

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088820.D
 Acq On : 8 Jul 2016 12:35
 Operator : UM/SJ
 Sample : PB91761TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91761TB

Quant Time: Jul 08 18:54:31 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

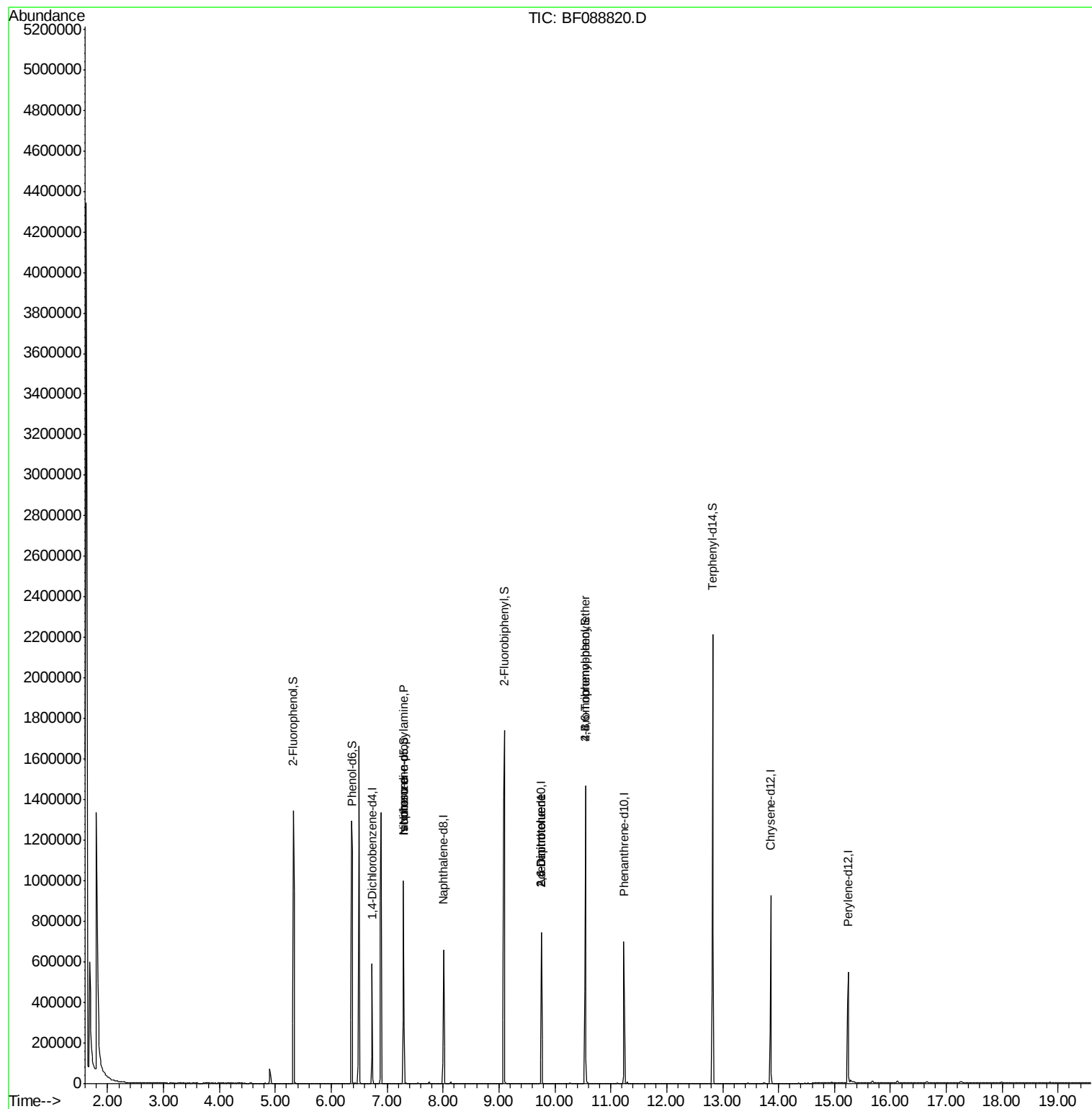
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	84126	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	323624	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	153659	20.00	ng	-0.06
63) Phenanthrene-d10	11.23	188	309112	20.00	ng	-0.06
75) Chrysene-d12	13.86	240	299600	20.00	ng	-0.06
86) Perylene-d12	15.25	264	266788	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	539238	96.07	ng	-0.05
7) Phenol-d6	6.38	99	729580	100.59	ng	-0.03
23) Nitrobenzene-d5	7.29	82	392198	63.51	ng	-0.06
41) 2,4,6-Tribromophenol	10.55	330	158775	111.27	ng	-0.06
44) 2-Fluorobiphenyl	9.10	172	820581	84.35	ng	-0.05
78) Terphenyl-d14	12.82	244	761333	56.60	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	52402	10.76	ng	# 72
25) Isophorone	7.29	82	312753	27.34	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	19684	8.11	ng	# 40
56) 2,4-Dinitrotoluene	9.76	165	19685	6.21	ng	# 38
66) 4-Bromophenyl-phenylether	10.55	248	11181	3.59	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: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

Instrument :

BNA_F

ClientSampled :

