

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086004.D
 Acq On : 2 Apr 2016 11:39
 Operator : UM/SJ
 Sample : H2055-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-6(5-7.5)

Quant Time: Apr 04 01:03:11 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

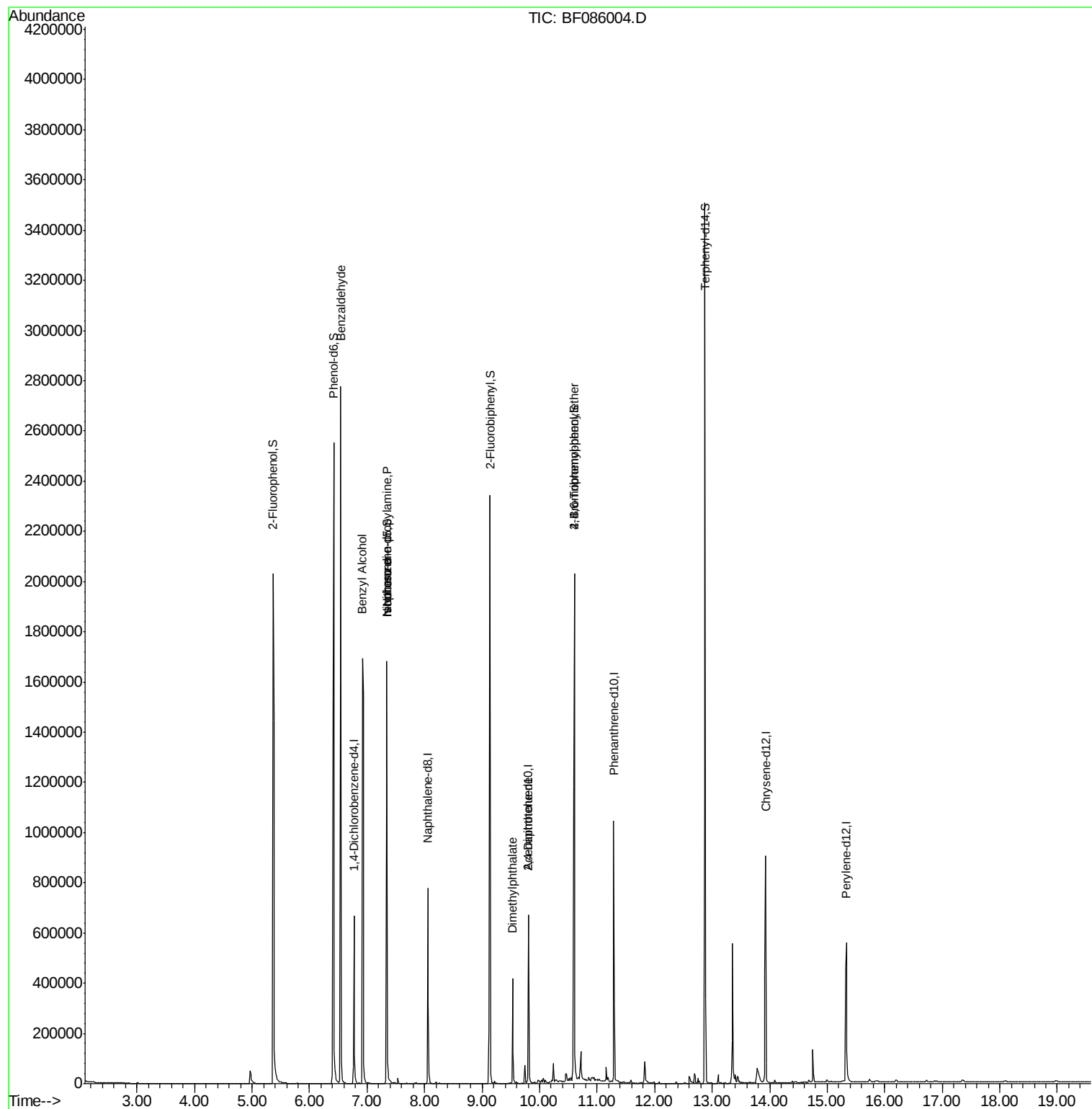
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105736	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	407692	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	188598	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	386120	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	361340	20.00	ng	0.00
86) Perylene-d12	15.33	264	299558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	865802	139.96	ng	0.00
7) Phenol-d6	6.42	99	1172360	149.21	ng	0.00
23) Nitrobenzene-d5	7.34	82	748761	108.31	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	327281	184.89	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1165486	102.75	ng	0.00
78) Terphenyl-d14	12.88	244	1150900	74.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	20460	4.84	ng	Qvalue 90
15) Benzyl Alcohol	6.92	79	10299	2.03	ng	# 47
19) n-Nitroso-di-n-propylamine	7.34	70	97367	19.99	ng	# 73
25) Isophorone	7.34	82	746263	54.68	ng	# 68
49) Dimethylphthalate	9.53	163	174966	12.52	ng	99
56) 2,4-Dinitrotoluene	9.80	165	23773	6.36	ng	# 36
66) 4-Bromophenyl-phenylether	10.60	248	21505	5.46	ng	# 1

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

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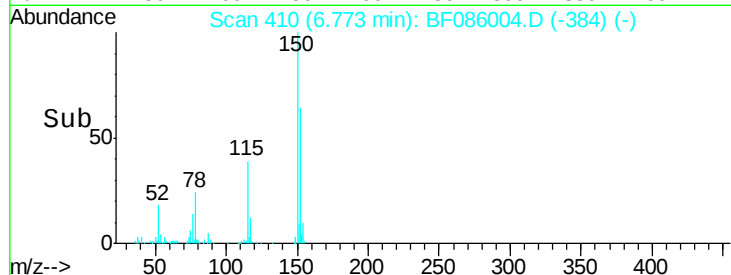
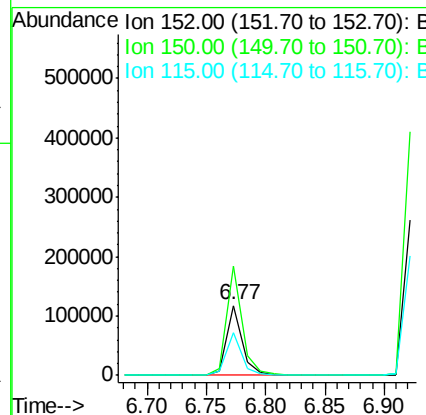
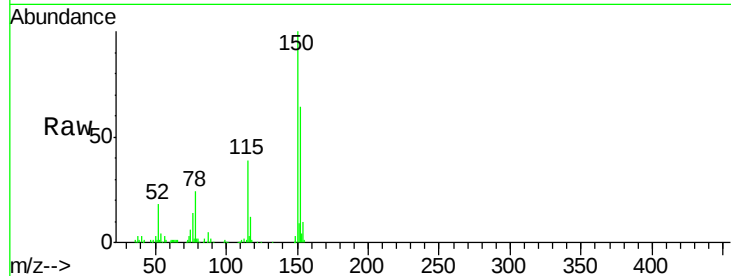


