

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080053.D
 Acq On : 19 Jun 2015 12:39
 Operator : TP/IZ
 Sample : PB84077BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84077BL

Quant Time: Jun 19 23:19:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

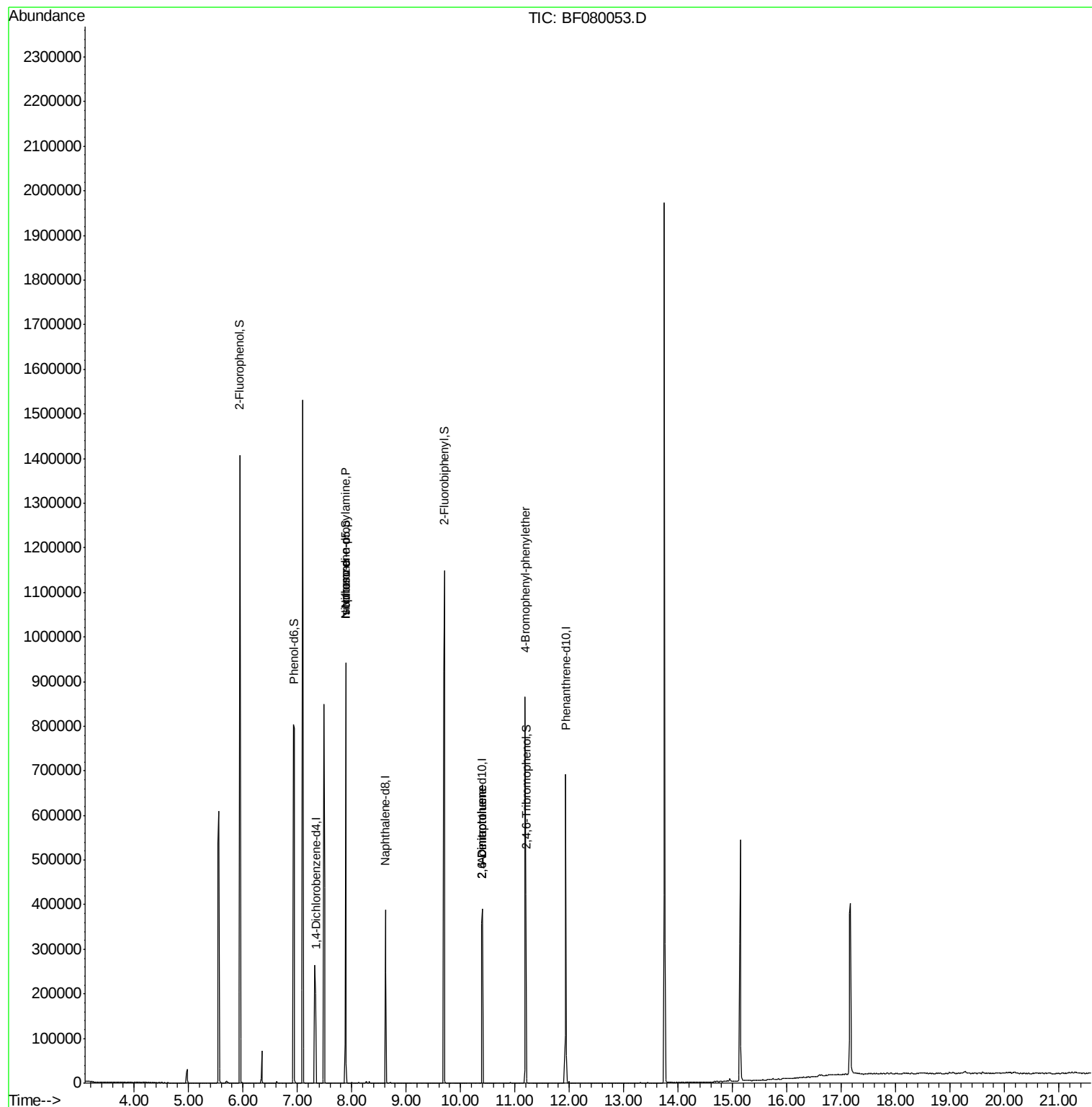
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	52318	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	215082	20.00	ng	-0.01
38) Acenaphthene-d10	10.40	164	111532	20.00	ng	0.00
63) Phenanthrene-d10	11.93	188	245824	20.00	ng	0.02
75) Chrysene-d12	0.00	240	0	0.00	ng	-14.86
86) Perylene-d12	0.00	264	0	0.00	ng	-16.75
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	335085	113.38	ng	0.00
7) Phenol-d6	6.94	99	413094	105.03	ng	0.00
23) Nitrobenzene-d5	7.89	82	256019	69.30	ng	-0.01
41) 2,4,6-Tribromophenol	11.20	330	110900	101.69	ng	0.00
44) 2-Fluorobiphenyl	9.70	172	503247	64.35	ng	0.00
78) Terphenyl-d14	13.75	244	658963	0.00	ng	0.16
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	32858	12.03	ng	# 58
25) Isophorone	7.89	82	256006	34.43	ng	# 58
50) 2,6-Dinitrotoluene	10.39	165	14698	8.74	ng	# 37
56) 2,4-Dinitrotoluene	10.39	165	14699	6.89	ng	# 31
66) 4-Bromophenyl-phenylether	11.19	248	7776	2.97	ng	# 1

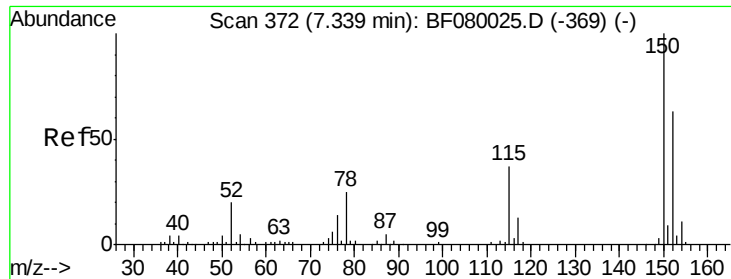
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF080053.D

