

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086002.D
 Acq On : 2 Apr 2016 10:42
 Operator : UM/SJ
 Sample : H2055-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-4(5-10)

Quant Time: Apr 04 01:02:40 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

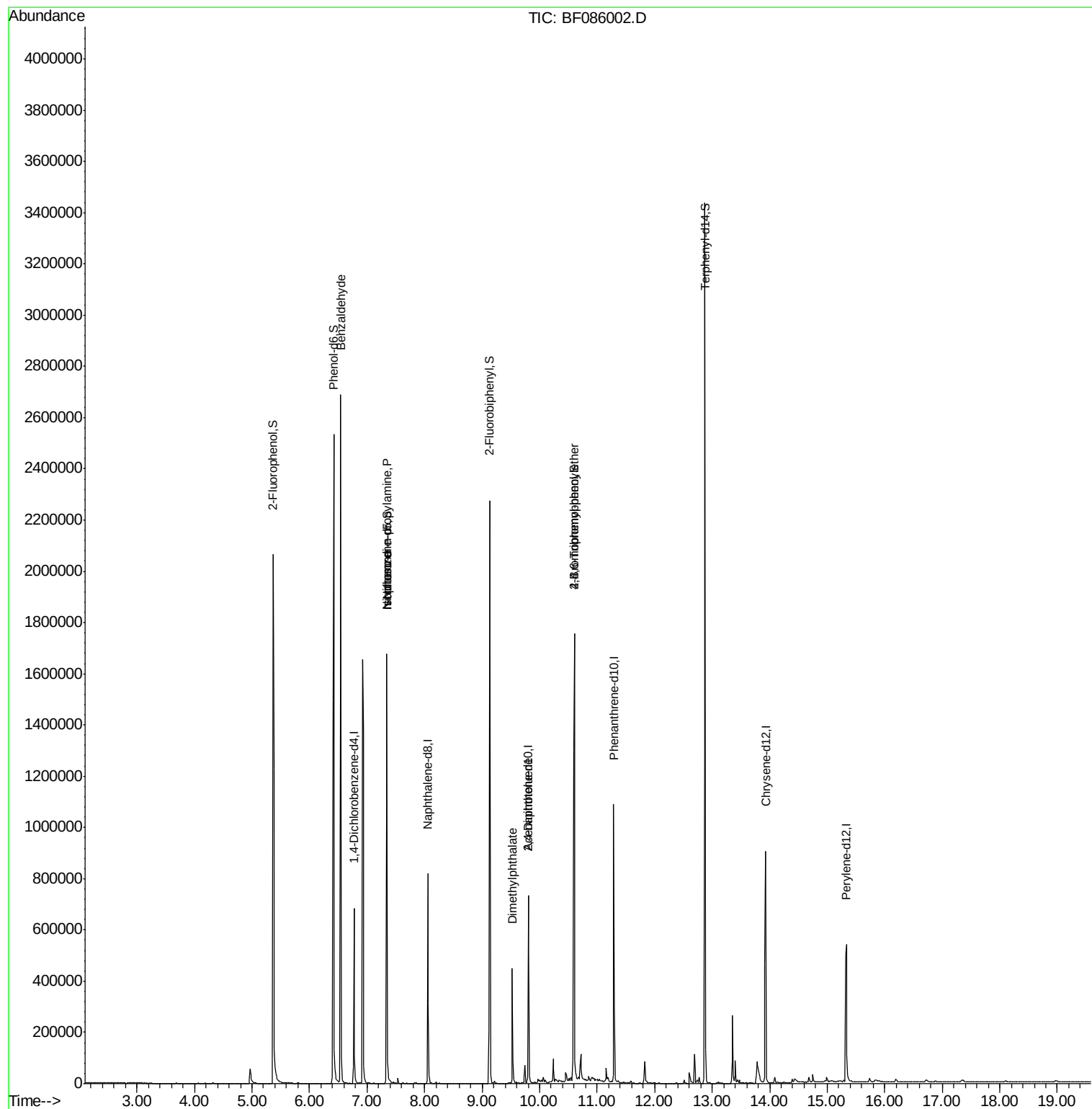
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105936	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	420261	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	188738	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	394583	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	362438	20.00	ng	0.00
86) Perylene-d12	15.33	264	301952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	820402	132.37	ng	0.00
7) Phenol-d6	6.42	99	1150534	146.15	ng	0.00
23) Nitrobenzene-d5	7.34	82	734872	103.12	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	320572	180.96	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1020535	89.90	ng	-0.01
78) Terphenyl-d14	12.88	244	1120709	72.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	19578	4.62	ng	91
19) n-Nitroso-di-n-propylamine	7.34	70	95883	19.65	ng	# 73
25) Isophorone	7.34	82	732647	52.08	ng	# 68
49) Dimethylphthalate	9.53	163	171590	12.27	ng	99
56) 2,4-Dinitrotoluene	9.80	165	24235	6.48	ng	# 36
66) 4-Bromophenyl-phenylether	10.60	248	20515	5.09	ng	# 1

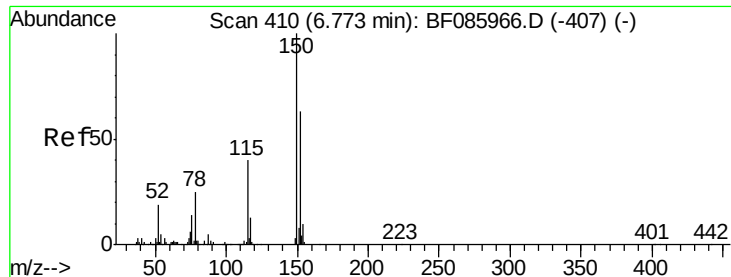
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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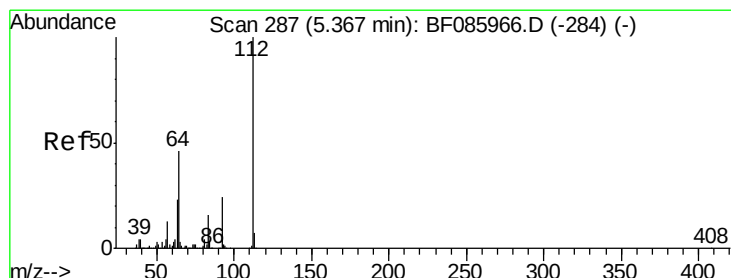
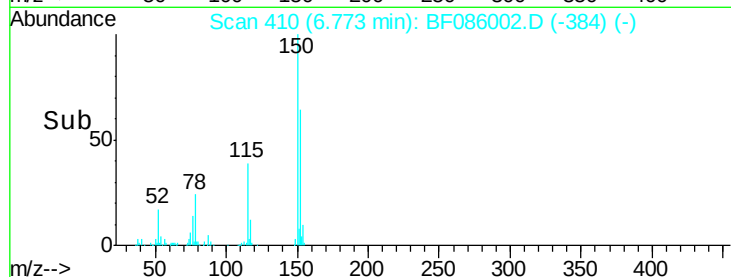
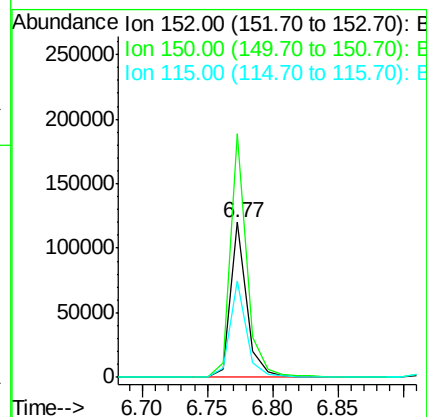
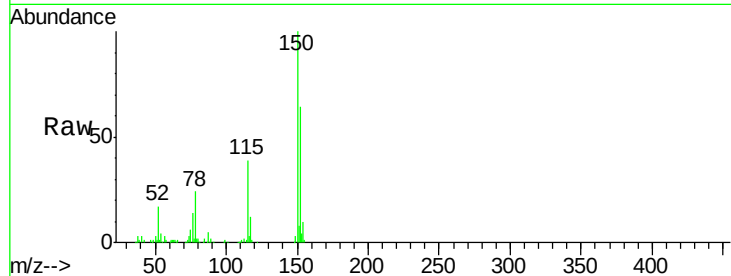


