

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088825.D
 Acq On : 8 Jul 2016 15:00
 Operator : UM/SJ
 Sample : PB91873BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BL

Quant Time: Jul 08 18:55:50 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

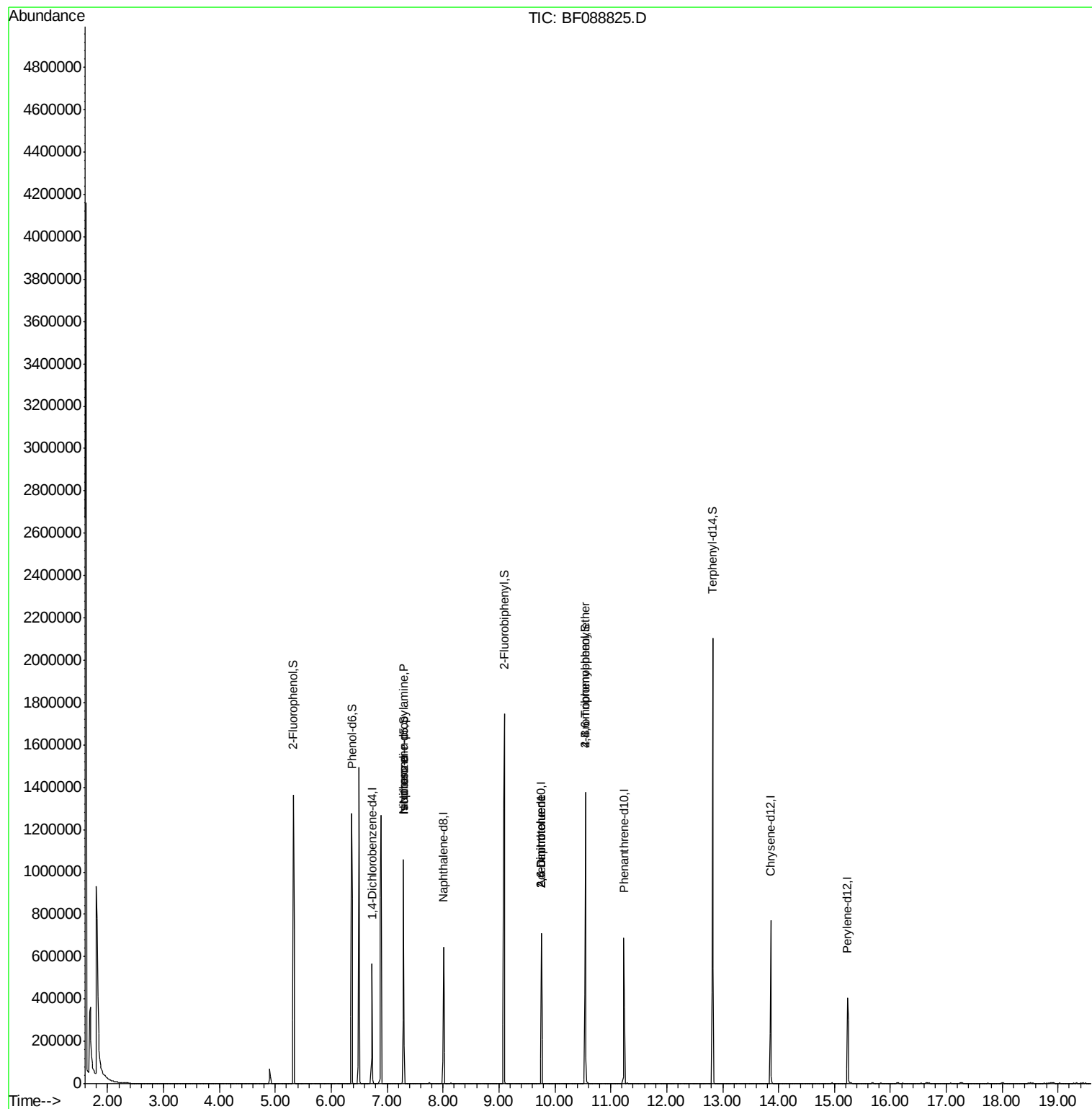
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	79981	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	309190	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	150225	20.00	ng	-0.06
63) Phenanthrene-d10	11.23	188	295261	20.00	ng	-0.06
75) Chrysene-d12	13.86	240	255449	20.00	ng	-0.06
86) Perylene-d12	15.23	264	202371	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	496218	92.98	ng	-0.05
7) Phenol-d6	6.36	99	657056	95.29	ng	-0.05
23) Nitrobenzene-d5	7.29	82	379388	64.30	ng	-0.06
41) 2,4,6-Tribromophenol	10.55	330	153713	110.19	ng	-0.06
44) 2-Fluorobiphenyl	9.10	172	789758	83.04	ng	-0.05
78) Terphenyl-d14	12.82	244	675601	58.91	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	50437	10.89	ng	# 73
25) Isophorone	7.29	82	303420	27.76	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	19156	8.08	ng	# 40
56) 2,4-Dinitrotoluene	9.76	165	19157	6.18	ng	# 38
66) 4-Bromophenyl-phenylether	10.55	248	10872	3.65	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: BF088825.D

