

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086025.D
 Acq On : 2 Apr 2016 21:36
 Operator : UM/SJ
 Sample : PB89347BL
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89347BL

Quant Time: Apr 04 01:09:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

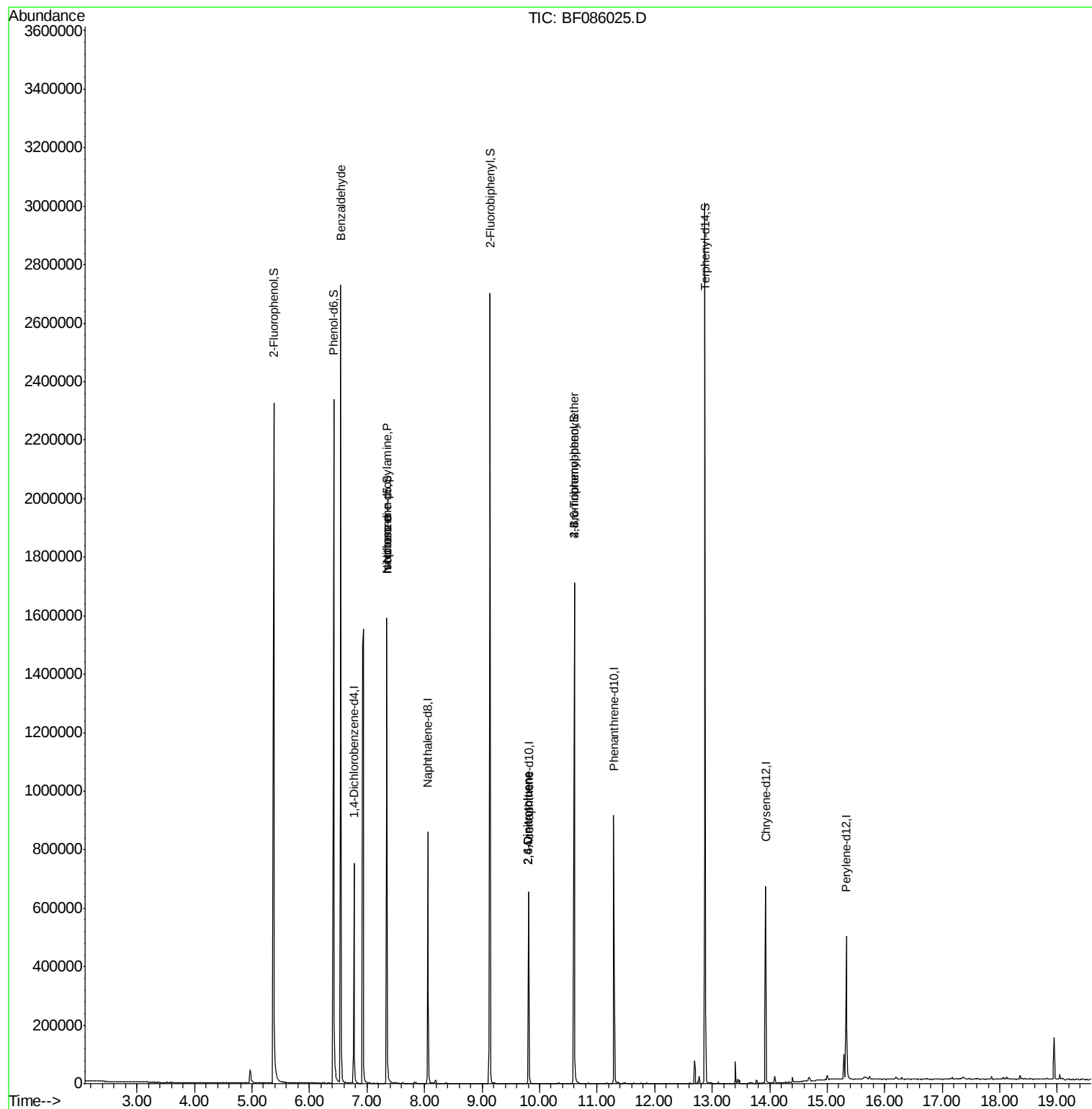
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	111756	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	429516	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	188322	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	361799	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	235830	20.00	ng	0.00
86) Perylene-d12	15.33	264	208571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	842483	128.86	ng	0.01
7) Phenol-d6	6.42	99	943918	113.66	ng	0.00
23) Nitrobenzene-d5	7.34	82	671532	92.20	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	251903	142.51	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1128571	99.64	ng	0.00
78) Terphenyl-d14	12.88	244	926624	92.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	18627	4.17	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.34	70	87603	17.02	ng	# 75
25) Isophorone	7.34	82	669732	46.58	ng	# 68
50) 2,6-Dinitrotoluene	9.80	165	23646	8.01	ng	# 18
56) 2,4-Dinitrotoluene	9.80	165	23646	6.34	ng	# 36
66) 4-Bromophenyl-phenylether	10.60	248	16295	4.41	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: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF086025.D

