

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087721.D
 Acq On : 5 Jun 2016 21:52
 Operator : UM/SJ
 Sample : H3379-11
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Jun 06 03:11:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

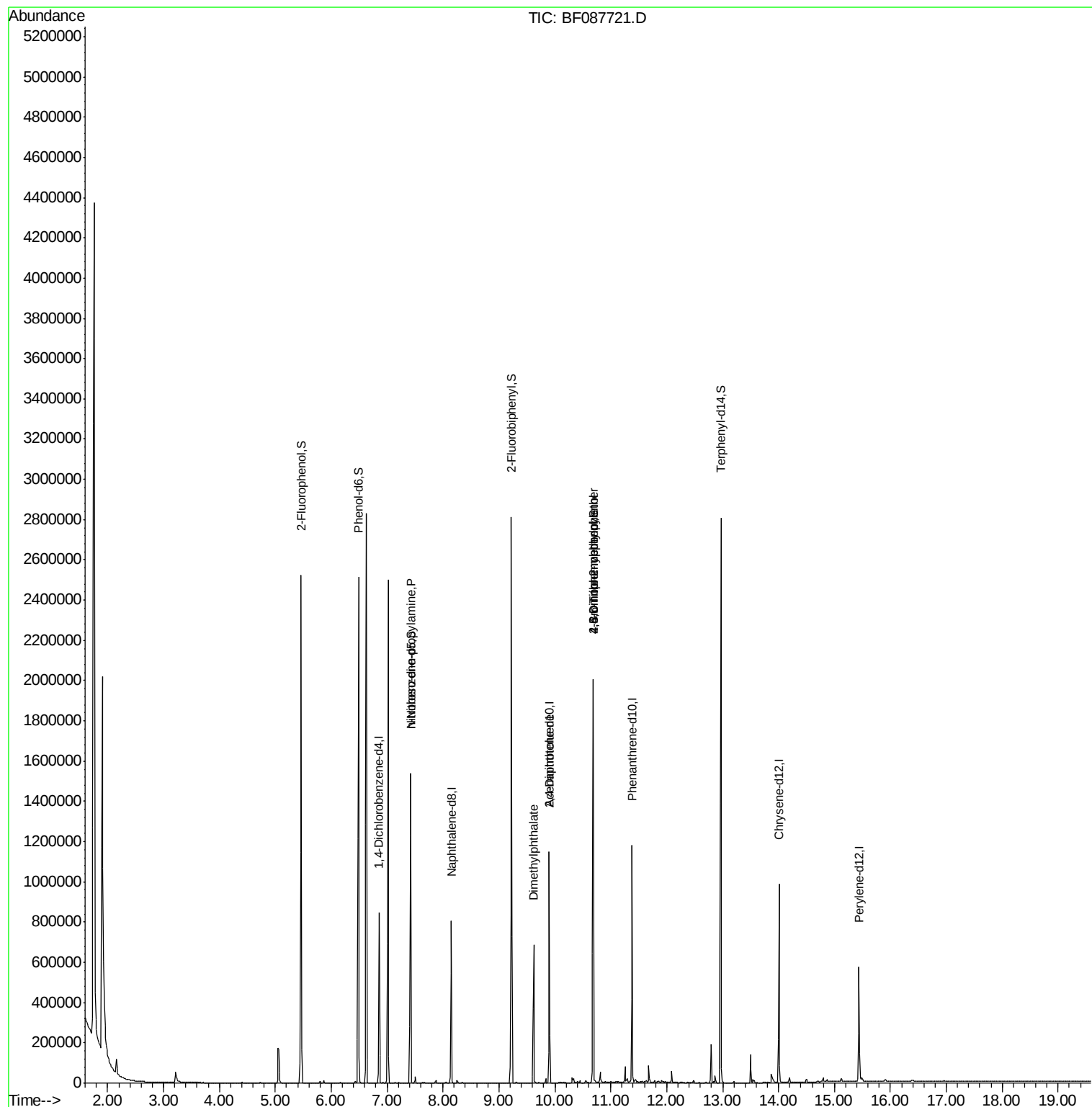
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119567	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	491704	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	224704	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	444876	20.00	ng	0.00
75) Chrysene-d12	14.01	240	327033	20.00	ng	-0.01
86) Perylene-d12	15.44	264	251044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	789710	106.75	ng	0.01
7) Phenol-d6	6.49	99	1014559	109.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	727550	85.61	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	253690	112.47	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1053645	67.46	ng	-0.01
78) Terphenyl-d14	12.97	244	961513	71.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	94001	16.22	ng	# 71
49) Dimethylphthalate	9.62	163	367741	22.51	ng	99
56) 2,4-Dinitrotoluene	9.90	165	29419	6.22	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	443	2.19	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	15465	3.51	ng	# 1

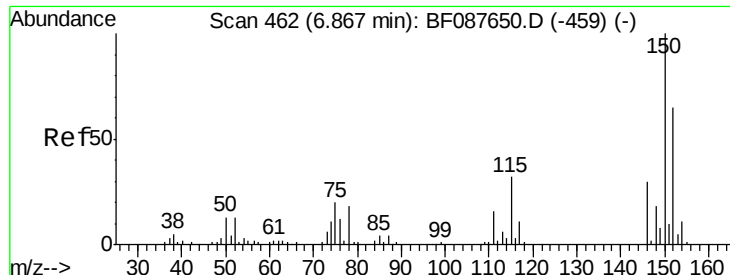
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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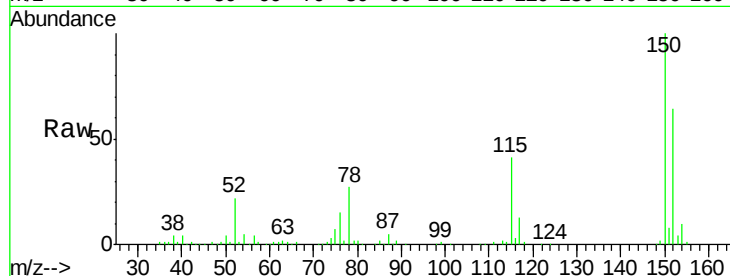