Acq: 19 Jun 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB84077BL

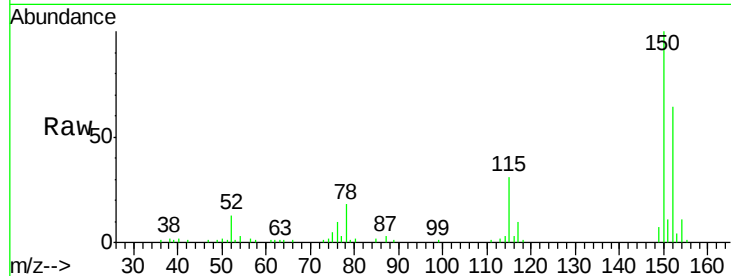
Tgt Ion:152 Resp: 52318

Ion Ratio Lower Upper

152 100

150 156.8 124.7 187.1

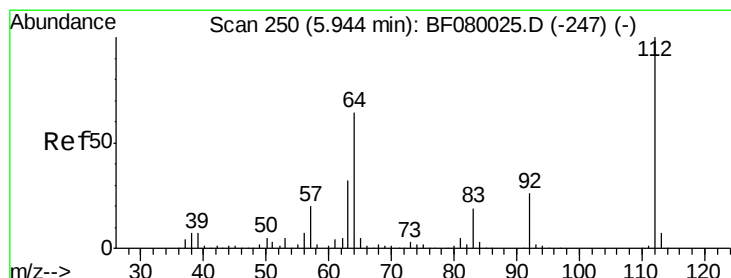
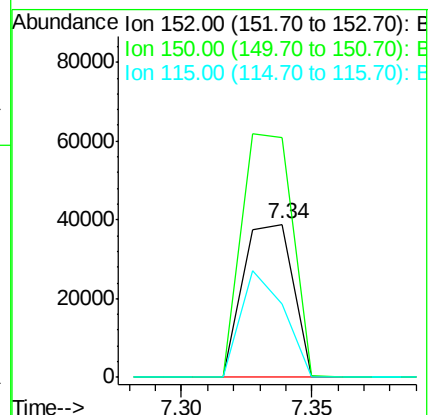
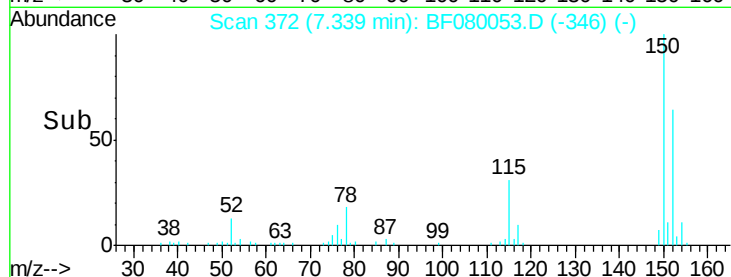
115 48.0 39.0 58.4



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: 113.38 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080053.D

Acq: 19 Jun 2015 12:39

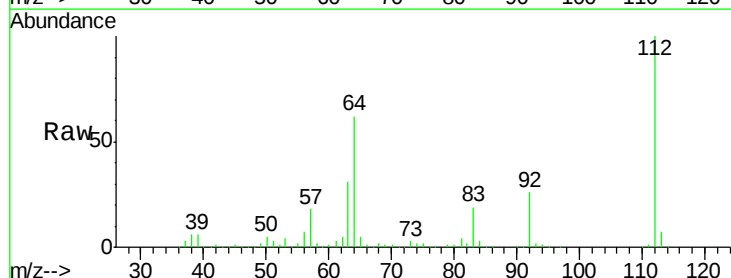
Tgt Ion:112 Resp: 335085

Ion Ratio Lower Upper

112 100

64 61.6 39.7 59.5#

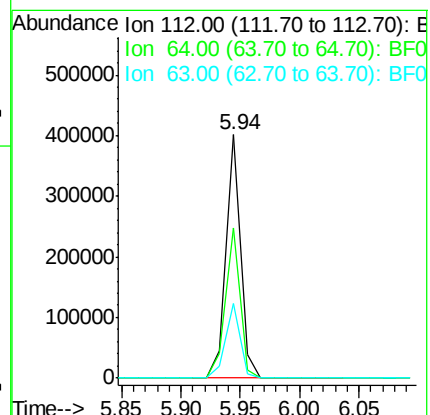
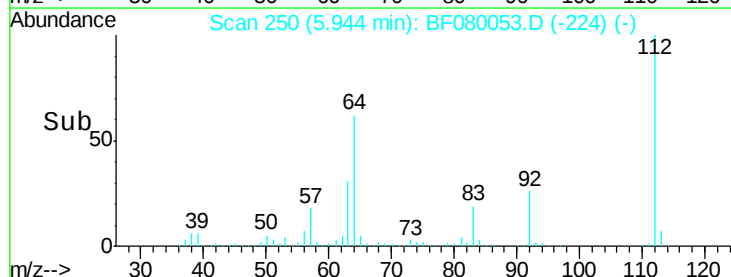
63 30.8 17.4 26.0#

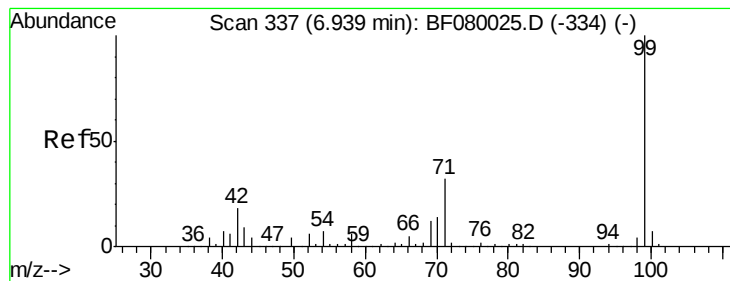


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.03 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080053.D

