

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086006.D
 Acq On : 2 Apr 2016 12:36
 Operator : UM/SJ
 Sample : H2055-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-8(5-10)

Quant Time: Apr 04 01:03:40 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

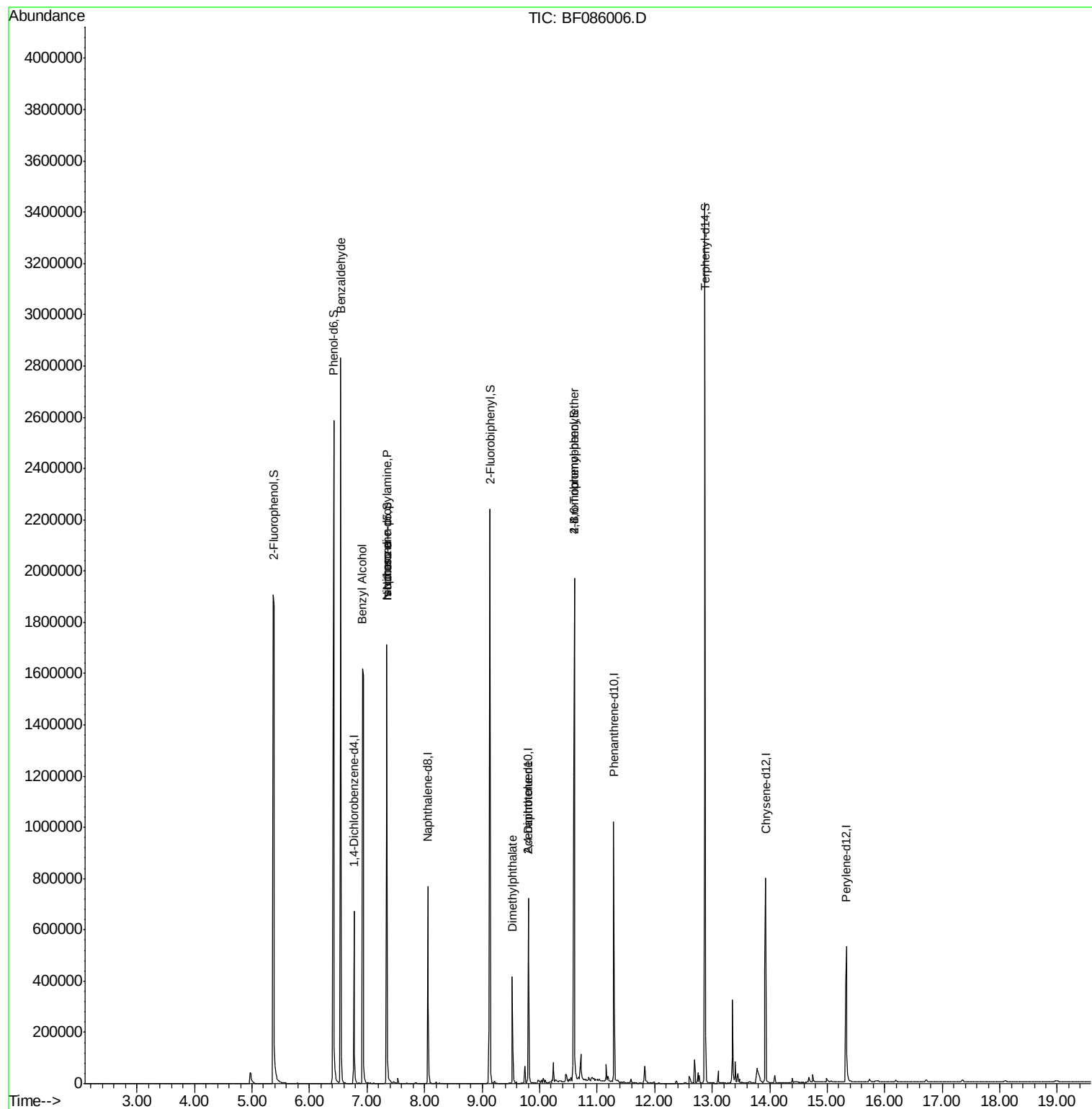
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105735	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	404896	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	184943	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	378231	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	327395	20.00	ng	0.00
86) Perylene-d12	15.33	264	271900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	927144	149.88	ng	0.01
7) Phenol-d6	6.42	99	1156800	147.23	ng	0.00
23) Nitrobenzene-d5	7.34	82	744785	108.48	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	327682	188.77	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1117482	100.46	ng	0.00
78) Terphenyl-d14	12.88	244	1110654	79.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	20311	4.80	ng	Qvalue 89
15) Benzyl Alcohol	6.92	79	10244	2.02	ng	# 50
19) n-Nitroso-di-n-propylamine	7.34	70	96383	19.79	ng	# 74
25) Isophorone	7.34	82	742639	54.79	ng	# 68
49) Dimethylphthalate	9.53	163	176451	12.87	ng	99
56) 2,4-Dinitrotoluene	9.80	165	23288	6.35	ng	# 36
66) 4-Bromophenyl-phenylether	10.60	248	20512	5.31	ng	# 1

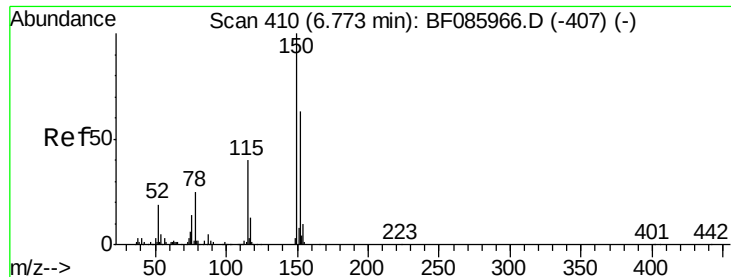
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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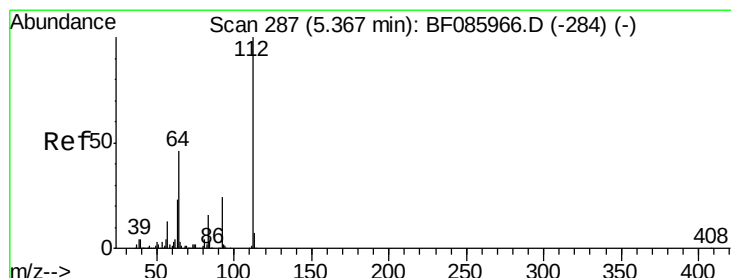
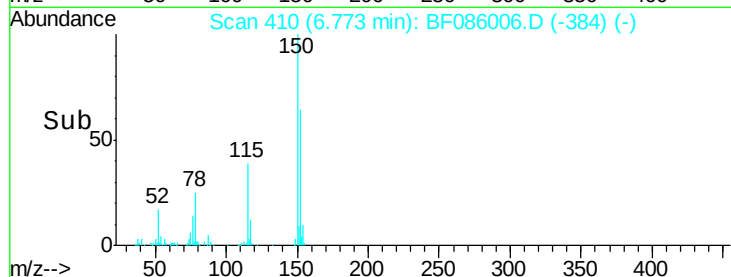
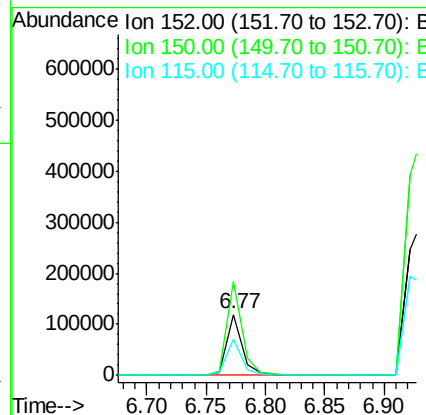
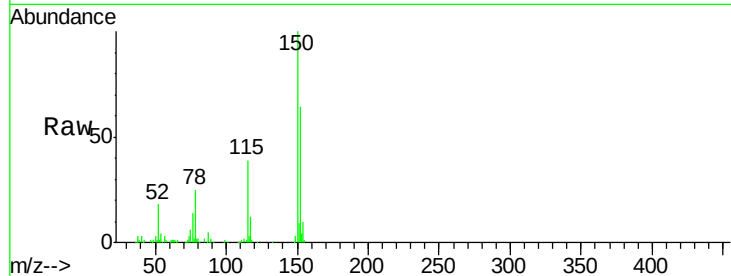


