

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086154.D
 Acq On : 8 Apr 2016 2:45
 Operator : UM/SJ
 Sample : H2282-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-39(0.5-25.0)

Quant Time: Apr 08 03:53:12 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

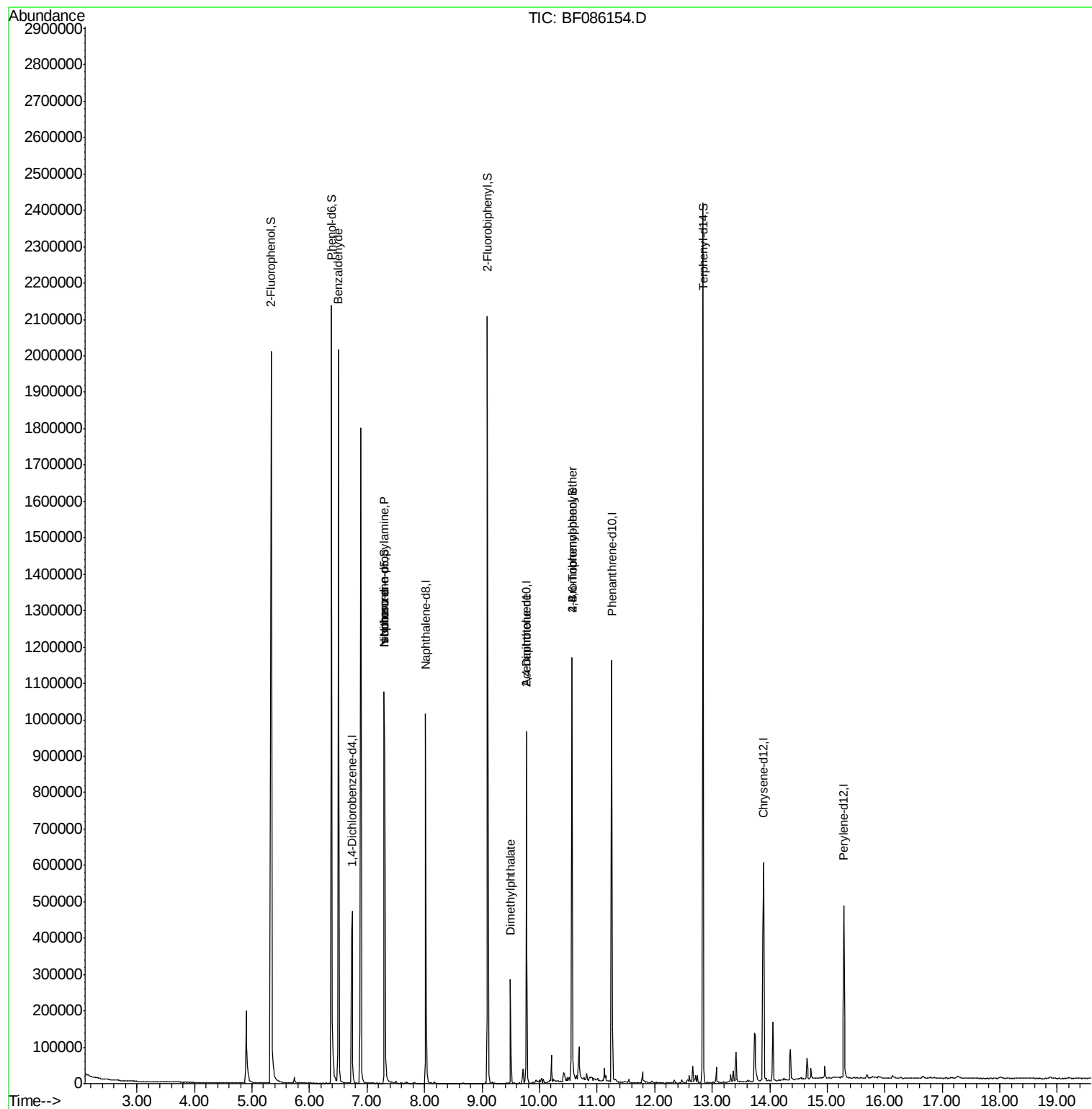
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	111154	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	464941	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	203391	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	395417	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	263115	20.00	ng	-0.03
86) Perylene-d12	15.29	264	205620	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	735924	113.17	ng	-0.03
7) Phenol-d6	6.38	99	979118	118.54	ng	-0.03
23) Nitrobenzene-d5	7.30	82	534250	67.76	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	238260	124.81	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	783052	64.01	ng	-0.05
78) Terphenyl-d14	12.84	244	873826	78.07	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.50	77	14239	3.20	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.30	70	69046	13.49	ng	# 80
25) Isophorone	7.30	82	529339	34.01	ng	# 68
49) Dimethylphthalate	9.49	163	116580	7.73	ng	99
56) 2,4-Dinitrotoluene	9.77	165	25962	6.44	ng	# 37
66) 4-Bromophenyl-phenylether	10.57	248	14444	3.58	ng	# 1

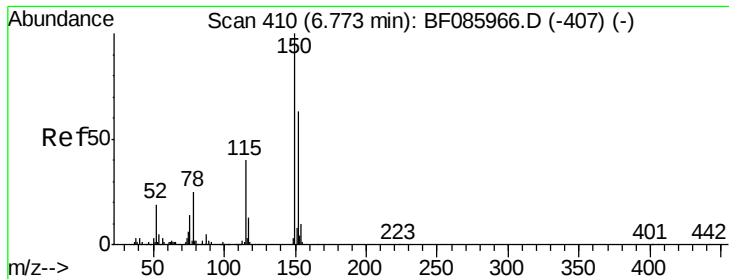
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-39(0.5-25.0)