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF086004.D
Acq: 2 Apr 2016 11:39

Instrument :
BNA_F
ClientSampleId :
BH-6(5-7.5)

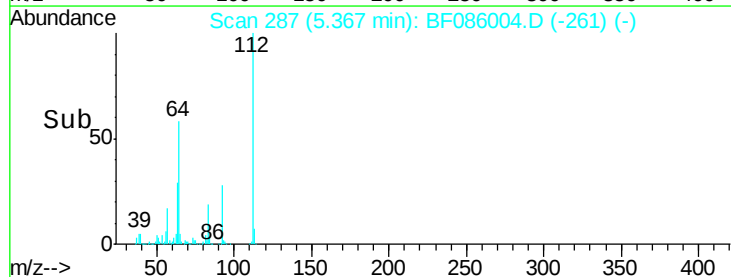
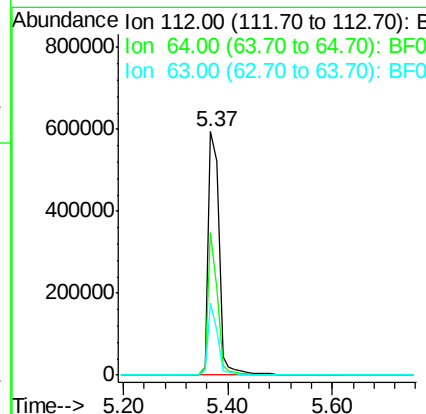
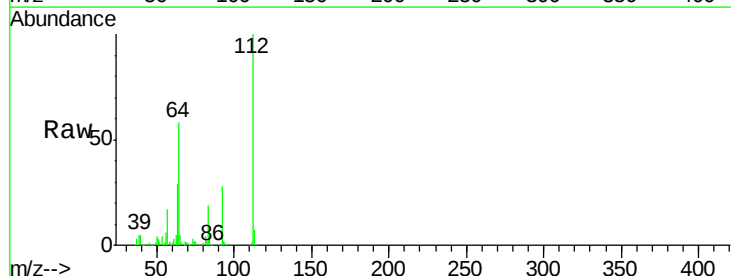
Tgt Ion:152 Resp: 105736
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 61.0 47.0 70.6



#5

2-Fluorophenol
Concen: 139.96 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF086004.D
Acq: 2 Apr 2016 11:39

Tgt Ion:112 Resp: 865802
Ion Ratio Lower Upper
112 100
64 58.4 39.9 59.9
63 29.5 20.2 30.2





#7

Phenol-d6

Concen: 149.21 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086004.D

Acq: 2 Apr 2016 11:39

Instrument :

BNA_F

ClientSampleId :

BH-6(5-7.5)

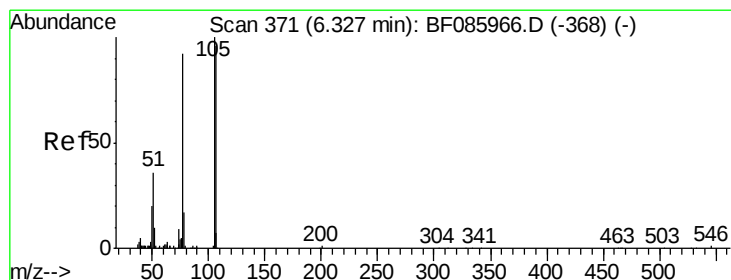
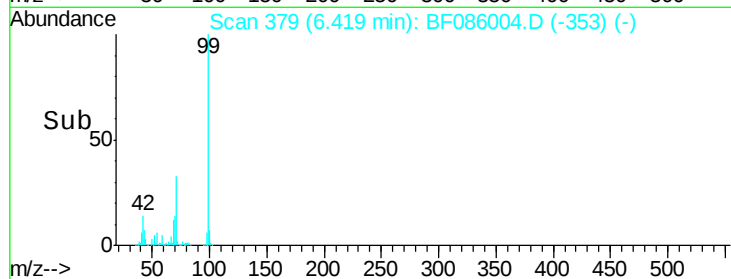
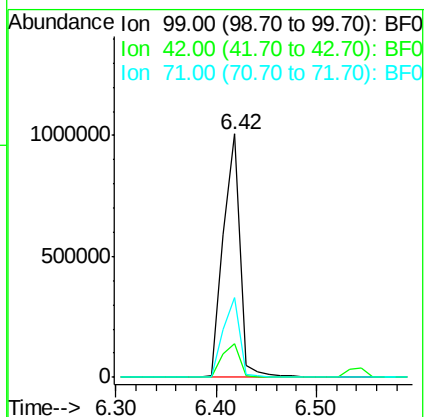
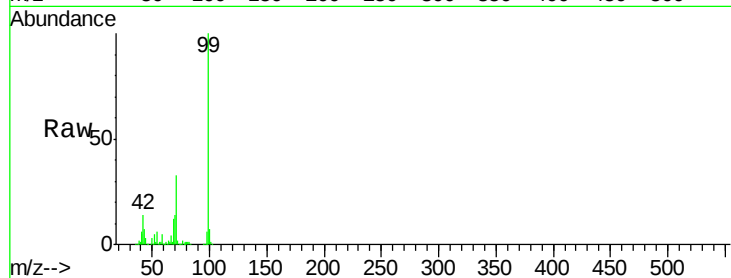
Tgt Ion: 99 Resp: 1172360

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

71 32.6 24.9 37.3



#9

Benzaldehyde

Concen: 4.84 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086004.D

Acq: 2 Apr 2016 11:39

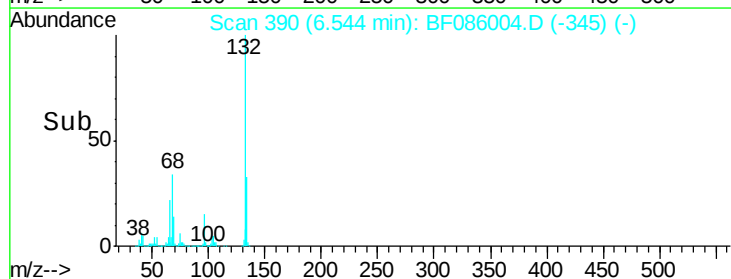
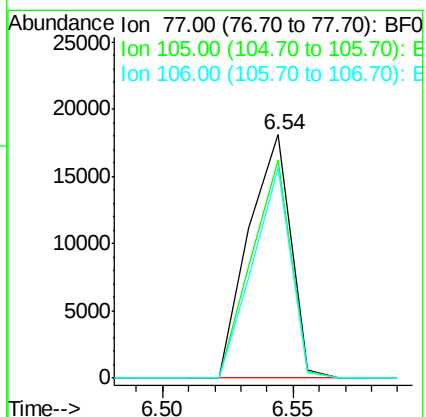
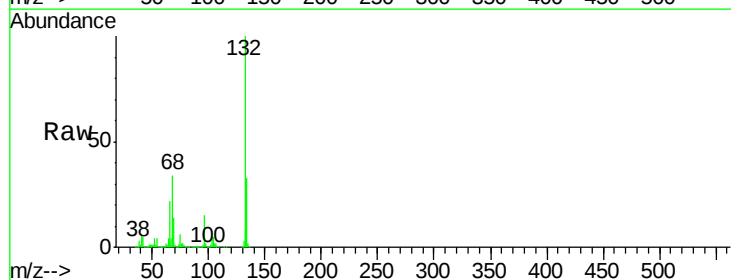
Tgt Ion: 77 Resp: 20460

