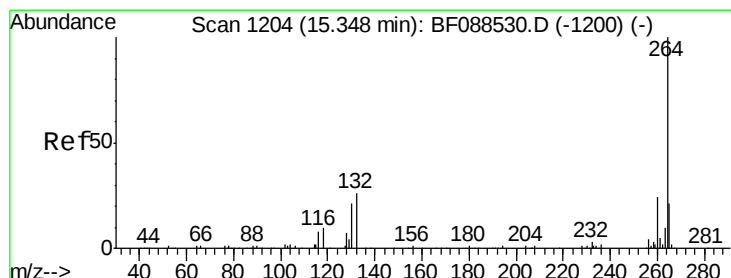
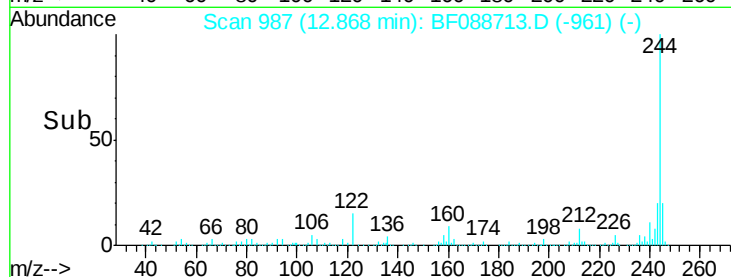
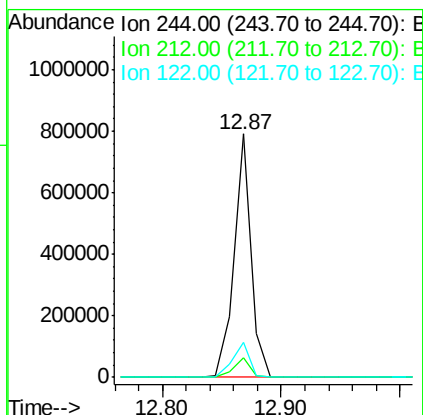
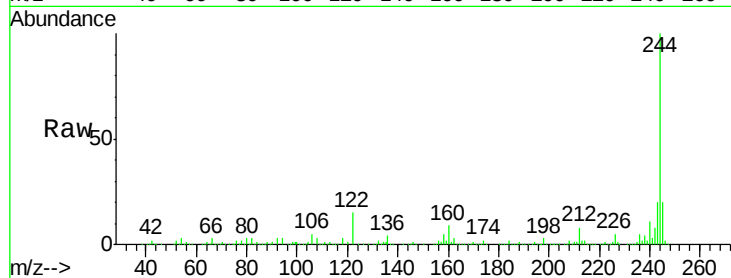
Time-->



#78
 Terphenyl-d14
 Concen: 52.72 ng
 RT: 12.87 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF088713.D
 Acq: 5 Jul 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91868BL

Tgt Ion: 244 Resp: 781794
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 14.5 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF088713.D
 Acq: 5 Jul 2016 20:10

Tgt Ion: 264 Resp: 218542
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 16.9 25.3