Acq: 2 Apr 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB89347BL

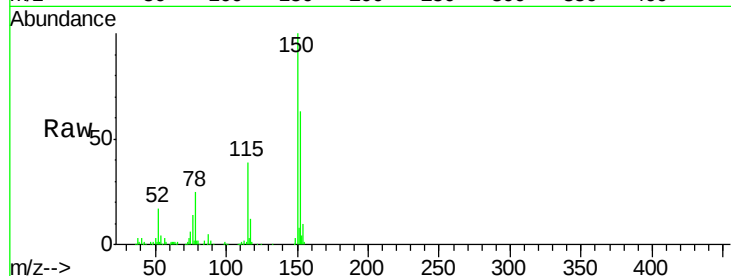
Tgt Ion:152 Resp: 111756

Ion Ratio Lower Upper

152 100

150 158.6 124.2 186.2

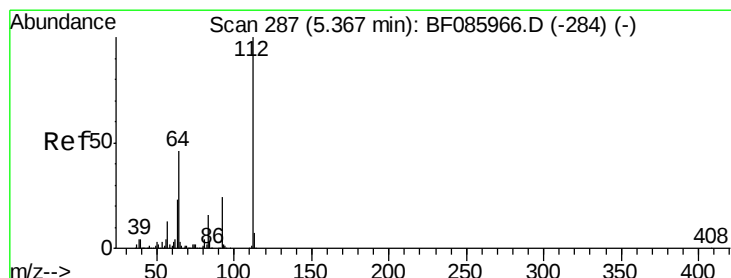
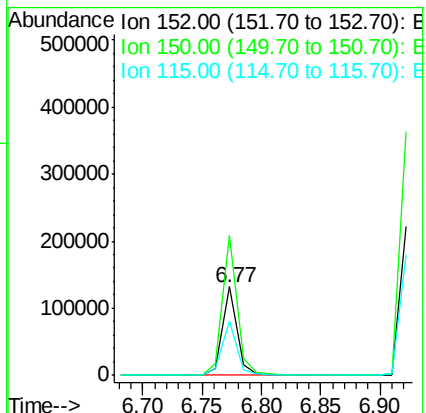
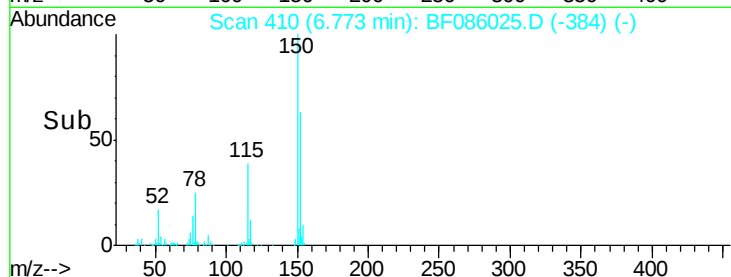
115 61.6 47.0 70.6



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: 128.86 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF086025.D

Acq: 2 Apr 2016 21:36

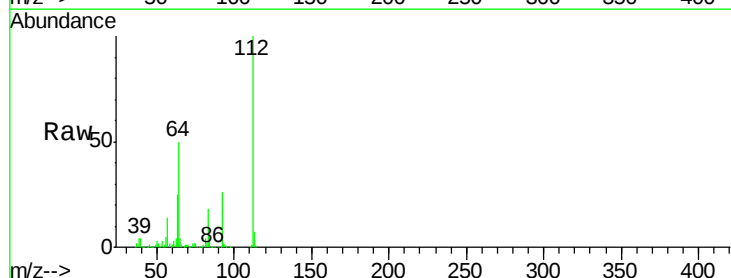
Tgt Ion:112 Resp: 842483

Ion Ratio Lower Upper

112 100

64 49.9 39.9 59.9

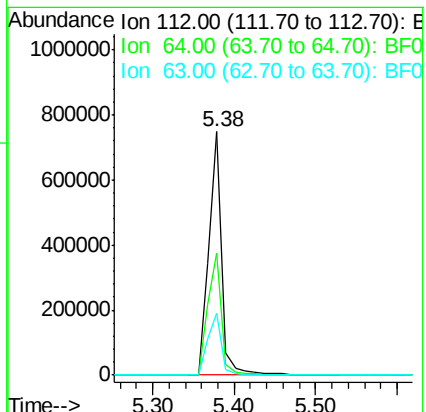
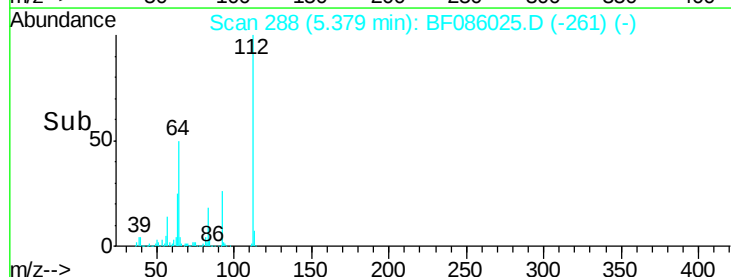
63 25.3 20.2 30.2



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: 113.66 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086025.D

Acq: 2 Apr 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB89347BL

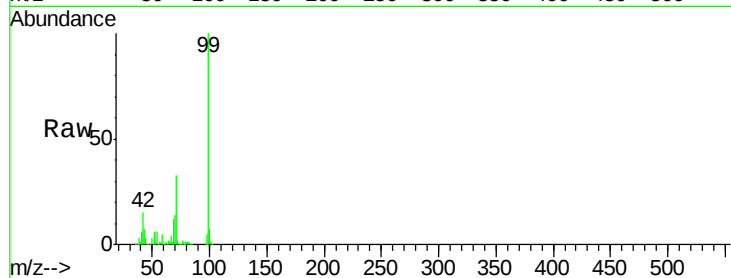
Tgt Ion: 99 Resp: 943918

Ion Ratio Lower Upper

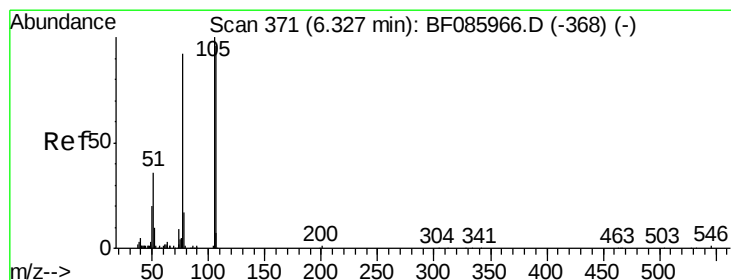
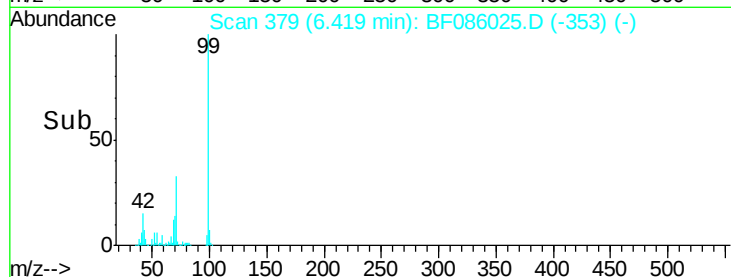
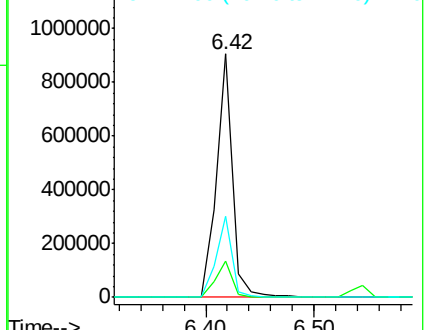
99 100