PB91761TB

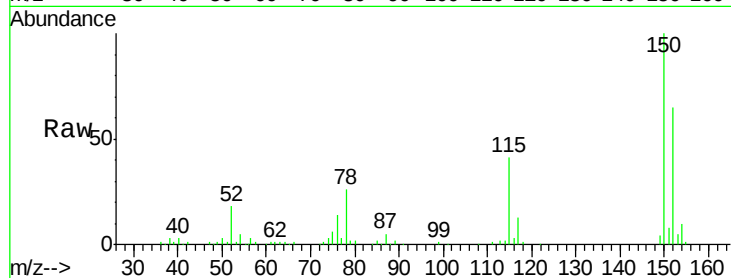
Tgt Ion:152 Resp: 84126

Ion Ratio Lower Upper

152 100

150 154.8 123.8 185.6

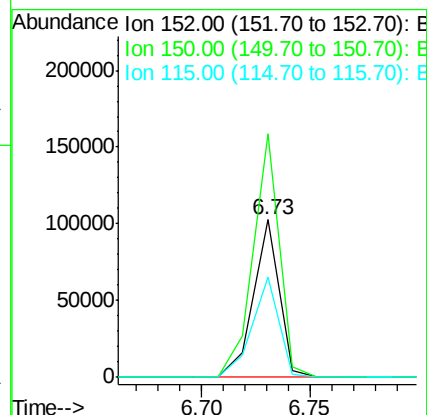
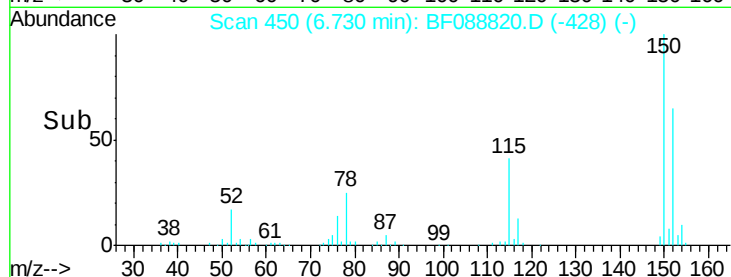
115 63.9 39.6 59.4#



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: 96.07 ng

RT: 5.32 min Scan# 327

Delta R.T. -0.05 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

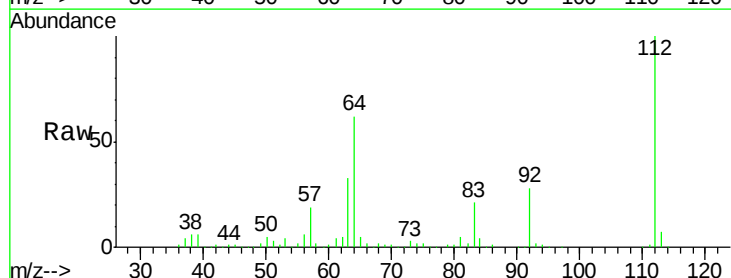
Tgt Ion:112 Resp: 539238

Ion Ratio Lower Upper

112 100

64 61.6 42.2 63.2

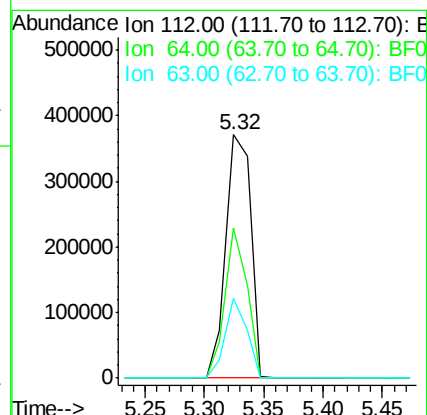
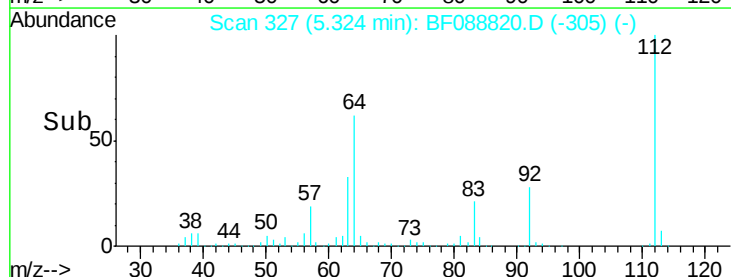
63 32.7 21.8 32.8



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: 100.59 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

Instrument :

BNA_F

ClientSampleId :

PB91761TB

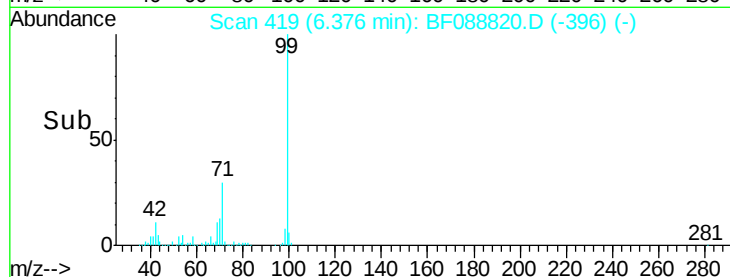
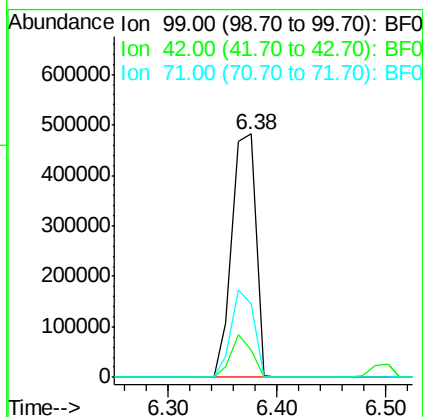
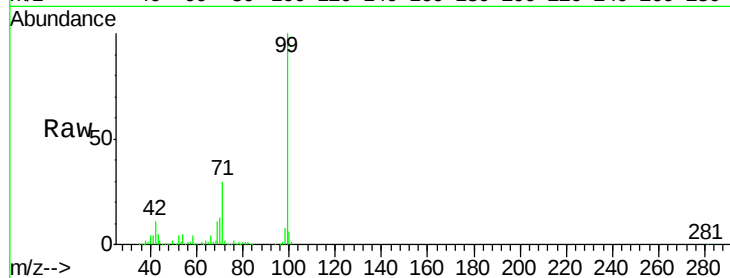
Tgt Ion: 99 Resp: 729580