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF086002.D
Acq: 2 Apr 2016 10:42

Instrument :
BNA_F
ClientSampleId :
BH-4(5-10)

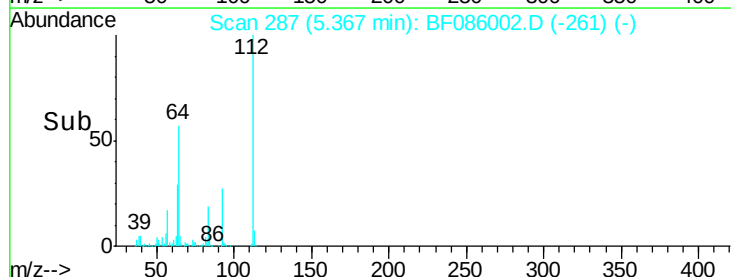
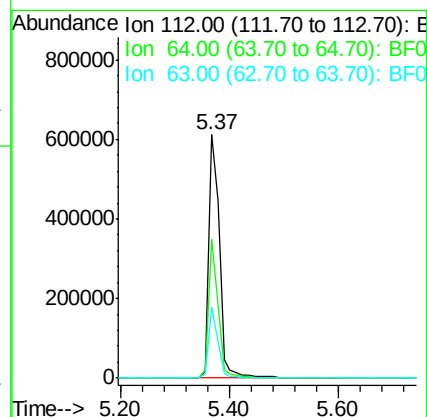
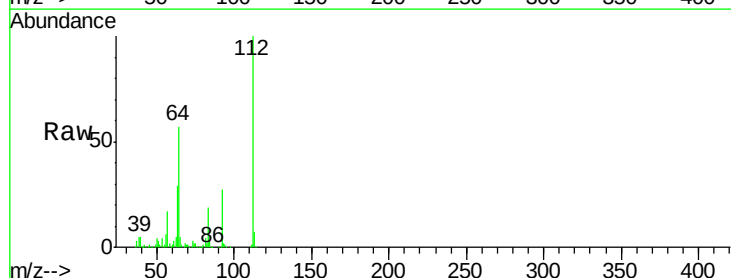
Tgt Ion	Resp	Lower	Upper
152	105936		
150	157.2	124.2	186.2
115	61.9	47.0	70.6

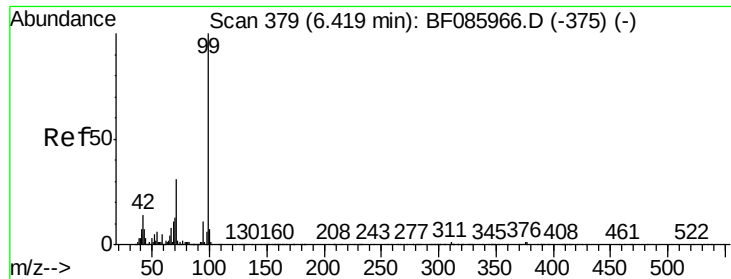


#5

2-Fluorophenol
Concen: 132.37 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF086002.D
Acq: 2 Apr 2016 10:42

Tgt Ion	Resp	Lower	Upper
112	820402		
64	57.1	39.9	59.9
63	29.1	20.2	30.2





#7

Phenol-d6

Concen: 146.15 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086002.D

Acq: 2 Apr 2016 10:42

Instrument :

BNA_F

ClientSampleId :

BH-4(5-10)

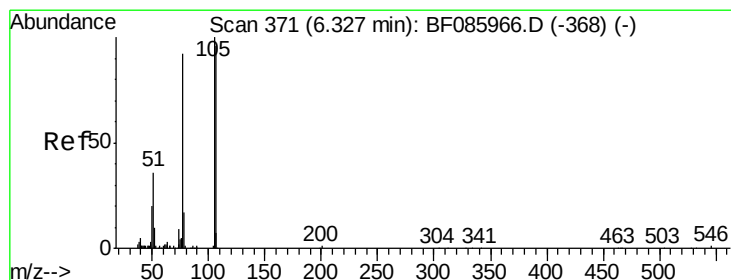
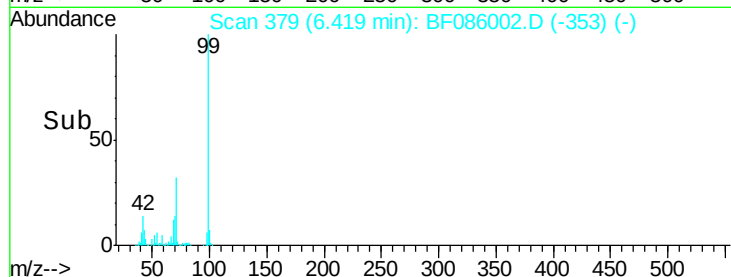
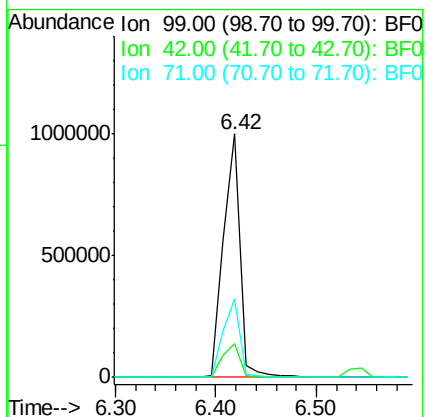
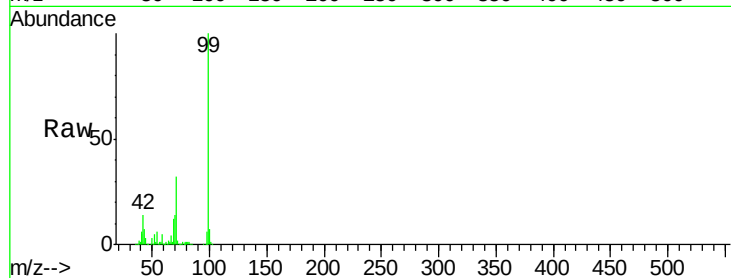
Tgt Ion: 99 Resp: 1150534