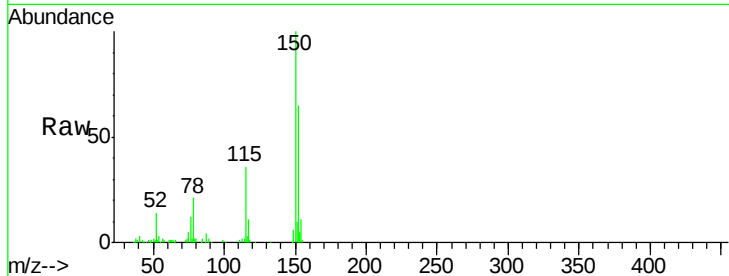
Tgt Ion:152 Resp: 111154

Ion Ratio Lower Upper

152 100

150 153.2 124.2 186.2

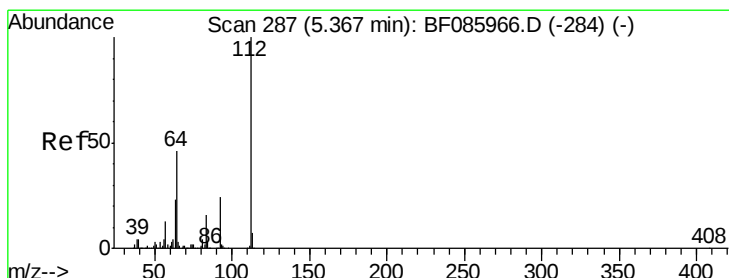
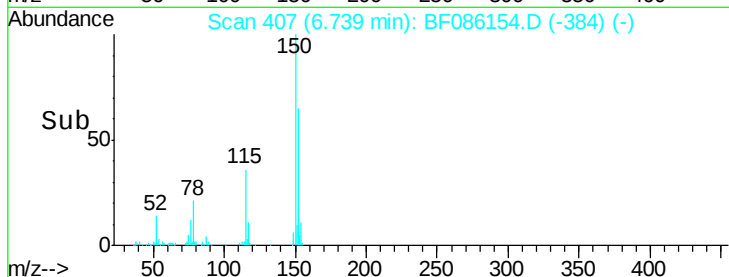
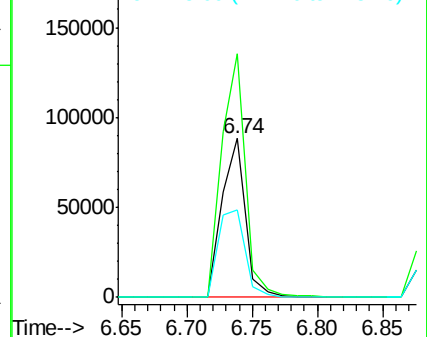
115 55.2 47.0 70.6



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: 113.17 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

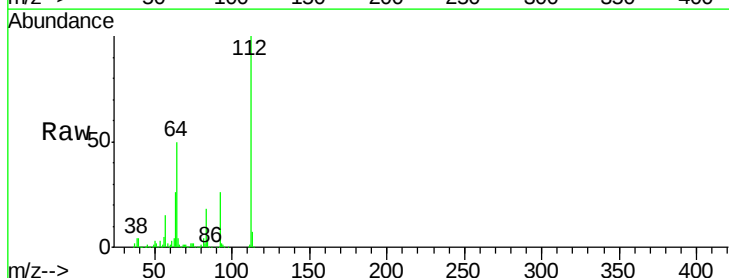
Tgt Ion:112 Resp: 735924

Ion Ratio Lower Upper

112 100

64 50.3 39.9 59.9

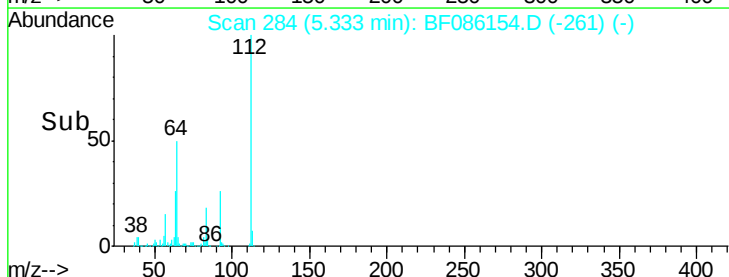
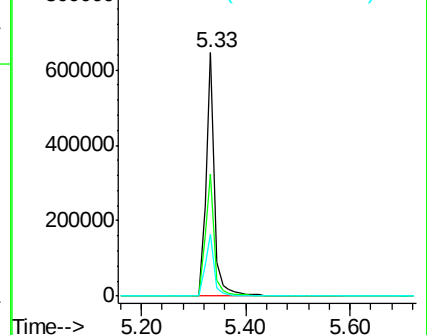
63 25.6 20.2 30.2

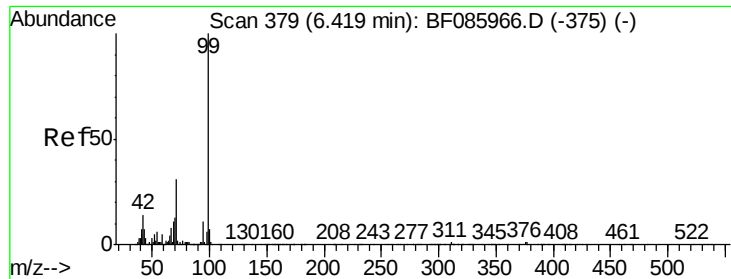


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.54 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-39(0.5-25.0)

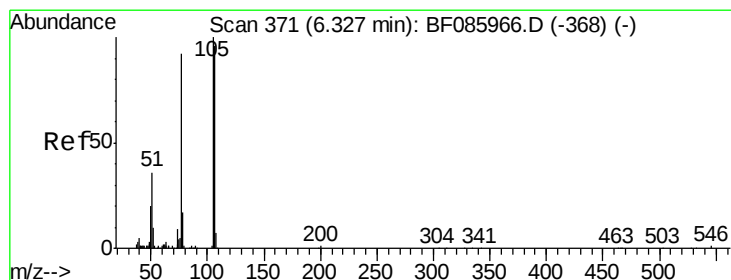
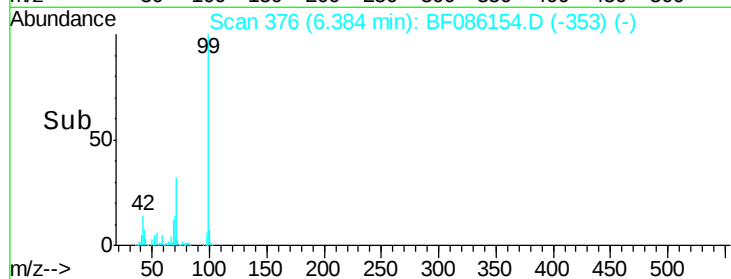
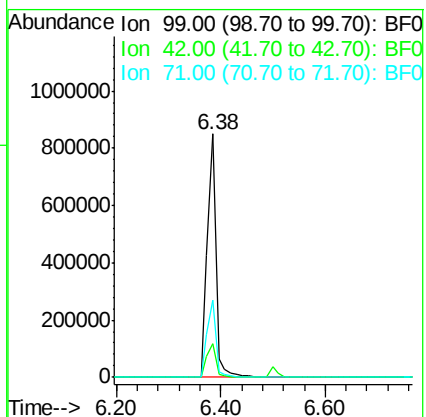
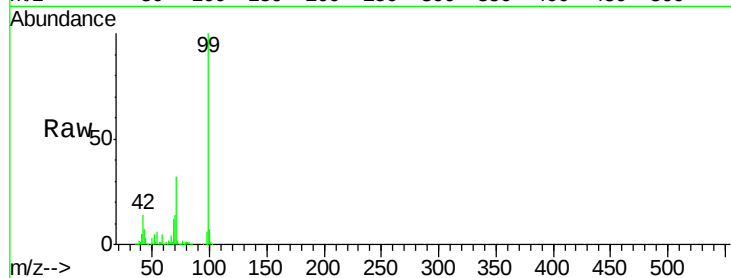
Tgt Ion: 99 Resp: 979118