42 15.1 11.1 16.7

71 33.1 24.9 37.3



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



#9

Benzaldehyde

Concen: 4.17 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086025.D

Acq: 2 Apr 2016 21:36

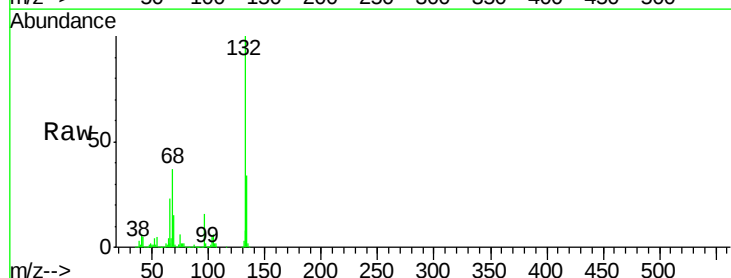
Tgt Ion: 77 Resp: 18627

Ion Ratio Lower Upper

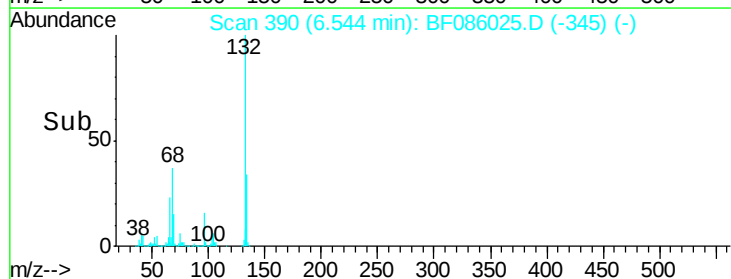
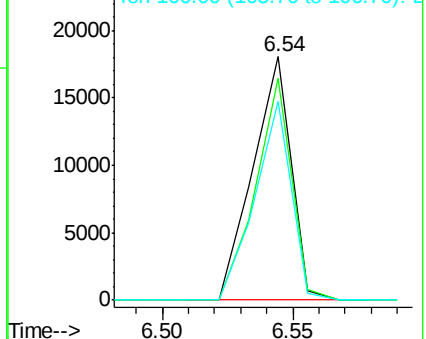
77 100

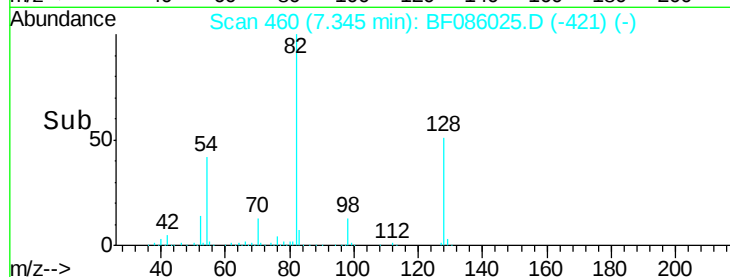
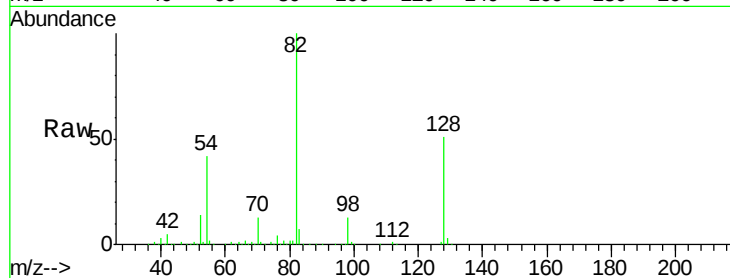
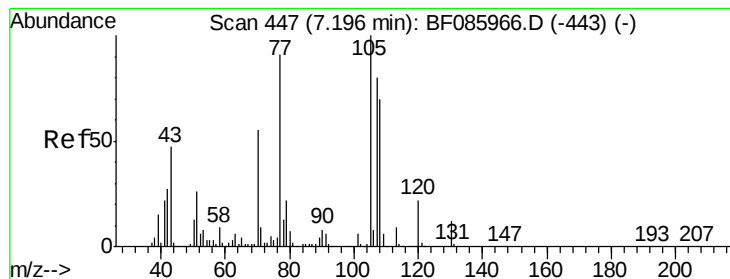
105 91.1 80.1 120.1

106 81.8 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.02 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF086025.D

Acq: 2 Apr 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB89347BL

Tgt Ion: 70 Resp: 87603

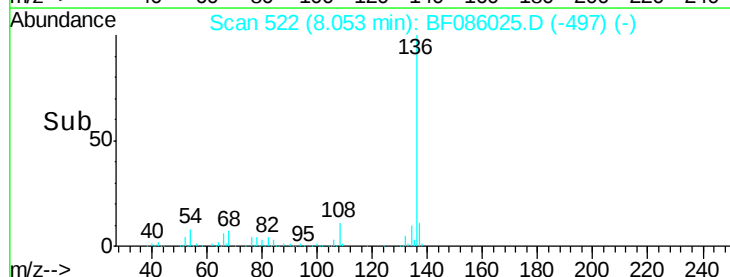
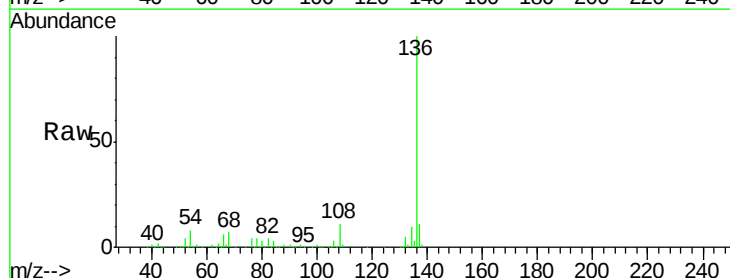
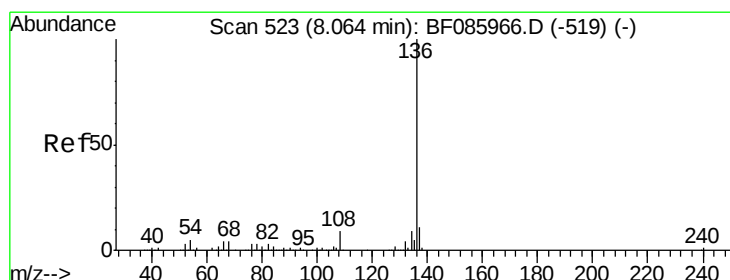
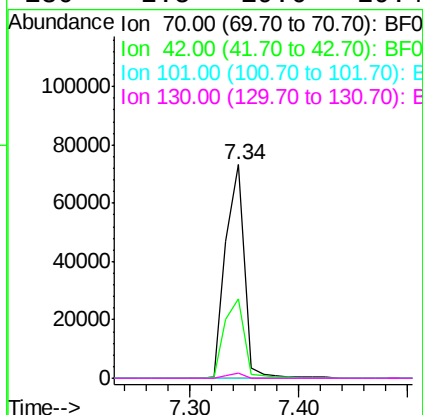
Ion Ratio Lower Upper