Acq: 8 Jul 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB91873BL

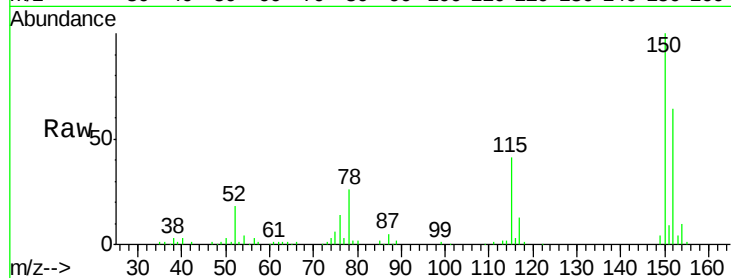
Tgt Ion:152 Resp: 79981

Ion Ratio Lower Upper

152 100

150 155.8 123.8 185.6

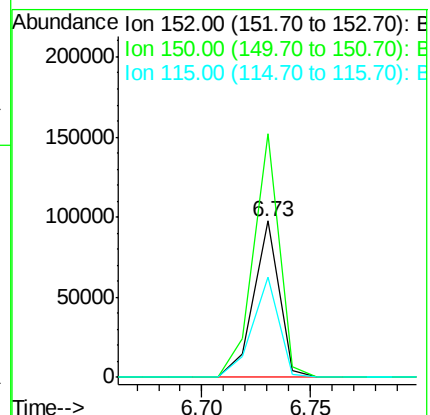
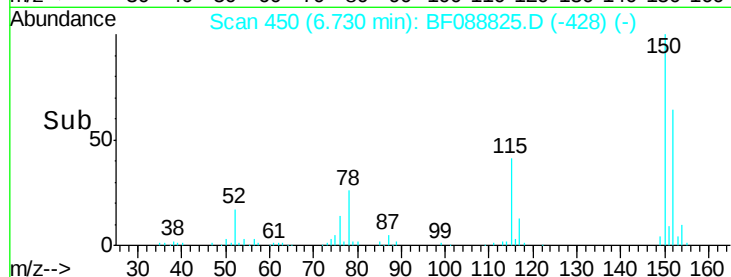
115 64.3 39.6 59.4#



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: 92.98 ng

RT: 5.32 min Scan# 327

Delta R.T. -0.05 min

Lab File: BF088825.D

Acq: 8 Jul 2016 15:00

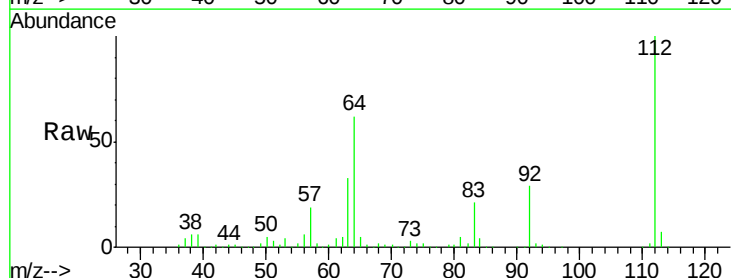
Tgt Ion:112 Resp: 496218

Ion Ratio Lower Upper

112 100

64 61.7 42.2 63.2

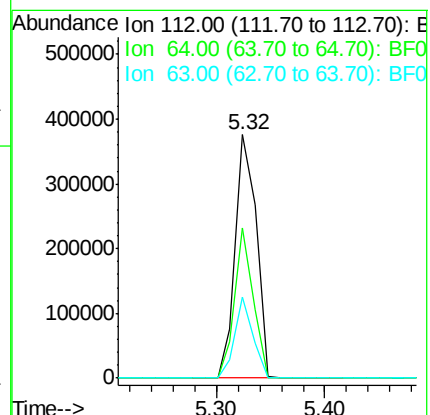
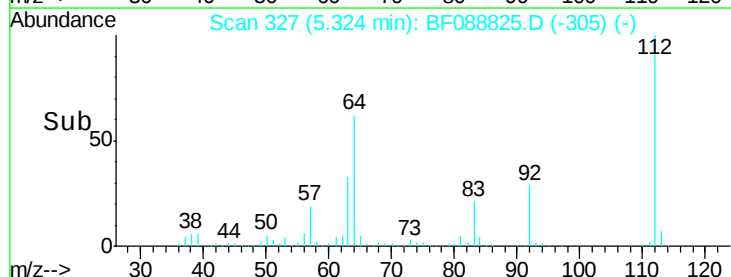
63 33.1 21.8 32.8#



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: 95.29 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.05 min

Lab File: BF088825.D

Acq: 8 Jul 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB91873BL

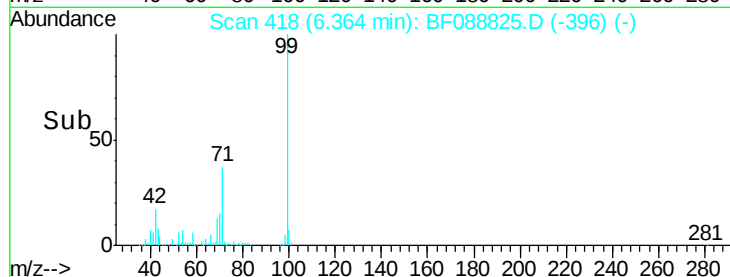
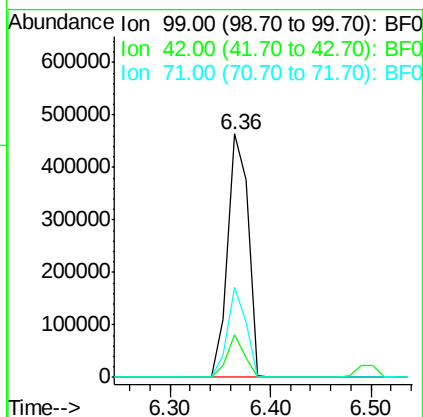
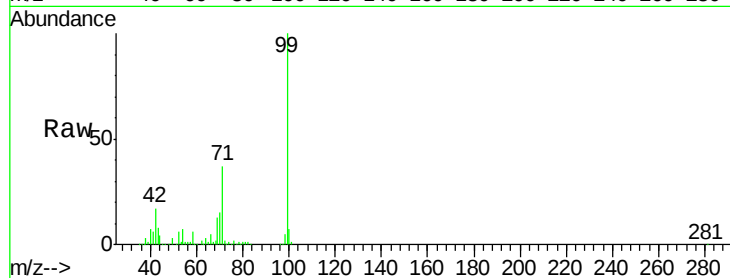
Tgt Ion: 99 Resp: 657056