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF086006.D
Acq: 2 Apr 2016 12:36

Instrument :
BNA_F
ClientSampleId :
BH-8(5-10)

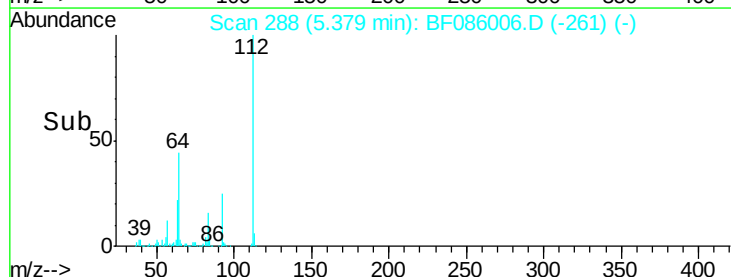
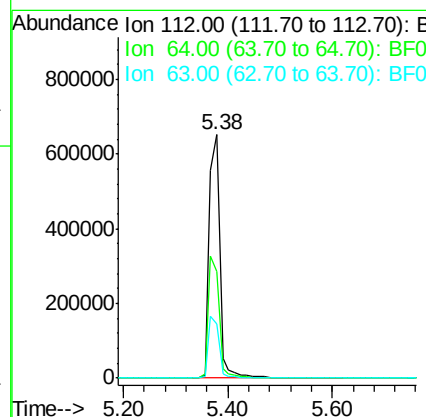
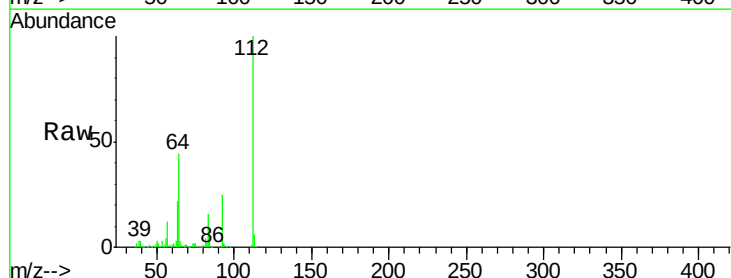
Tgt Ion:152 Resp: 105735
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 60.4 47.0 70.6

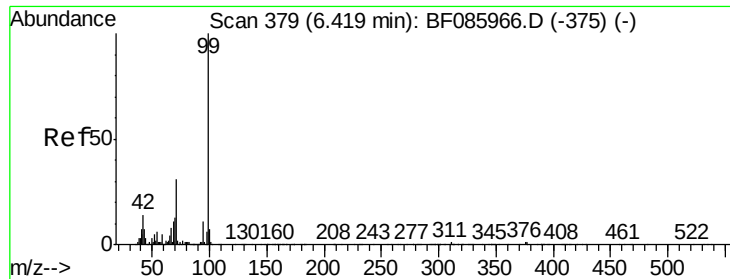


#5

2-Fluorophenol
Concen: 149.88 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF086006.D
Acq: 2 Apr 2016 12:36

Tgt Ion:112 Resp: 927144
Ion Ratio Lower Upper
112 100
64 43.9 39.9 59.9
63 22.3 20.2 30.2





#7

Phenol-d6

Concen: 147.23 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086006.D

Acq: 2 Apr 2016 12:36

Instrument :

BNA_F

ClientSampleId :

BH-8(5-10)

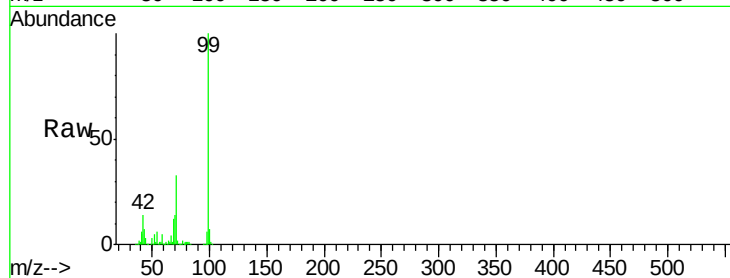
Tgt Ion: 99 Resp: 1156800

Ion Ratio Lower Upper

99 100

42 14.2 11.1 16.7

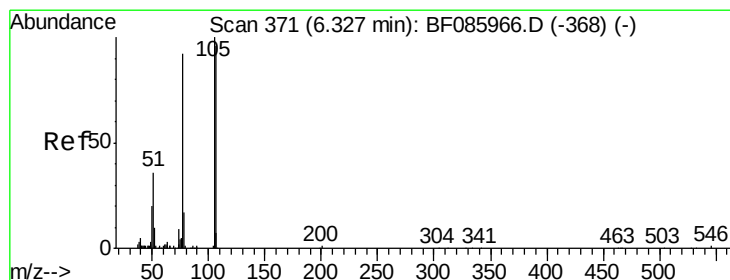
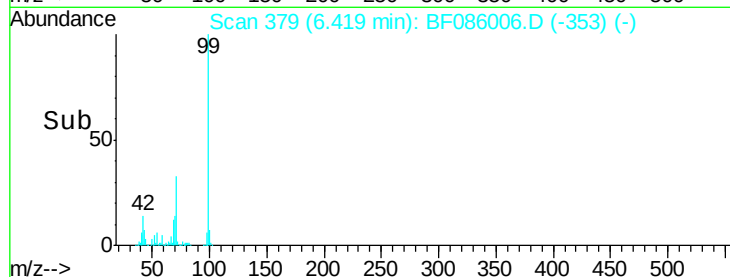
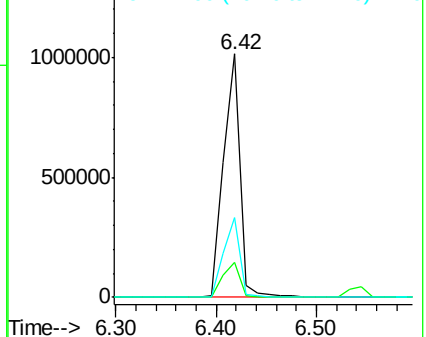
71 32.6 24.9 37.3