70 100

42 37.3 37.1 55.7

101 0.0 8.6 12.8#

130 2.5 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086025.D

Acq: 2 Apr 2016 21:36

Tgt Ion: 136 Resp: 429516

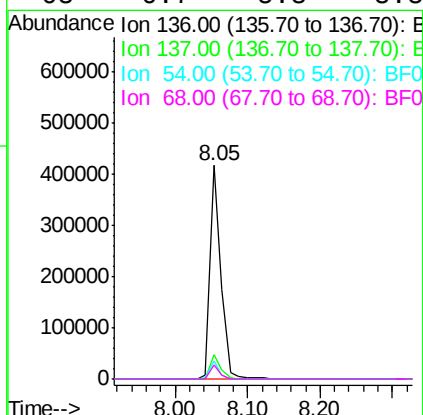
Ion Ratio Lower Upper

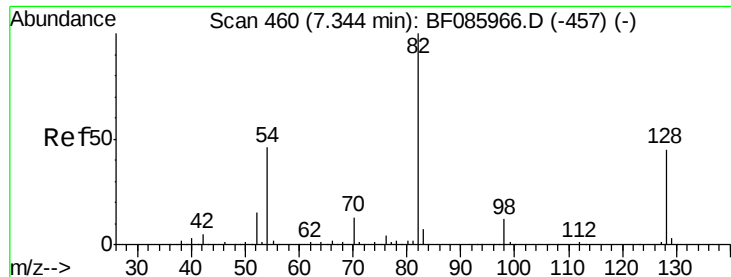
136 100

137 11.4 9.1 13.7

54 8.2 7.4 11.0

68 6.7 5.8 8.8

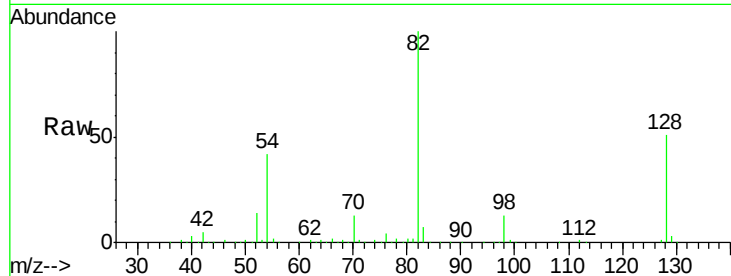




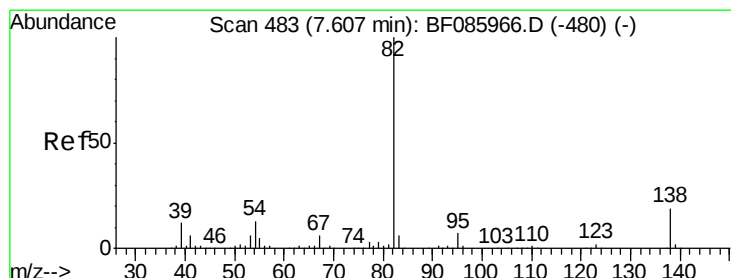
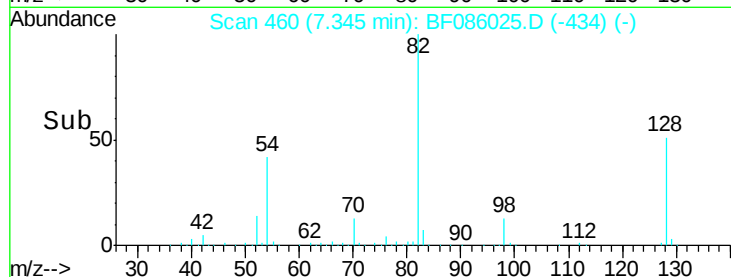
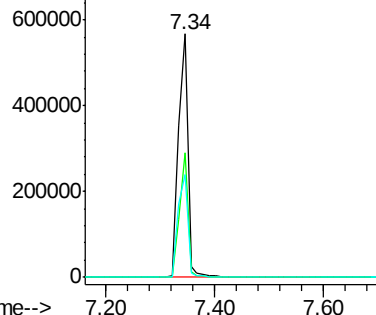
#23
 Nitrobenzene-d5
 Concen: 92.20 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086025.D
 Acq: 2 Apr 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB89347BL

Tgt Ion: 82 Resp: 671532
 Ion Ratio Lower Upper
 82 100
 128 51.1 41.8 62.8
 54 42.2 33.4 50.0

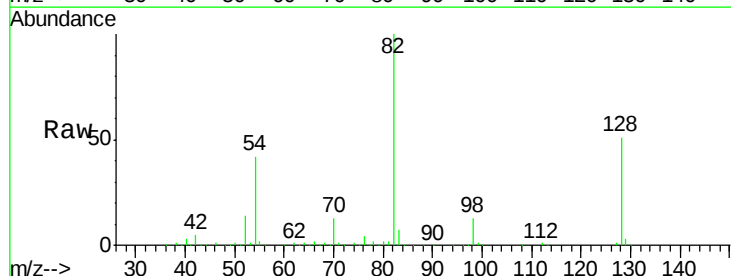


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

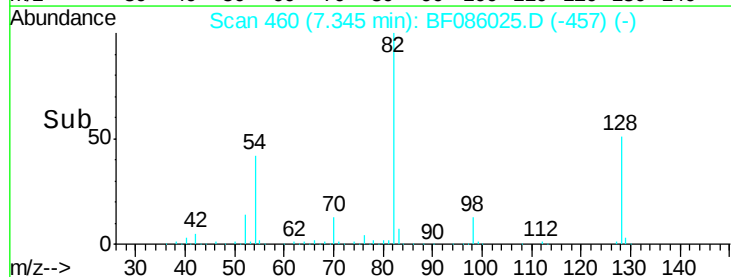
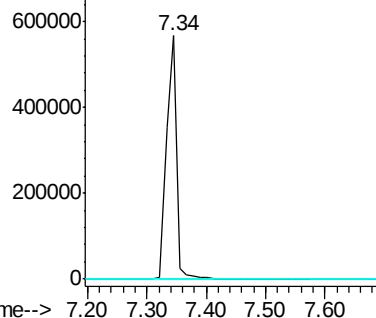