Ion Ratio Lower Upper

99 100

42 11.0 12.2 18.2#

71 29.9 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.76 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.09 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

Tgt Ion: 70 Resp: 52402

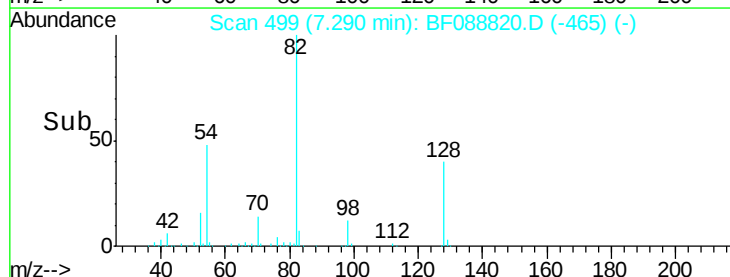
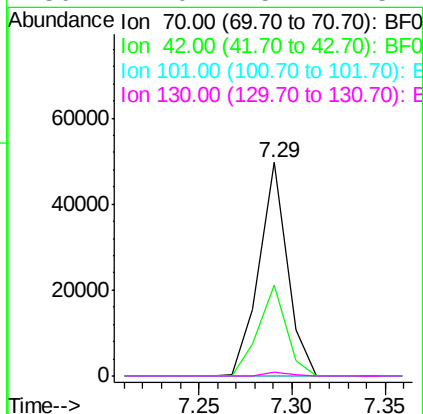
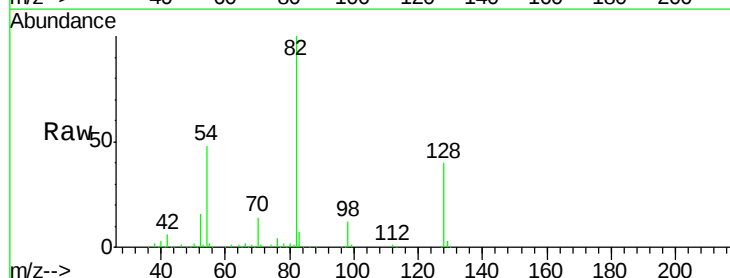
Ion Ratio Lower Upper

70 100

42 42.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.06 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

Instrument :

BNA_F

ClientSampleID :

PB91761TB

Tgt Ion:136 Resp: 323624

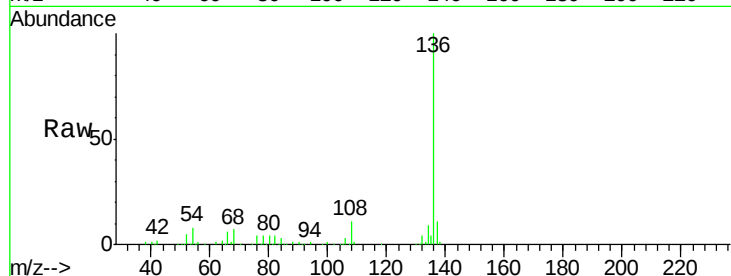
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.0 6.6 10.0

68 6.5 5.1 7.7

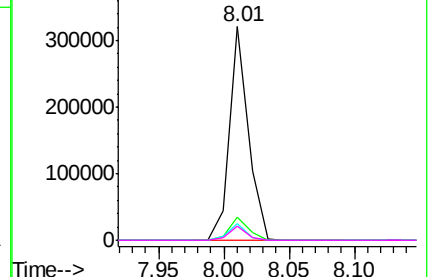
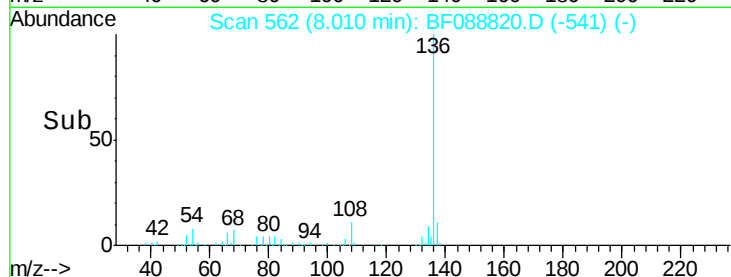


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 63.51 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

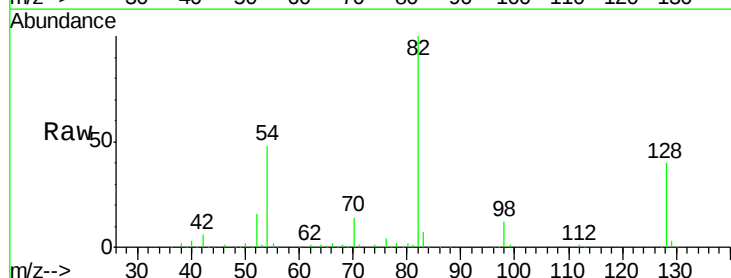
Tgt Ion: 82 Resp: 392198

Ion Ratio Lower Upper

82 100

128 40.1 35.9 53.9

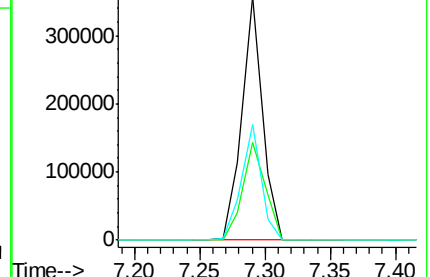
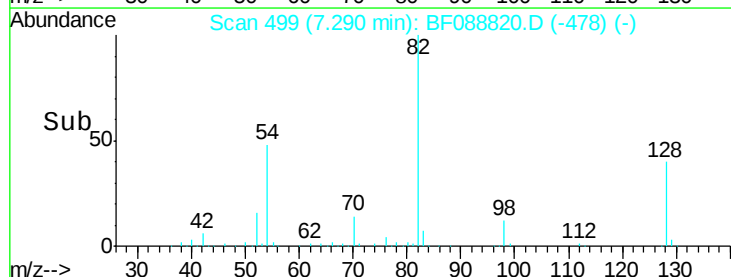
54 47.7 40.9 61.3