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: 4.80 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086006.D

Acq: 2 Apr 2016 12:36

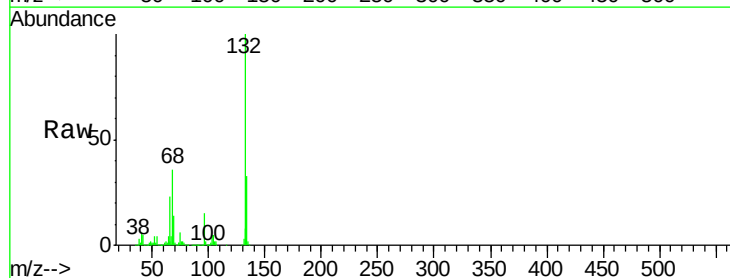
Tgt Ion: 77 Resp: 20311

Ion Ratio Lower Upper

77 100

105 87.5 80.1 120.1

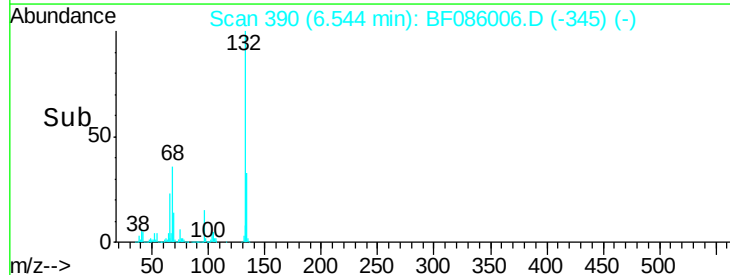
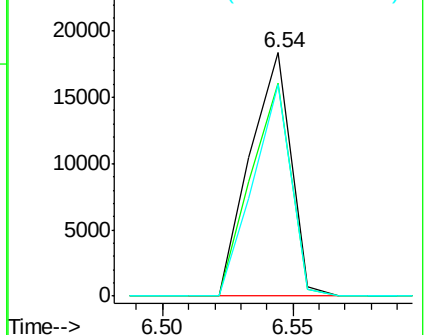
106 86.8 75.0 115.0

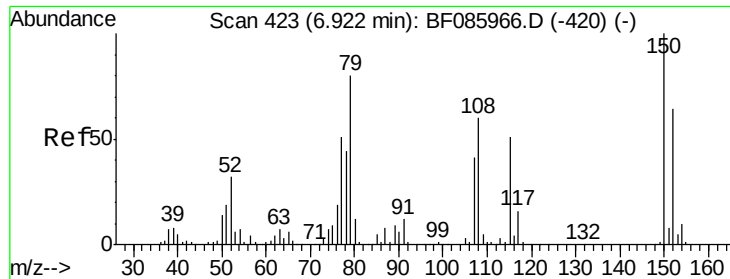


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086006.D

Acq: 2 Apr 2016 12:36

Instrument :

BNA_F

ClientSampleId :

BH-8(5-10)

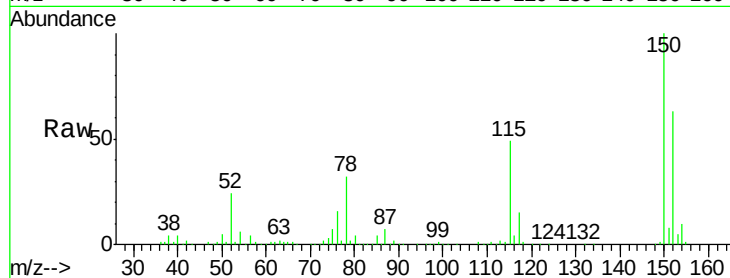
Tgt Ion: 79 Resp: 10244

Ion Ratio Lower Upper

79 100

108 29.4 61.8 92.6#

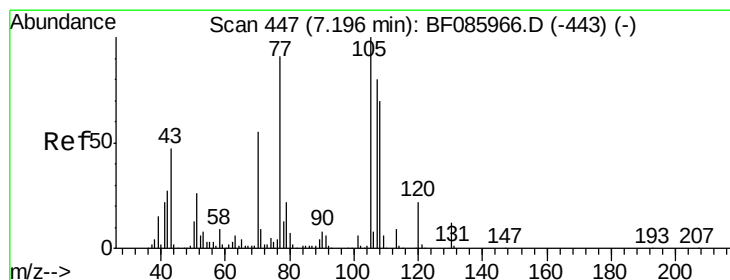
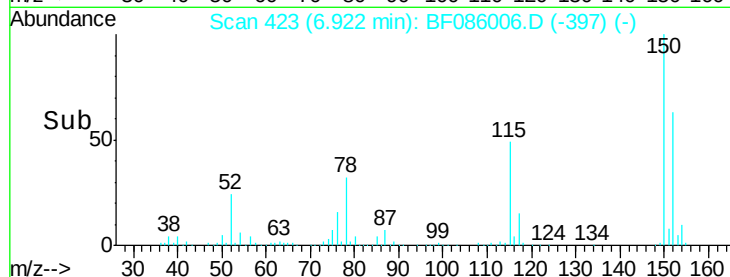
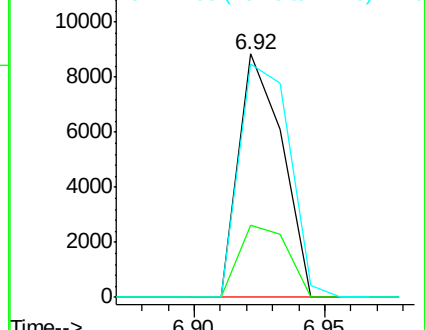
77 95.9 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.79 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF086006.D

Acq: 2 Apr 2016 12:36

Tgt Ion: 70 Resp: 96383

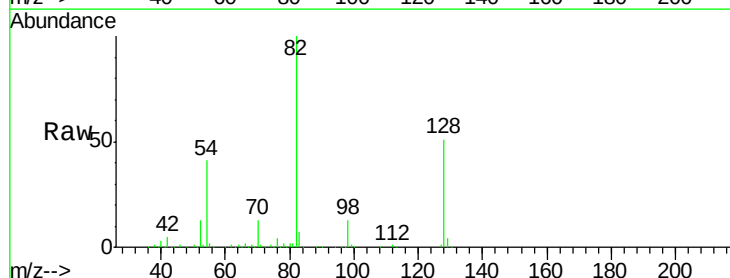
Ion Ratio Lower Upper

70 100

42 35.6 37.1 55.7#

101 0.0 8.6 12.8#

130 2.6 19.6 29.4#

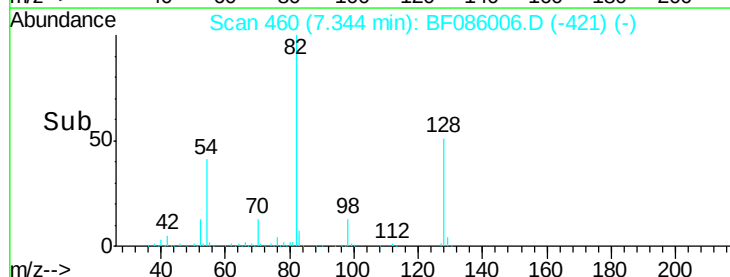
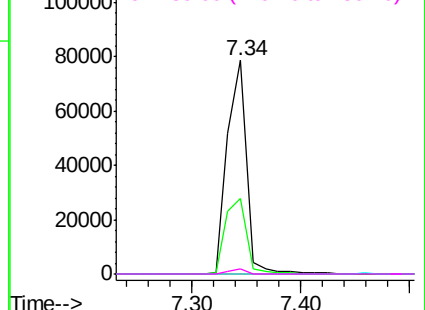