Acq: 19 Jun 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB84077BL

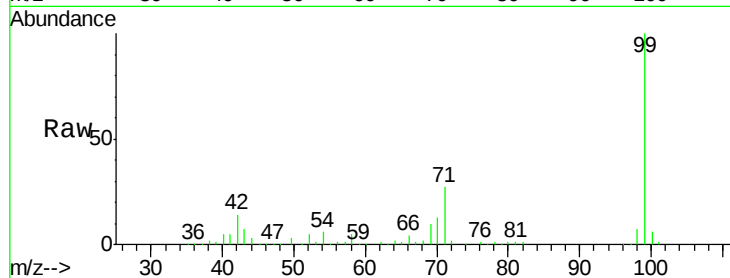
Tgt Ion: 99 Resp: 413094

Ion Ratio Lower Upper

99 100

42 13.6 13.7 20.5#

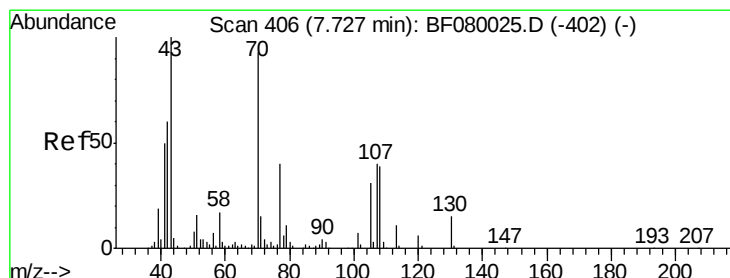
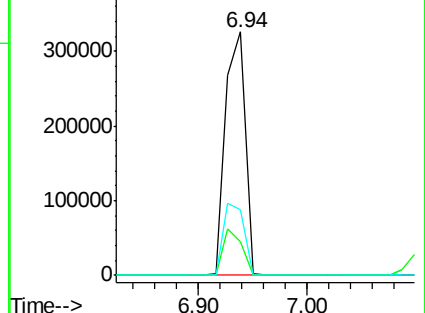
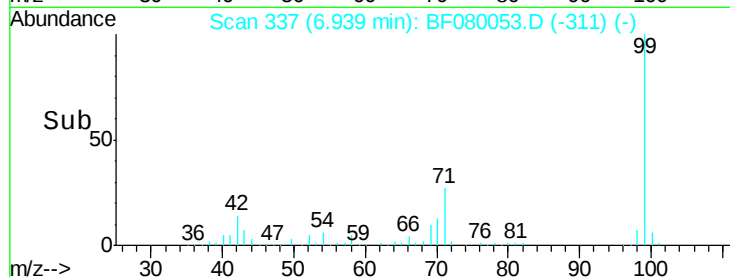
71 27.1 14.2 21.2#



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: 12.03 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF080053.D

Acq: 19 Jun 2015 12:39

Tgt Ion: 70 Resp: 32858

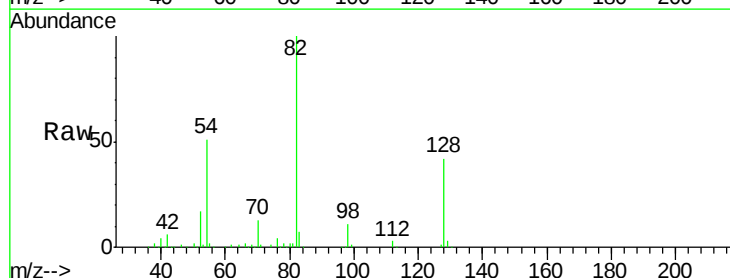
Ion Ratio Lower Upper

70 100

42 47.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

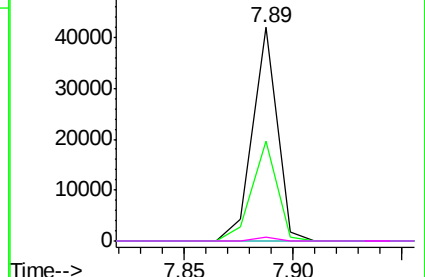
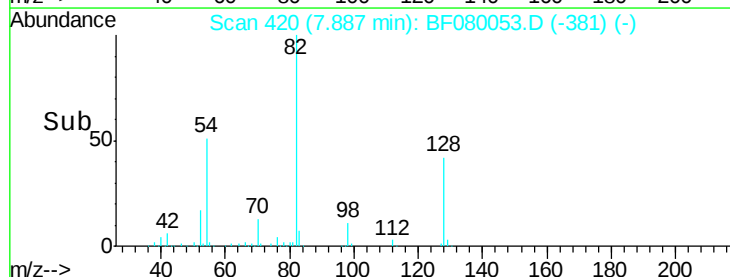


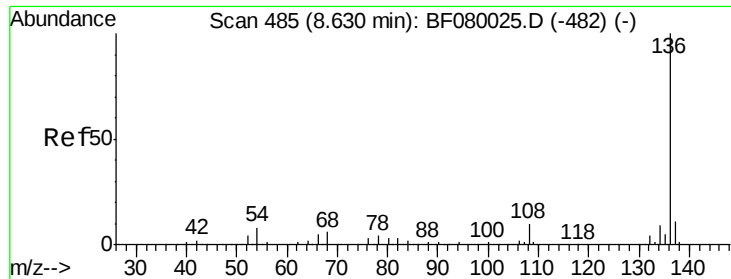
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