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

71 32.4 24.9 37.3



#9

Benzaldehyde

Concen: 4.62 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086002.D

Acq: 2 Apr 2016 10:42

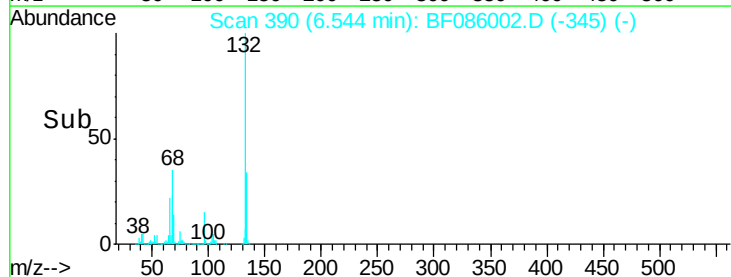
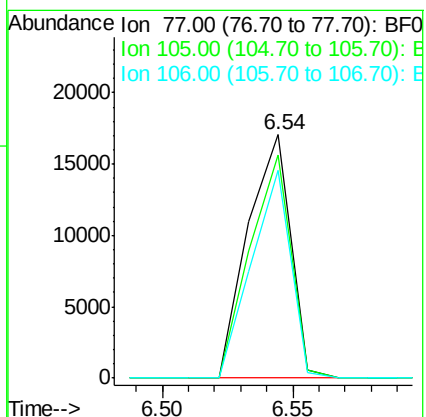
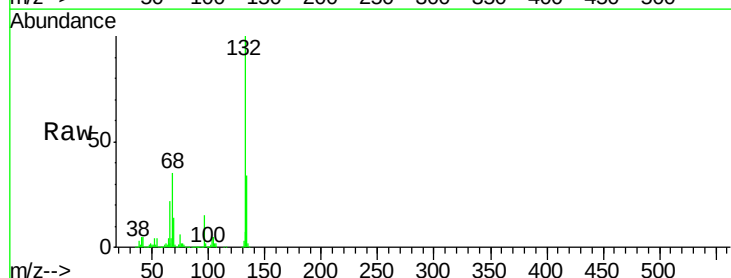
Tgt Ion: 77 Resp: 19578

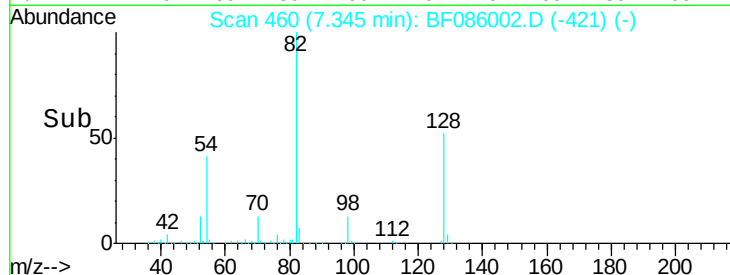
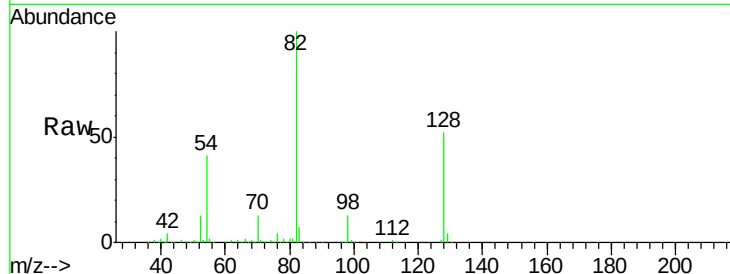
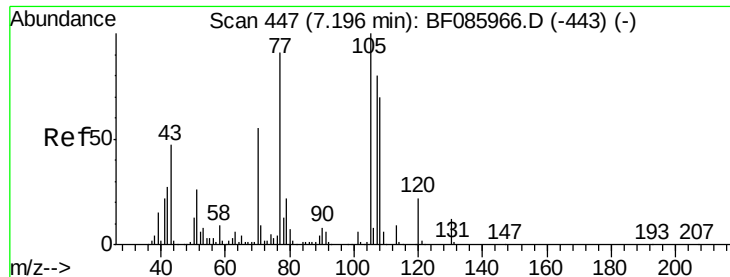
Ion Ratio Lower Upper

77 100

105 91.5 80.1 120.1

106 85.1 75.0 115.0

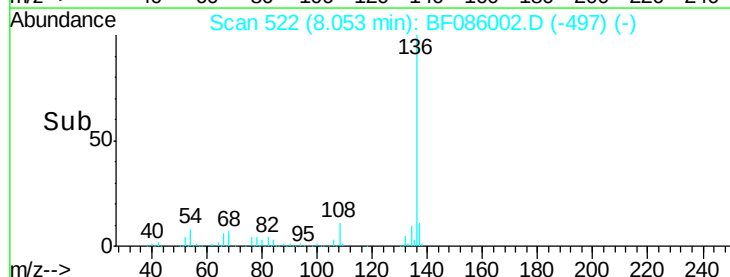
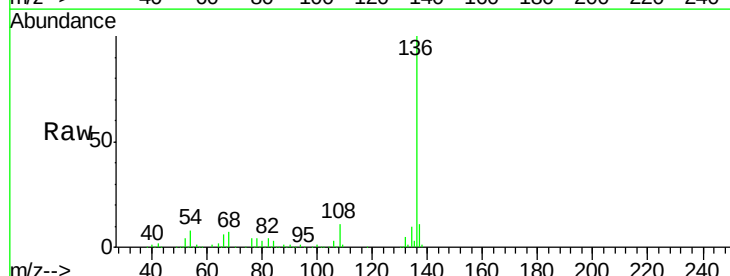
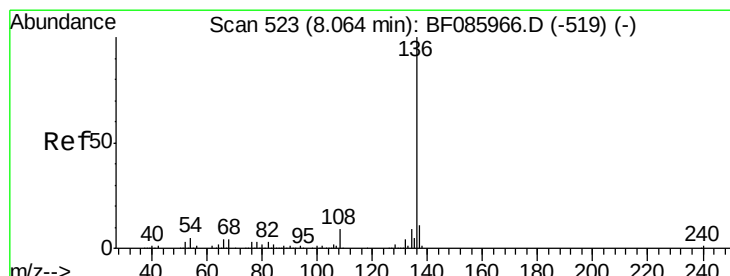
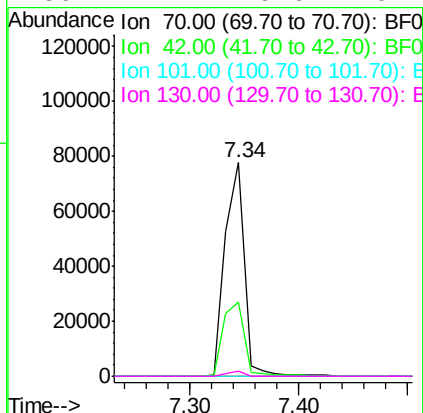