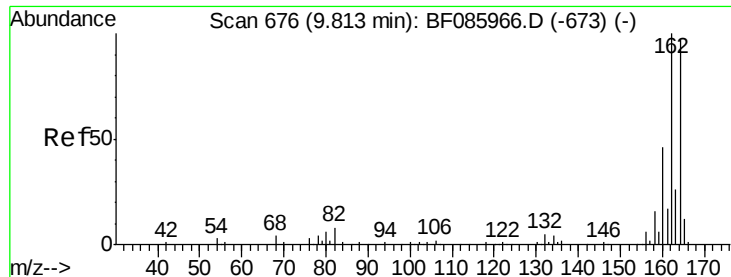
#25
 Isophorone
 Concen: 46.58 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.26 min
 Lab File: BF086025.D
 Acq: 2 Apr 2016 21:36

Tgt Ion: 82 Resp: 669732
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#



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: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086025.D

Acq: 2 Apr 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB89347BL

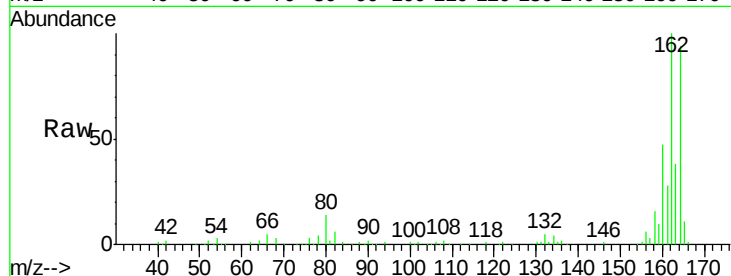
Tgt Ion:164 Resp: 188322

Ion Ratio Lower Upper

164 100

162 106.5 82.1 123.1

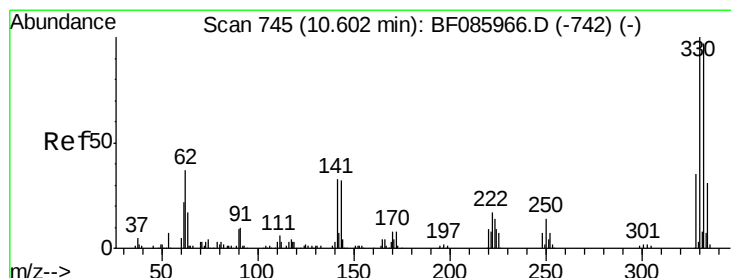
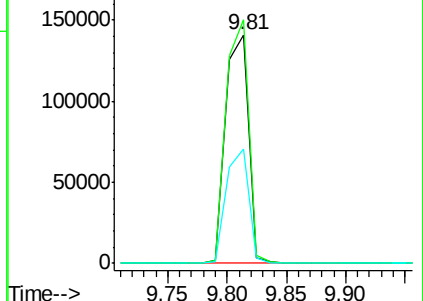
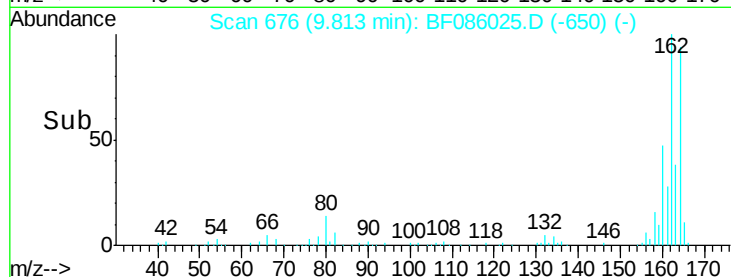
160 50.0 37.4 56.2



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: 142.51 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF086025.D

Acq: 2 Apr 2016 21:36

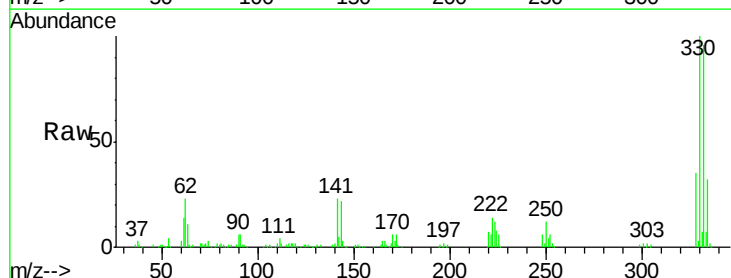
Tgt Ion:330 Resp: 251903

Ion Ratio Lower Upper

330 100

332 95.9 78.2 117.2

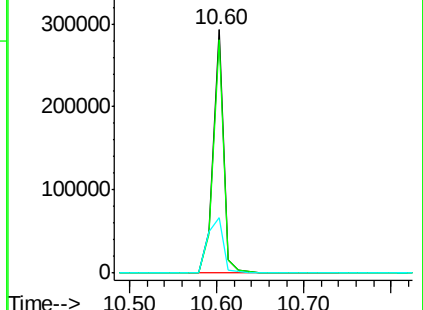
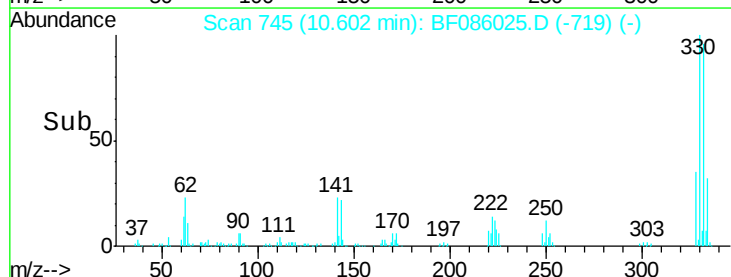
141 33.7 31.5 47.3

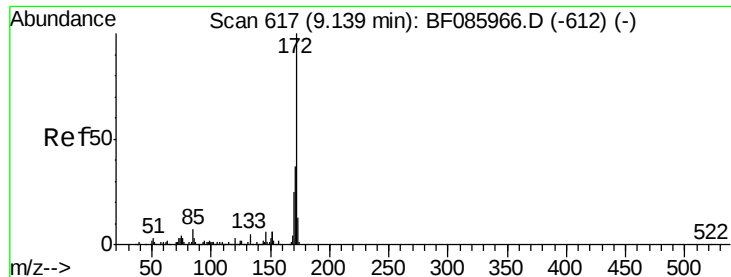


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 99.64 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF086025.D