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

71 37.2 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 10.89 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.09 min

Lab File: BF088825.D

Acq: 8 Jul 2016 15:00

Tgt Ion: 70 Resp: 50437

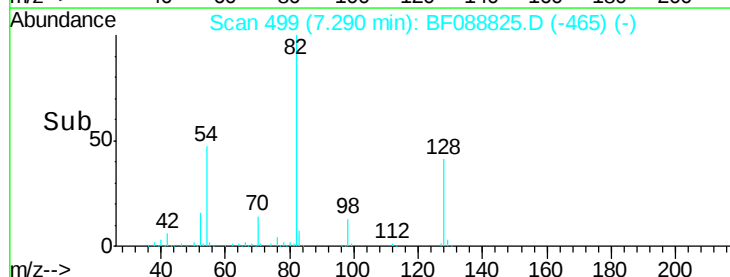
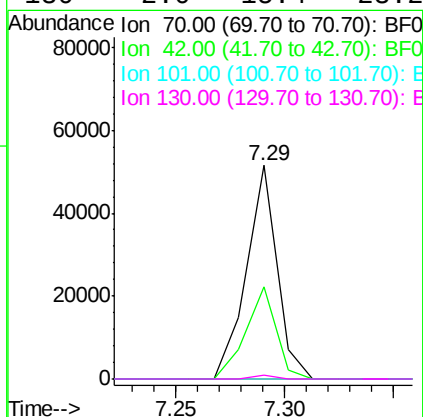
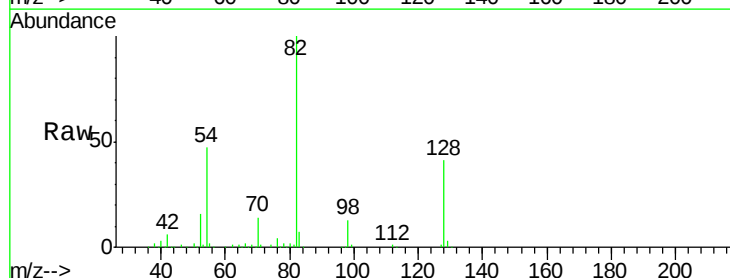
Ion Ratio Lower Upper

70 100

42 43.1 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: BF088825.D

Acq: 8 Jul 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB91873BL

Tgt Ion:136 Resp: 309190

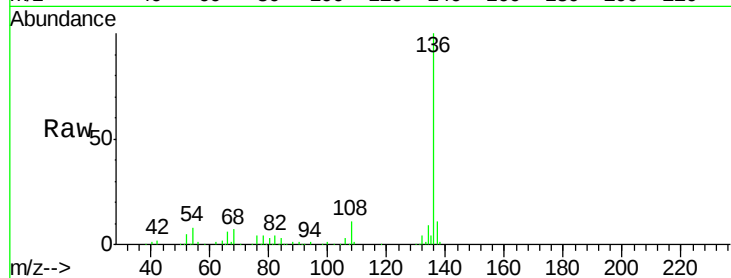
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.0 6.6 10.0

68 6.5 5.1 7.7

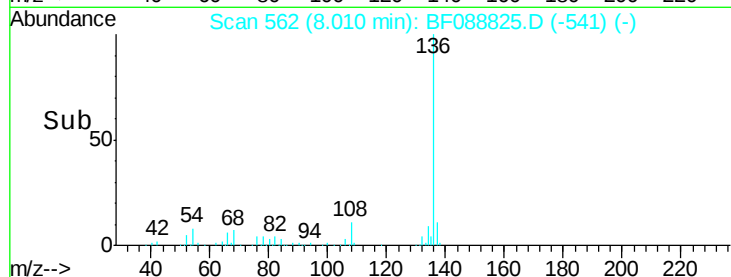


Abundance Ion 136.00 (135.70 to 136.70): E

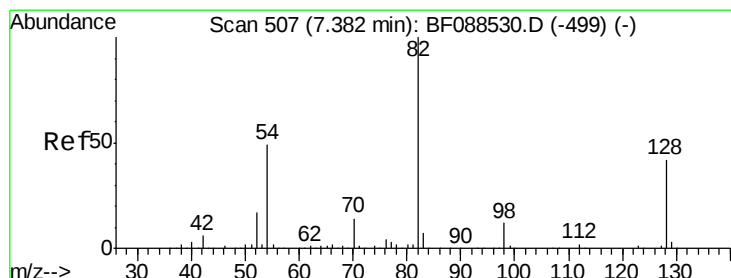
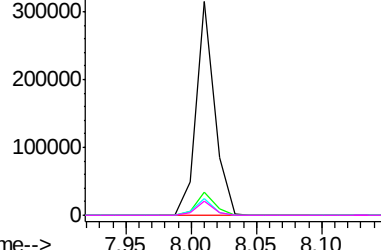
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 64.30 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF088825.D