Ion Ratio Lower Upper

99 100

42 13.9 11.1 16.7

71 32.0 24.9 37.3



#9

Benzaldehyde

Concen: 3.20 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.17 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

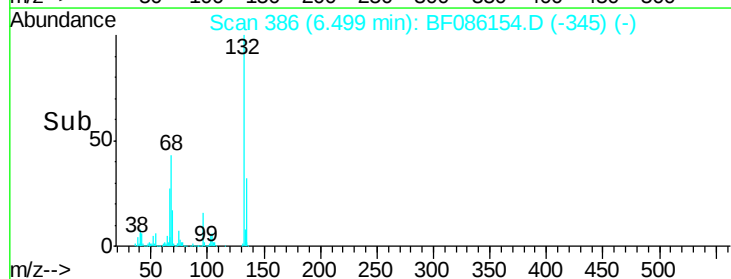
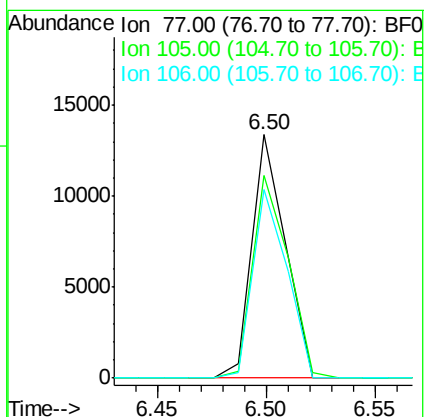
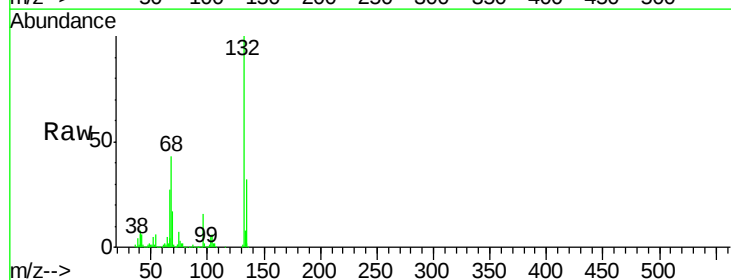
Tgt Ion: 77 Resp: 14239

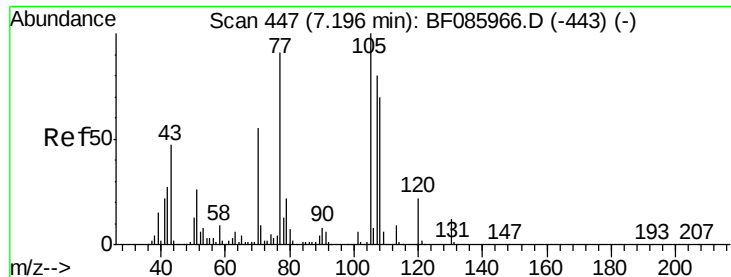
Ion Ratio Lower Upper

77 100

105 83.0 80.1 120.1

106 77.3 75.0 115.0

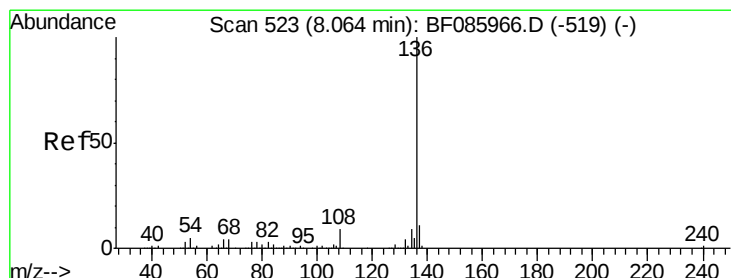
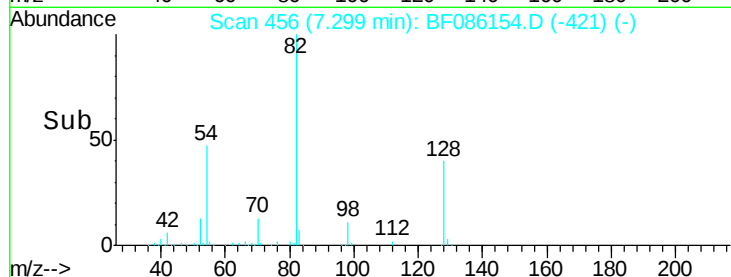
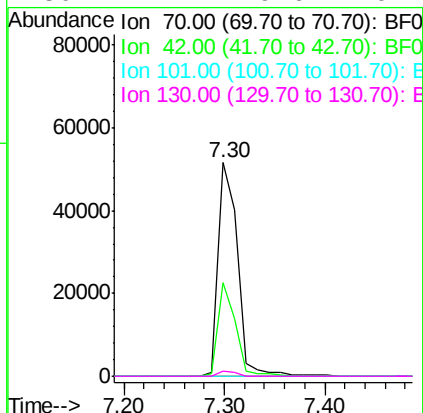
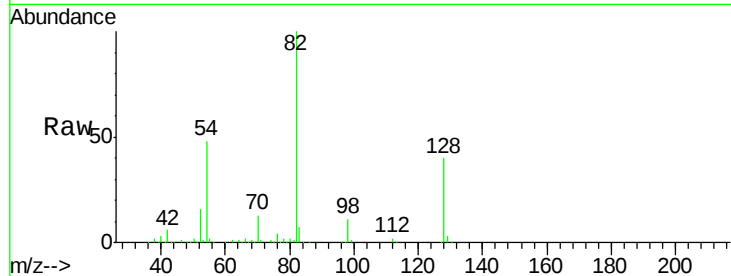