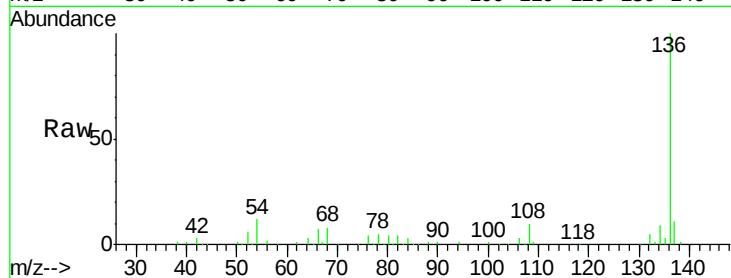




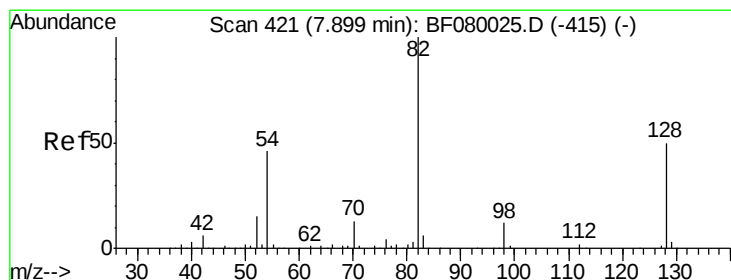
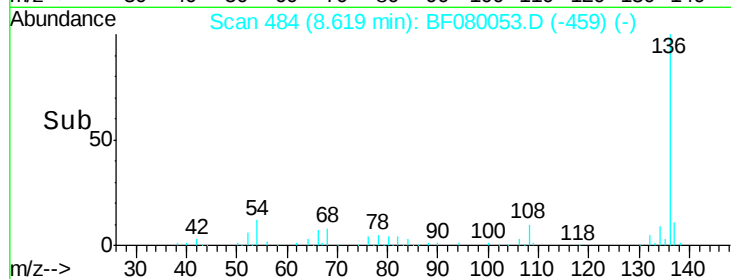
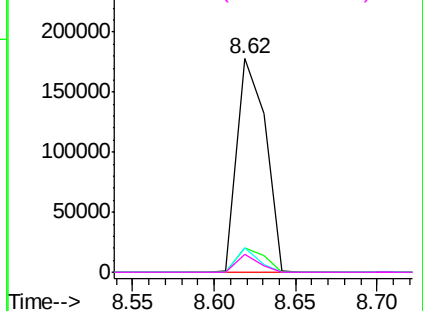
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080053.D
Acq: 19 Jun 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB84077BL

Tgt Ion:	136	Resp:	215082
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	11.5	8.2	12.2
68	8.2	5.8	8.6

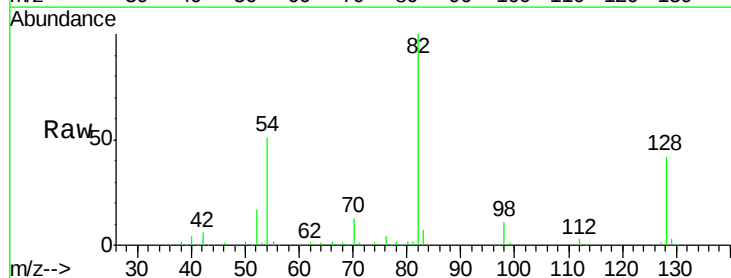


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

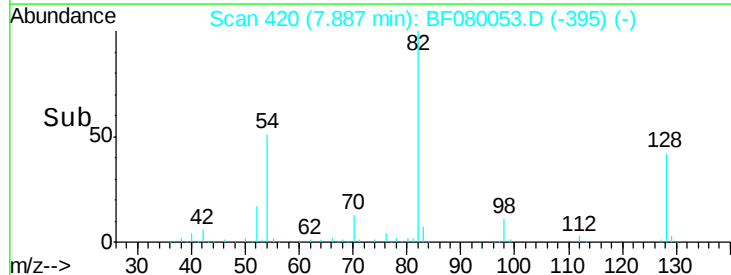
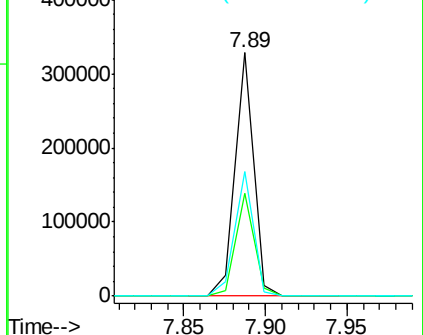


#23
Nitrobenzene-d5
Concen: 69.30 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080053.D
Acq: 19 Jun 2015 12:39

Tgt Ion:	82	Resp:	256019
Ion	Ratio	Lower	Upper
82	100		
128	42.2	51.0	76.6#
54	51.3	47.5	71.3



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: 34.43 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080053.D

Acq: 19 Jun 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB84077BL

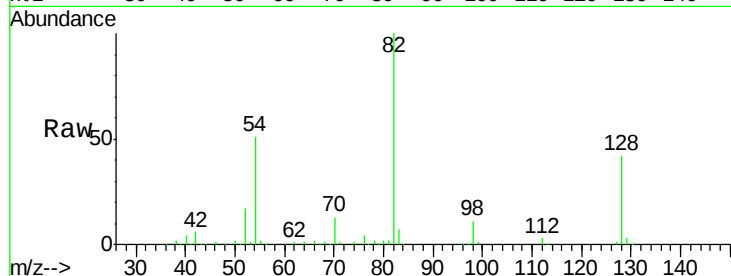
Tgt Ion: 82 Resp: 256006

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#

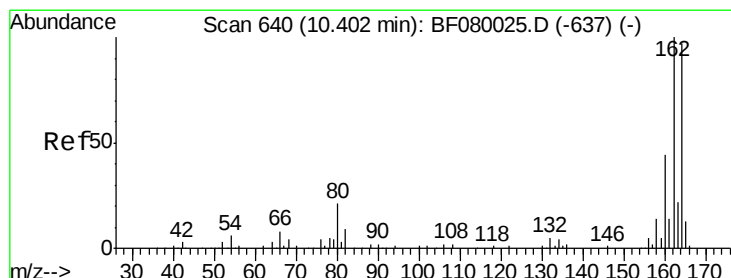
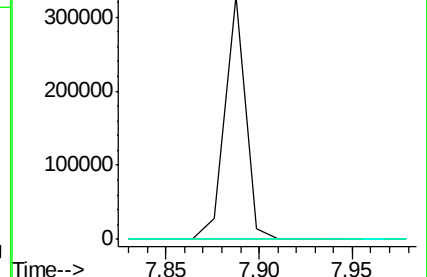
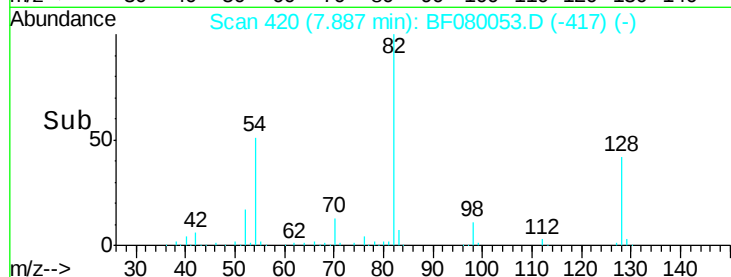


Abundance Ion 82.00 (81.70 to 82.70): BF080025.D (-440) (-)

Ion 95.00 (94.70 to 95.70): BF080025.D (-440) (-)

Ion 138.00 (137.70 to 138.70): BF080025.D (-440) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF080053.D