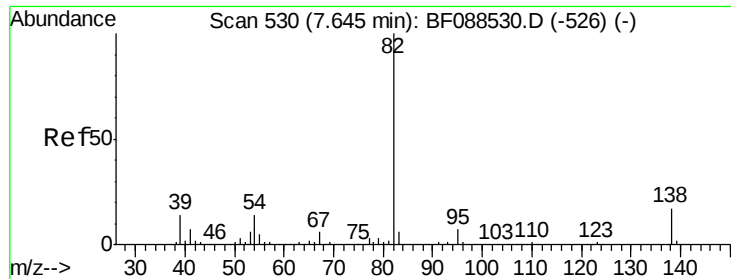


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 27.34 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.32 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

Instrument :

BNA_F

ClientSampleID :

PB91761TB

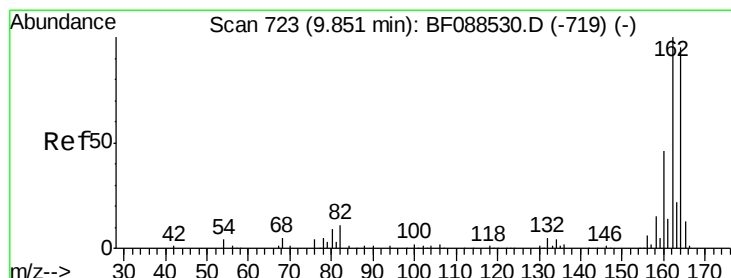
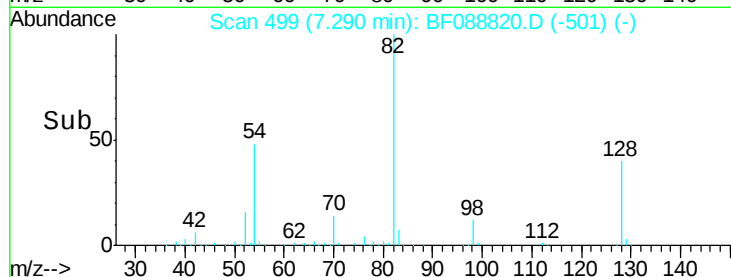
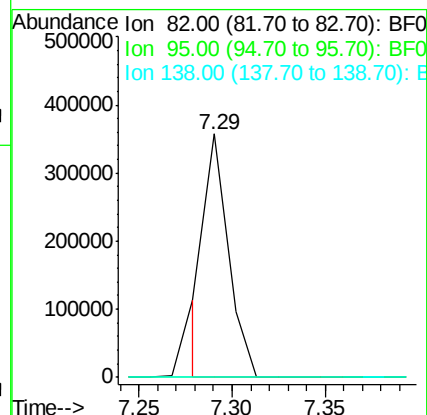
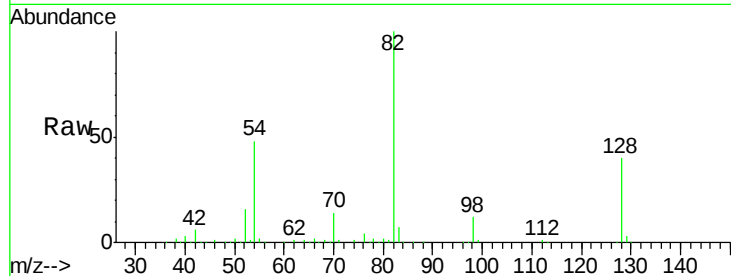
Tgt Ion: 82 Resp: 312753

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.06 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

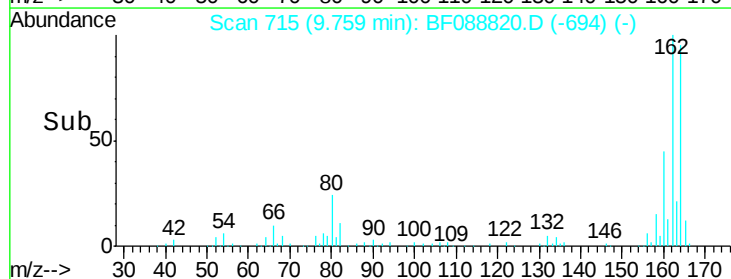
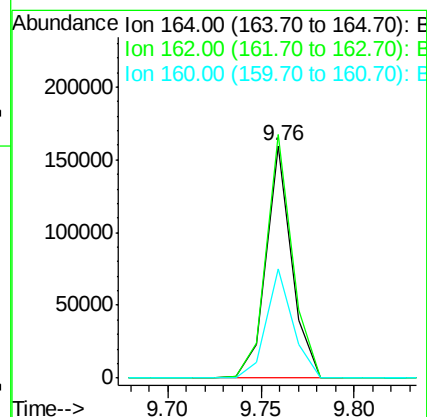
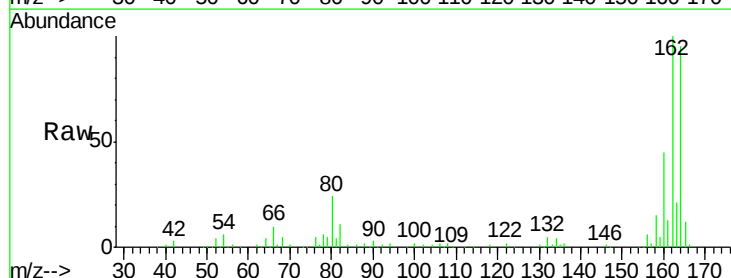
Tgt Ion: 164 Resp: 153659