#1

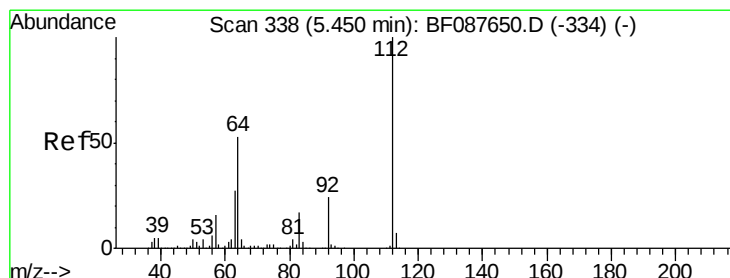
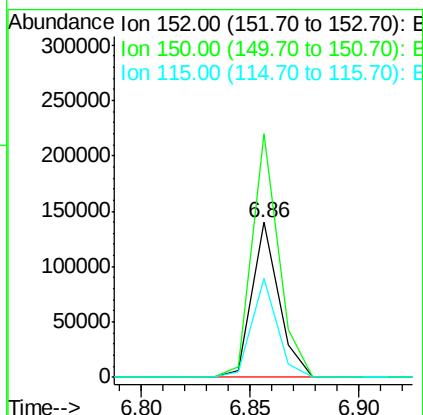
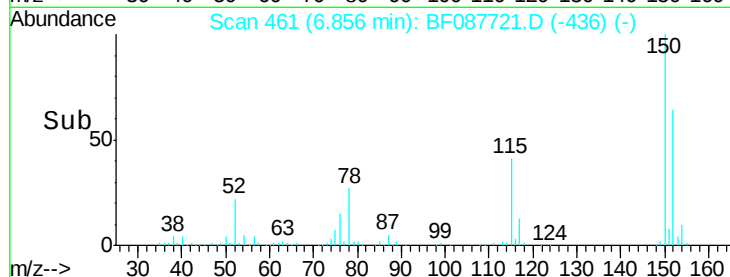
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087721.D
Acq: 5 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:152 Resp: 119567
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.6
115 63.6 39.6 59.4#



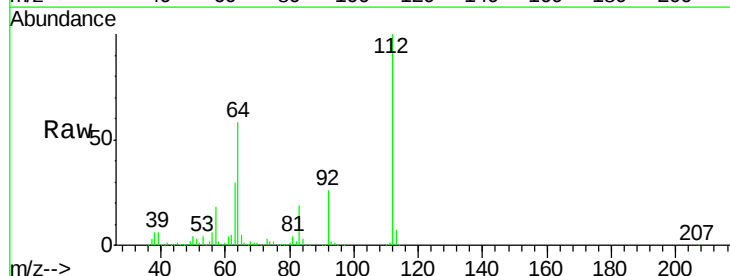
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



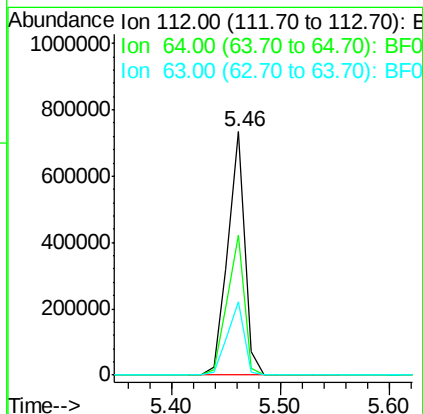
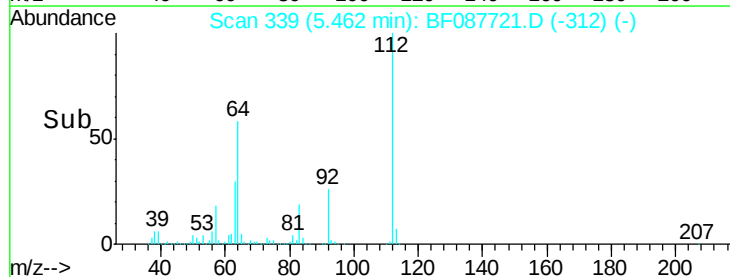
#5

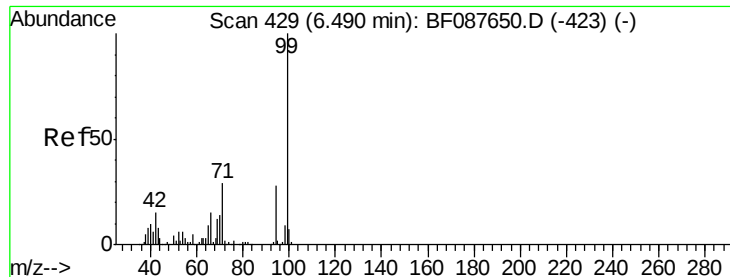
2-Fluorophenol
Concen: 106.75 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087721.D
Acq: 5 Jun 2016 21:52

Tgt Ion:112 Resp: 789710
Ion Ratio Lower Upper
112 100
64 57.7 42.2 63.2
63 30.2 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: 109.36 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087721.D

Acq: 5 Jun 2016 21:52

Instrument :

BNA_F

ClientSampleId :

SB-3

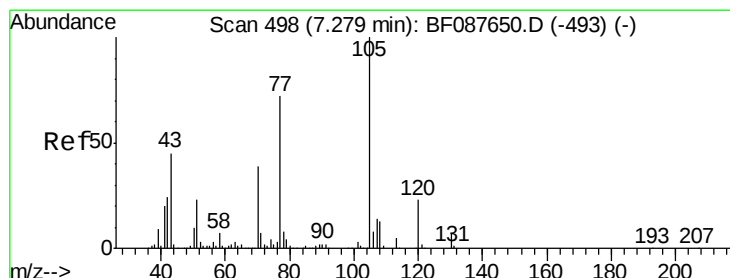
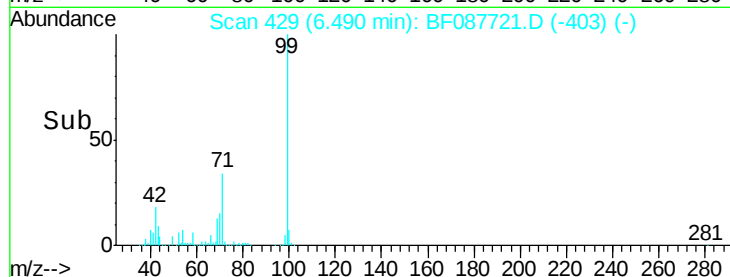
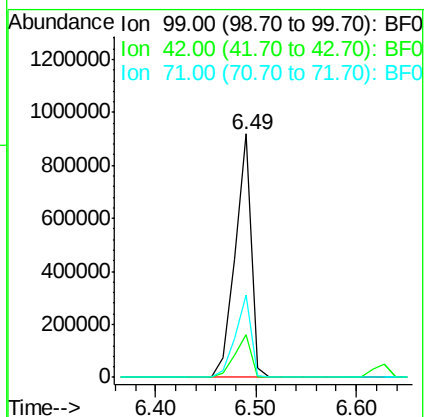
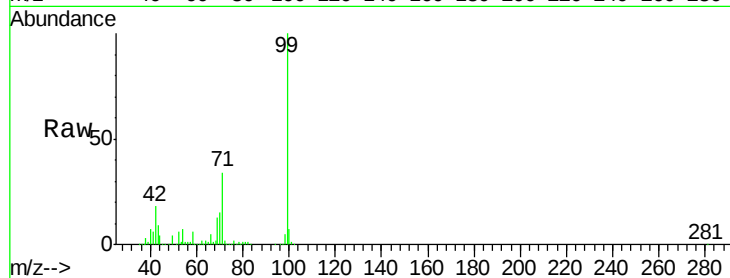
Tgt Ion: 99 Resp: 1014559