#19
n-Nitroso-di-n-propylamine
Concen: 19.65 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF086002.D
Acq: 2 Apr 2016 10:42

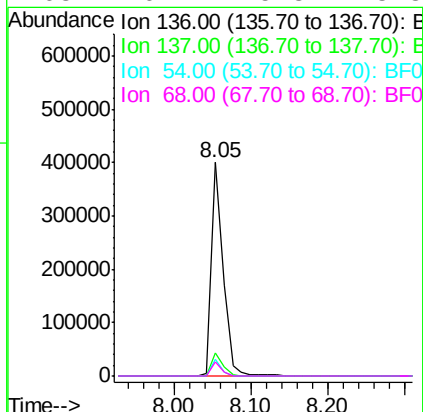
Instrument :
BNA_F
ClientSampleId :
BH-4(5-10)

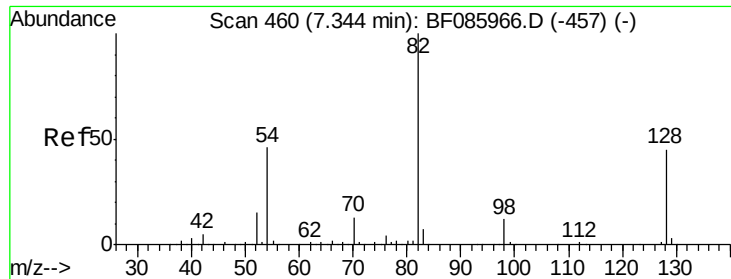
Tgt Ion:	70	Resp:	95883
Ion	Ratio	Lower	Upper
70	100		
42	34.6	37.1	55.7#
101	0.0	8.6	12.8#
130	2.7	19.6	29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086002.D
Acq: 2 Apr 2016 10:42

Tgt Ion:	136	Resp:	420261
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.0	7.4	11.0
68	6.7	5.8	8.8

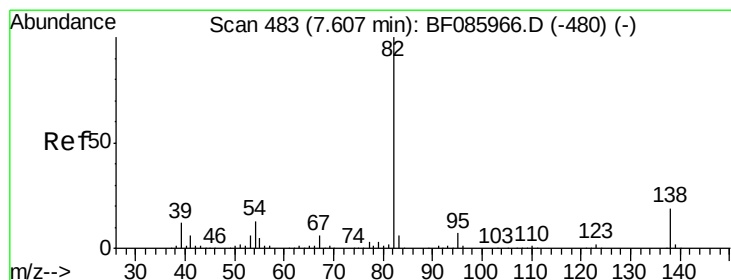
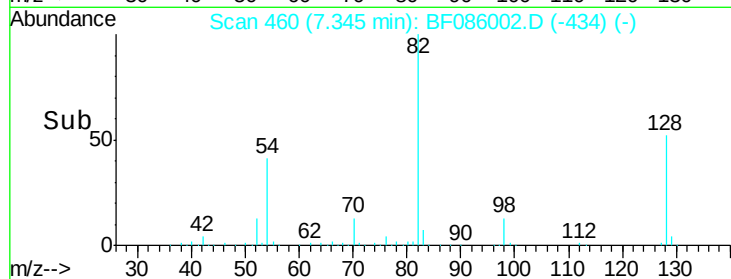
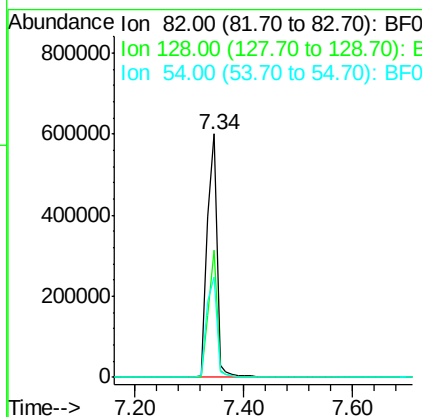
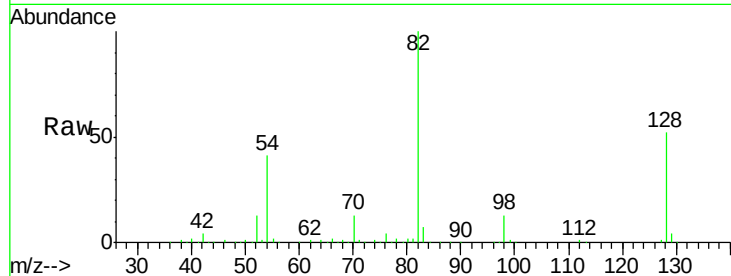




#23
 Nitrobenzene-d5
 Concen: 103.12 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086002.D
 Acq: 2 Apr 2016 10:42

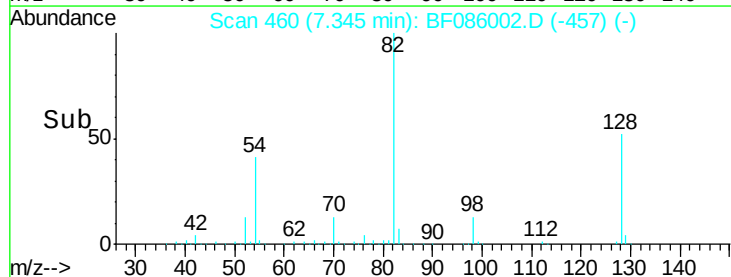
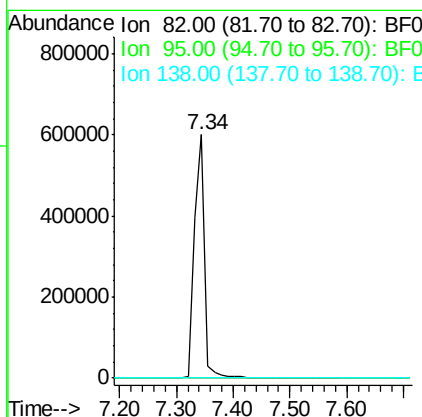
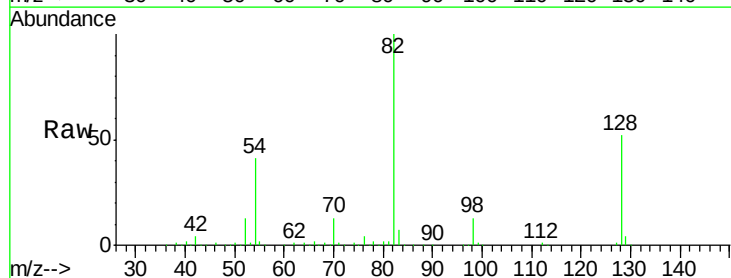
Instrument :
 BNA_F
 ClientSampleId :
 BH-4(5-10)