#19
n-Nitroso-di-n-propylamine
Concen: 13.49 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.10 min
Lab File: BF086154.D
Acq: 8 Apr 2016 2:45

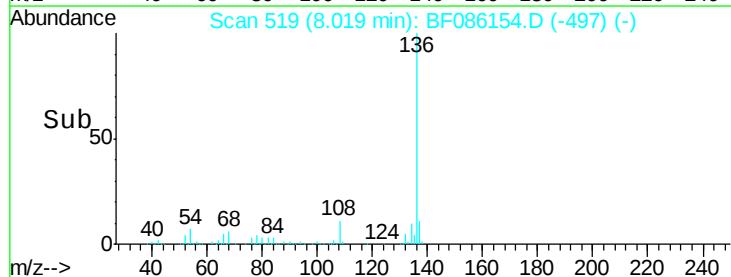
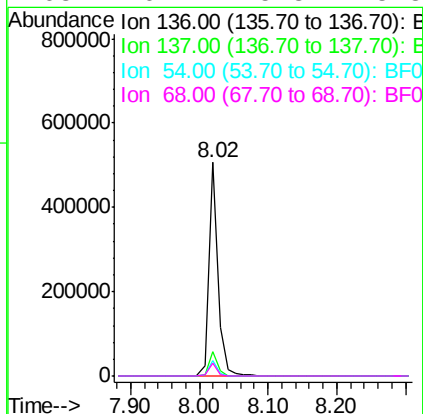
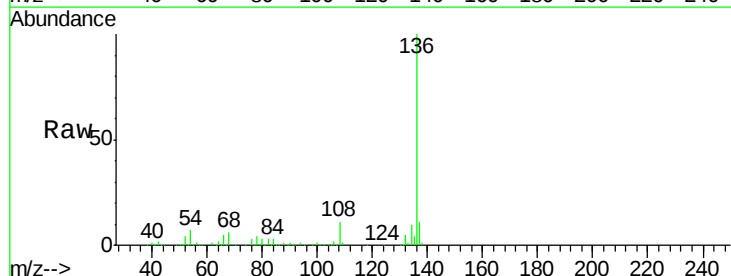
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-39(0.5-25.0)

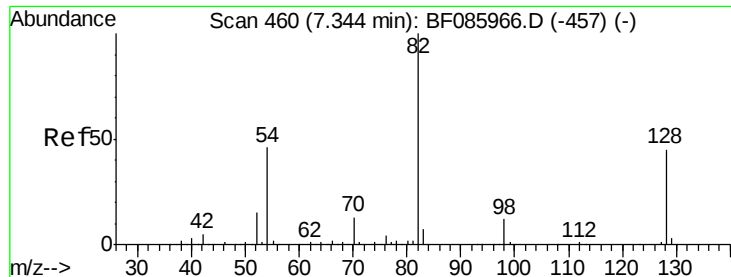
Tgt Ion: 70 Resp: 69046
Ion Ratio Lower Upper
70 100
42 43.6 37.1 55.7
101 0.0 8.6 12.8#
130 2.2 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086154.D
Acq: 8 Apr 2016 2:45

Tgt Ion: 136 Resp: 464941
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.2 7.4 11.0#
68 6.1 5.8 8.8

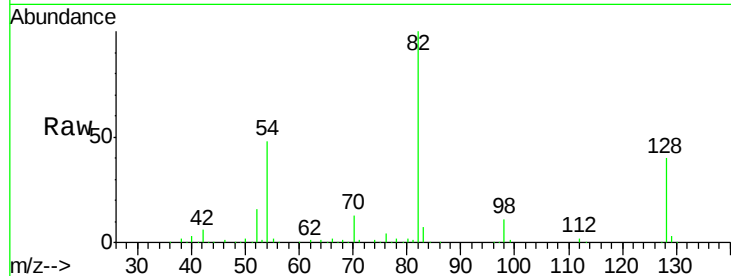




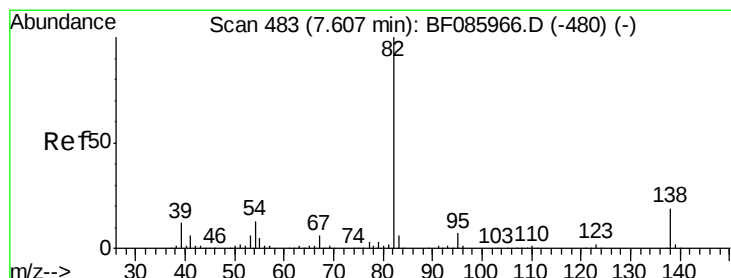
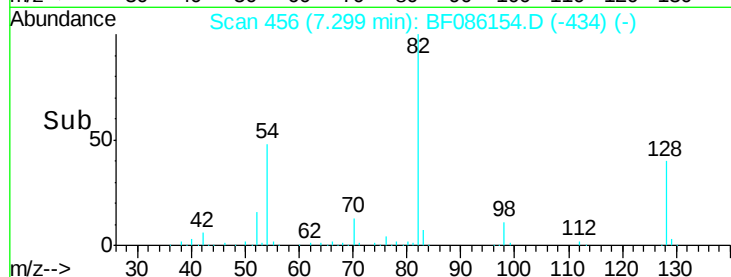
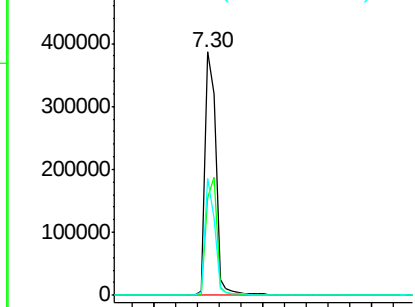
#23
 Nitrobenzene-d5
 Concen: 67.76 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086154.D
 Acq: 8 Apr 2016 2:45

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-39(0.5-25.0)

Tgt Ion: 82 Resp: 534250
 Ion Ratio Lower Upper
 82 100
 128 40.2 41.8 62.8#
 54 47.9 33.4 50.0