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

71 34.0 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.22 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.15 min

Lab File: BF087721.D

Acq: 5 Jun 2016 21:52

Tgt Ion: 70 Resp: 94001

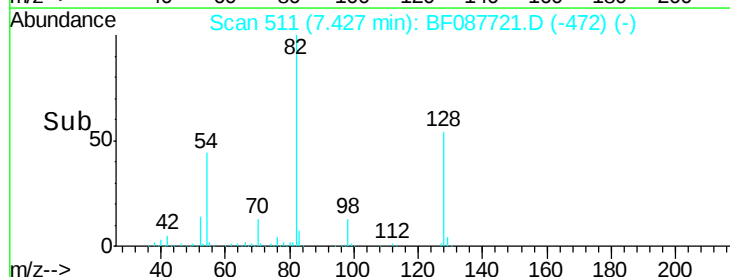
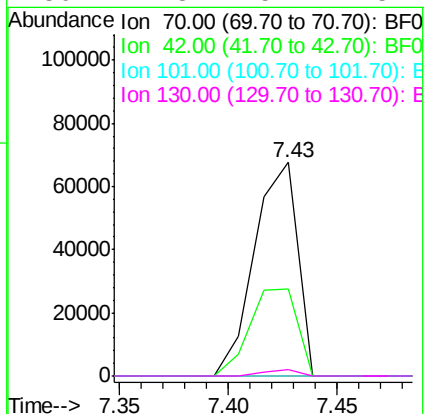
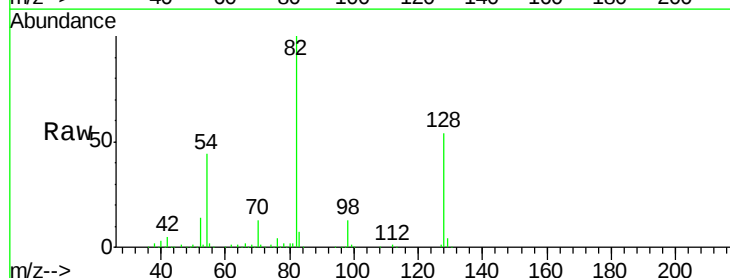
Ion Ratio Lower Upper

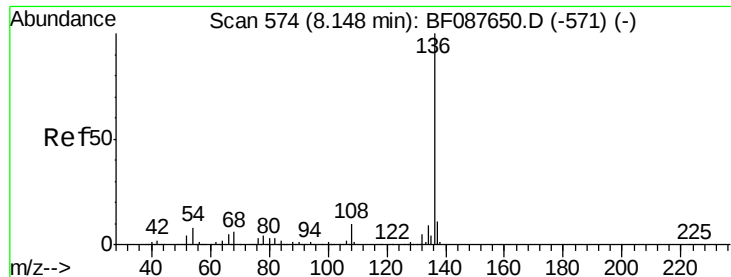
70 100

42 40.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.8 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087721.D

Acq: 5 Jun 2016 21:52

Instrument :

BNA_F

ClientSampleId :

SB-3

Tgt Ion:136 Resp: 491704

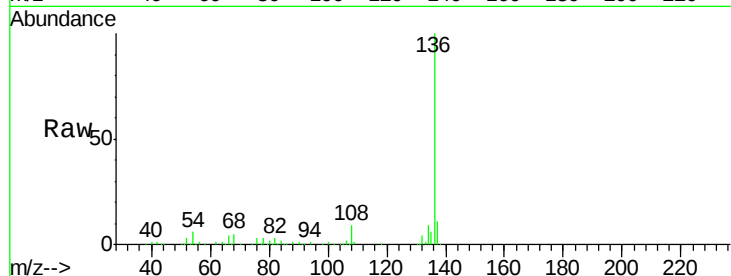
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.6 6.6 10.0#

68 4.6 5.1 7.7#

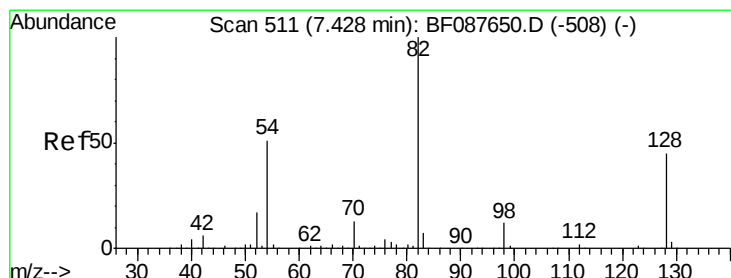
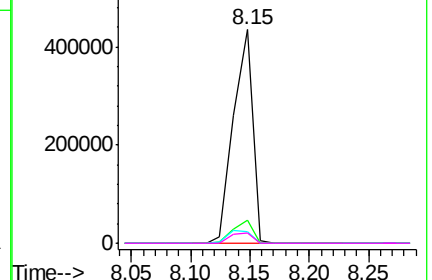
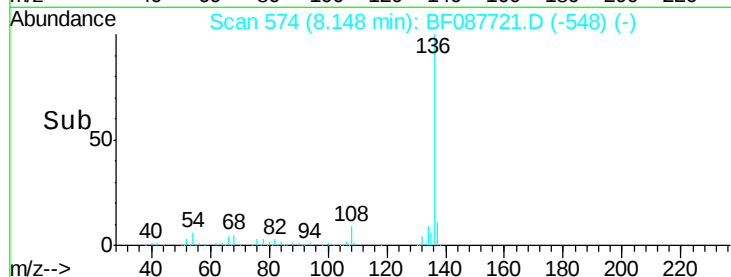