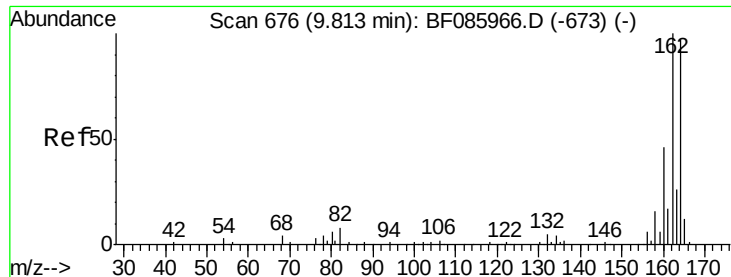
Tgt Ion: 82 Resp: 734872
 Ion Ratio Lower Upper
 82 100
 128 52.1 41.8 62.8
 54 41.2 33.4 50.0



#25
 Isophorone
 Concen: 52.08 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.26 min
 Lab File: BF086002.D
 Acq: 2 Apr 2016 10:42

Tgt Ion: 82 Resp: 732647
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086002.D

Acq: 2 Apr 2016 10:42

Instrument :

BNA_F

ClientSampleId :

BH-4(5-10)

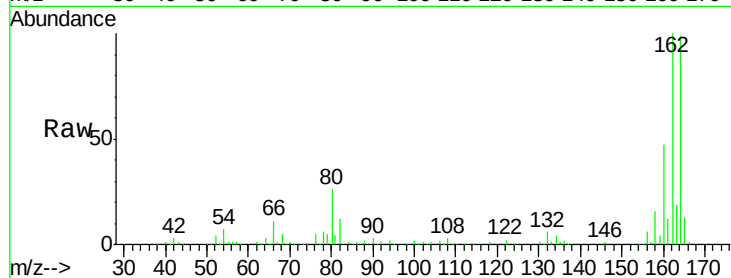
Tgt Ion:164 Resp: 188738

Ion Ratio Lower Upper

164 100

162 100.8 82.1 123.1

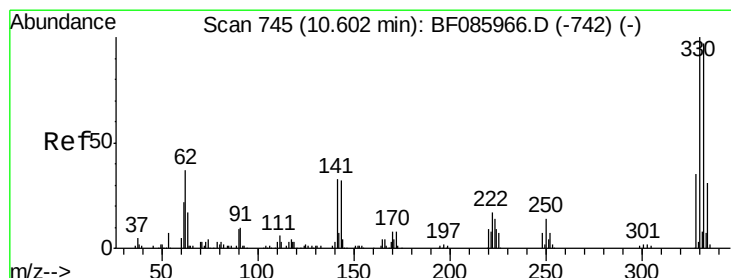
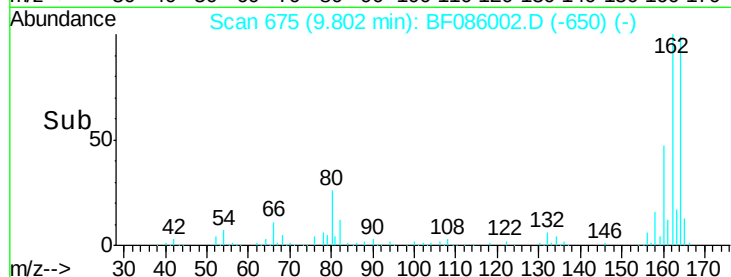
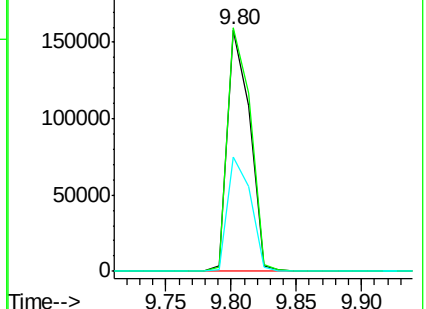
160 47.2 37.4 56.2



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: 180.96 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF086002.D

Acq: 2 Apr 2016 10:42

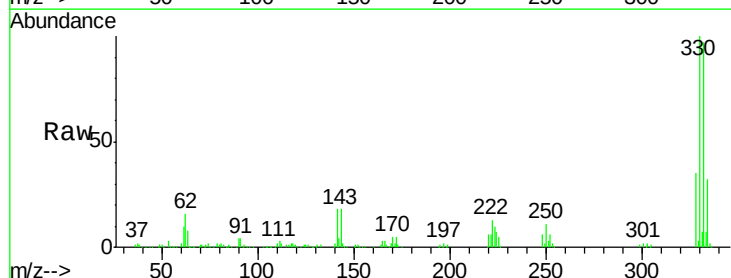
Tgt Ion:330 Resp: 320572

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.2

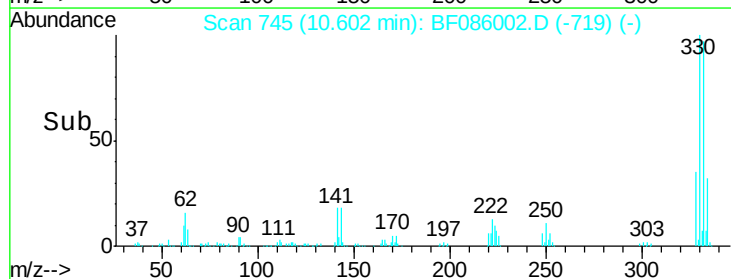
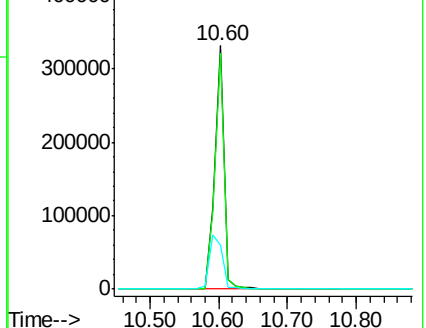
141 31.0 31.5 47.3#