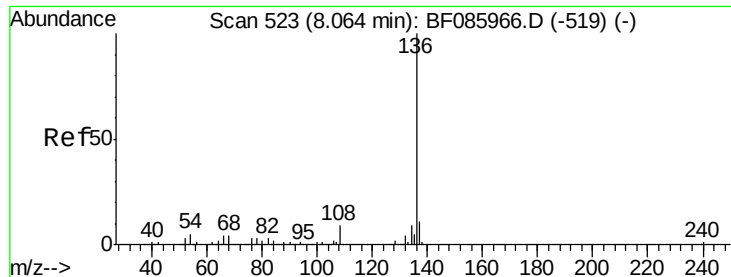
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

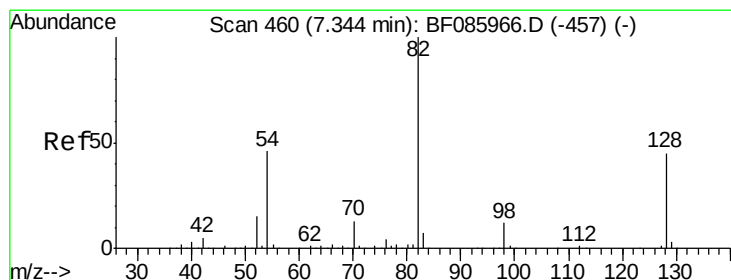
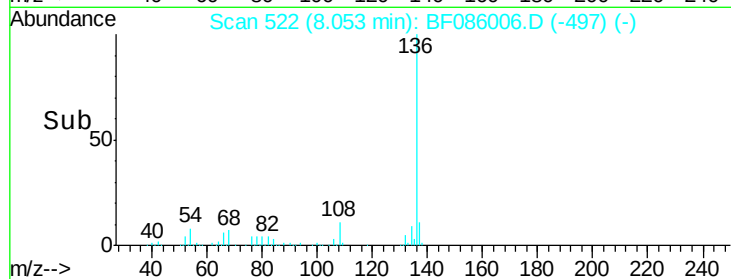
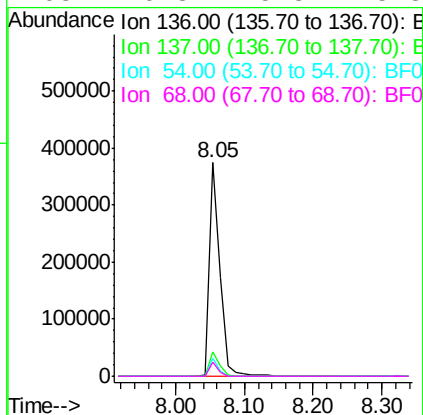
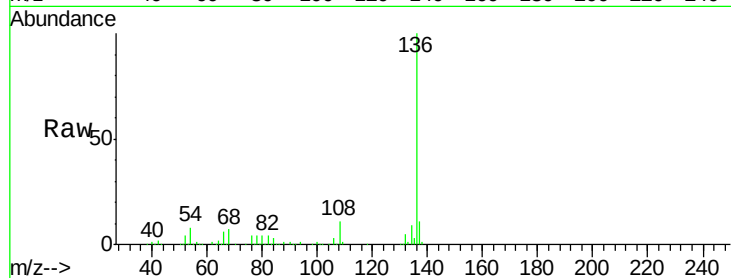




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086006.D
Acq: 2 Apr 2016 12:36

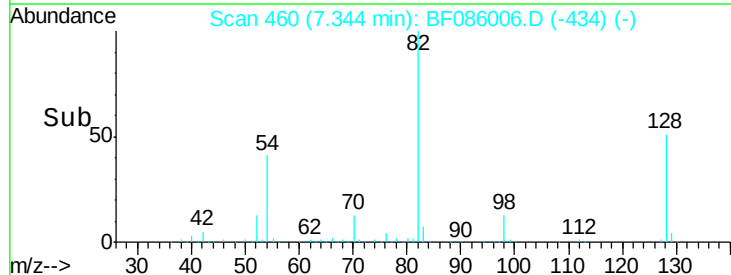
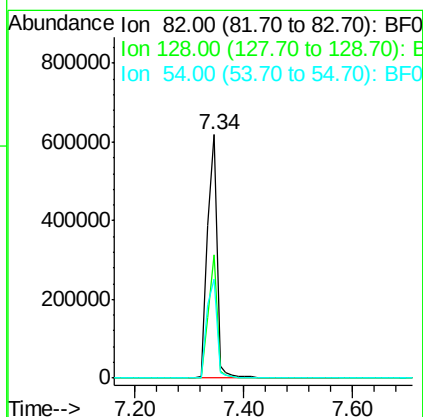
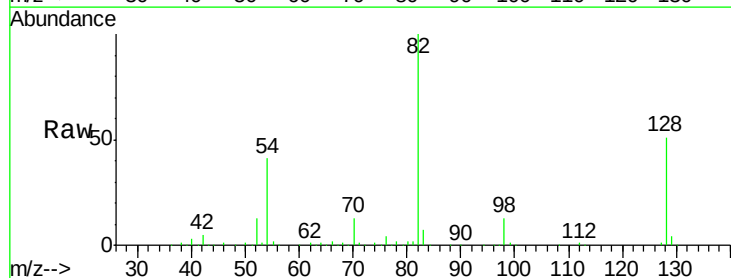
Instrument :
BNA_F
ClientSampled :
BH-8(5-10)

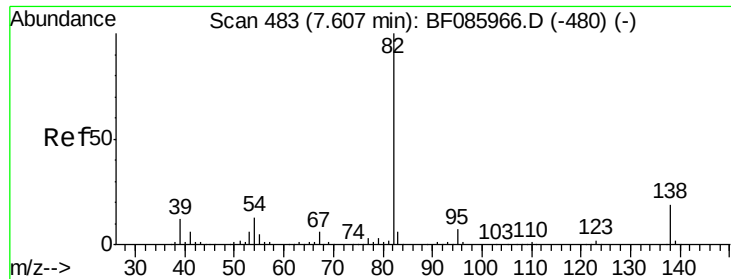
Tgt Ion:	136	Resp:	404896
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.1	7.4	11.0
68	6.8	5.8	8.8