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 85.61 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087721.D

Acq: 5 Jun 2016 21:52

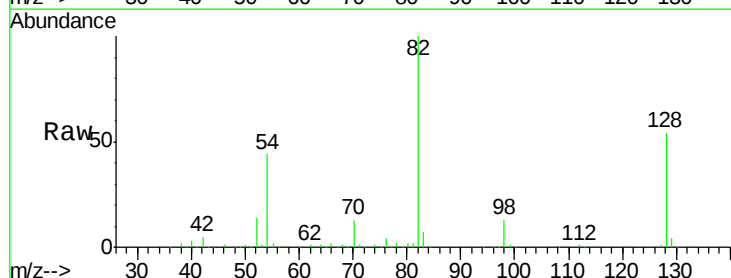
Tgt Ion: 82 Resp: 727550

Ion Ratio Lower Upper

82 100

128 54.2 35.9 53.9#

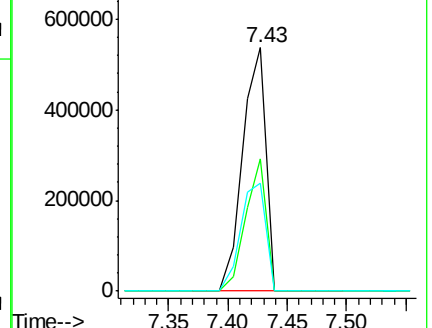
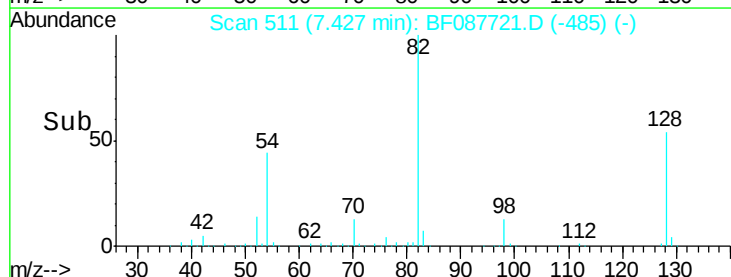
54 44.1 40.9 61.3

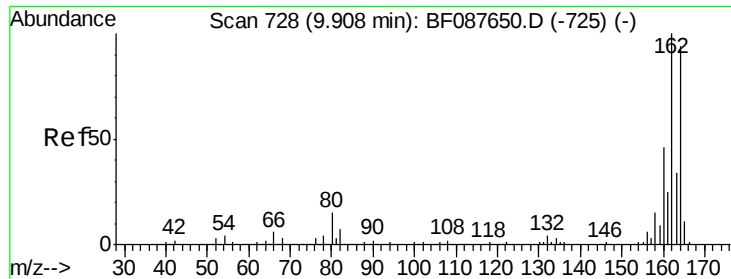


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

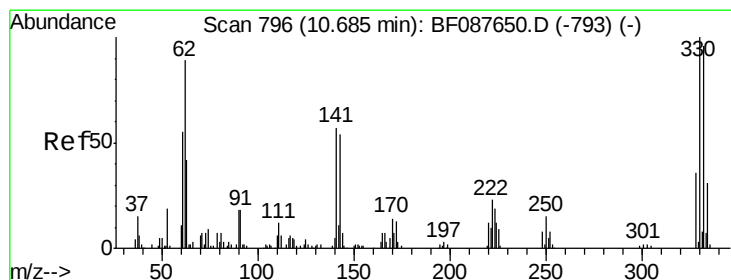
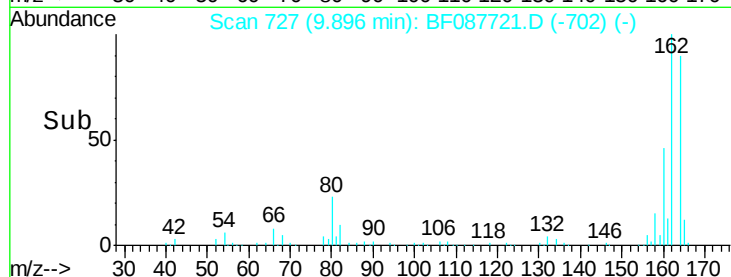
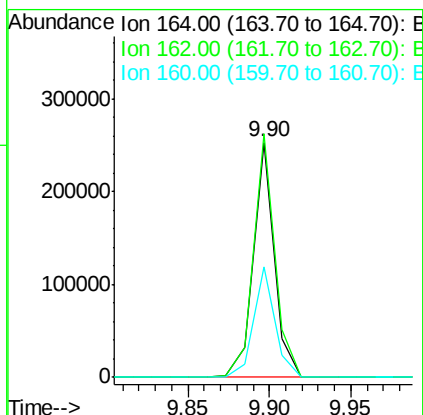
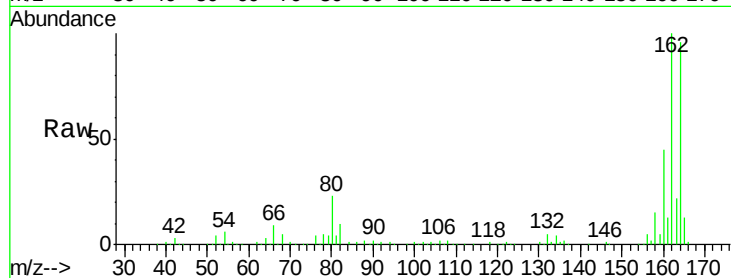




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087721.D
 Acq: 5 Jun 2016 21:52