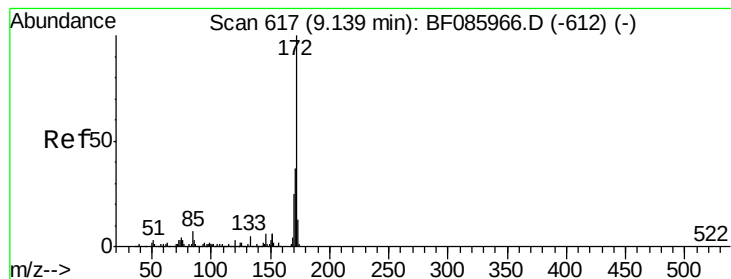


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 89.90 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF086002.D

Acq: 2 Apr 2016 10:42

Instrument :

BNA_F

ClientSampleId :

BH-4(5-10)

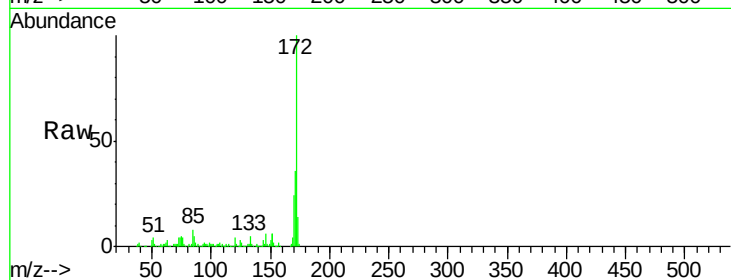
Tgt Ion:172 Resp: 1020535

Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.2

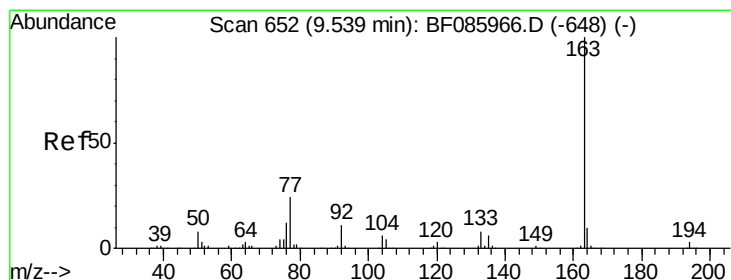
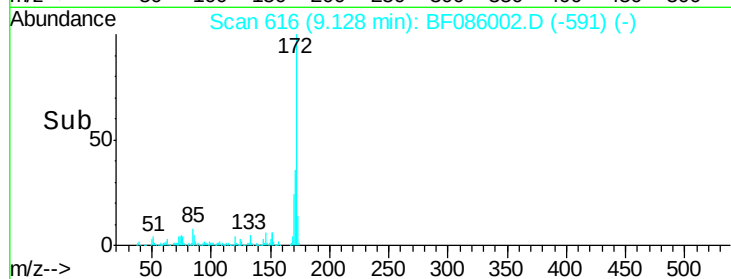
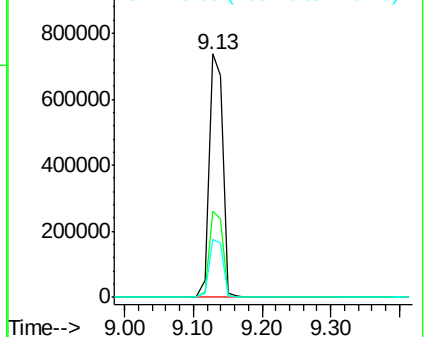
170 24.0 19.8 29.6



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: 12.27 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086002.D

Acq: 2 Apr 2016 10:42

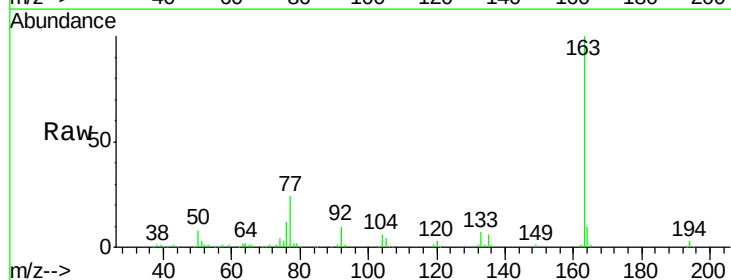
Tgt Ion:163 Resp: 171590

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

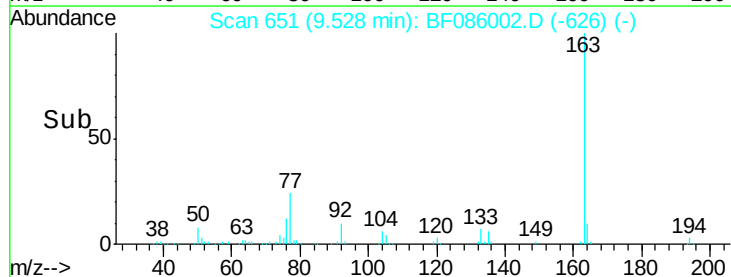
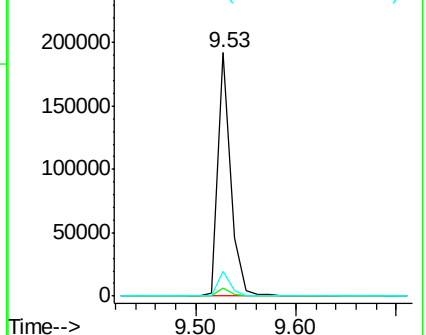
164 10.1 8.3 12.5

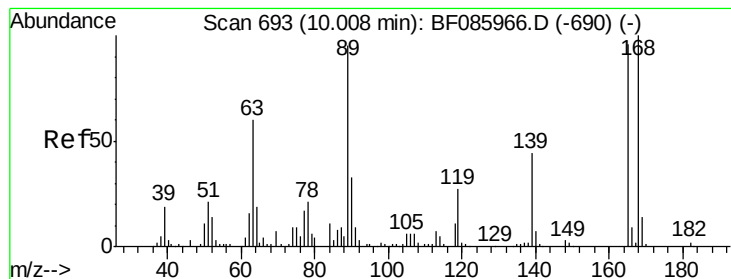


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

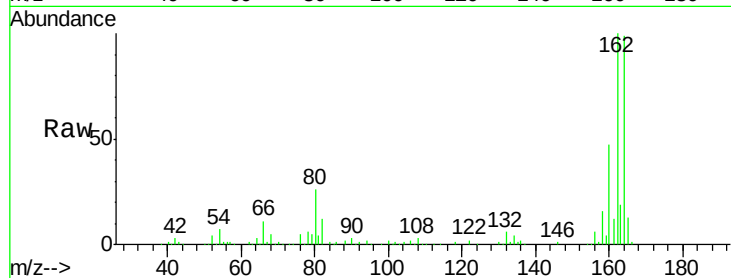




#56
 2,4-Dinitrotoluene
 Concen: 6.48 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF086002.D
 Acq: 2 Apr 2016 10:42