Acq: 8 Jul 2016 15:00

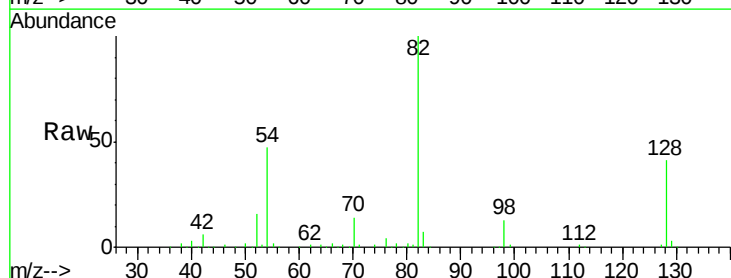
Tgt Ion: 82 Resp: 379388

Ion Ratio Lower Upper

82 100

128 40.8 35.9 53.9

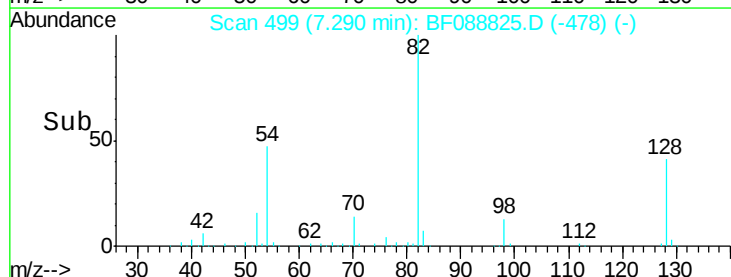
54 47.5 40.9 61.3



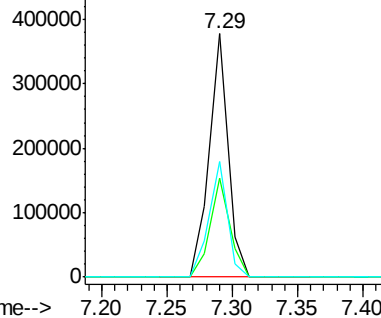
Abundance Ion 82.00 (81.70 to 82.70): BF0

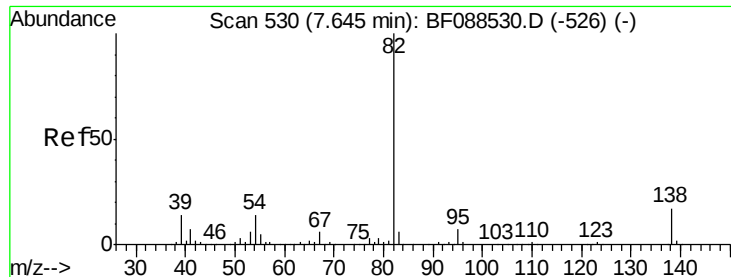
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 27.76 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.32 min

Lab File: BF088825.D

Acq: 8 Jul 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB91873BL

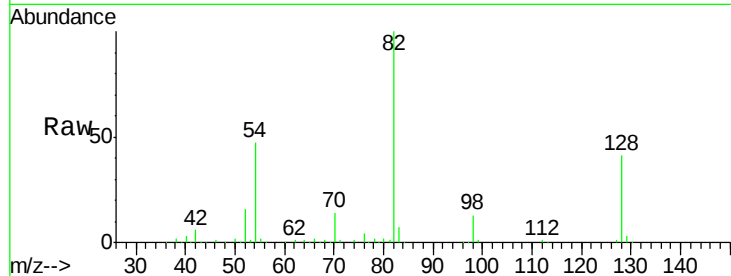
Tgt Ion: 82 Resp: 303420

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

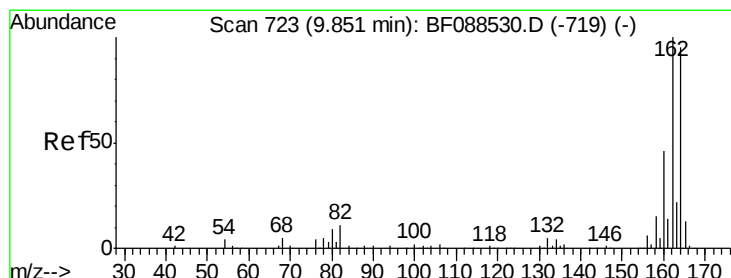
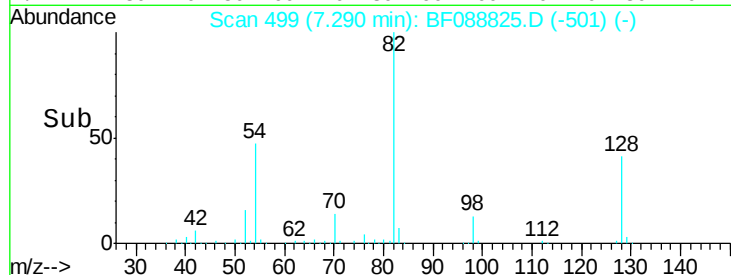
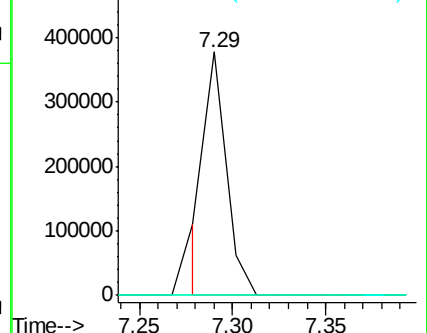
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.06 min