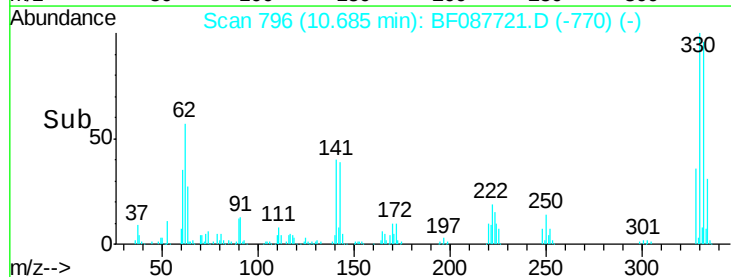
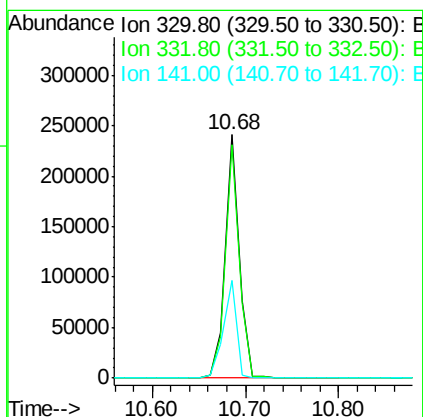
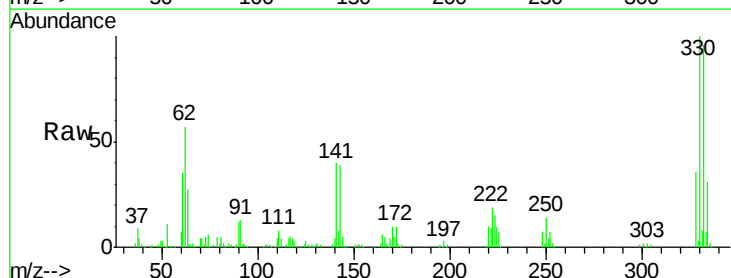
Instrument :
 BNA_F
 ClientSampleId :
 SB-3

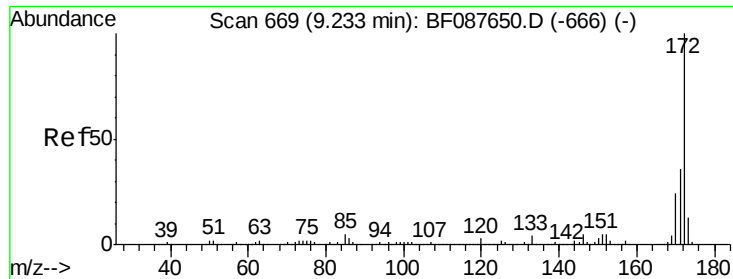
Tgt Ion:164 Resp: 224704
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.4 128.2
 160 47.1 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 112.47 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087721.D
 Acq: 5 Jun 2016 21:52

Tgt Ion:330 Resp: 253690
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 37.4 0.0 0.0#

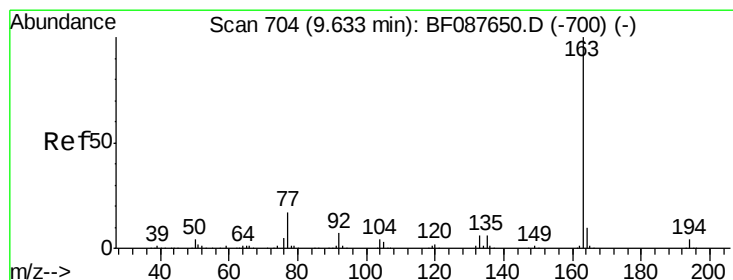
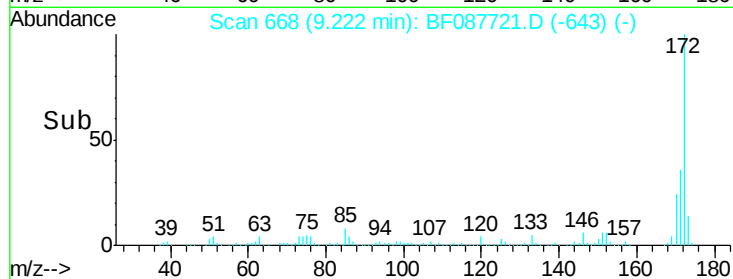
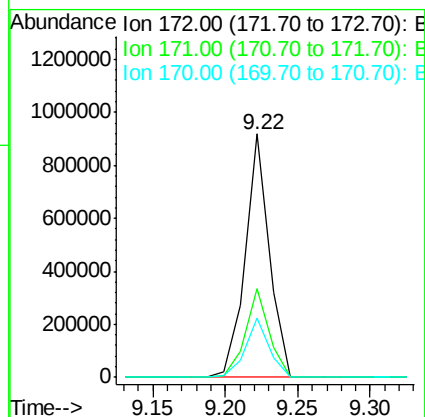
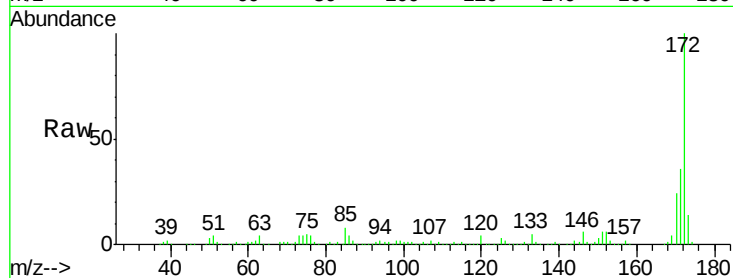




#44
 2-Fluorobiphenyl
 Concen: 67.46 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087721.D
 Acq: 5 Jun 2016 21:52