#23
Nitrobenzene-d5
Concen: 108.48 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF086006.D
Acq: 2 Apr 2016 12:36

Tgt Ion:	82	Resp:	744785
Ion	Ratio	Lower	Upper
82	100		
128	50.8	41.8	62.8
54	40.9	33.4	50.0





#25

Isophorone

Concen: 54.79 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF086006.D

Acq: 2 Apr 2016 12:36

Instrument :

BNA_F

ClientSampleId :

BH-8(5-10)

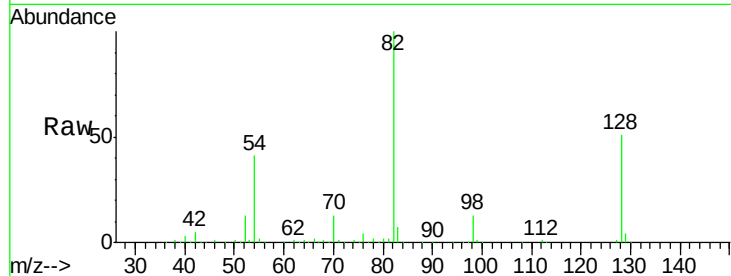
Tgt Ion: 82 Resp: 742639

Ion Ratio Lower Upper

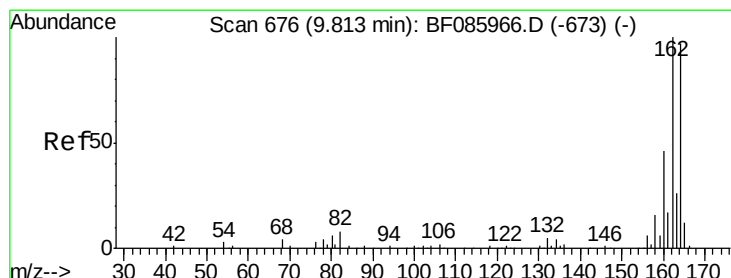
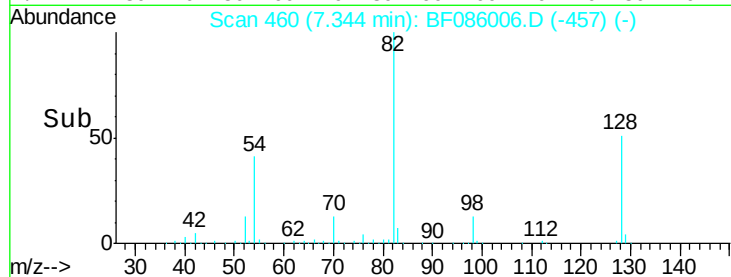
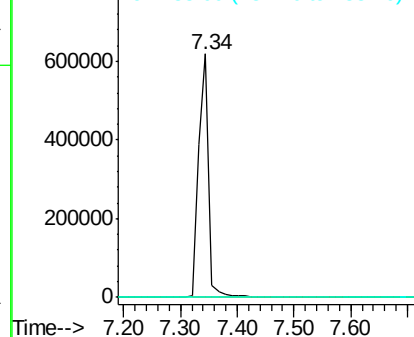
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086006.D

Acq: 2 Apr 2016 12:36

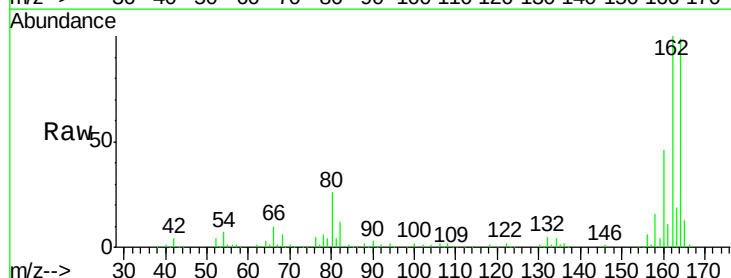
Tgt Ion: 164 Resp: 184943

Ion Ratio Lower Upper

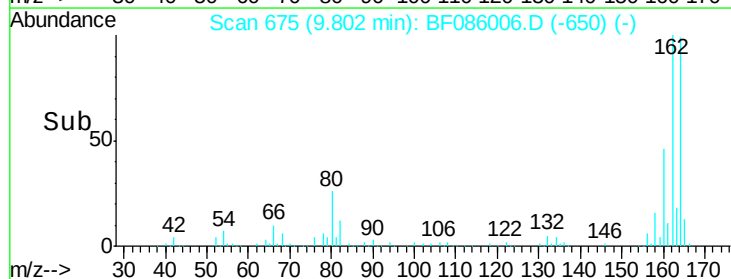
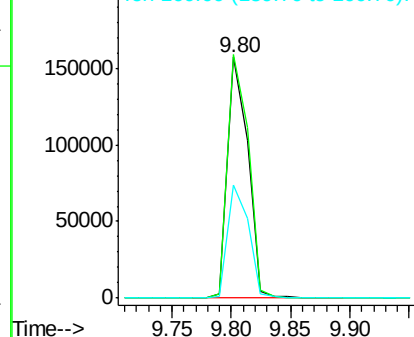
164 100