Lab File: BF088825.D

Acq: 8 Jul 2016 15:00

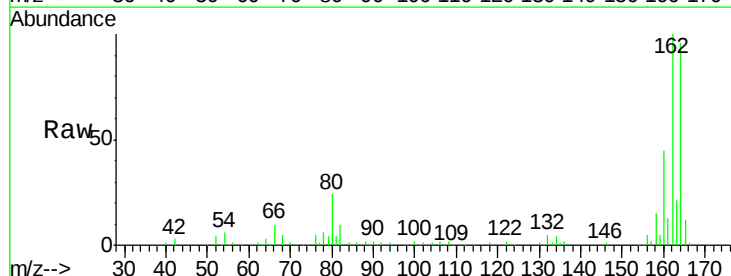
Tgt Ion: 164 Resp: 150225

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

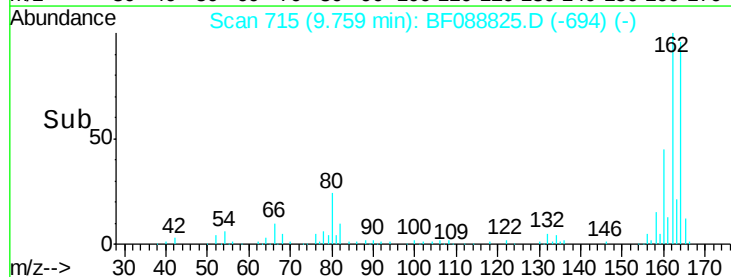
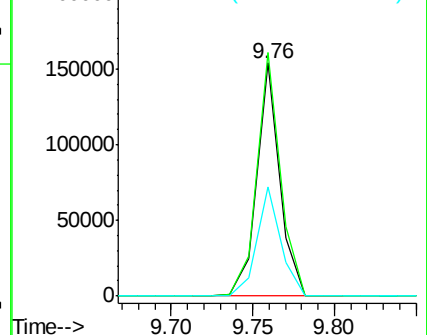
160 47.1 39.5 59.3



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

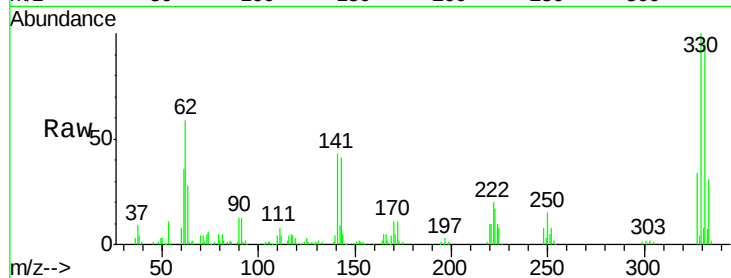




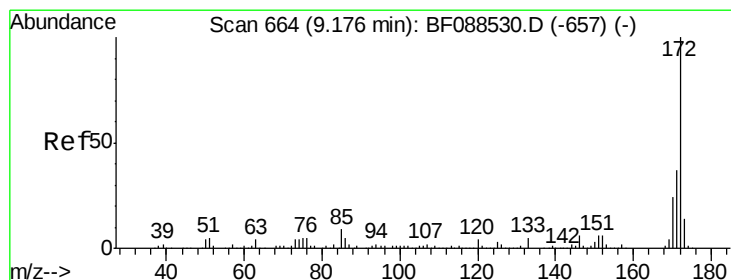
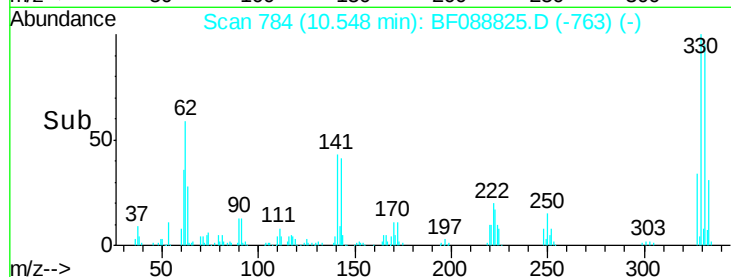
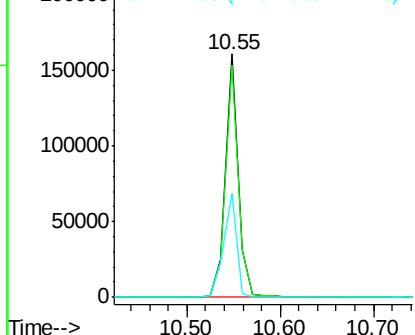
#41
 2,4,6-Tribromophenol
 Concen: 110.19 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.06 min
 Lab File: BF088825.D
 Acq: 8 Jul 2016 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BL

Tgt Ion:330 Resp: 153713
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 43.7 0.0 0.0#

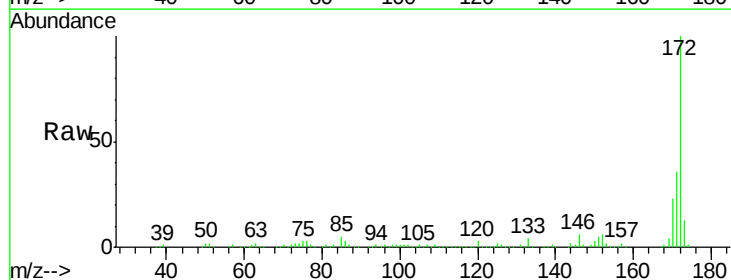


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

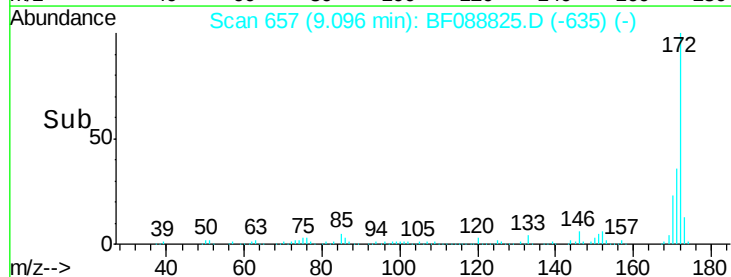
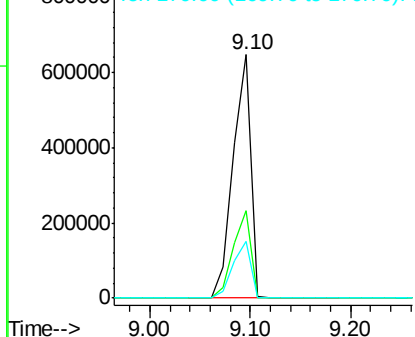