Acq: 2 Apr 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB89347BL

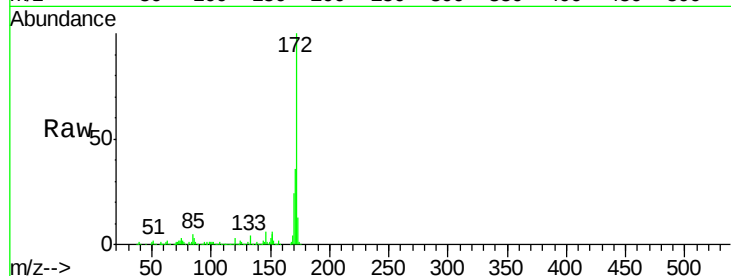
Tgt Ion:172 Resp: 1128571

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.2

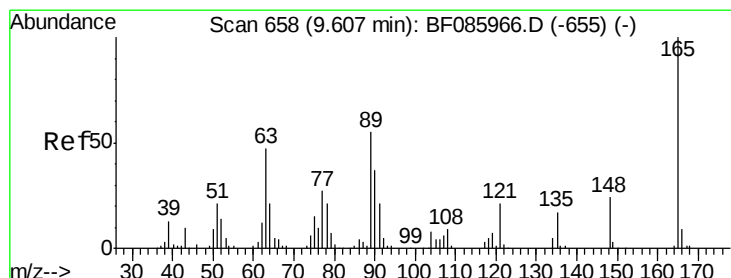
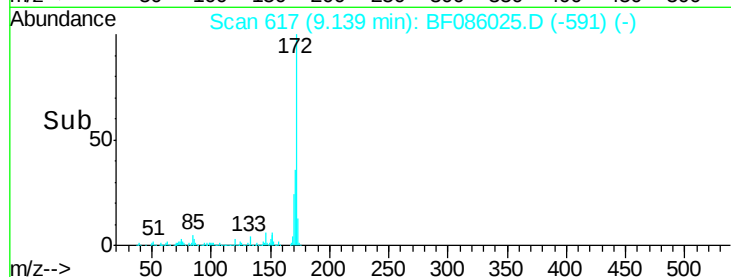
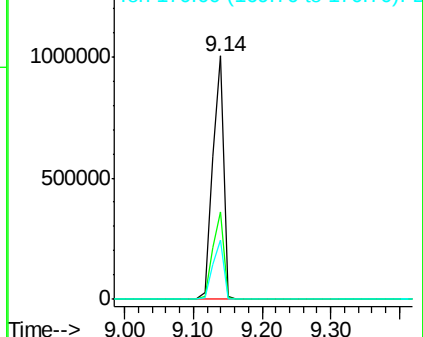
170 24.3 19.8 29.6



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: 8.01 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.19 min

Lab File: BF086025.D

Acq: 2 Apr 2016 21:36

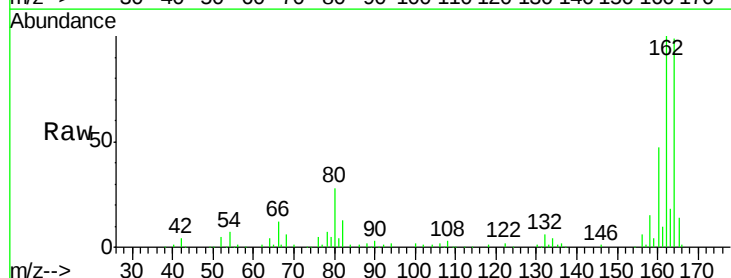
Tgt Ion:165 Resp: 23646

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

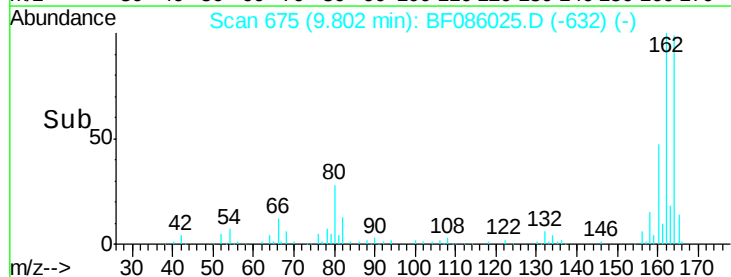
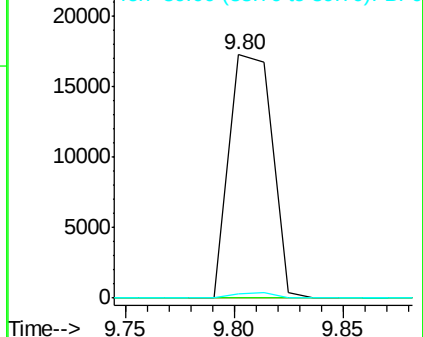
89 1.8 53.7 80.5#

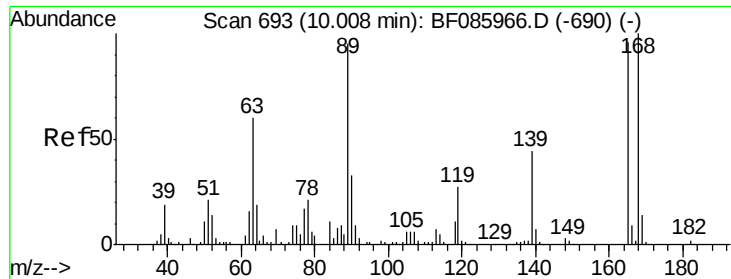


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

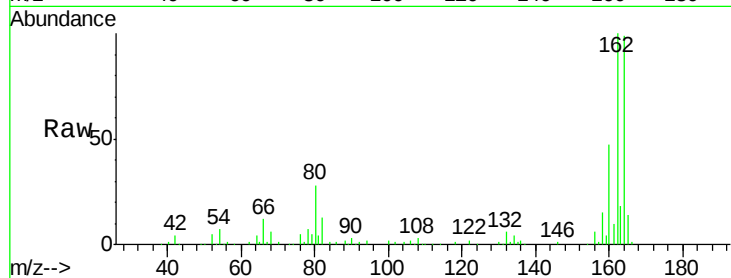




#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF086025.D
 Acq: 2 Apr 2016 21:36

Instrument :
 BNA_F
 ClientSampleID :
 PB89347BL

Tgt Ion:	165	Resp:	23646
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	1.8	41.0	61.6#
182	0.0	2.1	3.1#