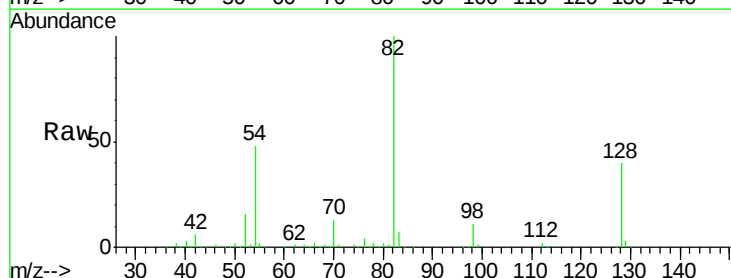


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

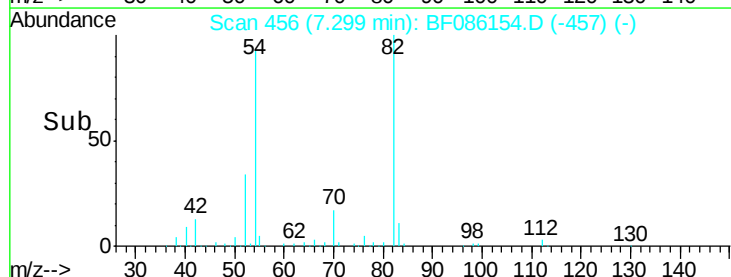
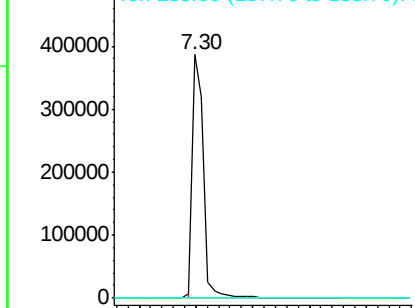


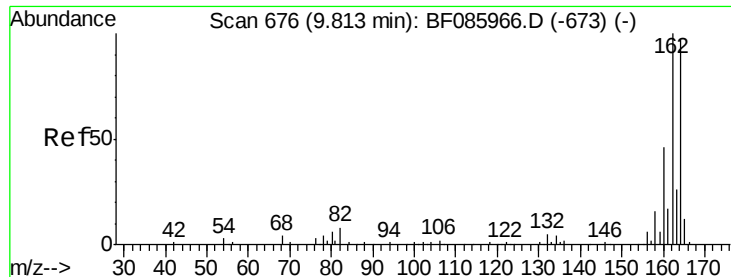
#25
 Isophorone
 Concen: 34.01 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.31 min
 Lab File: BF086154.D
 Acq: 8 Apr 2016 2:45

Tgt Ion: 82 Resp: 529339
 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: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-39(0.5-25.0)

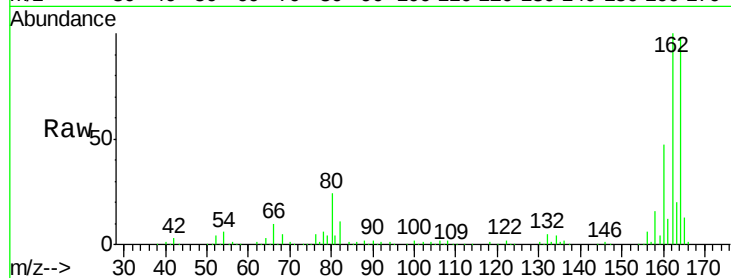
Tgt Ion:164 Resp: 203391

Ion Ratio Lower Upper

164 100

162 101.5 82.1 123.1

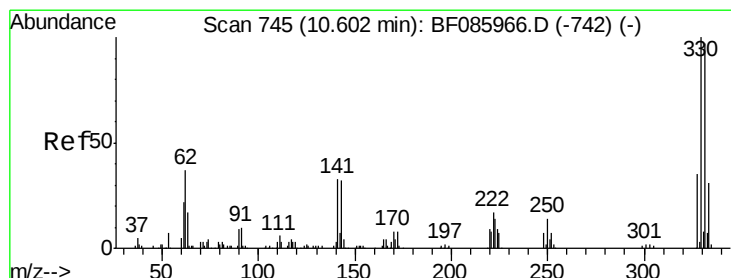
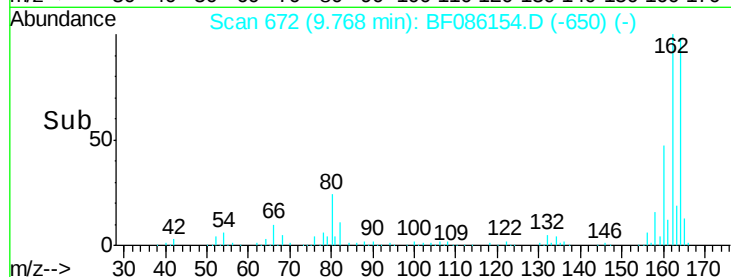
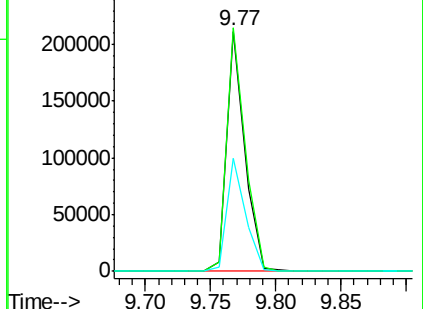
160 47.4 37.4 56.2



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: 124.81 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

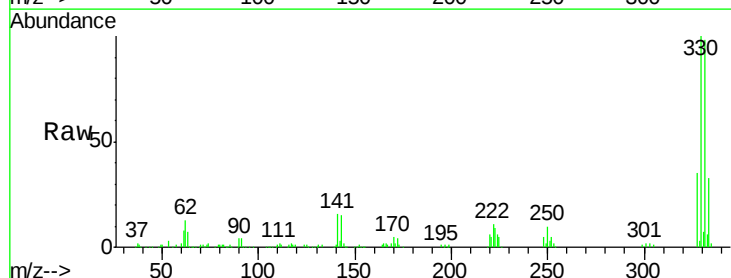
Tgt Ion:330 Resp: 238260

Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.2

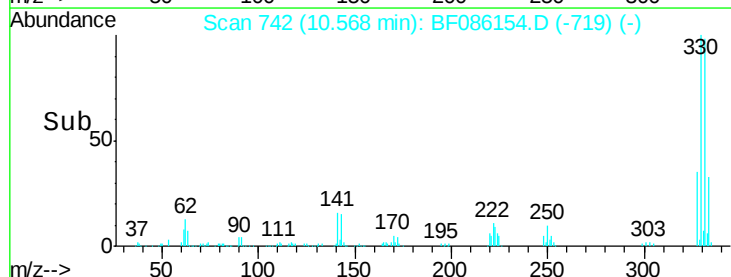
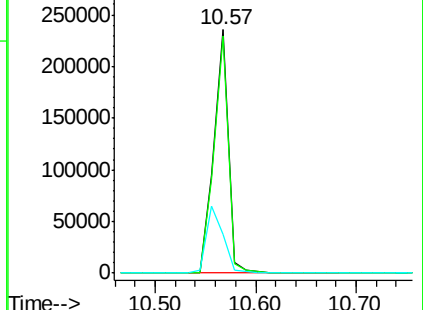
141 31.8 31.5 47.3