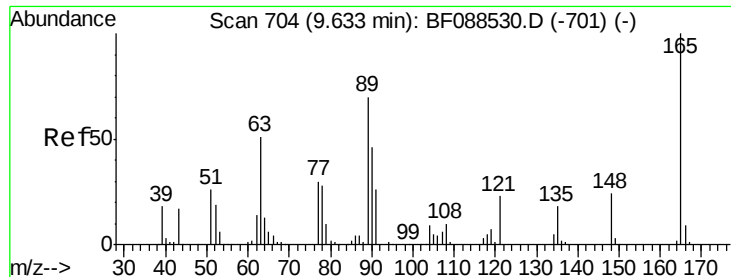
#44
 2-Fluorobiphenyl
 Concen: 83.04 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.05 min
 Lab File: BF088825.D
 Acq: 8 Jul 2016 15:00

Tgt Ion:172 Resp: 789758
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.3 19.2 28.8



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

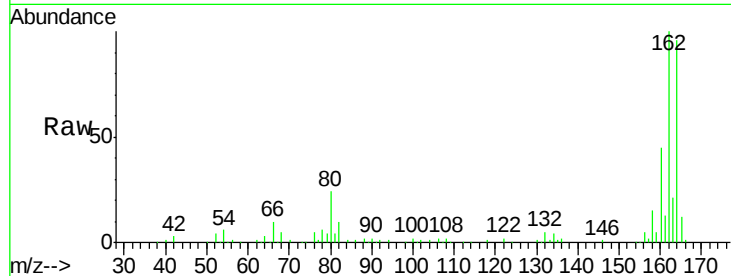




#50
 2,6-Dinitrotoluene
 Concen: 8.08 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.16 min
 Lab File: BF088825.D
 Acq: 8 Jul 2016 15:00

Instrument :
 BNA_F
 ClientSampleID :
 PB91873BL

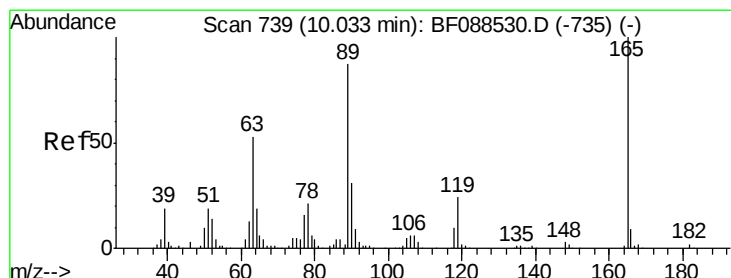
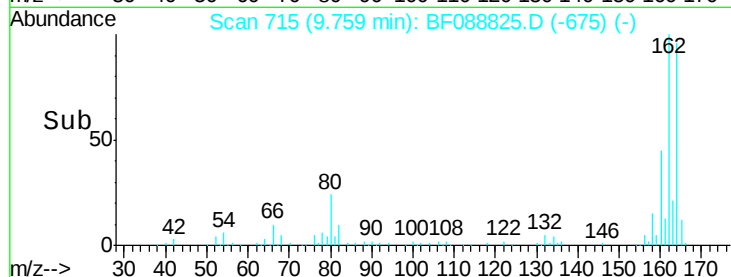
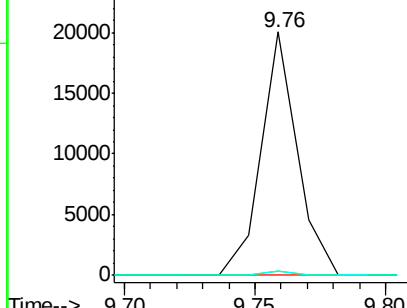
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.1	42.1#
89	1.6	32.2	48.2#



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: 6.18 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.24 min
 Lab File: BF088825.D
 Acq: 8 Jul 2016 15:00

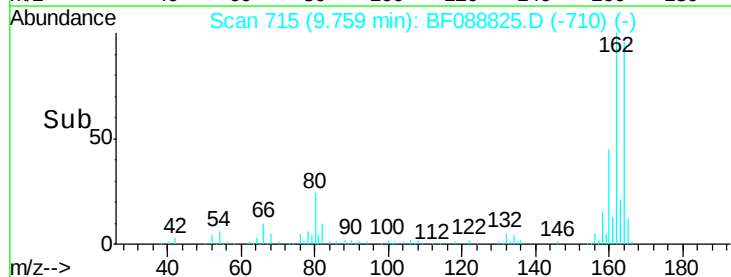
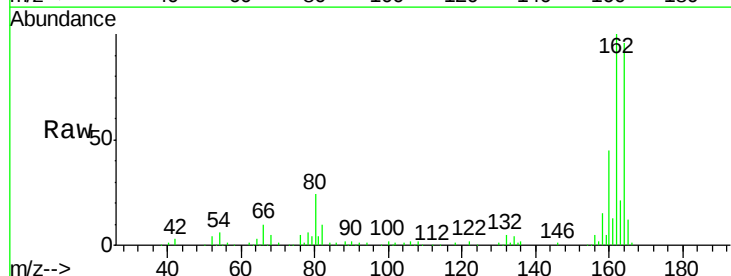
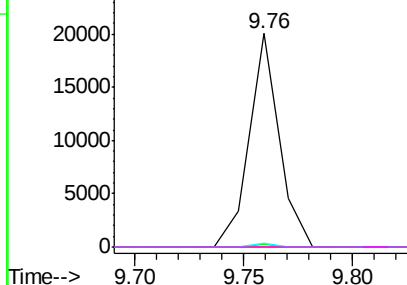
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

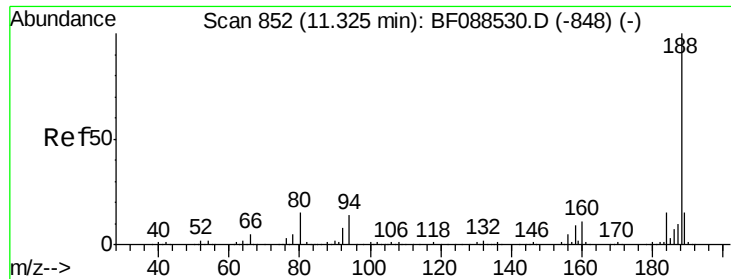
Abundance Ion 165.00 (164.70 to 165.70): E