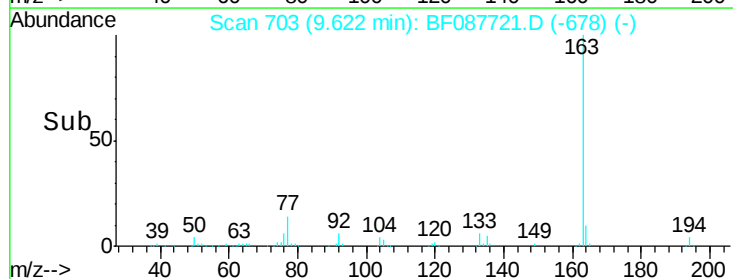
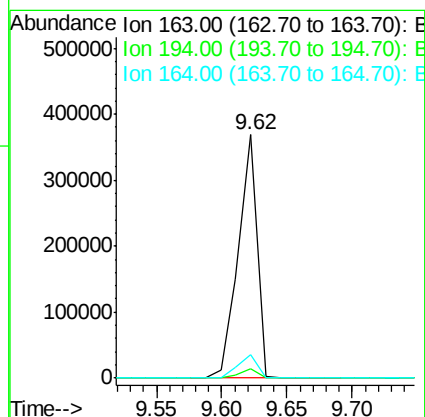
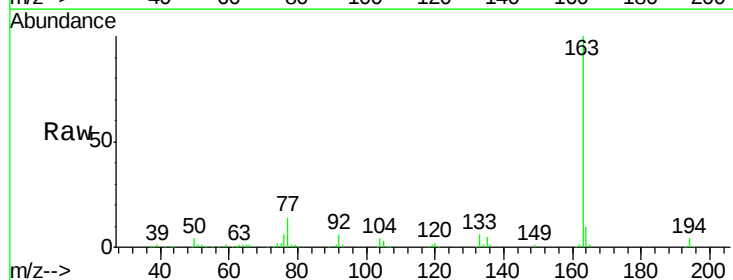
Instrument :
 BNA_F
 ClientSampleId :
 SB-3

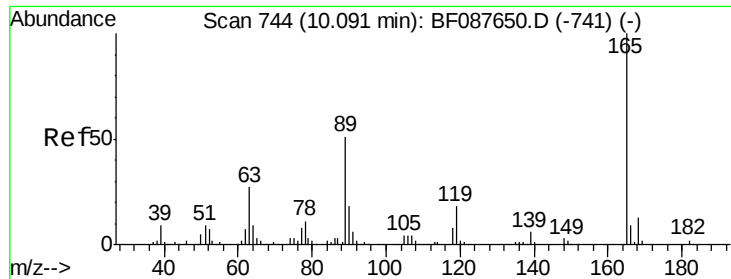
Tgt Ion:172 Resp: 1053645
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.2 19.2 28.8



#49
 Dimethylphthalate
 Concen: 22.51 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF087721.D
 Acq: 5 Jun 2016 21:52

Tgt Ion:163 Resp: 367741
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.7 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 6.22 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.19 min

Lab File: BF087721.D

Acq: 5 Jun 2016 21:52

Instrument :

BNA_F

ClientSampleId :

SB-3

Tgt Ion:165 Resp: 29419

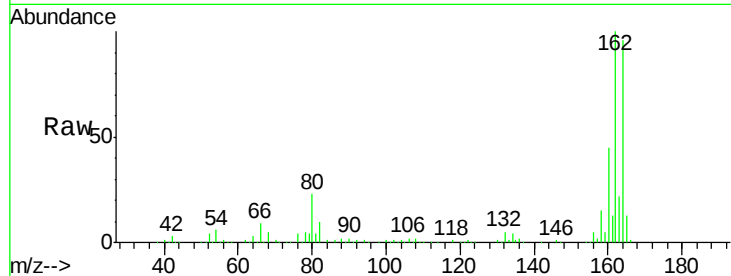
Ion Ratio Lower Upper

165 100

63 1.3 22.0 33.0#

89 1.4 41.1 61.7#

182 0.0 2.0 3.0#

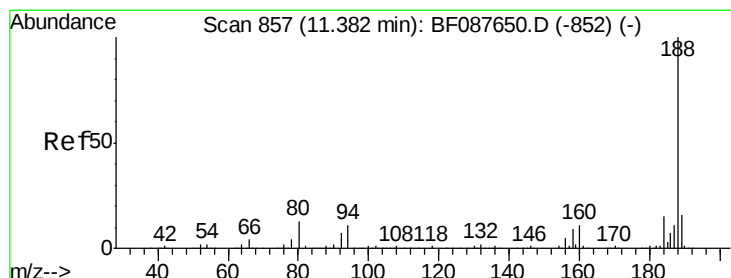
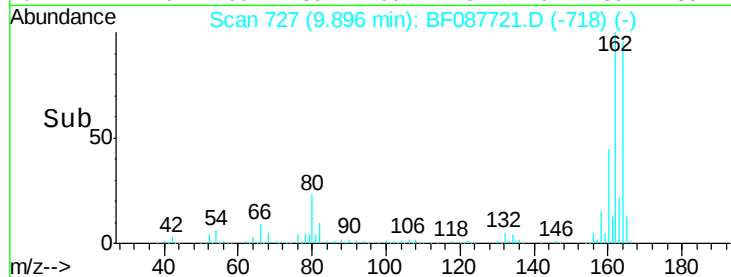
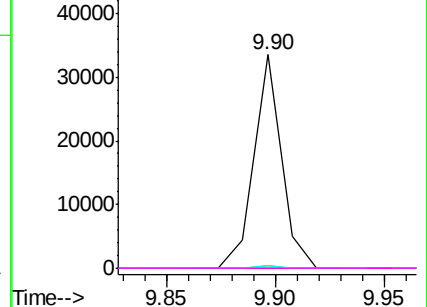


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087721.D

Acq: 5 Jun 2016 21:52

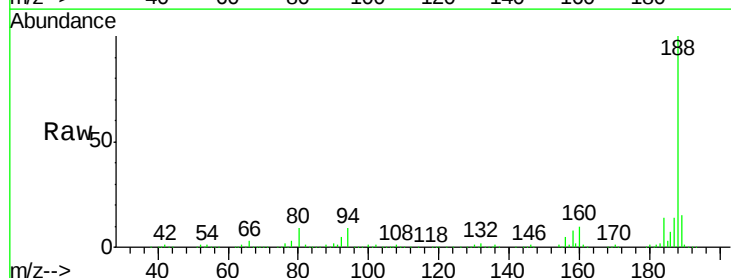
Tgt Ion:188 Resp: 444876

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.6#

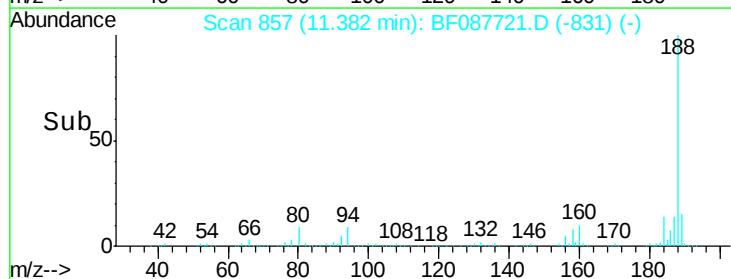
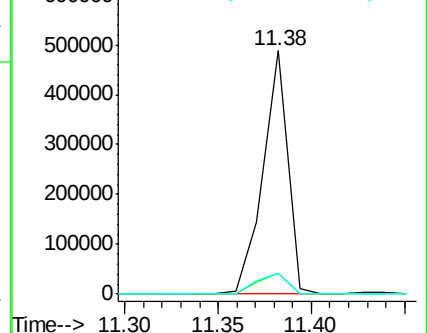
80 8.7 10.0 15.0#