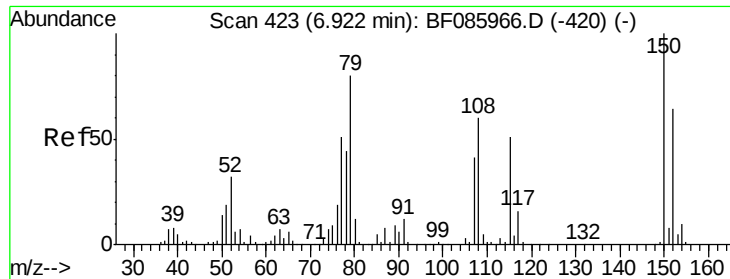
Ion Ratio Lower Upper

77 100

105 89.3 80.1 120.1

106 86.5 75.0 115.0

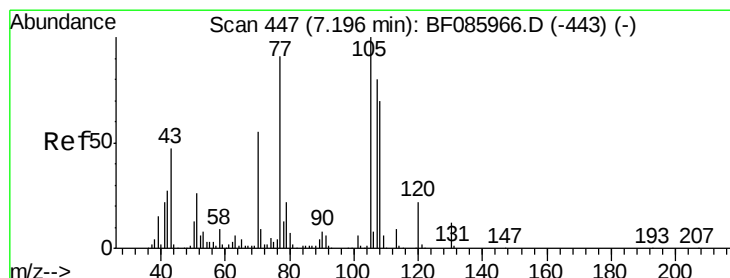
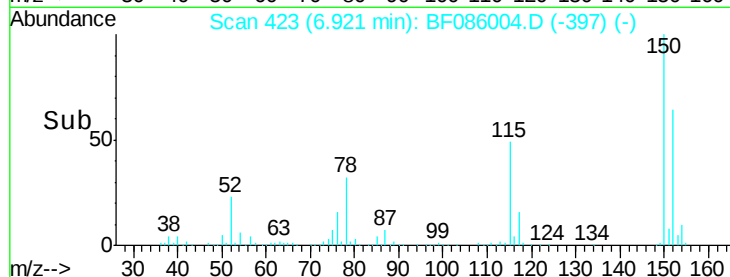
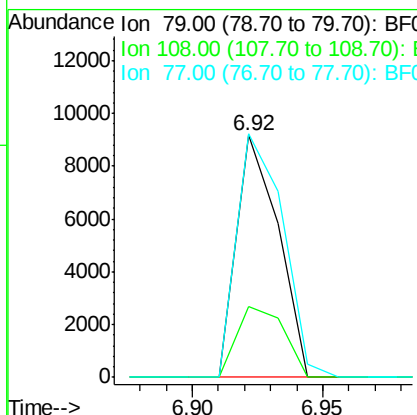
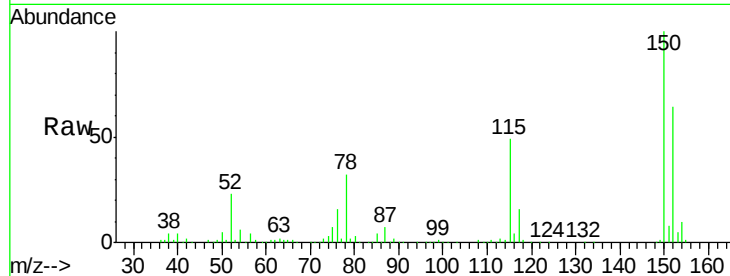




#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF086004.D
Acq: 2 Apr 2016 11:39

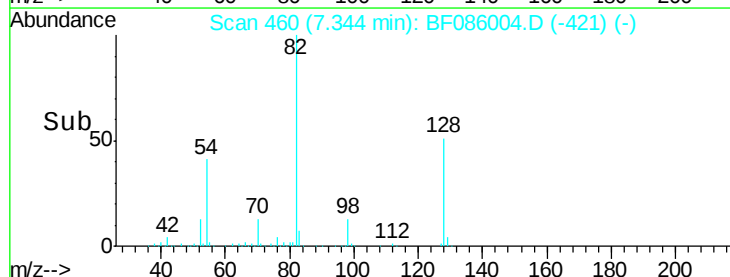
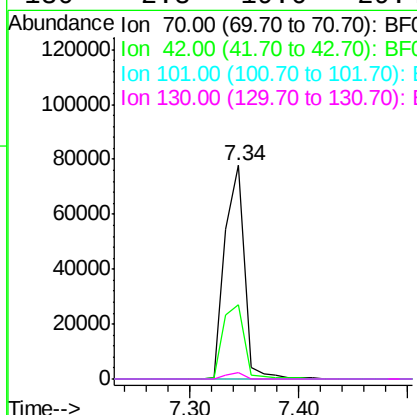
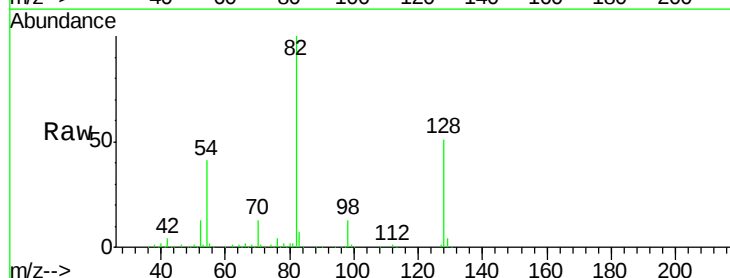
Instrument :
BNA_F
ClientSampleId :
BH-6(5-7.5)