Ion Ratio Lower Upper

164 100

162 104.8 85.4 128.2

160 47.2 39.5 59.3

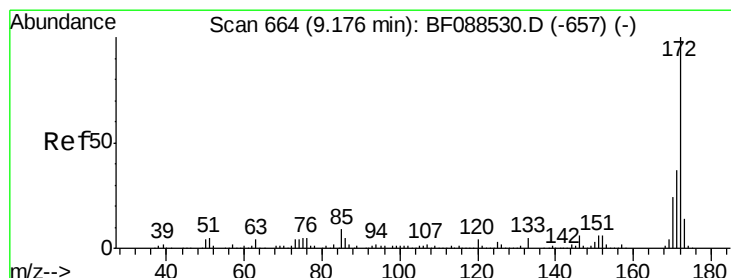
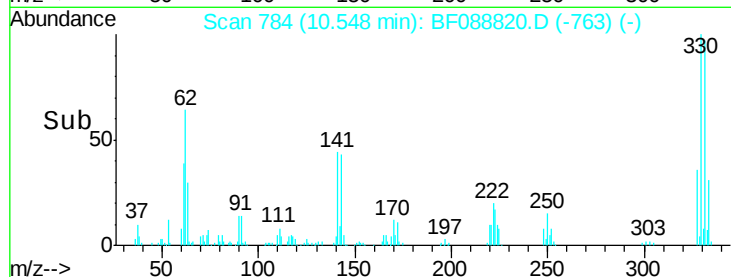
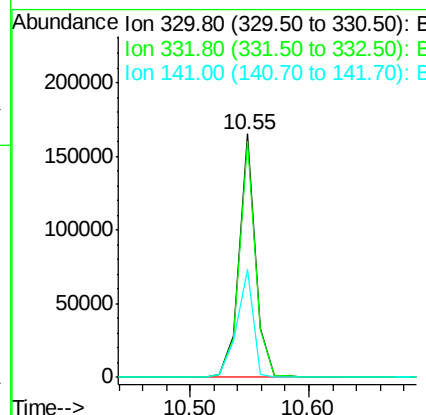
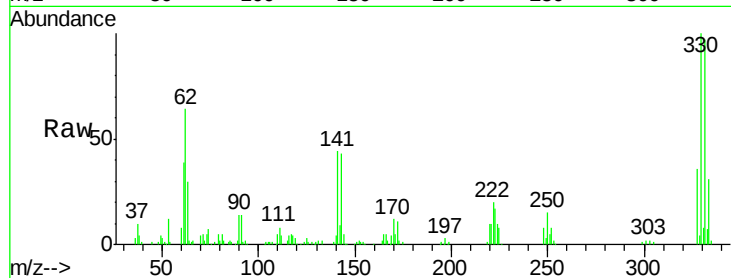




#41
 2,4,6-Tribromophenol
 Concen: 111.27 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.06 min
 Lab File: BF088820.D
 Acq: 8 Jul 2016 12:35

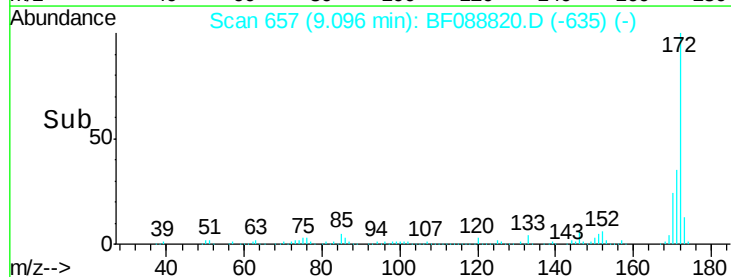
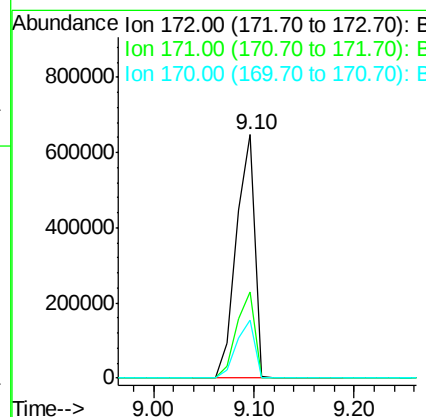
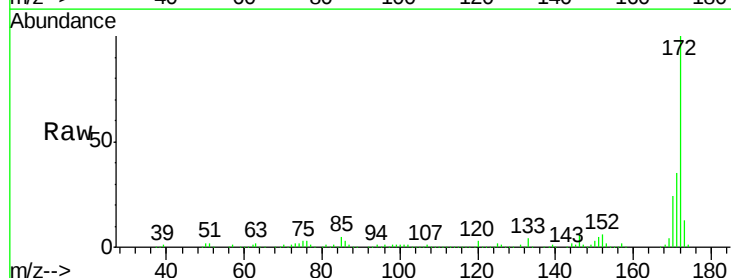
Instrument :
 BNA_F
 ClientSampleId :
 PB91761TB

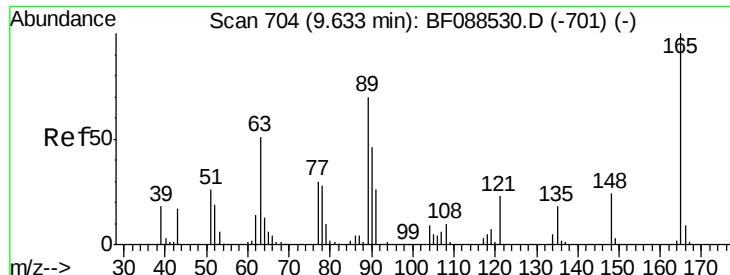
Tgt Ion:330 Resp: 158775
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 44.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.35 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.05 min
 Lab File: BF088820.D
 Acq: 8 Jul 2016 12:35