Acq: 19 Jun 2015 12:39

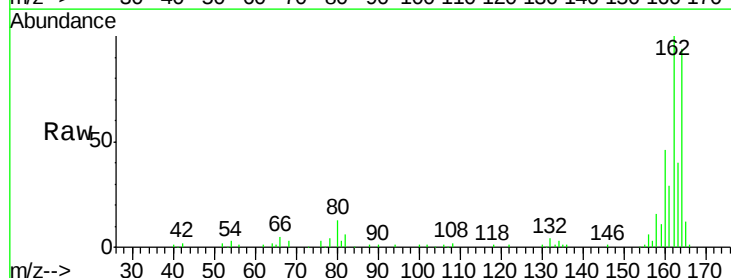
Tgt Ion: 164 Resp: 111532

Ion Ratio Lower Upper

164 100

162 106.6 75.2 112.8

160 48.7 31.5 47.3#

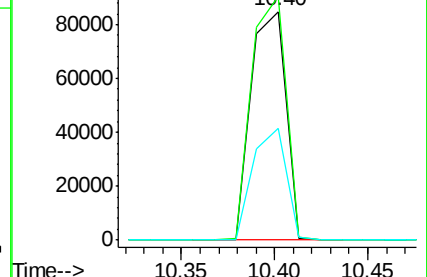
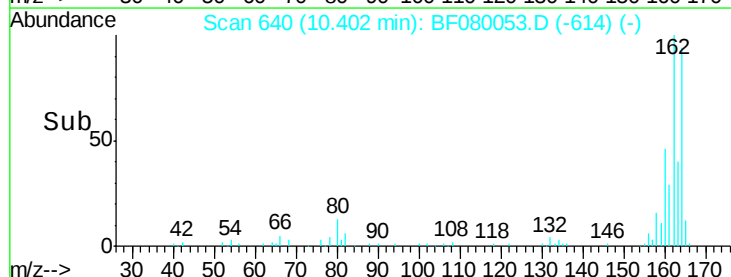


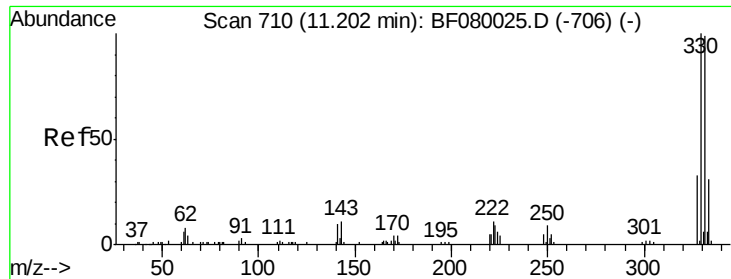
Abundance Ion 164.00 (163.70 to 164.70): BF080025.D (-637) (-)

Ion 162.00 (161.70 to 162.70): BF080025.D (-637) (-)

Ion 160.00 (159.70 to 160.70): BF080025.D (-637) (-)

Time-->

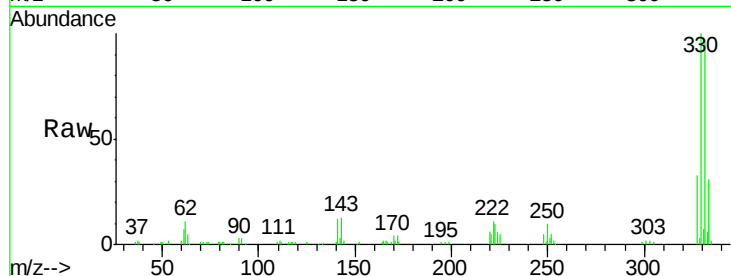




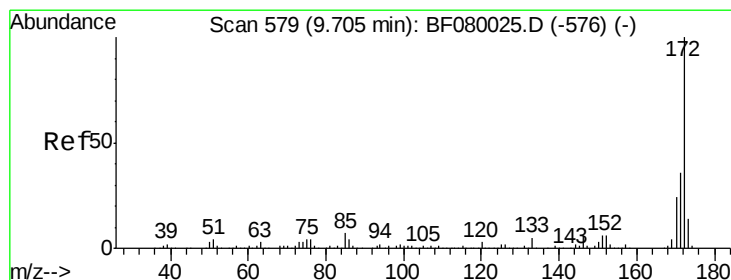
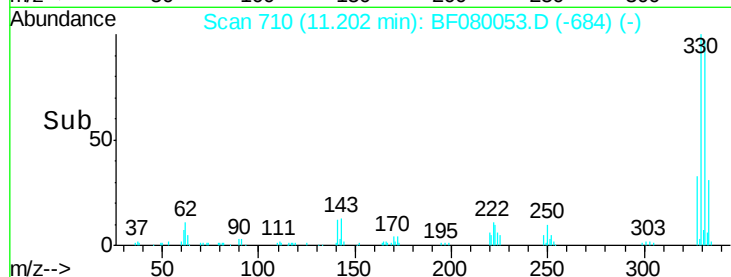
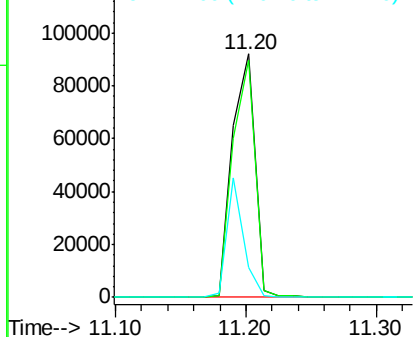
#41
 2,4,6-Tribromophenol
 Concen: 101.69 ng
 RT: 11.20 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF080053.D
 Acq: 19 Jun 2015 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84077BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	36.2	29.7	44.5