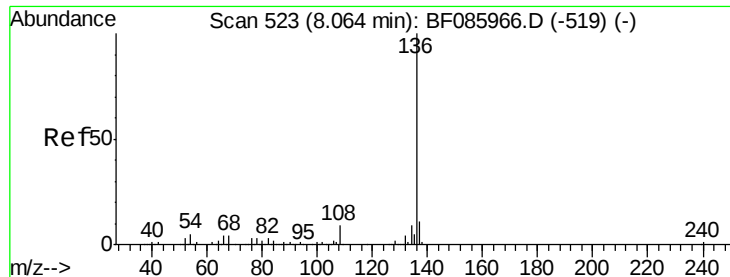
Tgt Ion: 79 Resp: 10299
Ion Ratio Lower Upper
79 100
108 29.1 61.8 92.6#
77 100.7 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.99 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF086004.D
Acq: 2 Apr 2016 11:39

Tgt Ion: 70 Resp: 97367
Ion Ratio Lower Upper
70 100
42 34.9 37.1 55.7#
101 0.0 8.6 12.8#
130 2.8 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: BF086004.D

Acq: 2 Apr 2016 11:39

Instrument :

BNA_F

ClientSampleId :

BH-6(5-7.5)

Tgt Ion:136 Resp: 407692

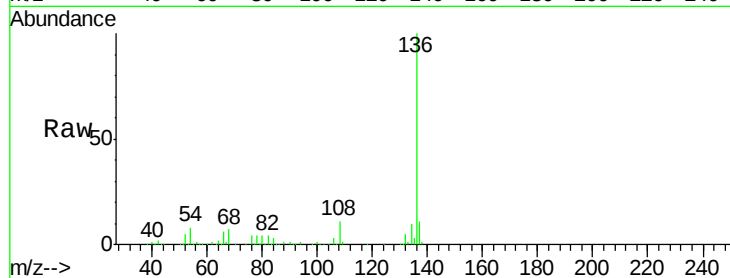
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.3 7.4 11.0

68 6.8 5.8 8.8

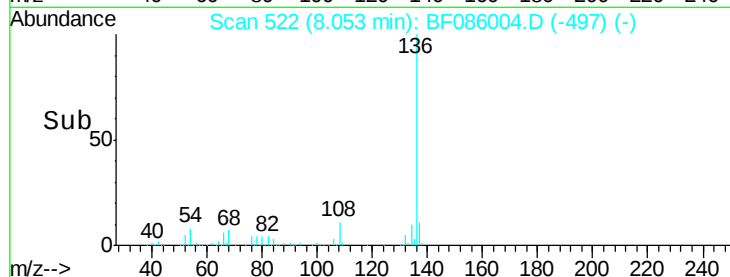


Abundance Ion 136.00 (135.70 to 136.70): E

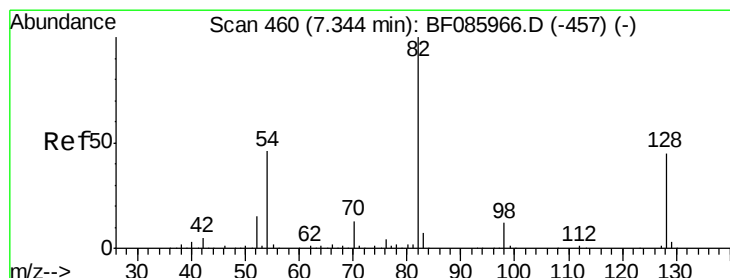
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 108.31 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF086004.D

Acq: 2 Apr 2016 11:39

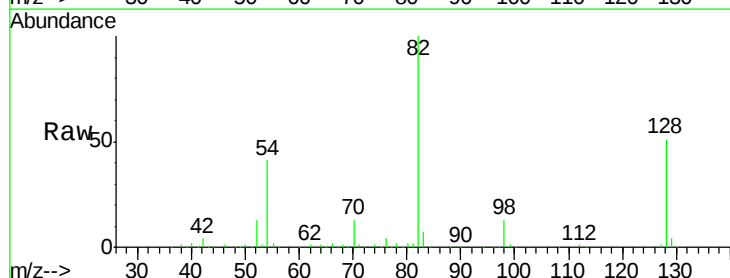
Tgt Ion: 82 Resp: 748761

Ion Ratio Lower Upper

82 100

128 51.4 41.8 62.8

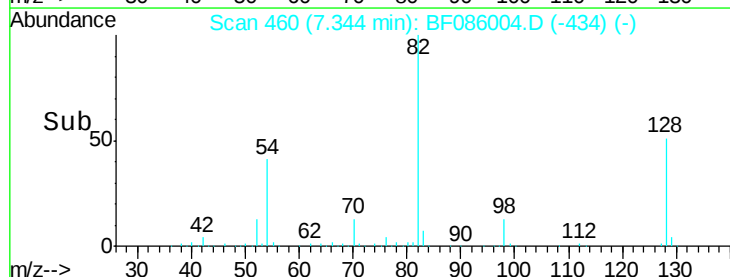
54 40.9 33.4 50.0



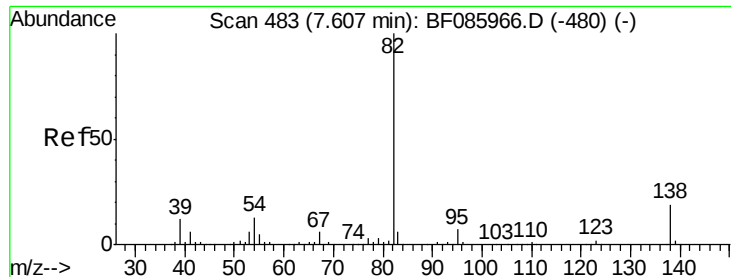
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 54.68 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF086004.D

Acq: 2 Apr 2016 11:39

Instrument :

BNA_F

ClientSampleId :

BH-6(5-7.5)