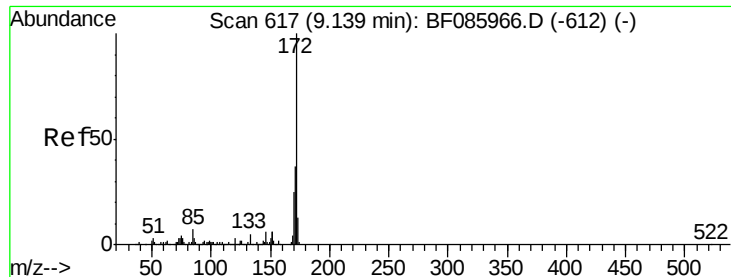


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 64.01 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.05 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-39(0.5-25.0)

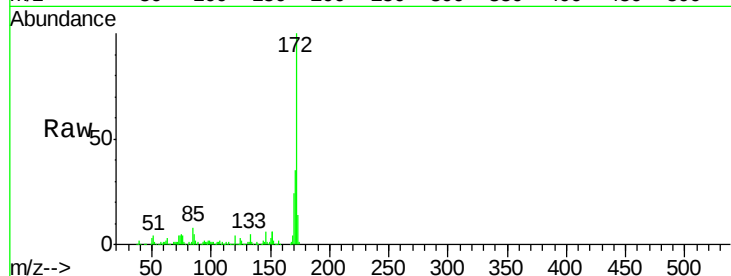
Tgt Ion:172 Resp: 783052

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.2

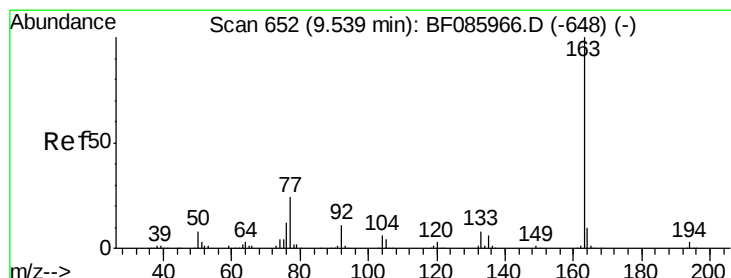
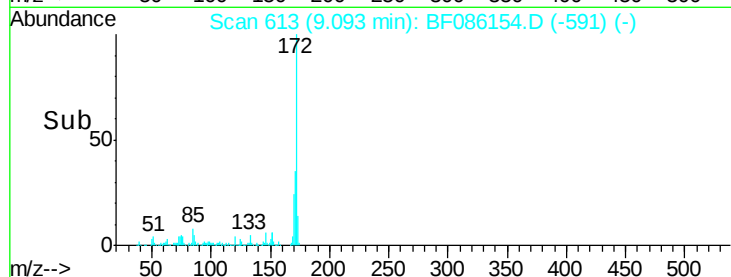
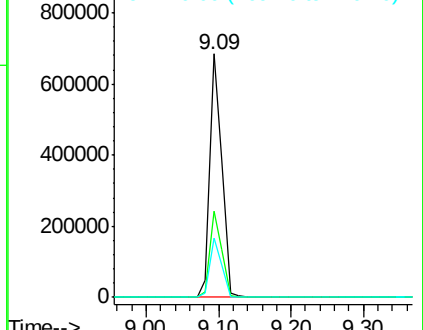
170 24.1 19.8 29.6



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: 7.73 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

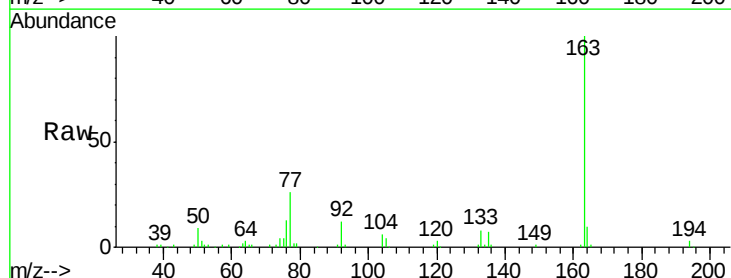
Tgt Ion:163 Resp: 116580

Ion Ratio Lower Upper

163 100

194 3.0 2.9 4.3

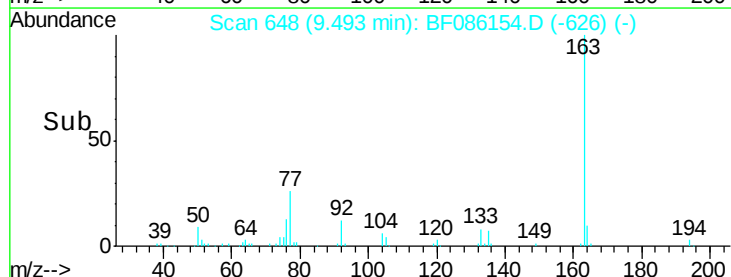
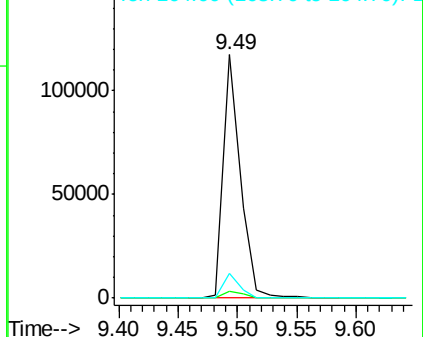
164 10.3 8.3 12.5