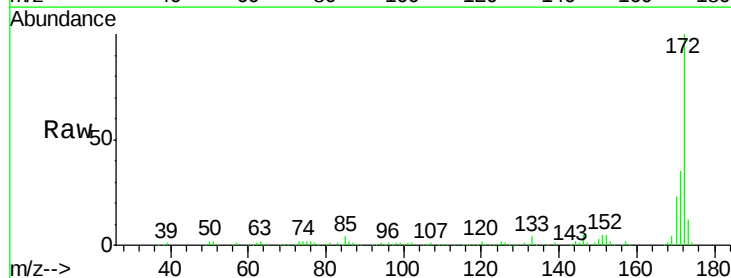


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

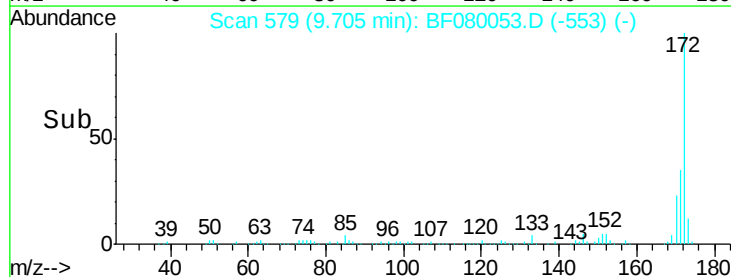
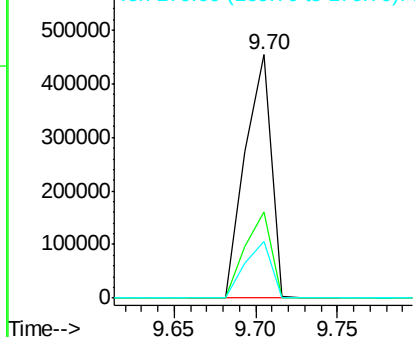


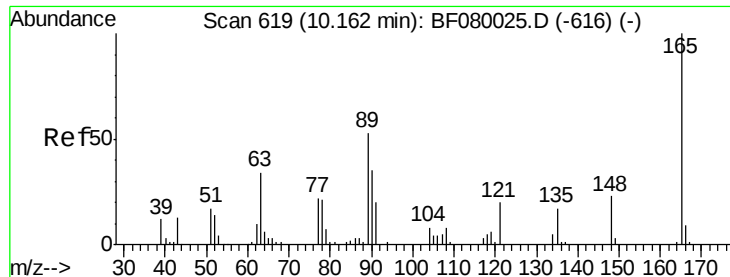
#44
 2-Fluorobiphenyl
 Concen: 64.35 ng
 RT: 9.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF080053.D
 Acq: 19 Jun 2015 12:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	23.5	17.4	26.2



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

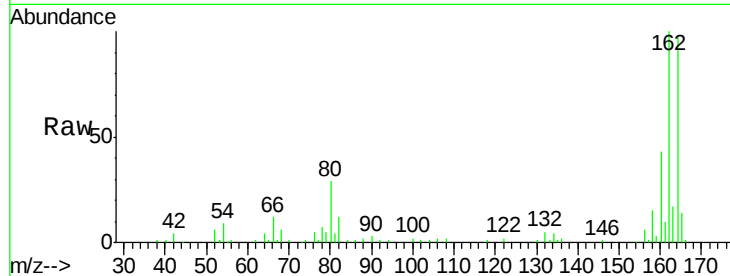




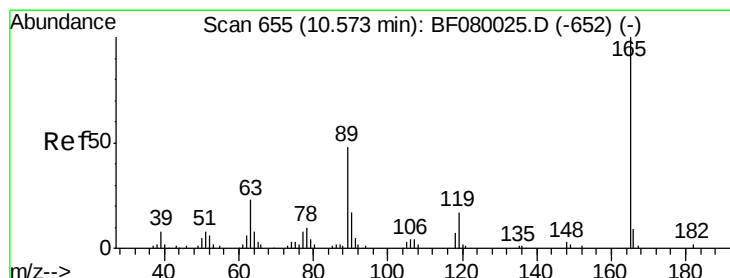
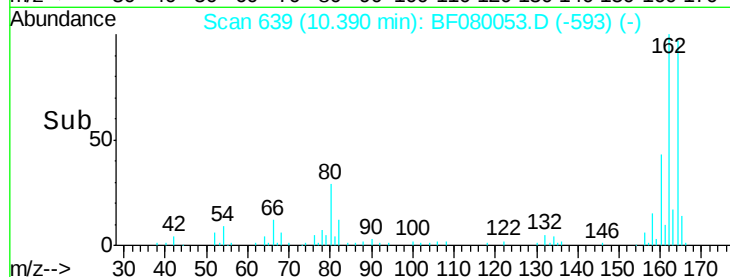
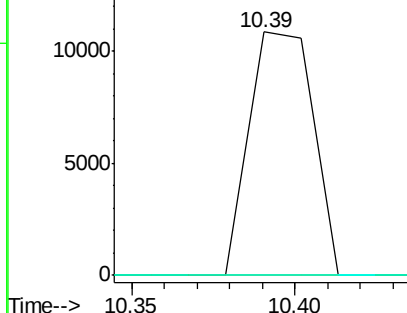
#50
 2,6-Dinitrotoluene
 Concen: 8.74 ng
 RT: 10.39 min Scan# 639
 Delta R.T. 0.23 min
 Lab File: BF080053.D
 Acq: 19 Jun 2015 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84077BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



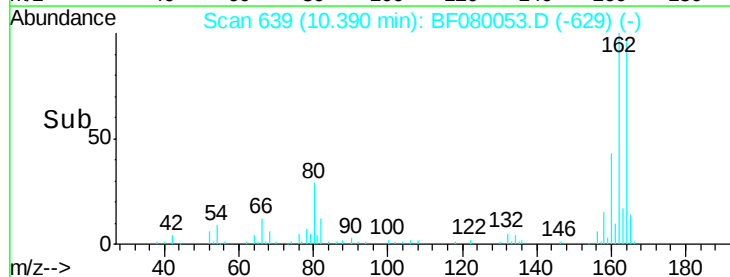
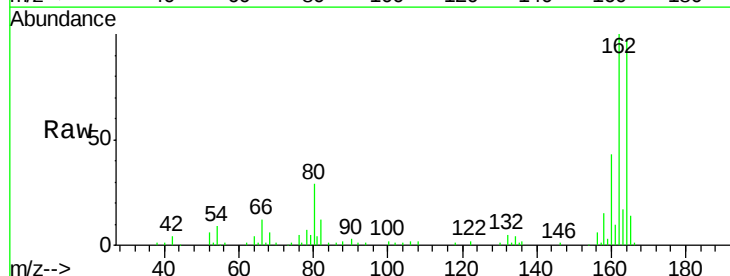
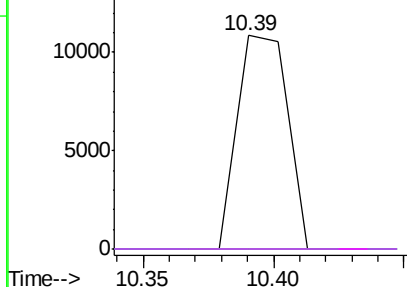
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