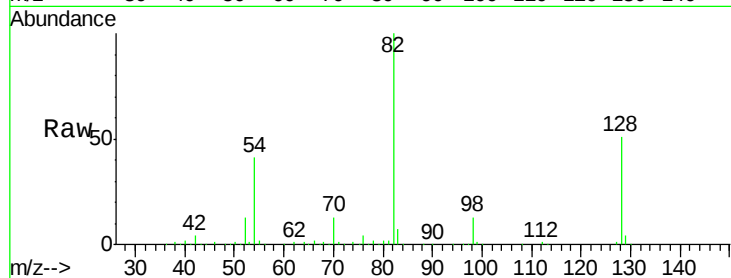
Tgt Ion: 82 Resp: 746263

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

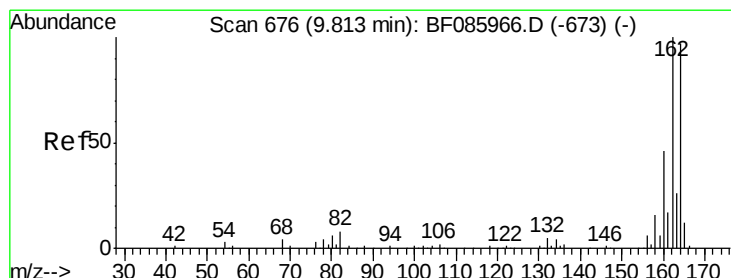
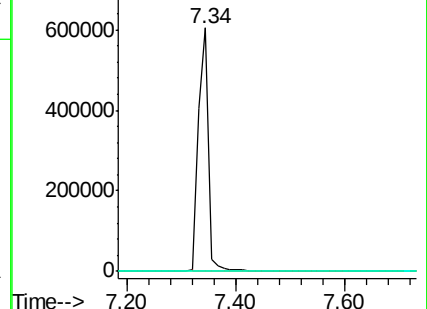
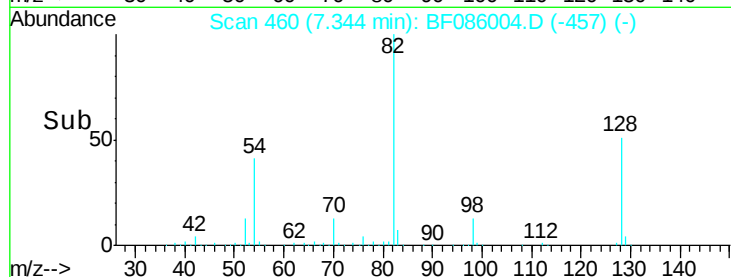
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF086004.D (-457) (-)

Ion 95.00 (94.70 to 95.70): BF086004.D (-457) (-)

Ion 138.00 (137.70 to 138.70): BF086004.D (-457) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086004.D

Acq: 2 Apr 2016 11:39

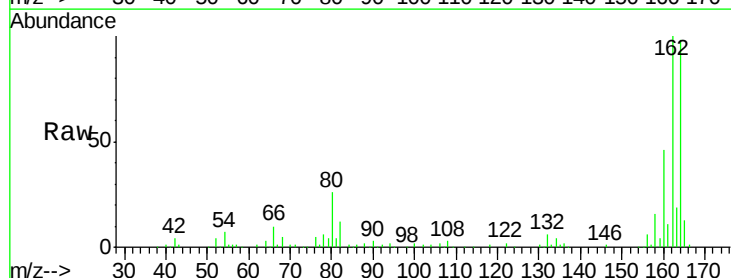
Tgt Ion: 164 Resp: 188598

Ion Ratio Lower Upper

164 100

162 101.8 82.1 123.1

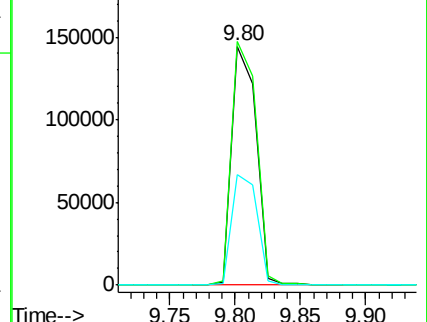
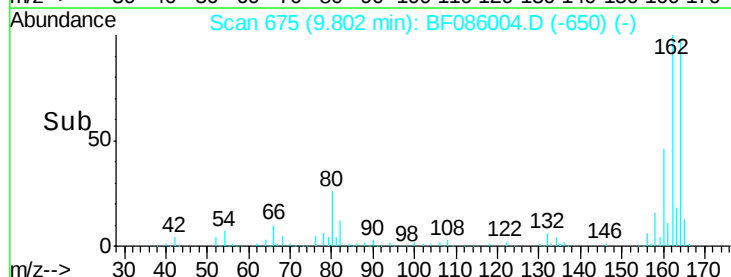
160 46.4 37.4 56.2

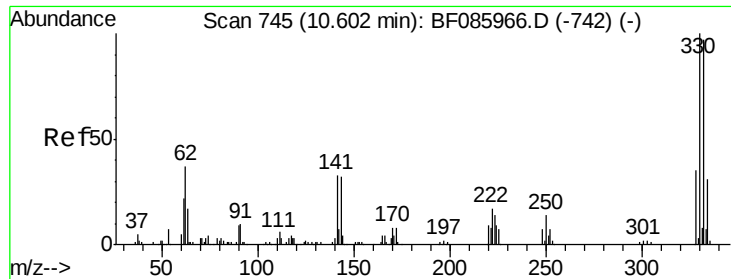


Abundance Ion 164.00 (163.70 to 164.70): BF086004.D (-650) (-)

Ion 162.00 (161.70 to 162.70): BF086004.D (-650) (-)

Ion 160.00 (159.70 to 160.70): BF086004.D (-650) (-)

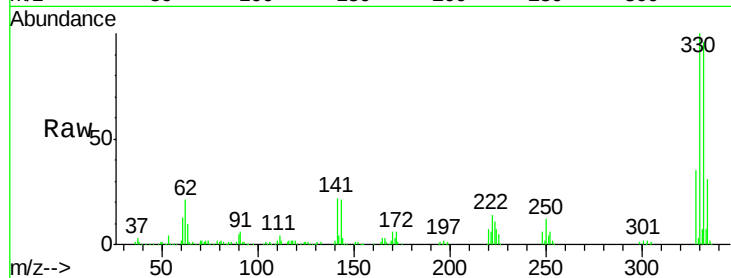




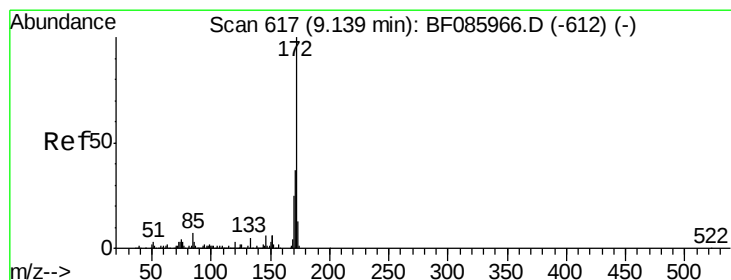
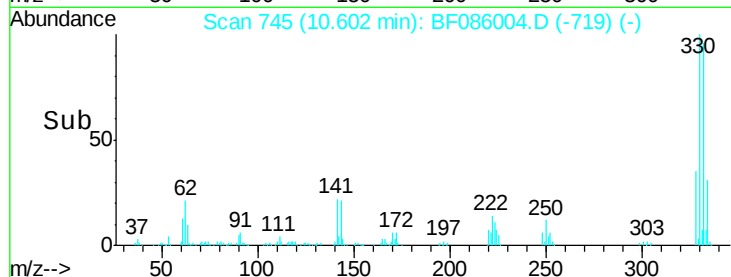
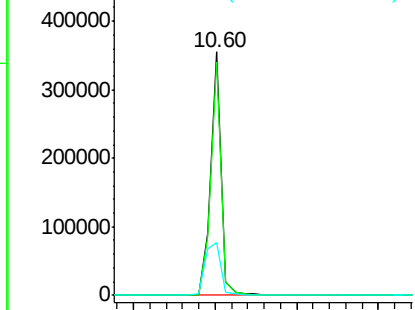
#41
 2,4,6-Tribromophenol
 Concen: 184.89 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086004.D
 Acq: 2 Apr 2016 11:39