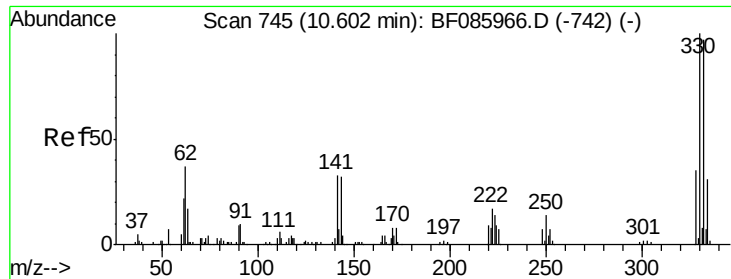
162 101.2 82.1 123.1

160 46.8 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

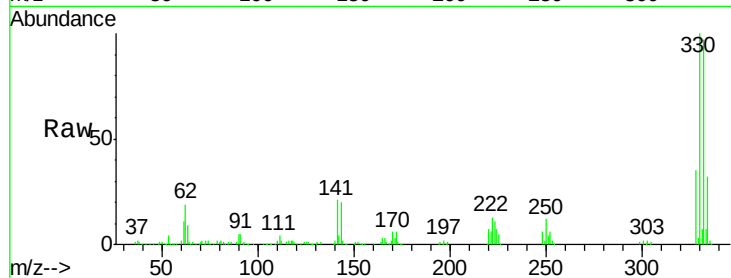




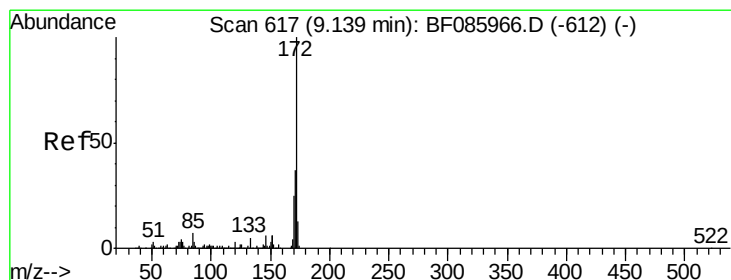
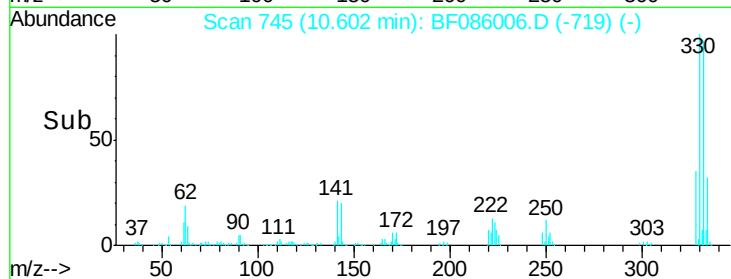
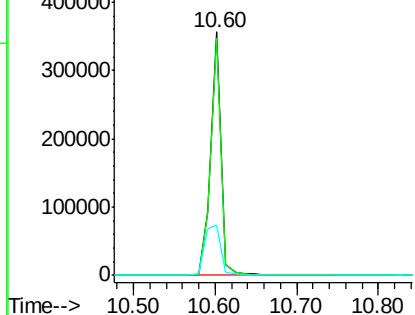
#41
 2,4,6-Tribromophenol
 Concen: 188.77 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086006.D
 Acq: 2 Apr 2016 12:36

Instrument :
 BNA_F
 ClientSampleId :
 BH-8(5-10)

Tgt Ion:330 Resp: 327682
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.2 117.2
 141 32.0 31.5 47.3

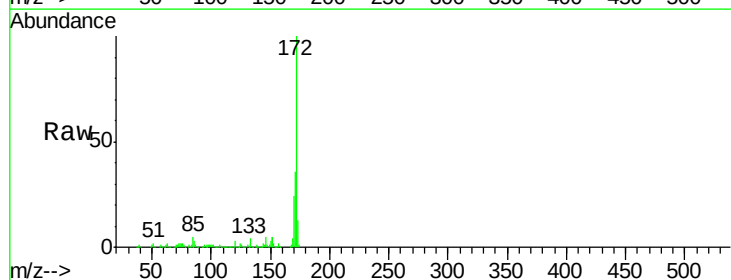


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

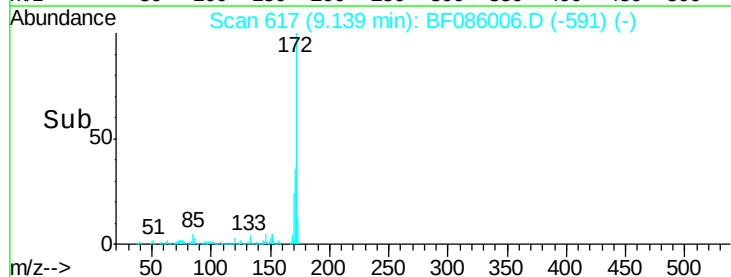
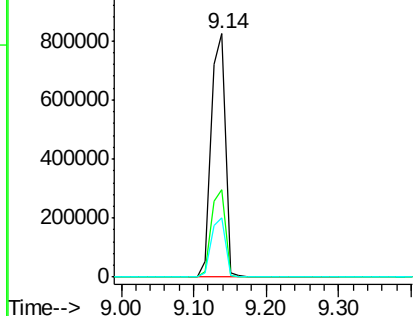


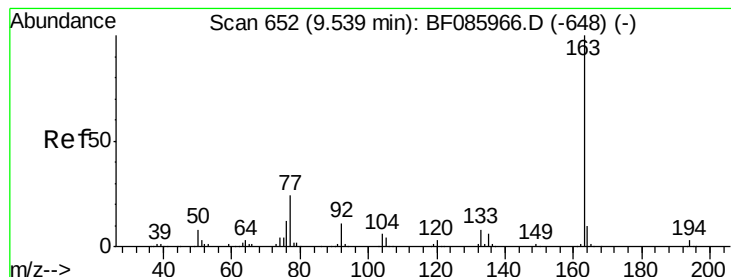
#44
 2-Fluorobiphenyl
 Concen: 100.46 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086006.D
 Acq: 2 Apr 2016 12:36

Tgt Ion:172 Resp: 1117482
 Ion Ratio Lower Upper
 172 100
 171 35.9 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





#49

Dimethylphthalate

Concen: 12.87 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086006.D

Acq: 2 Apr 2016 12:36

Instrument :

BNA_F

ClientSampleId :

BH-8(5-10)

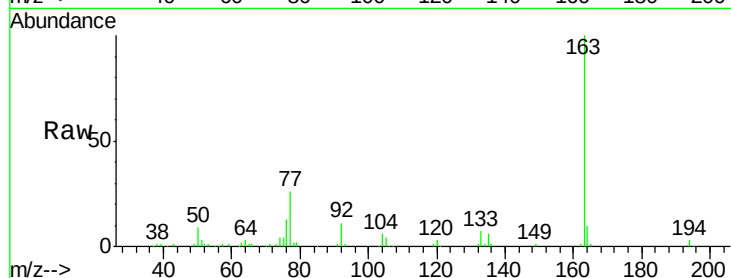
Tgt Ion:163 Resp: 176451

Ion Ratio Lower Upper

163 100

194 2.9 2.9 4.3

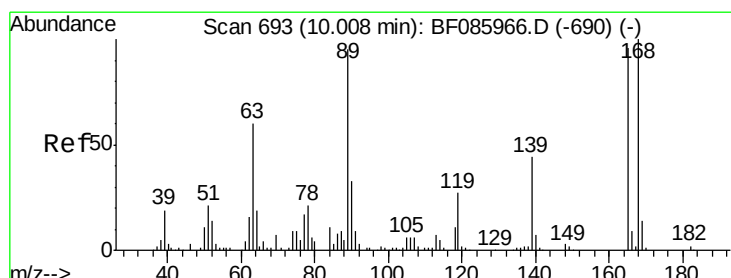
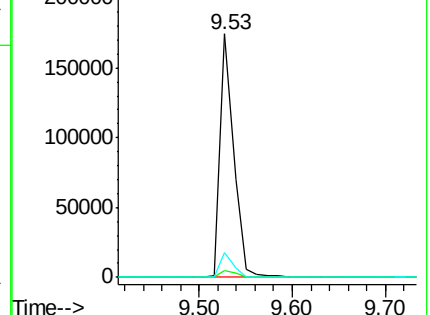
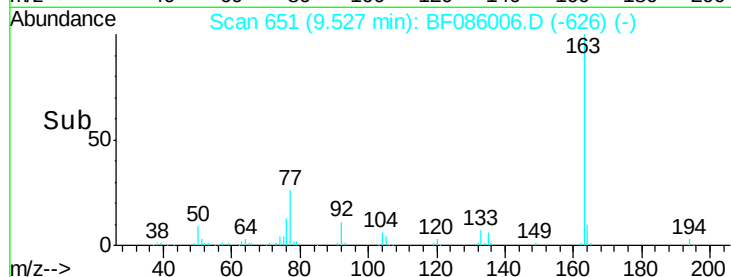
164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.35 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086006.D