Tgt Ion:172 Resp: 820581
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.6 19.2 28.8

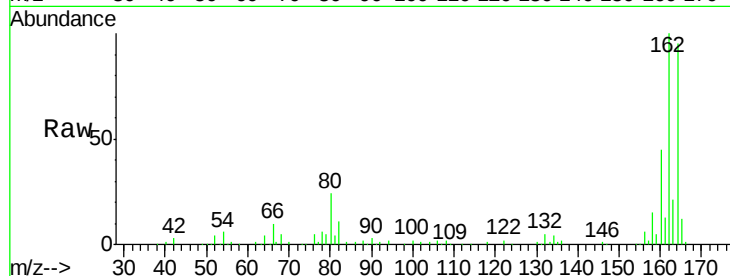




#50
 2,6-Dinitrotoluene
 Concen: 8.11 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.16 min
 Lab File: BF088820.D
 Acq: 8 Jul 2016 12:35

Instrument :
 BNA_F
 ClientSampleID :
 PB91761TB

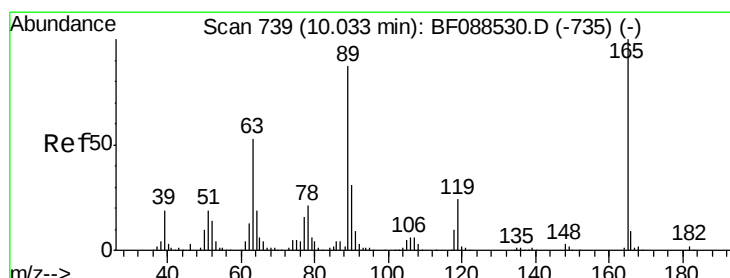
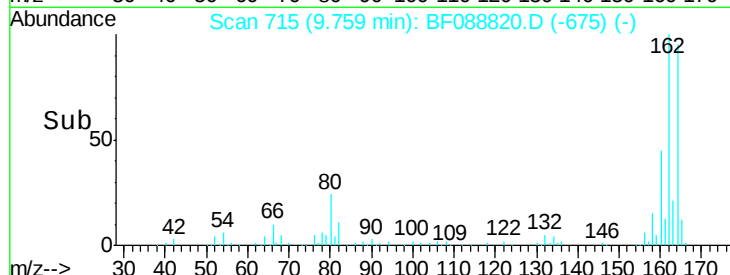
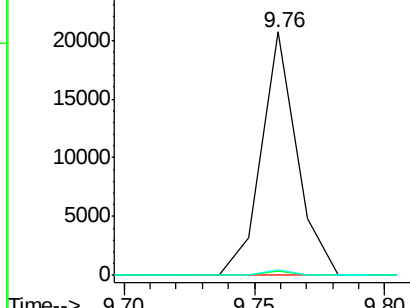
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	28.1	42.1#
89	2.1	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.24 min
 Lab File: BF088820.D
 Acq: 8 Jul 2016 12:35

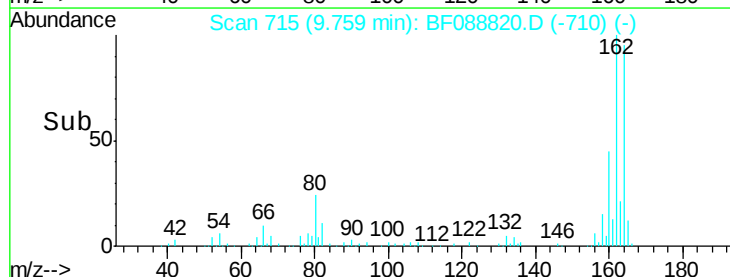
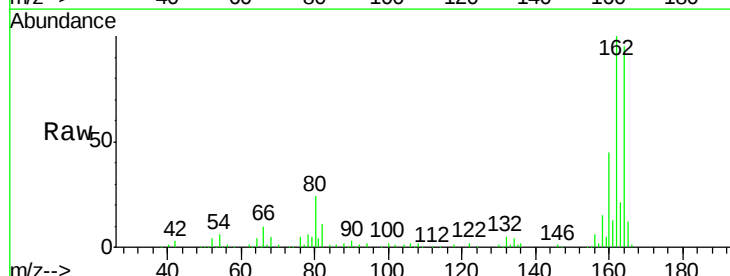
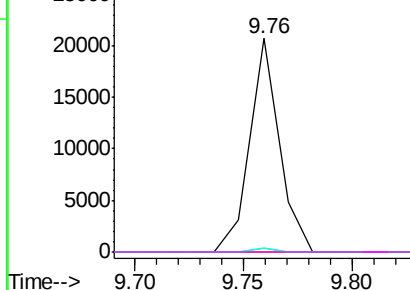
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	2.1	41.1	61.7#
182	0.0	2.0	3.0#

Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

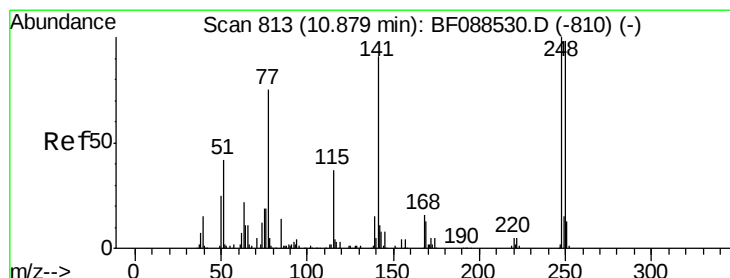
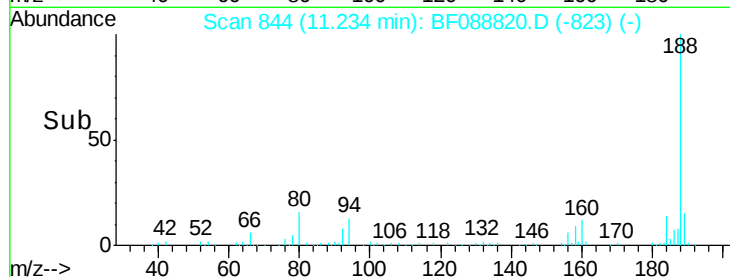
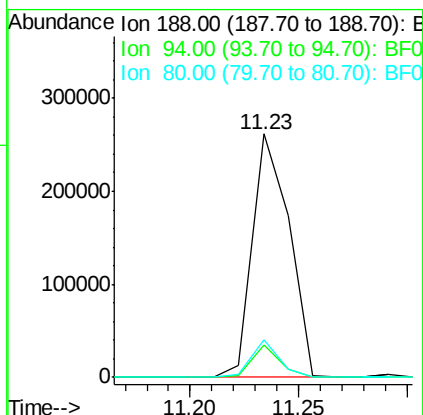
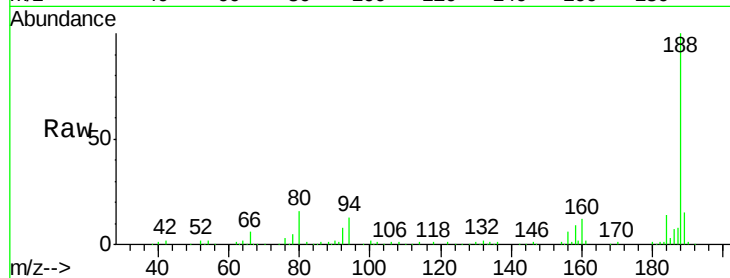




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.06 min
 Lab File: BF088820.D
 Acq: 8 Jul 2016 12:35

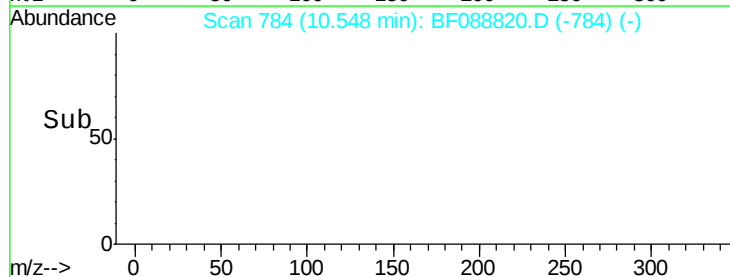
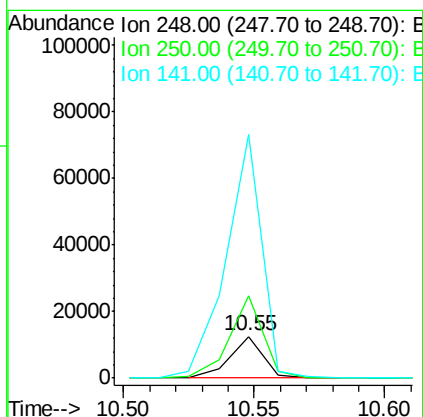
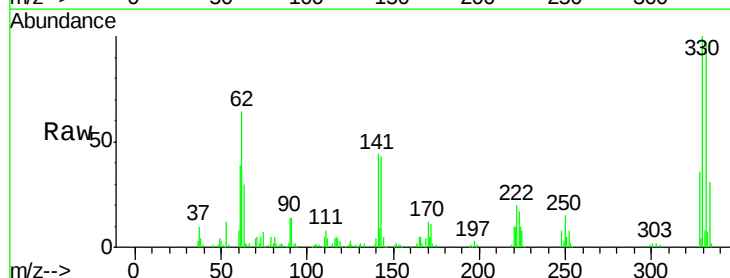
Instrument :
 BNA_F
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 PB91761TB

Tgt Ion:188 Resp: 309112
 Ion Ratio Lower Upper
 188 100
 94 13.2 9.0 13.6
 80 15.6 10.0 15.0#



#66
 4-Bromophenyl-phenylether
 Concen: 3.59 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.30 min
 Lab File: BF088820.D
 Acq: 8 Jul 2016 12:35

Tgt Ion:248 Resp: 11181
 Ion Ratio Lower Upper
 248 100
 250 197.0 77.1 115.7#
 141 580.7 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.06 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

Instrument :

BNA_F

ClientSampleId :