Instrument :
 BNA_F
 ClientSampleId :
 BH-6(5-7.5)

Tgt Ion:330 Resp: 327281
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.2 117.2
 141 32.7 31.5 47.3

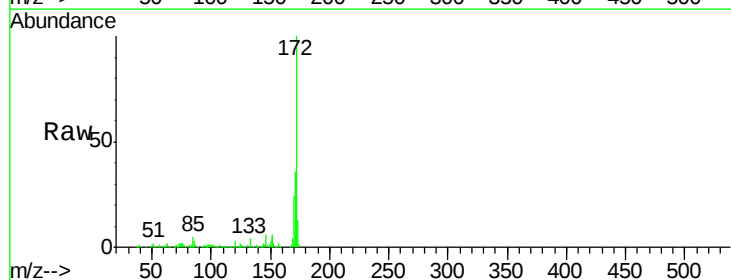


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

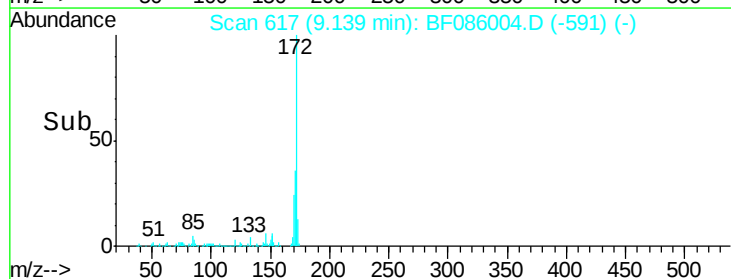
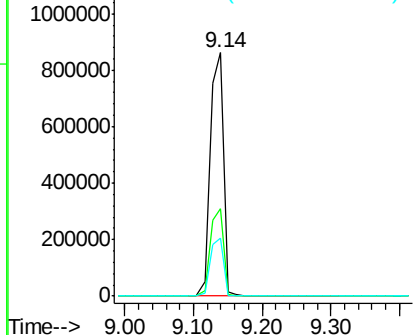


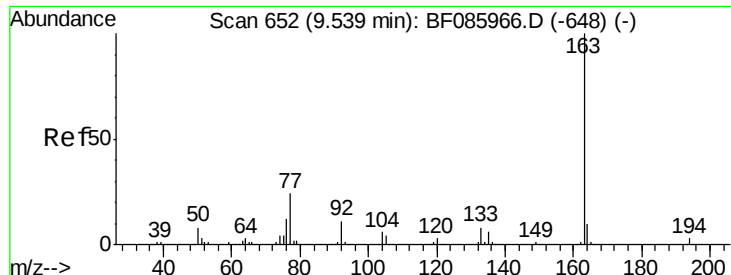
#44
 2-Fluorobiphenyl
 Concen: 102.75 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086004.D
 Acq: 2 Apr 2016 11:39

Tgt Ion:172 Resp: 1165486
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.1 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

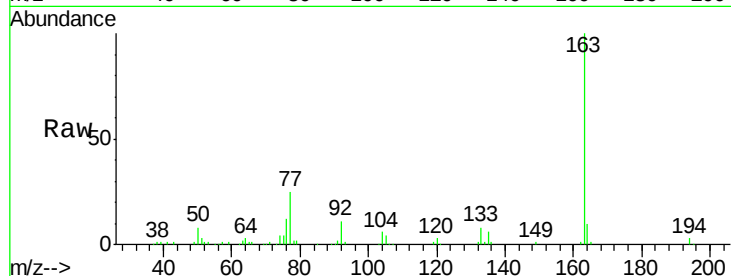




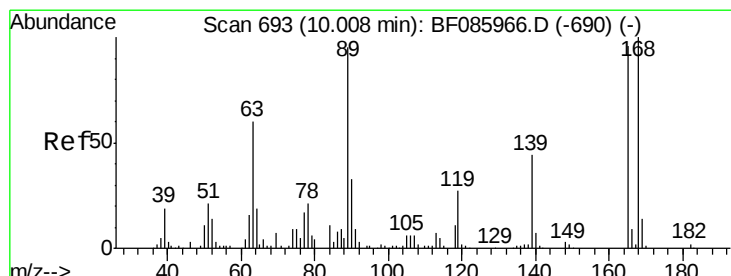
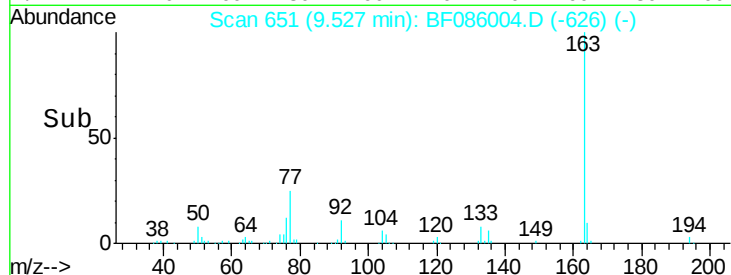
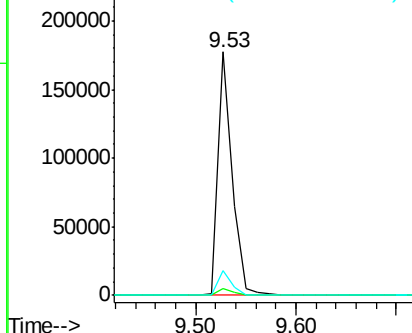
#49
Dimethylphthalate
Concen: 12.52 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086004.D
Acq: 2 Apr 2016 11:39

Instrument :
BNA_F
ClientSampleId :
BH-6(5-7.5)

Tgt Ion:163 Resp: 174966
Ion Ratio Lower Upper
163 100
194 2.9 2.9 4.3
164 10.3 8.3 12.5