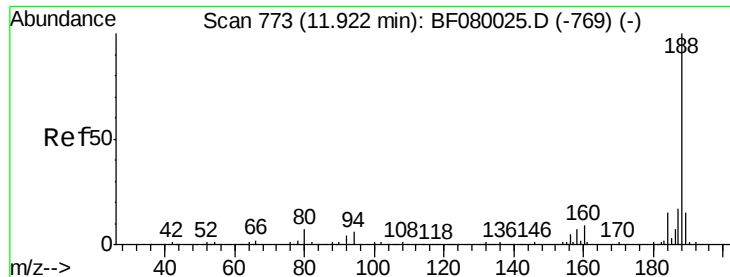


#56
 2,4-Dinitrotoluene
 Concen: 6.89 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.18 min
 Lab File: BF080053.D
 Acq: 19 Jun 2015 12:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

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

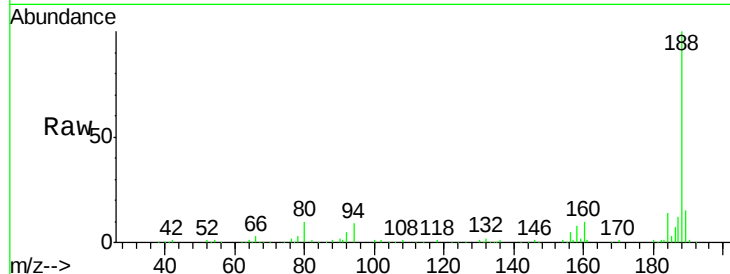




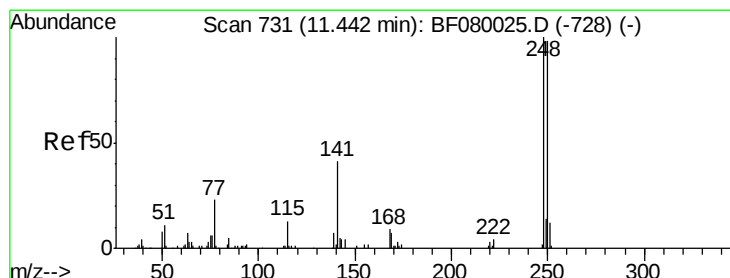
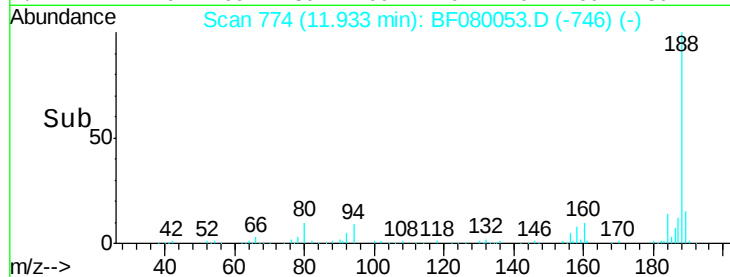
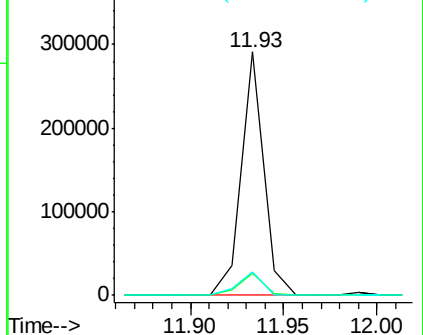
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.93 min Scan# 774
 Delta R.T. 0.02 min
 Lab File: BF080053.D
 Acq: 19 Jun 2015 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84077BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	11.1	16.7#
80	9.7	11.0	16.4#

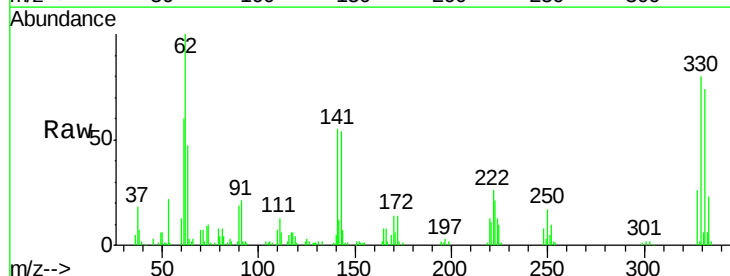


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

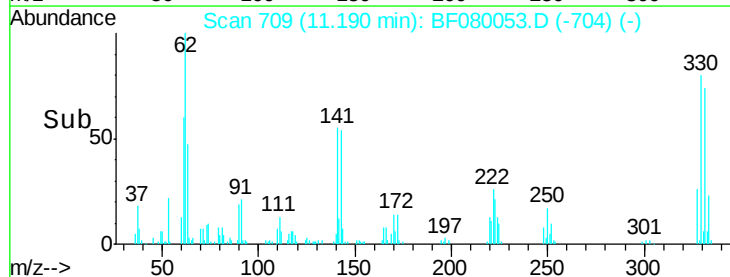
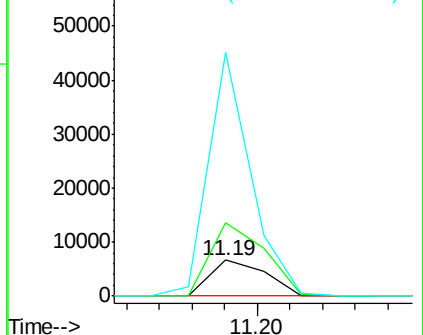