PB91761TB

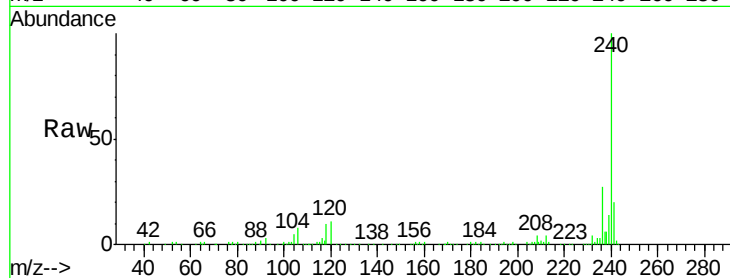
Tgt Ion:240 Resp: 299600

Ion Ratio Lower Upper

240 100

120 11.3 6.8 10.2#

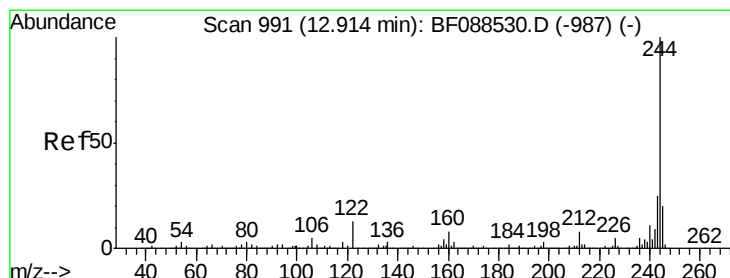
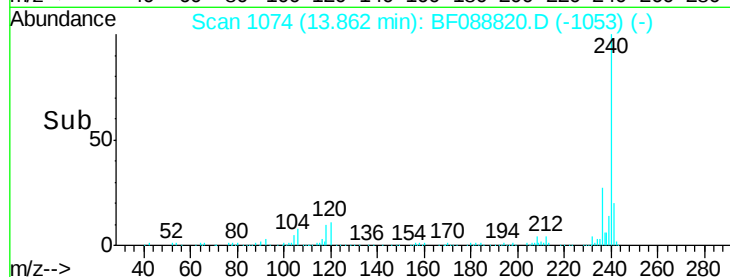
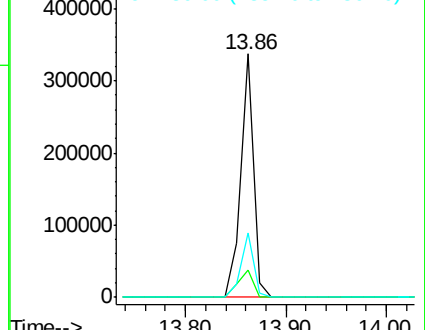
236 26.5 20.2 30.2



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



#78

Terphenyl-d14

Concen: 56.60 ng

RT: 12.82 min Scan# 983

Delta R.T. -0.05 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

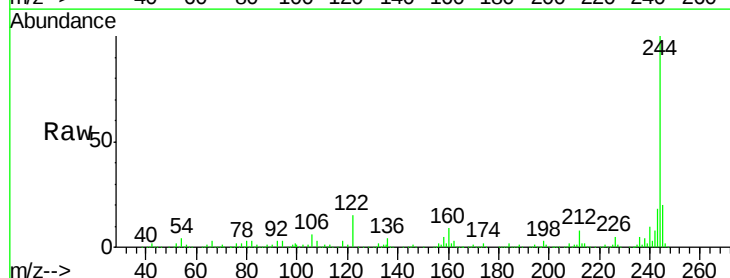
Tgt Ion:244 Resp: 761333

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

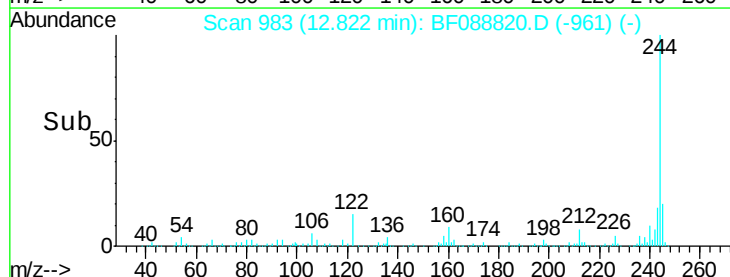
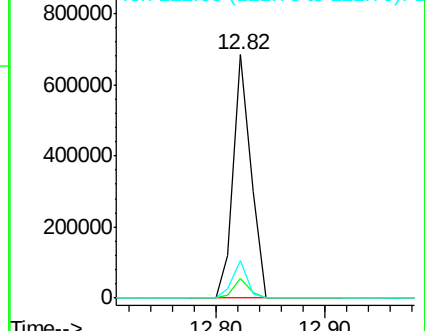
122 15.2 11.2 16.8

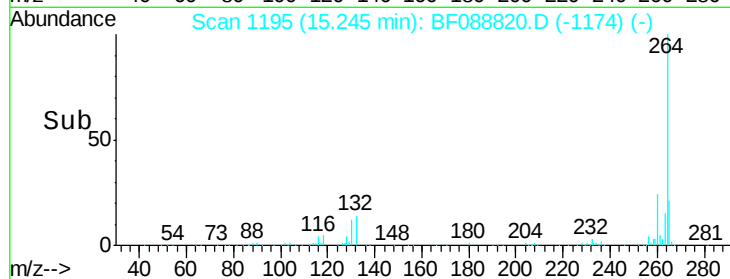
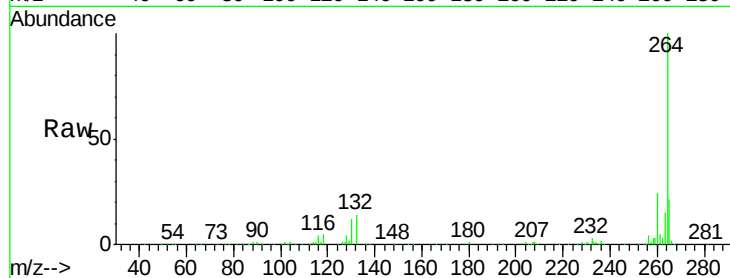
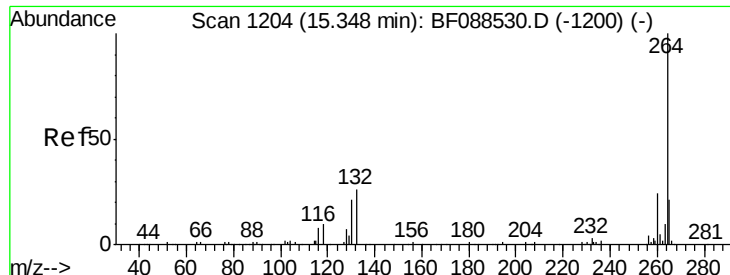


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.25 min Scan# 1195

Delta R.T. -0.06 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

Instrument :

BNA_F

ClientSampleId :

PB91761TB

Tgt Ion: 264 Resp: 266788

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 16.9 25.3