Acq: 2 Apr 2016 12:36

Tgt Ion:165 Resp: 23288

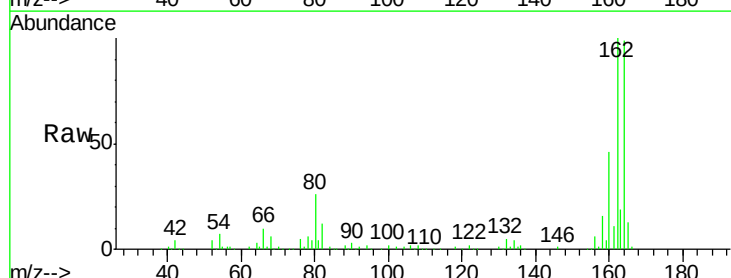
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 1.5 41.0 61.6#

182 0.0 2.1 3.1#

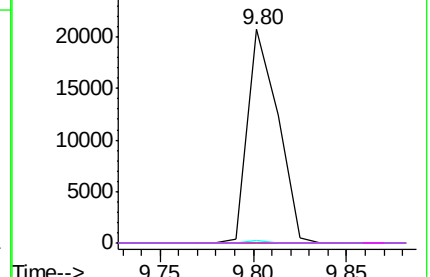
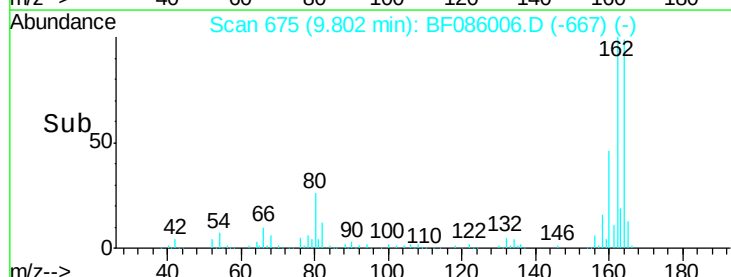


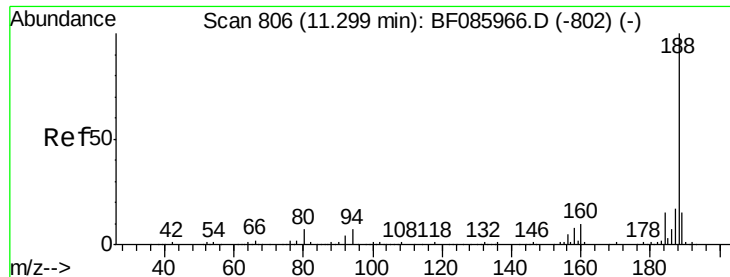
Abundance Ion 165.00 (164.70 to 165.70): E

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

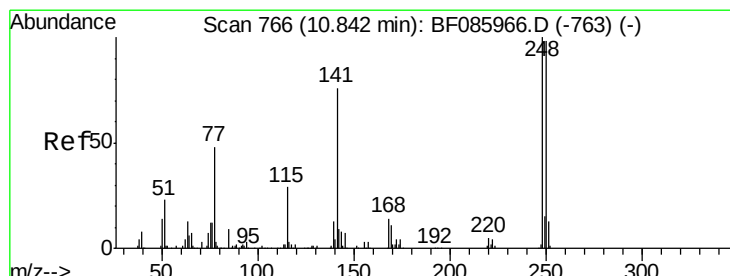
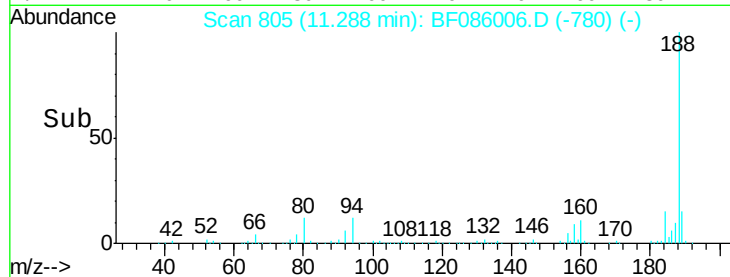
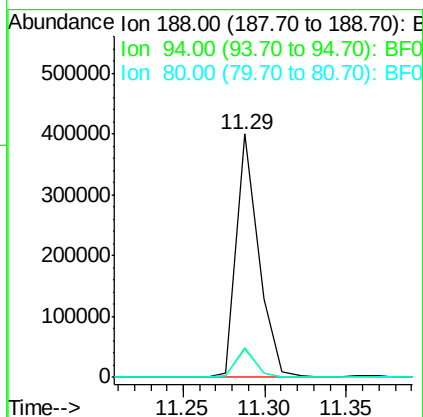
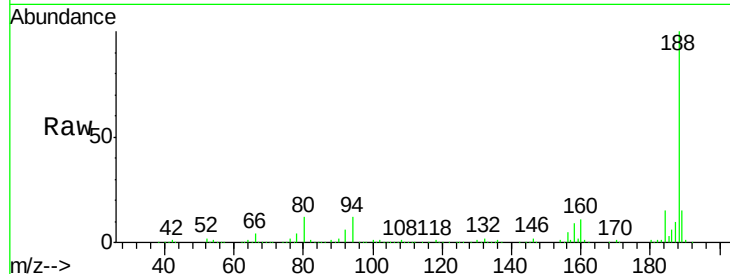




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF086006.D
 Acq: 2 Apr 2016 12:36

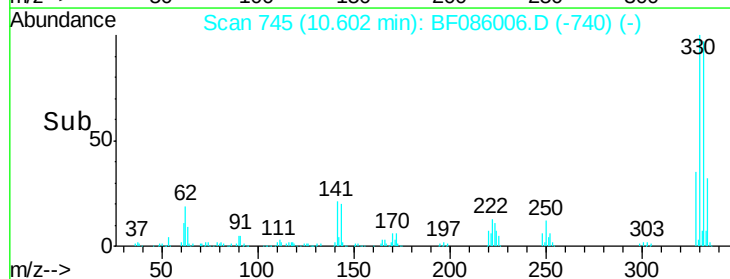
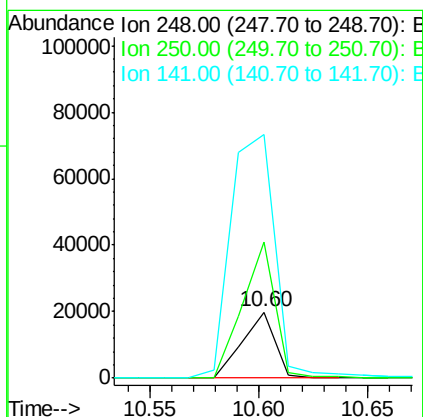
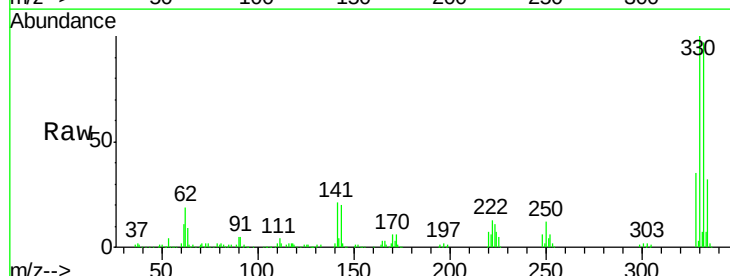
Instrument :
 BNA_F
 ClientSampleId :
 BH-8(5-10)