Instrument :
 BNA_F
 ClientSampleId :
 BH-4(5-10)

Tgt Ion:	165	Resp:	24235
Ion	Ratio	Lower	Upper
165	100		
63	1.5	24.9	37.3#
89	0.0	41.0	61.6#
182	0.0	2.1	3.1#

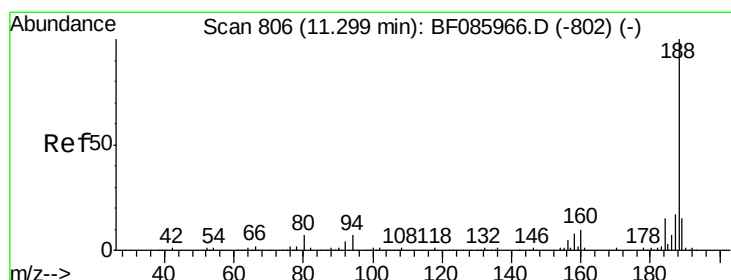
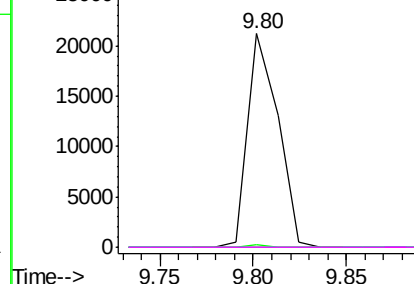
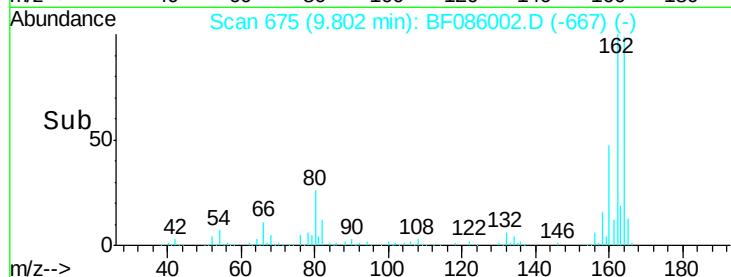


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

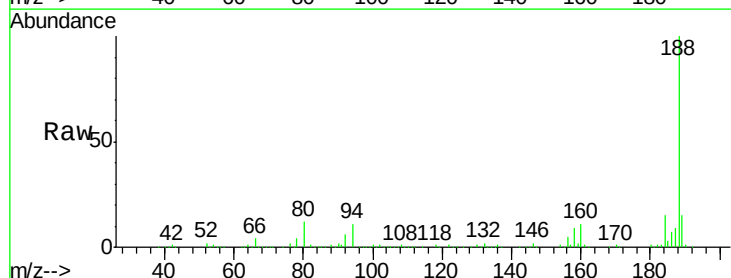
Ion 89.00 (88.70 to 89.70): BF0

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: BF086002.D
 Acq: 2 Apr 2016 10:42

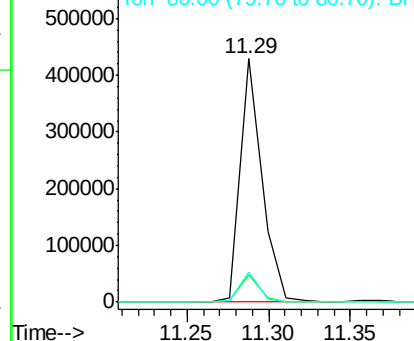
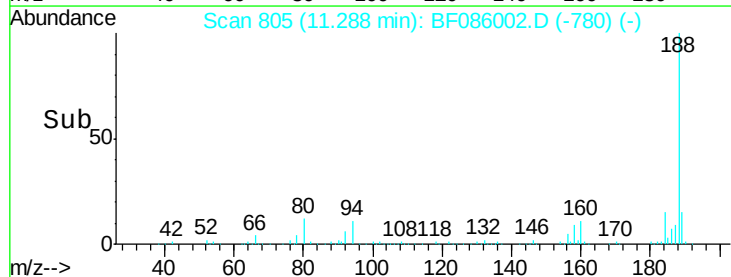
Tgt Ion:	188	Resp:	394583
Ion	Ratio	Lower	Upper
188	100		
94	11.4	5.4	8.0#
80	12.1	5.5	8.3#

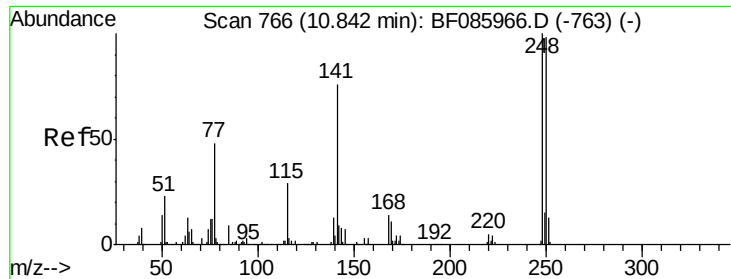


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.09 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.24 min

Lab File: BF086002.D

Acq: 2 Apr 2016 10:42

Instrument :

BNA_F

ClientSampleId :

BH-4(5-10)

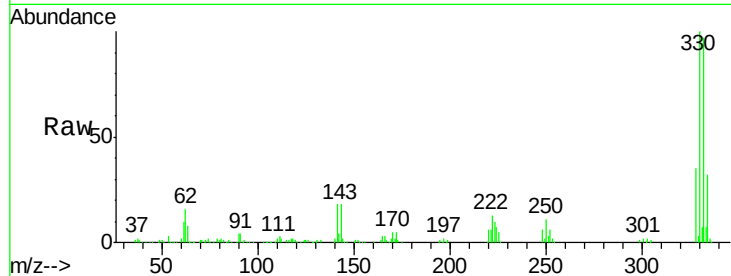
Tgt Ion:248 Resp: 20515

Ion Ratio Lower Upper

248 100

250 201.9 77.4 116.0#

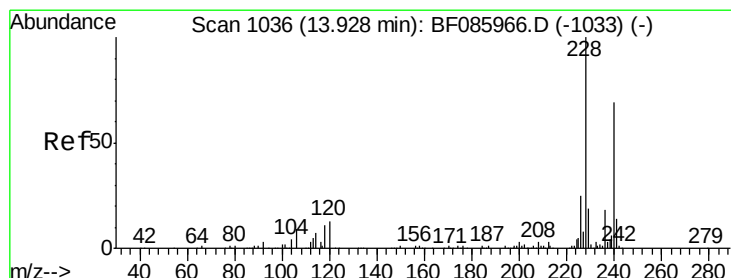
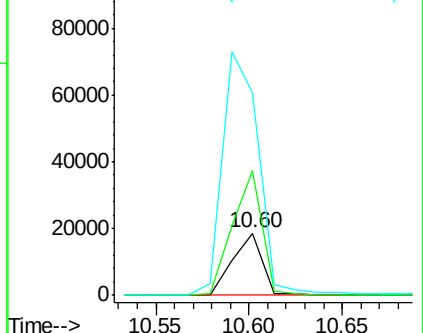
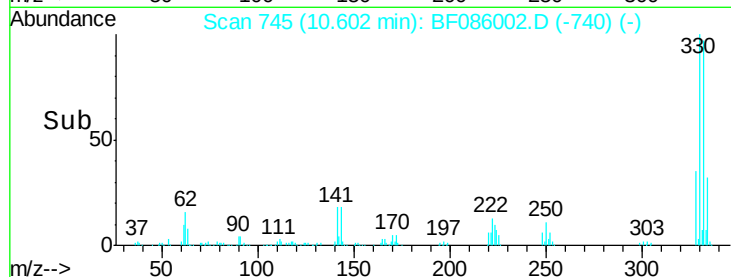
141 327.4 63.6 95.4#