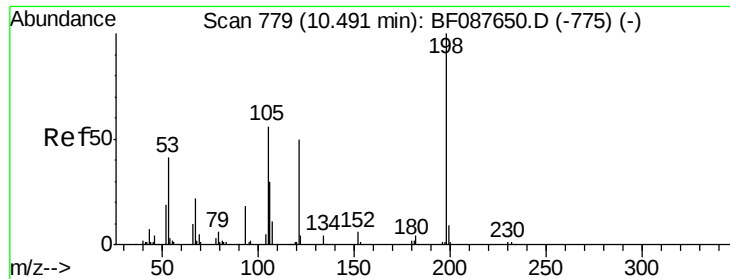


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

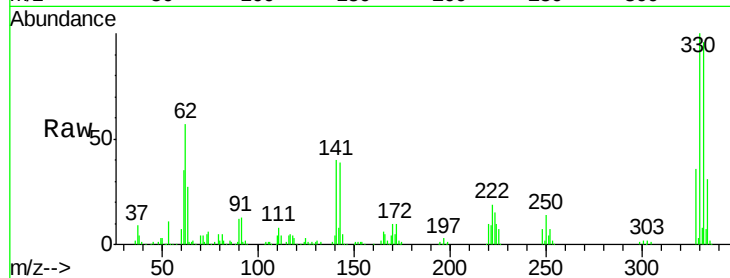




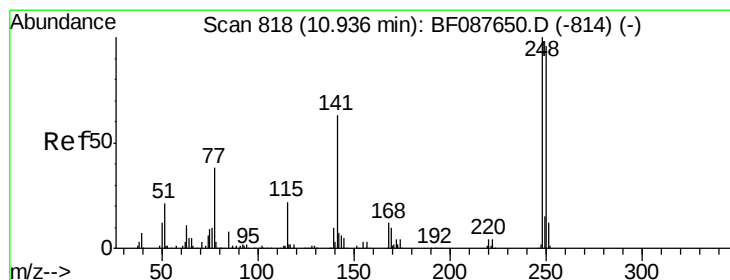
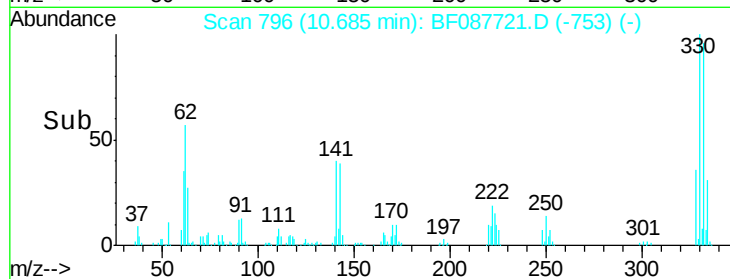
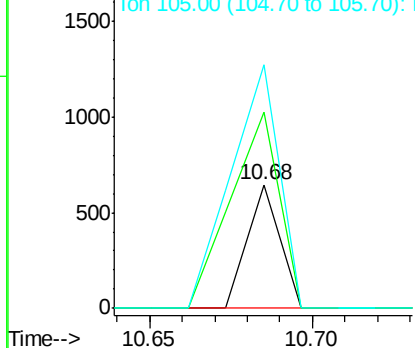
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.19 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.19 min
 Lab File: BF087721.D
 Acq: 5 Jun 2016 21:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Tgt Ion:198 Resp: 443
 Ion Ratio Lower Upper
 198 100
 51 158.7 39.6 79.6#
 105 196.9 36.6 76.6#

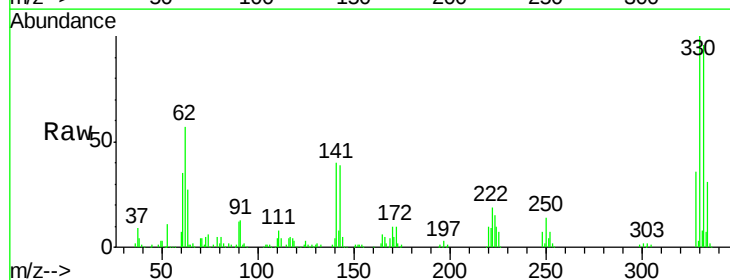


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

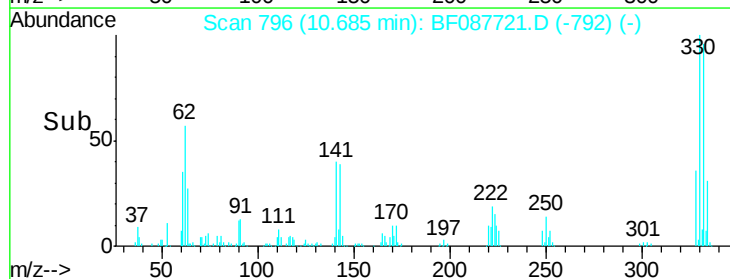
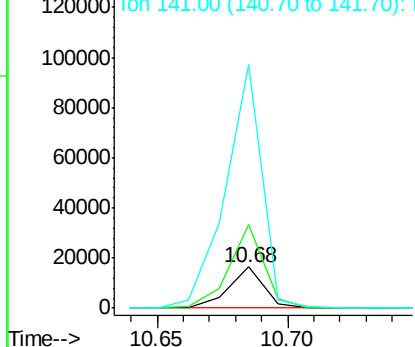