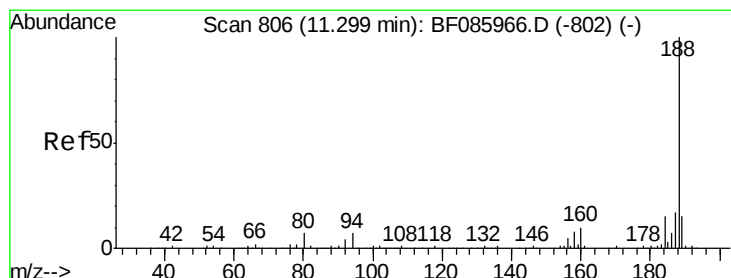
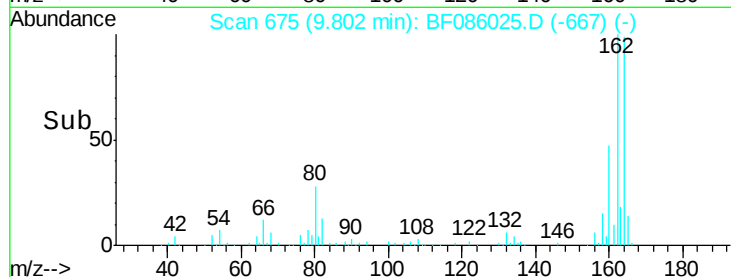
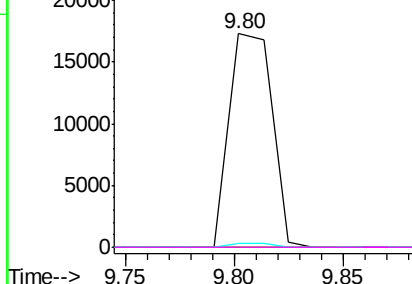


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

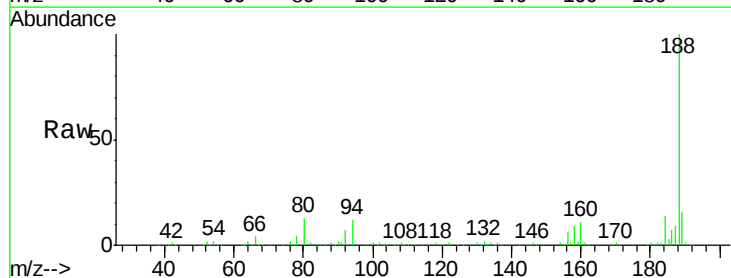
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF086025.D
 Acq: 2 Apr 2016 21:36

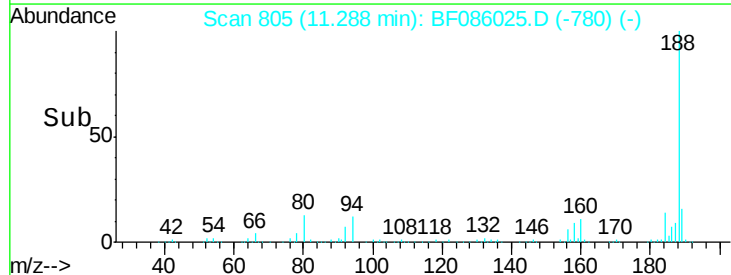
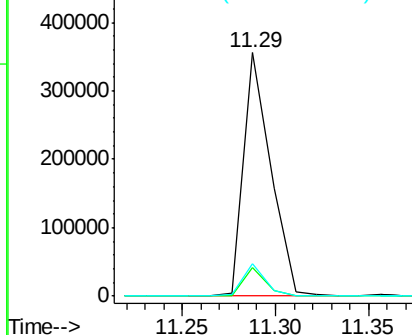
Tgt Ion:	188	Resp:	361799
Ion	Ratio	Lower	Upper
188	100		
94	12.0	5.4	8.0#
80	13.3	5.5	8.3#

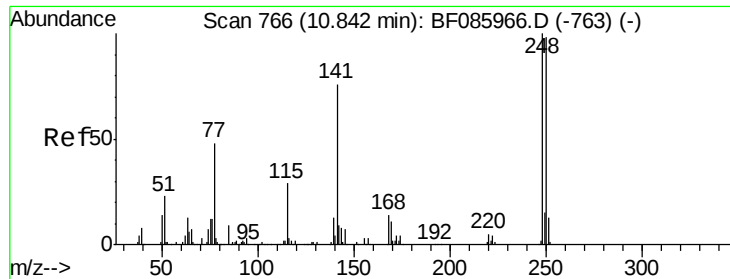


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

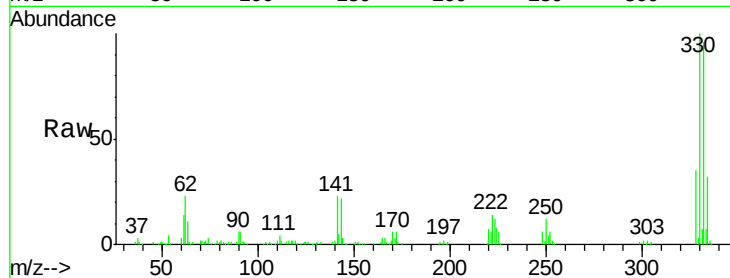




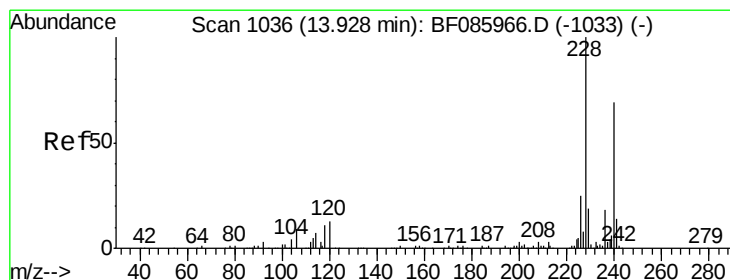
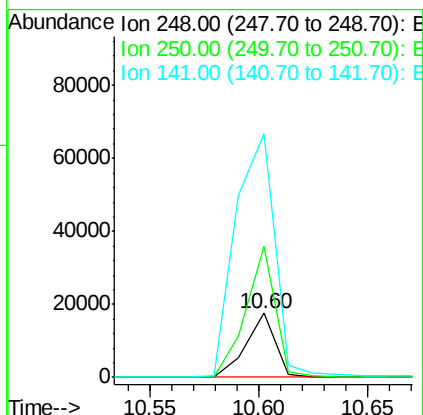
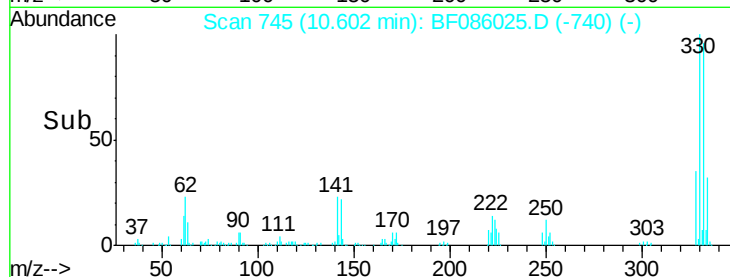
#66
 4-Bromophenyl-phenylether
 Concen: 4.41 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.24 min
 Lab File: BF086025.D
 Acq: 2 Apr 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB89347BL