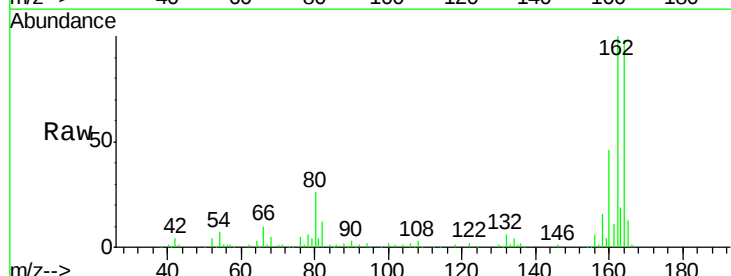


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

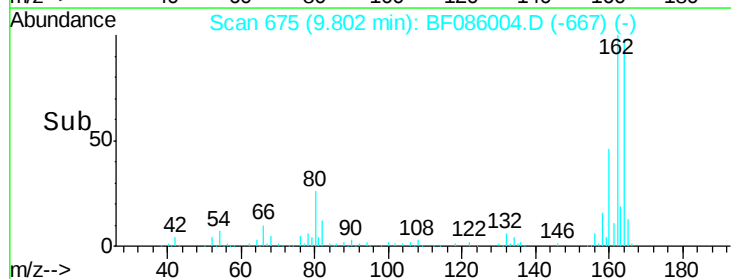
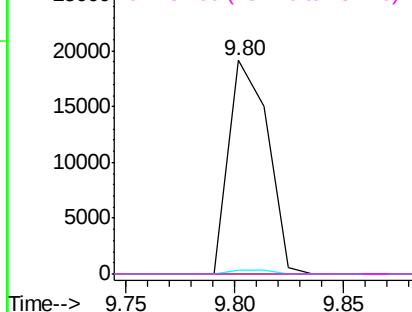


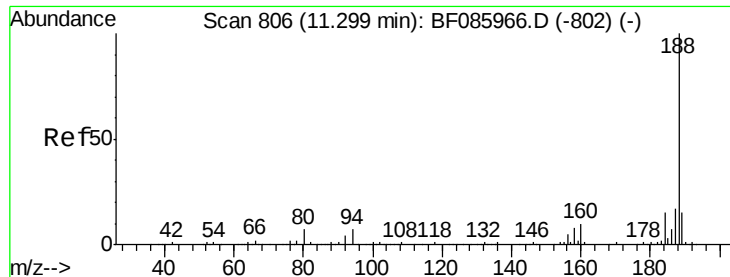
#56
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF086004.D
Acq: 2 Apr 2016 11:39

Tgt Ion:165 Resp: 23773
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

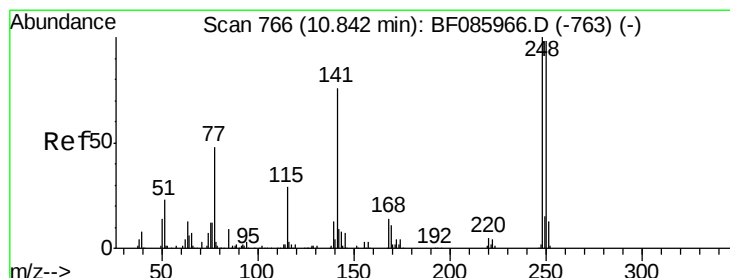
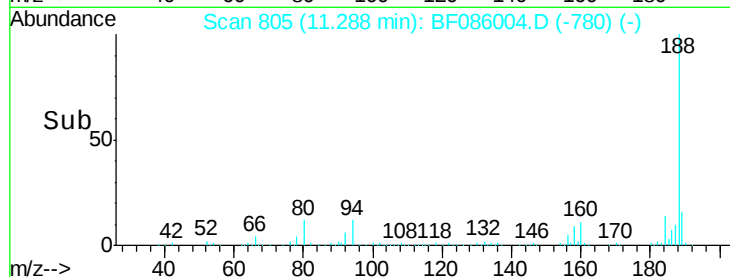
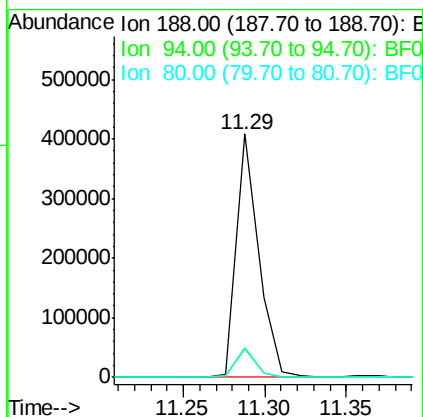
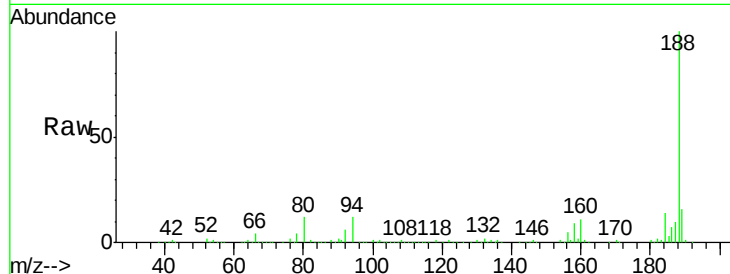




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF086004.D
 Acq: 2 Apr 2016 11:39

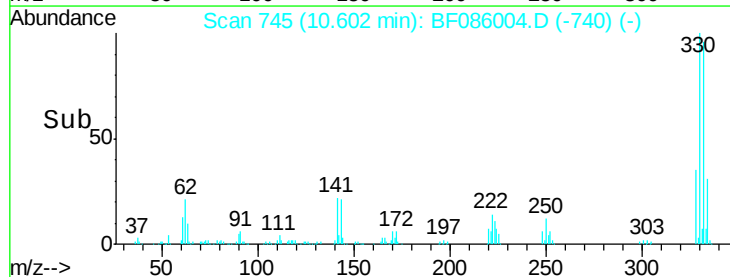
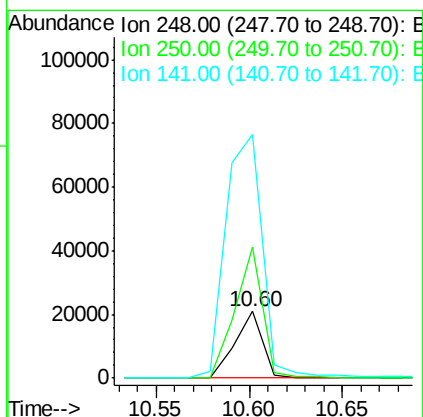
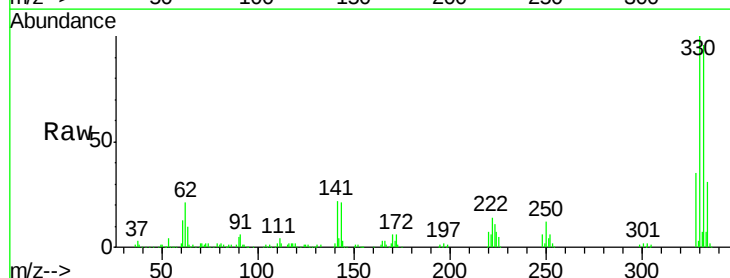
Instrument :
 BNA_F
 ClientSampleId :
 BH-6(5-7.5)