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

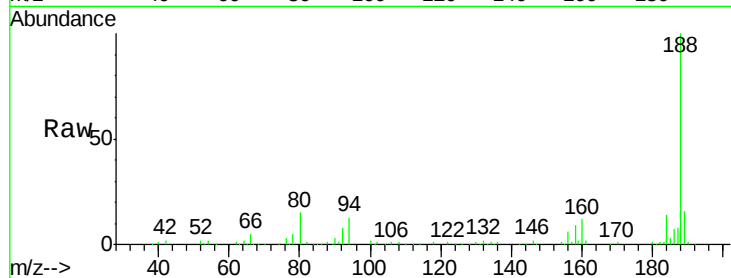




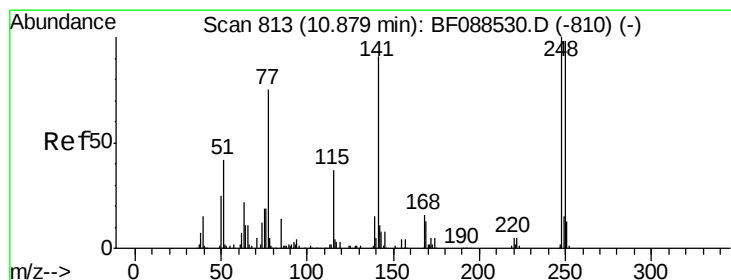
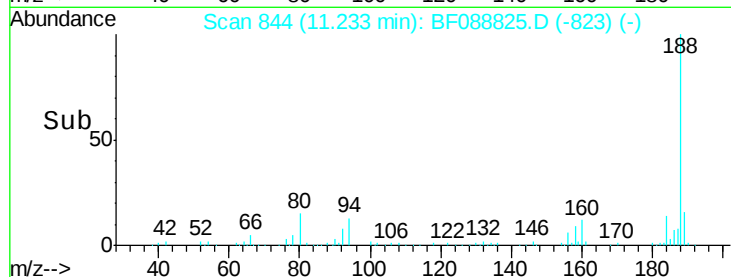
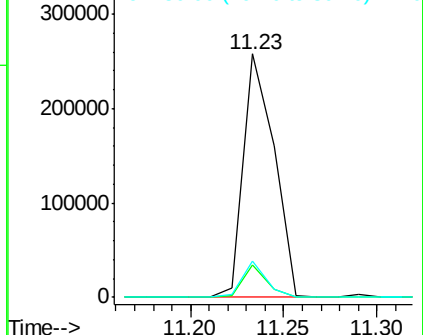
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.06 min
Lab File: BF088825.D
Acq: 8 Jul 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB91873BL

Tgt Ion:188 Resp: 295261
Ion Ratio Lower Upper
188 100
94 13.3 9.0 13.6
80 15.0 10.0 15.0

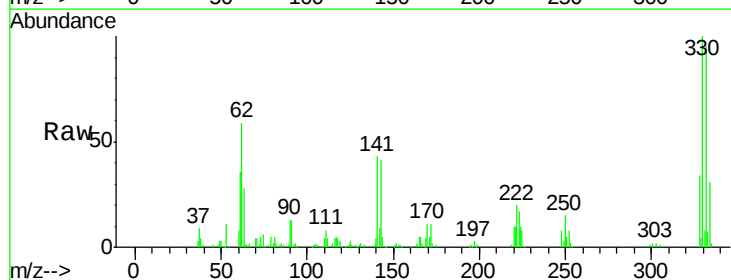


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

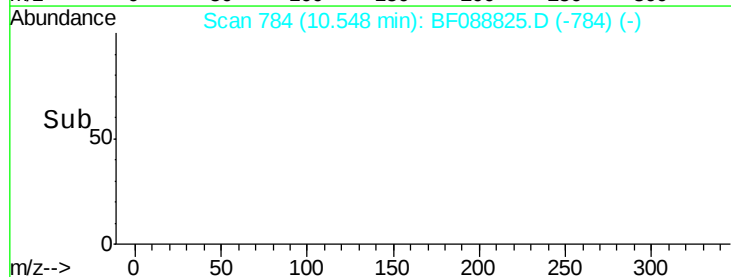
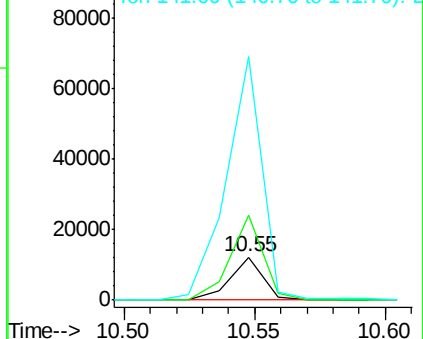


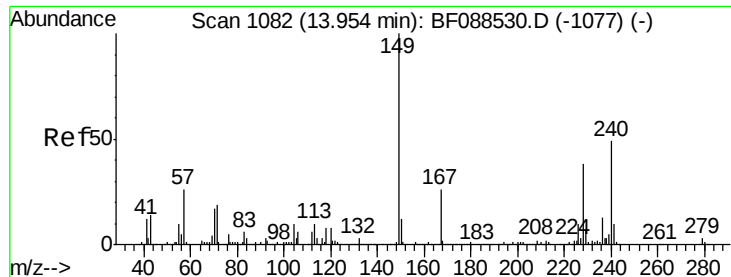
#66
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.30 min
Lab File: BF088825.D
Acq: 8 Jul 2016 15:00