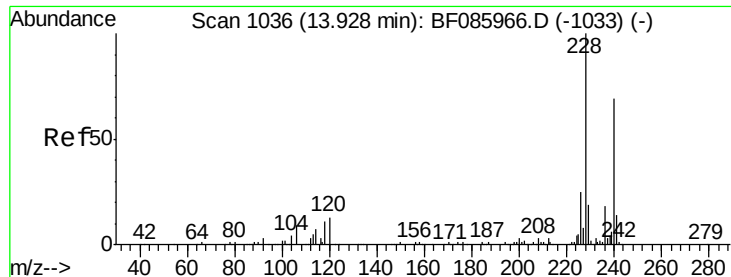
Tgt Ion:188 Resp: 378231
 Ion Ratio Lower Upper
 188 100
 94 11.7 5.4 8.0#
 80 12.4 5.5 8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 5.31 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.24 min
 Lab File: BF086006.D
 Acq: 2 Apr 2016 12:36

Tgt Ion:248 Resp: 20512
 Ion Ratio Lower Upper
 248 100
 250 206.8 77.4 116.0#
 141 369.0 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086006.D

Acq: 2 Apr 2016 12:36

Instrument :

BNA_F

ClientSampleId :

BH-8(5-10)

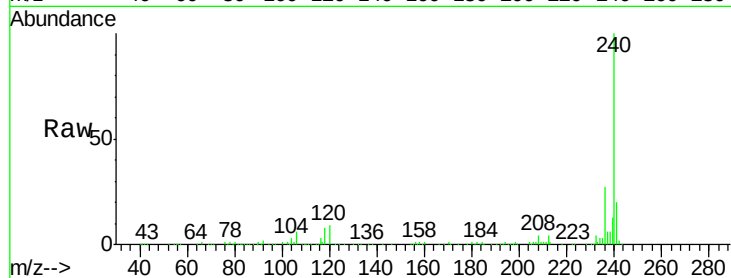
Tgt Ion:240 Resp: 327395

Ion Ratio Lower Upper

240 100

120 9.4 13.8 20.8#

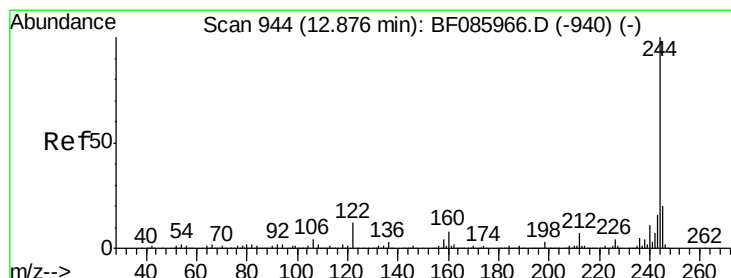
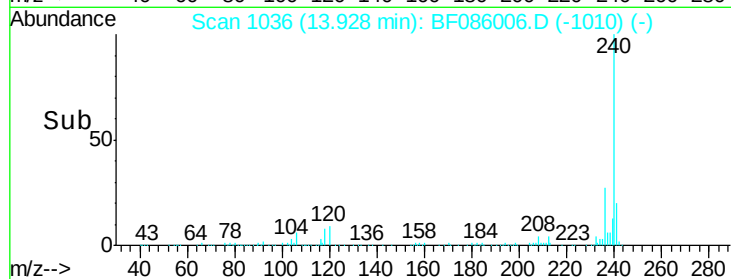
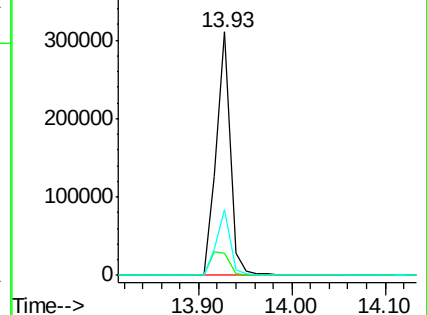
236 26.8 20.6 30.8



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: 79.74 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086006.D

Acq: 2 Apr 2016 12:36

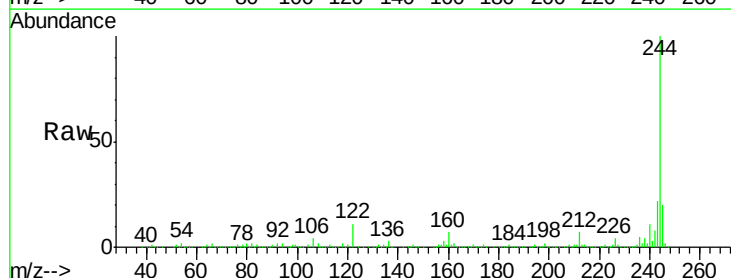
Tgt Ion:244 Resp: 1110654

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

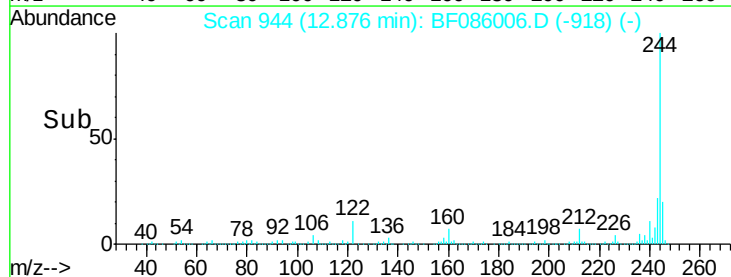
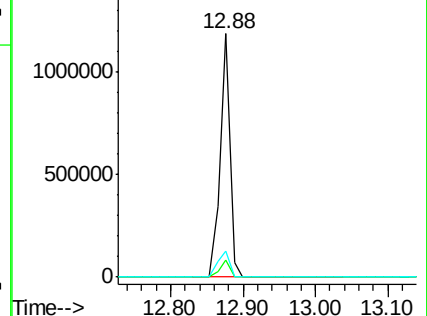
122 10.9 10.2 15.4

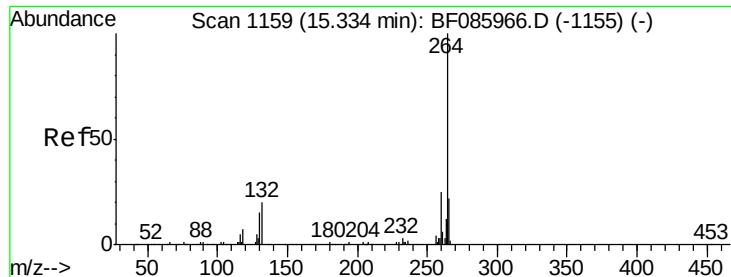


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF086006.D
Acq: 2 Apr 2016 12:36

Instrument :
BNA_F
ClientSampleId :
BH-8(5-10)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.6	17.2	25.8