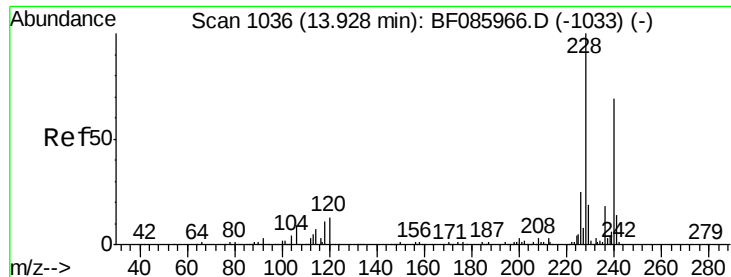
Tgt Ion:188 Resp: 386120
 Ion Ratio Lower Upper
 188 100
 94 11.5 5.4 8.0#
 80 12.3 5.5 8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 5.46 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.24 min
 Lab File: BF086004.D
 Acq: 2 Apr 2016 11:39

Tgt Ion:248 Resp: 21505
 Ion Ratio Lower Upper
 248 100
 250 197.9 77.4 116.0#
 141 366.5 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: BF086004.D

Acq: 2 Apr 2016 11:39

Instrument :

BNA_F

ClientSampleId :

BH-6(5-7.5)

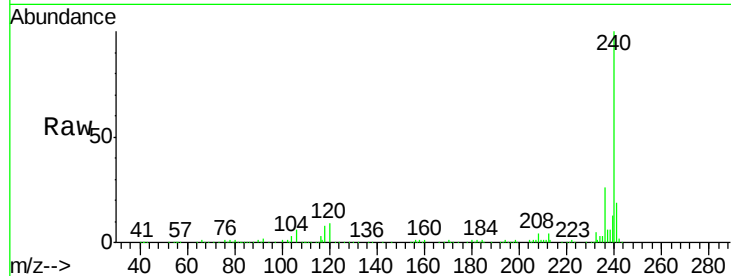
Tgt Ion:240 Resp: 361340

Ion Ratio Lower Upper

240 100

120 9.3 13.8 20.8#

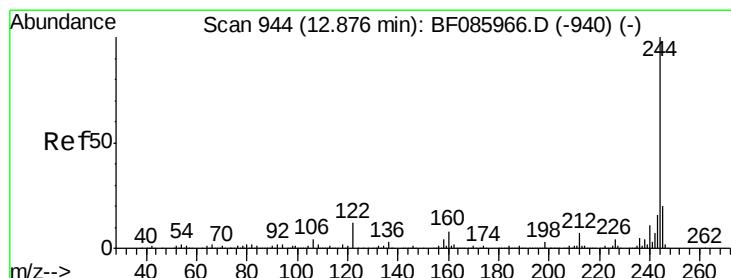
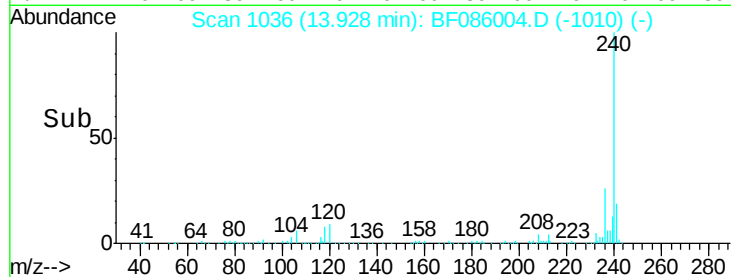
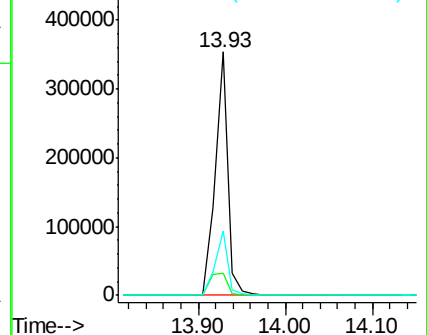
236 26.2 20.6 30.8



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: 74.87 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086004.D

Acq: 2 Apr 2016 11:39

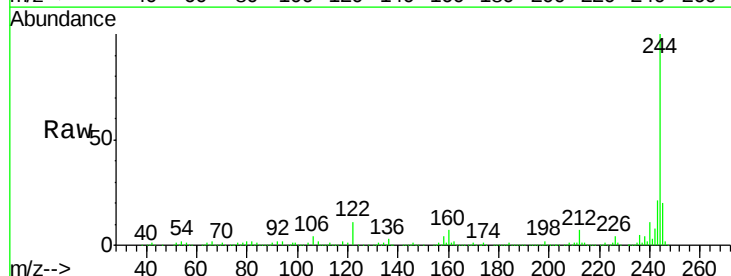
Tgt Ion:244 Resp: 1150900

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

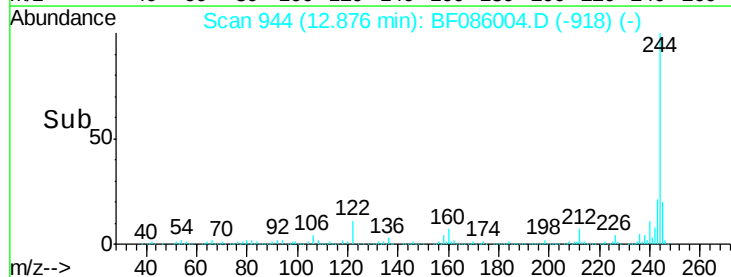
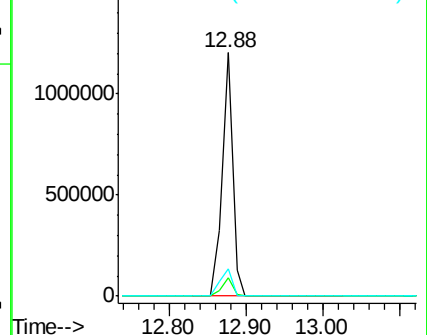
122 11.3 10.2 15.4

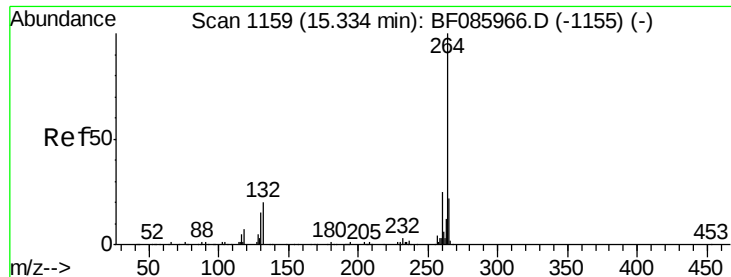


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086004.D
Acq: 2 Apr 2016 11:39

Instrument :
BNA_F
ClientSampleId :
BH-6(5-7.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.2	17.2	25.8