Tgt Ion:248 Resp: 10872
Ion Ratio Lower Upper
248 100
250 197.1 77.1 115.7#
141 562.9 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.06 min

Lab File: BF088825.D

Acq: 8 Jul 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB91873BL

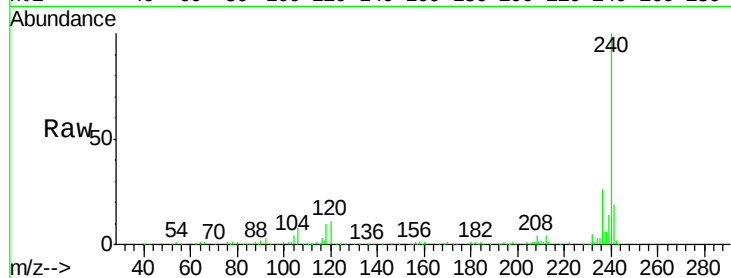
Tgt Ion:240 Resp: 255449

Ion Ratio Lower Upper

240 100

120 10.7 6.8 10.2#

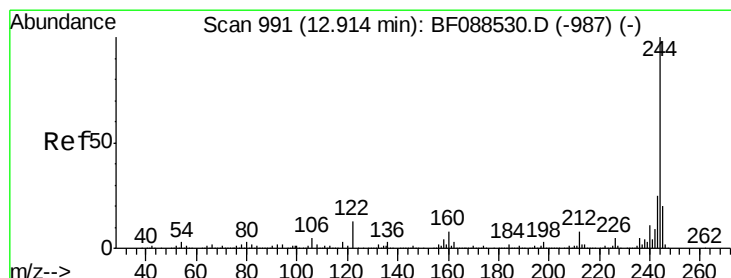
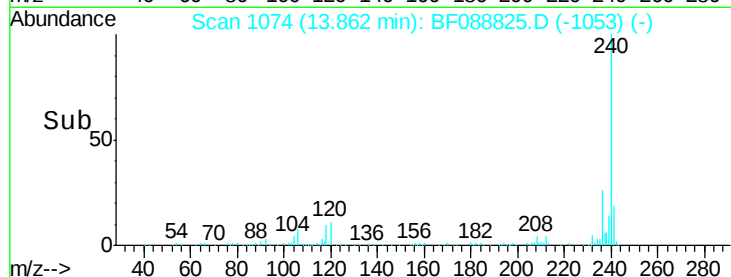
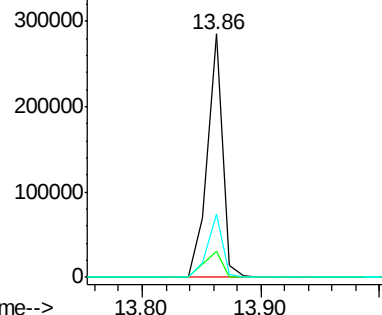
236 25.8 20.2 30.2



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: 58.91 ng

RT: 12.82 min Scan# 983

Delta R.T. -0.05 min

Lab File: BF088825.D

Acq: 8 Jul 2016 15:00

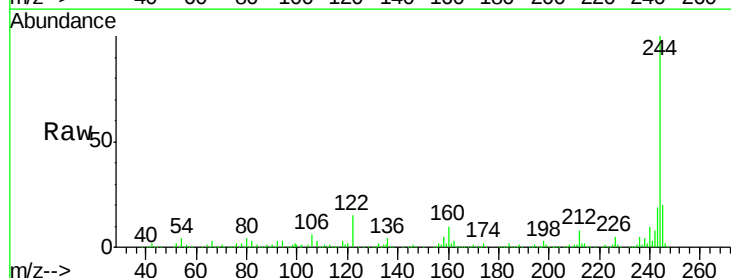
Tgt Ion:244 Resp: 675601

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

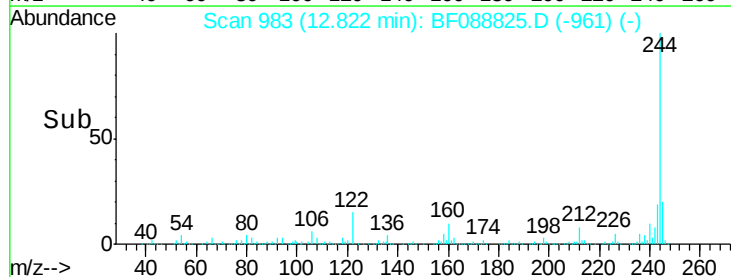
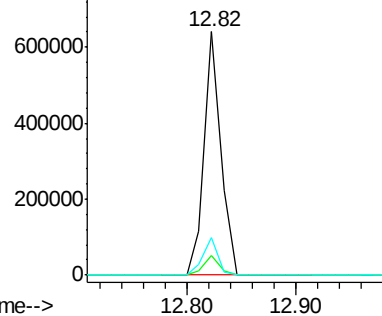
122 15.5 11.2 16.8

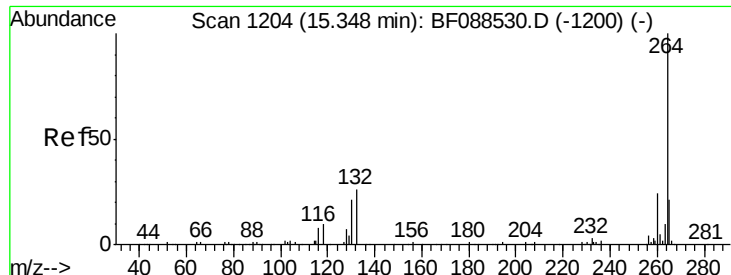


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 1194
Delta R.T. -0.07 min
Lab File: BF088825.D
Acq: 8 Jul 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB91873BL

Tgt Ion: 264 Resp: 202371
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.8 16.9 25.3