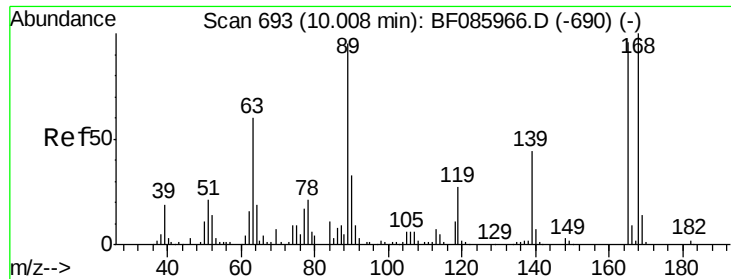


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

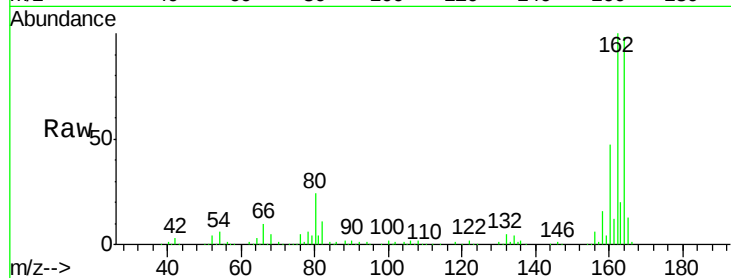




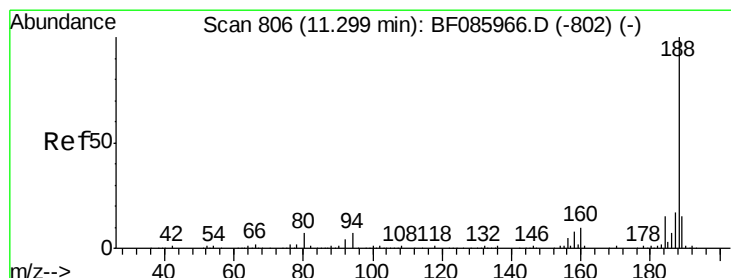
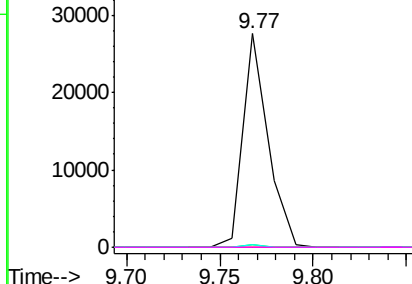
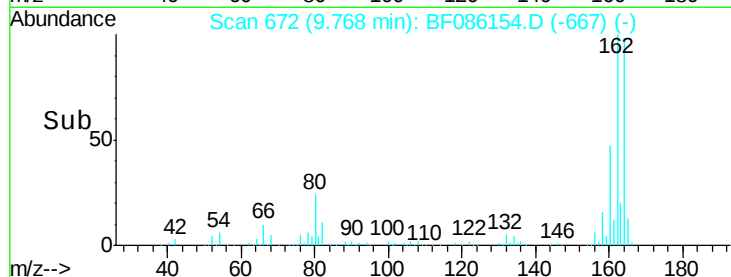
#56
 2,4-Dinitrotoluene
 Concen: 6.44 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.24 min
 Lab File: BF086154.D
 Acq: 8 Apr 2016 2:45

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-39(0.5-25.0)

Tgt Ion:165 Resp: 25962
 Ion Ratio Lower Upper
 165 100
 63 1.3 24.9 37.3#
 89 1.4 41.0 61.6#
 182 0.0 2.1 3.1#

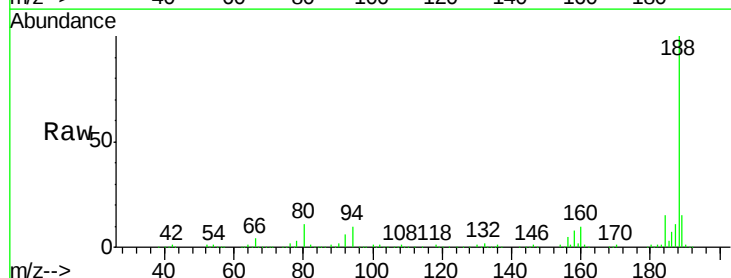


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

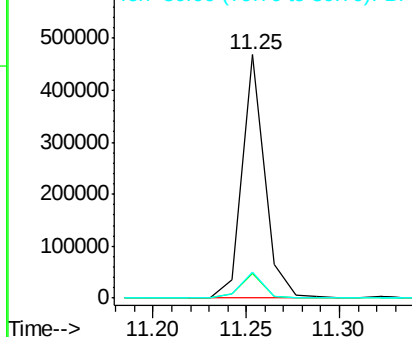
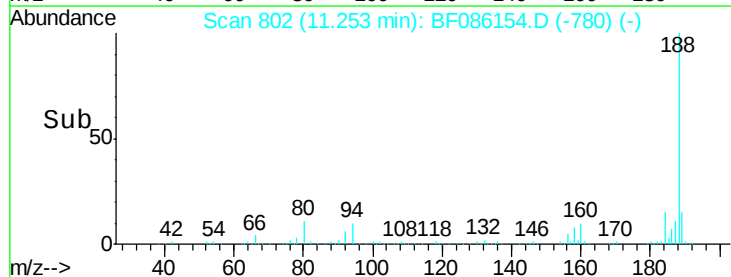


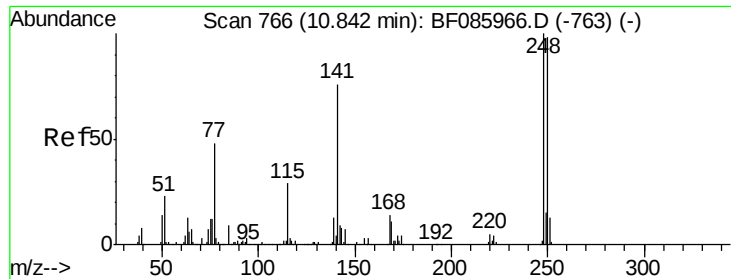
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.05 min
 Lab File: BF086154.D
 Acq: 8 Apr 2016 2:45

Tgt Ion:188 Resp: 395417
 Ion Ratio Lower Upper
 188 100
 94 10.2 5.4 8.0#
 80 10.8 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