Tgt Ion:248 Resp: 16295
 Ion Ratio Lower Upper
 248 100
 250 205.1 77.4 116.0#
 141 381.4 63.6 95.4#

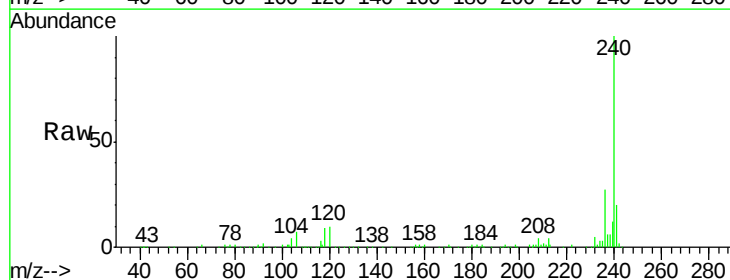


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

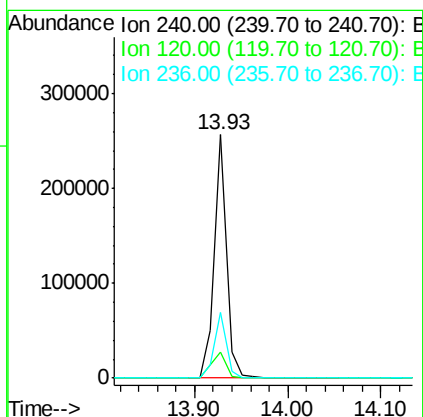
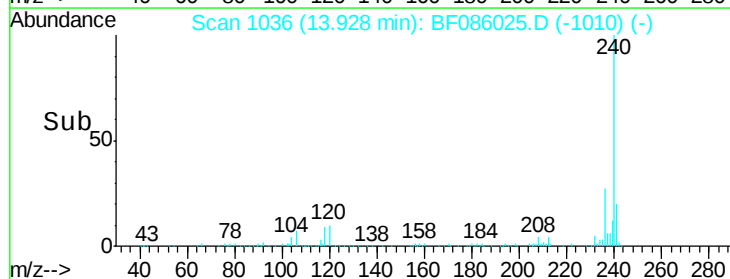


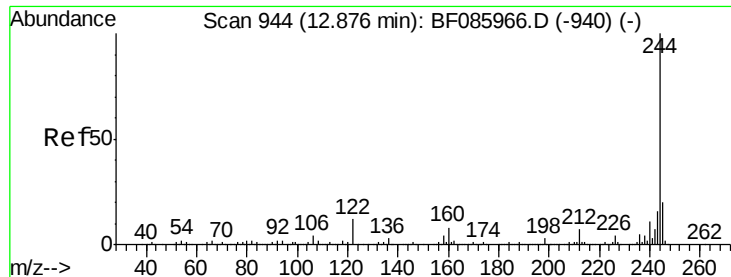
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF086025.D
 Acq: 2 Apr 2016 21:36

Tgt Ion:240 Resp: 235830
 Ion Ratio Lower Upper
 240 100
 120 10.5 13.8 20.8#
 236 26.7 20.6 30.8



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

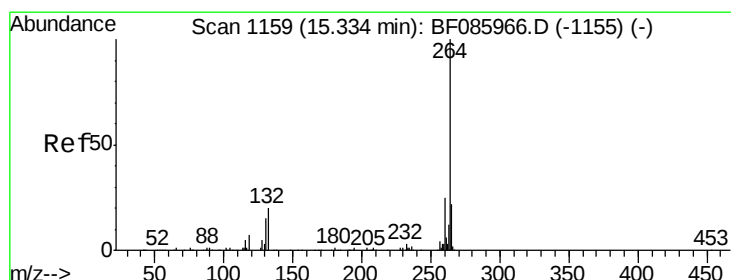
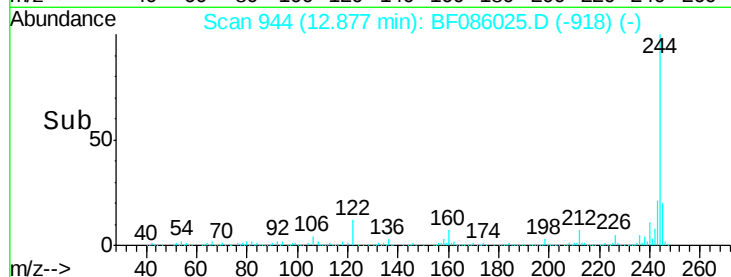
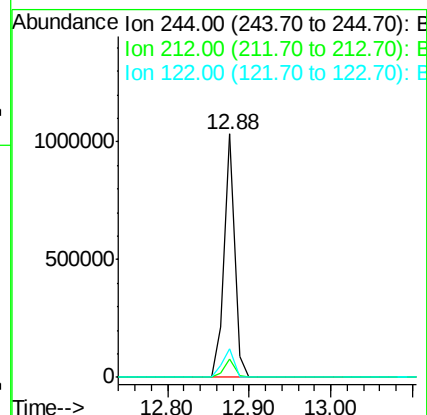
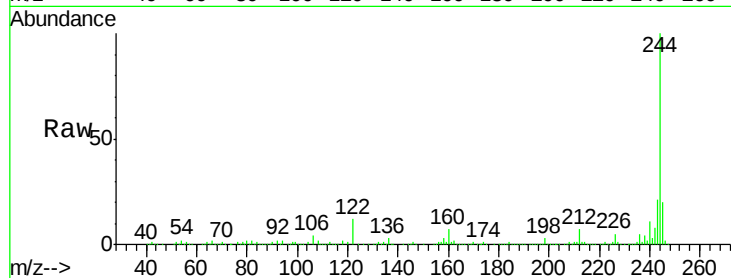




#78
 Terphenyl-d14
 Concen: 92.36 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086025.D
 Acq: 2 Apr 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB89347BL

Tgt Ion:244 Resp: 926624
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 11.7 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF086025.D
 Acq: 2 Apr 2016 21:36

Tgt Ion:264 Resp: 208571
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 21.5 17.2 25.8