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: BF086002.D

Acq: 2 Apr 2016 10:42

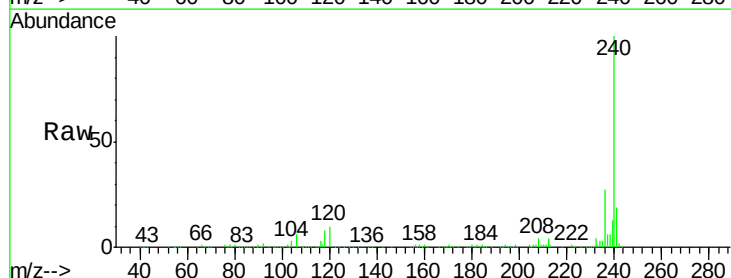
Tgt Ion:240 Resp: 362438

Ion Ratio Lower Upper

240 100

120 9.6 13.8 20.8#

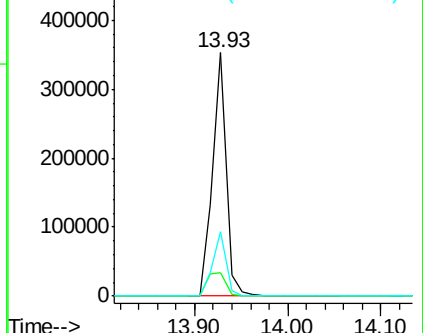
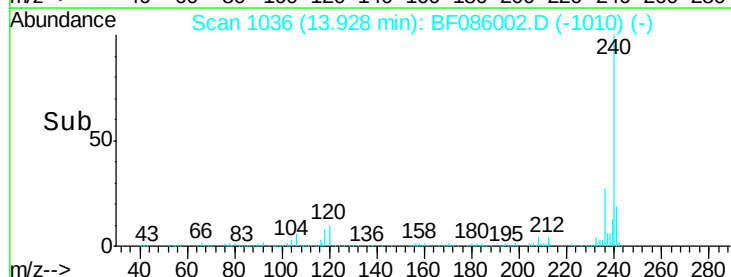
236 26.6 20.6 30.8

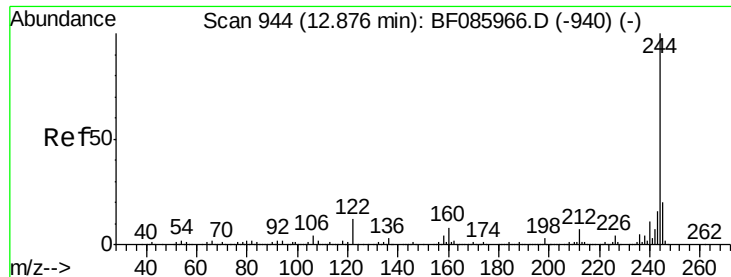


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

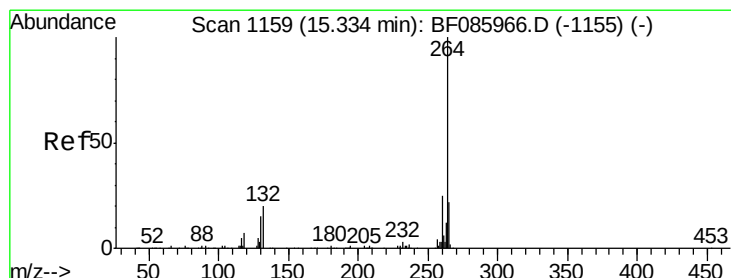
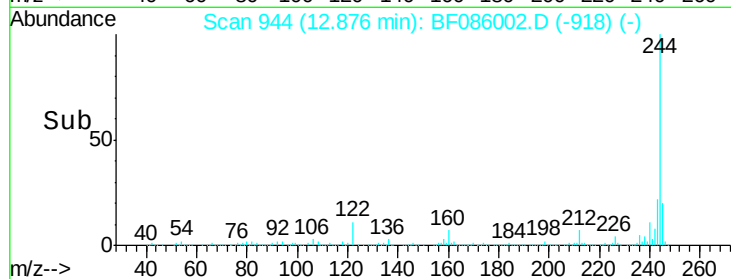
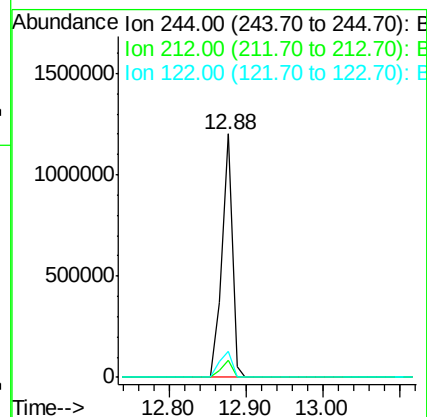
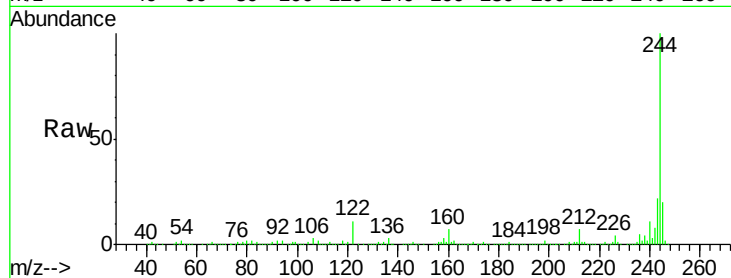




#78
 Terphenyl-d14
 Concen: 72.69 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086002.D
 Acq: 2 Apr 2016 10:42

Instrument :
 BNA_F
 ClientSampleId :
 BH-4(5-10)

Tgt Ion:244 Resp: 1120709
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 10.5 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: BF086002.D
 Acq: 2 Apr 2016 10:42

Tgt Ion:264 Resp: 301952
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.1 17.2 25.8