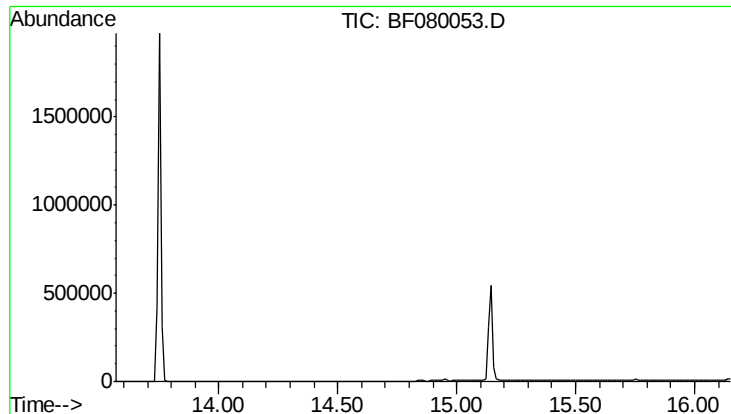
#66
 4-Bromophenyl-phenylether
 Concen: 2.97 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.24 min
 Lab File: BF080053.D
 Acq: 19 Jun 2015 12:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.0	78.5	117.7#
141	677.7	59.0	88.6#



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: 0.00 ng

Expected RT: 14.86 min

Lab File: BF080053.D

Acq: 19 Jun 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB84077BL

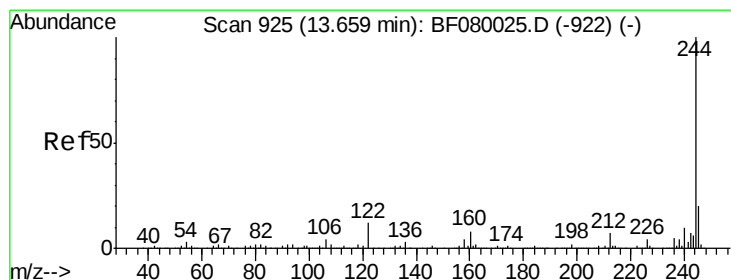
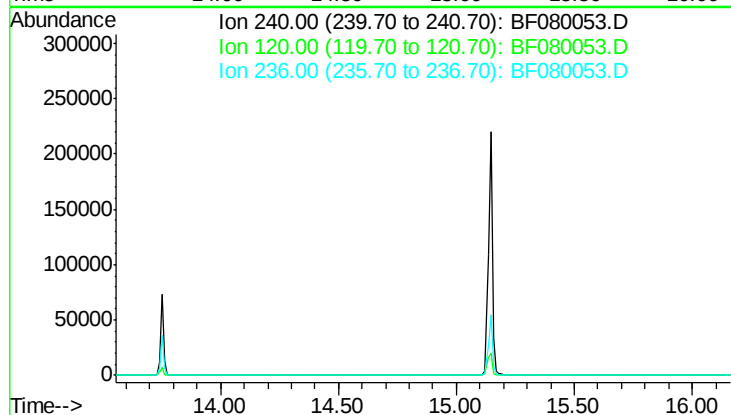
Tgt Ion: 240

Sig Exp Ratio

240 100

120 20.2

236 23.0



#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.75 min Scan# 933

Delta R.T. 0.16 min

Lab File: BF080053.D

Acq: 19 Jun 2015 12:39

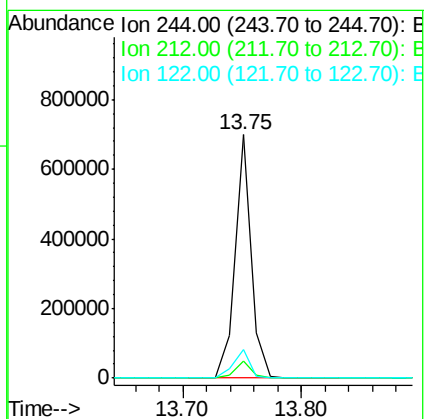
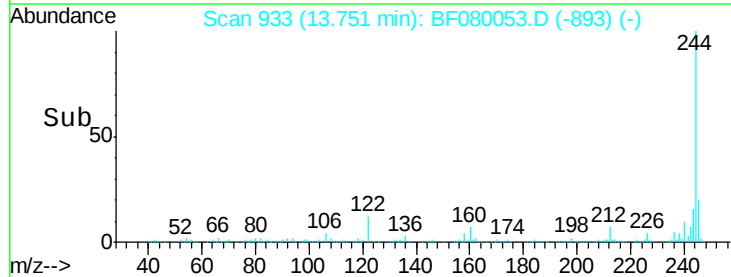
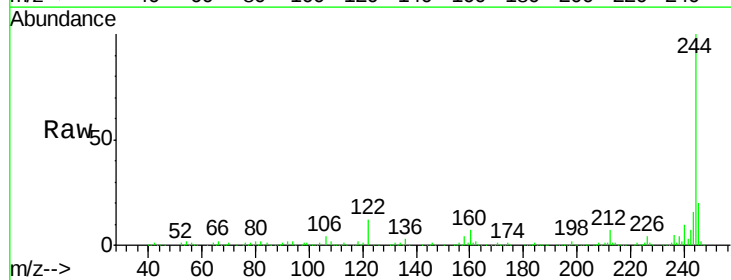
Tgt Ion:244 Resp: 658963

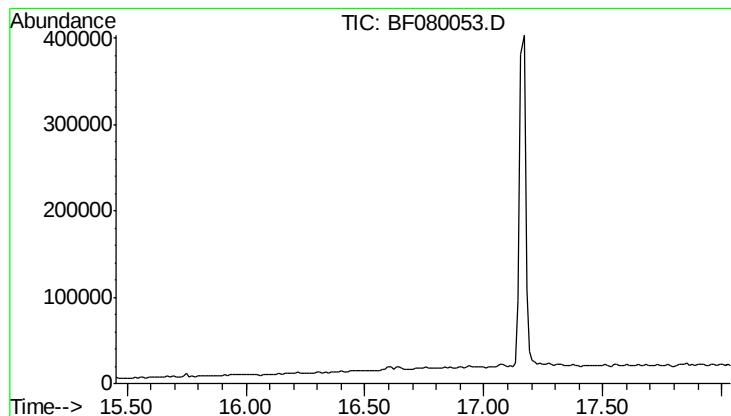
Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

122 11.6 17.4 26.2#





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 16.75 min

Lab File: BF080053.D
Acq: 19 Jun 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB84077BL

Tgt Ion: 264
Sig Exp Ratio
264 100
260 20.9
265 21.5