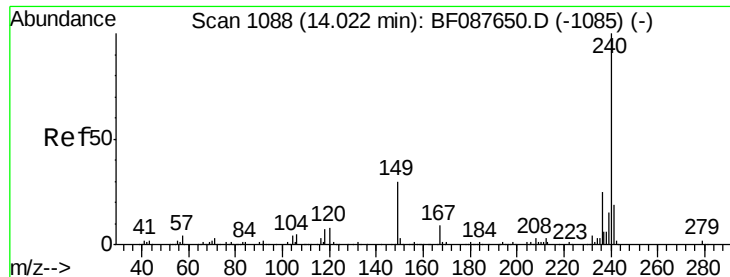
#66
 4-Bromophenyl-phenylether
 Concen: 3.51 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.25 min
 Lab File: BF087721.D
 Acq: 5 Jun 2016 21:52

Tgt Ion:248 Resp: 15465
 Ion Ratio Lower Upper
 248 100
 250 201.2 77.1 115.7#
 141 588.9 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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087721.D

Acq: 5 Jun 2016 21:52

Instrument :

BNA_F

ClientSampleId :

SB-3

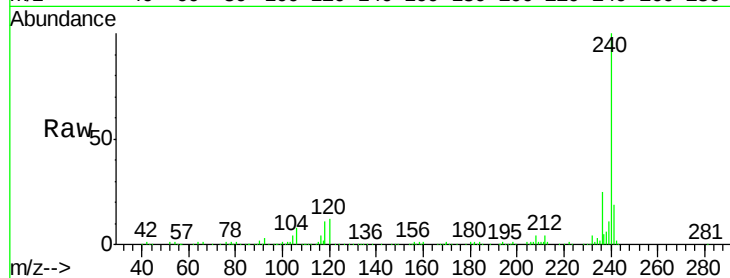
Tgt Ion:240 Resp: 327033

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

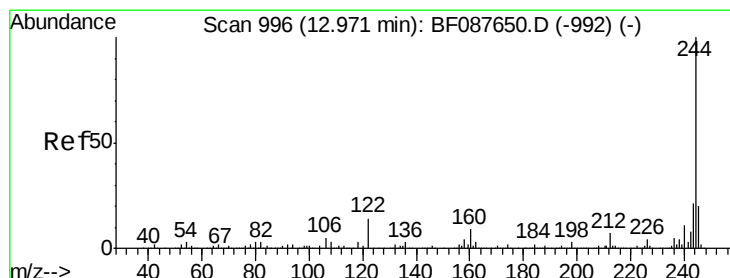
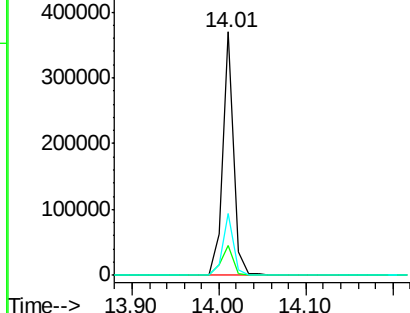
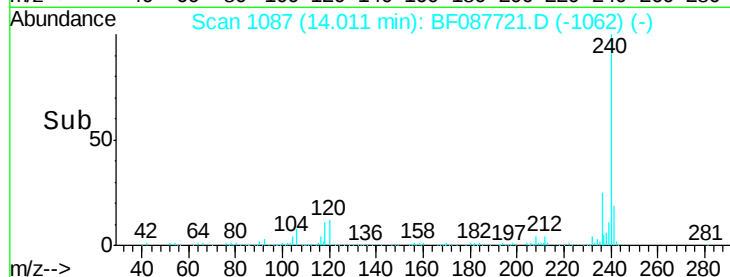
236 25.4 20.2 30.2



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



#78

Terphenyl-d14

Concen: 71.74 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087721.D

Acq: 5 Jun 2016 21:52

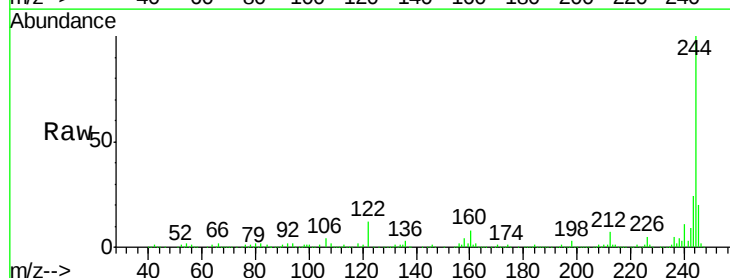
Tgt Ion:244 Resp: 961513

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

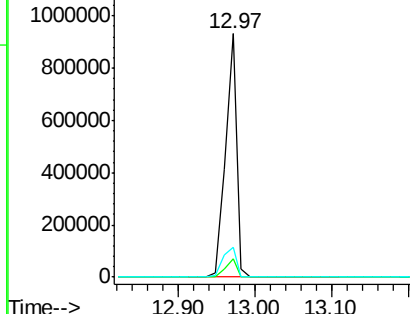
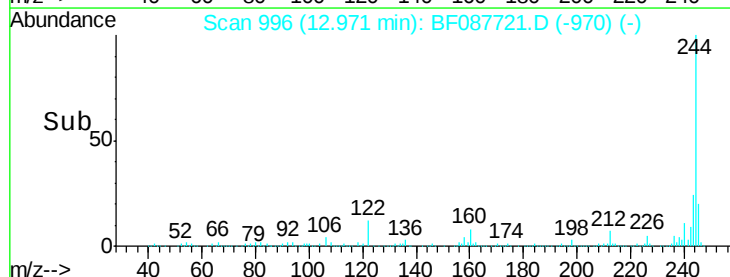
122 12.1 11.2 16.8

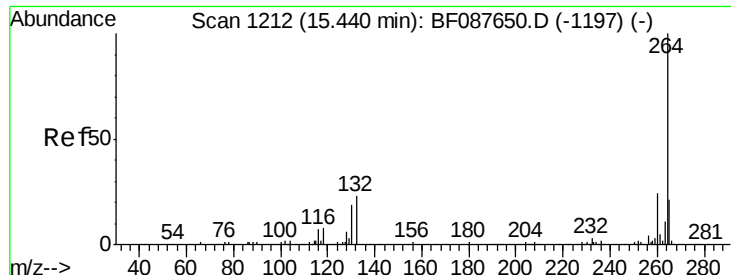


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087721.D
Acq: 5 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion: 264 Resp: 251044
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.8 16.9 25.3