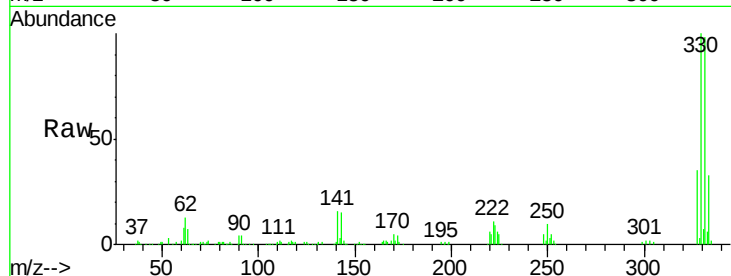




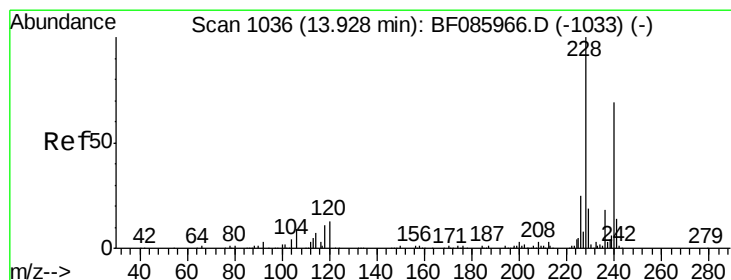
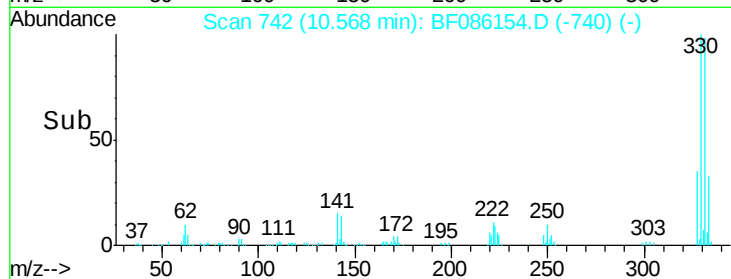
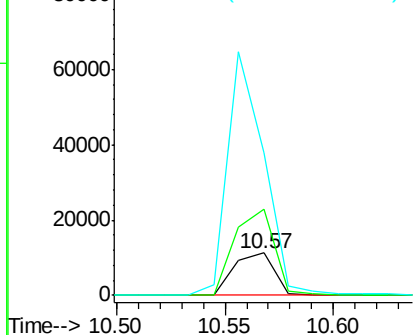
#66
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086154.D
Acq: 8 Apr 2016 2:45

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-39(0.5-25.0)

Tgt Ion:248 Resp: 14444
Ion Ratio Lower Upper
248 100
250 202.4 77.4 116.0#
141 335.7 63.6 95.4#

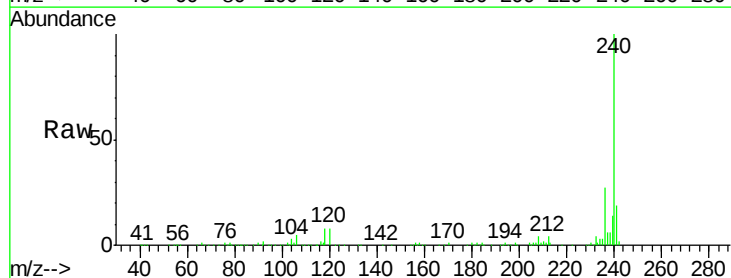


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

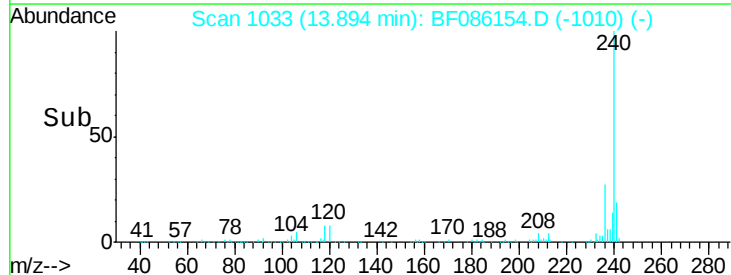
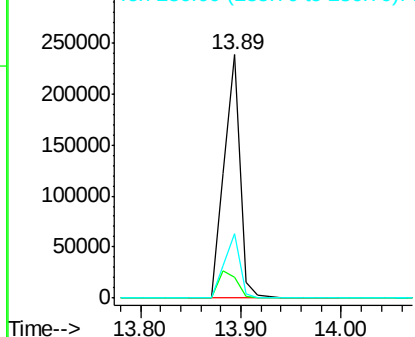


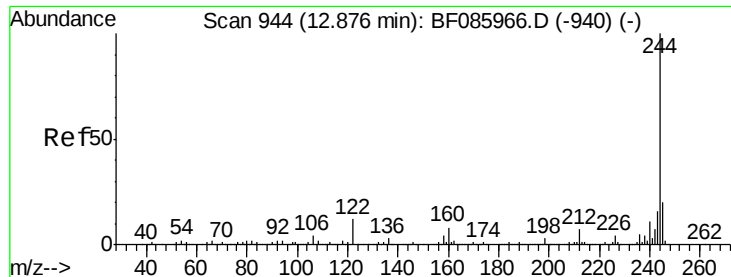
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086154.D
Acq: 8 Apr 2016 2:45

Tgt Ion:240 Resp: 263115
Ion Ratio Lower Upper
240 100
120 8.5 13.8 20.8#
236 26.5 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

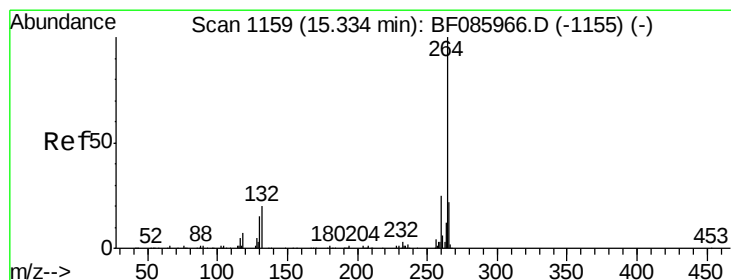
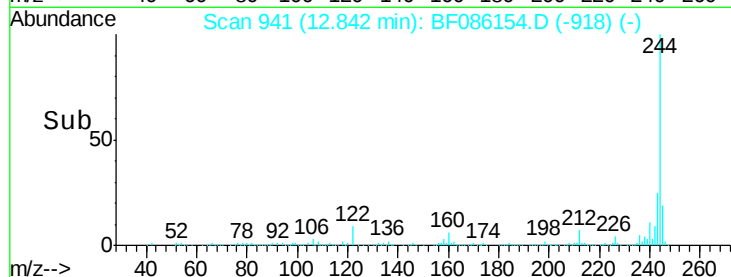
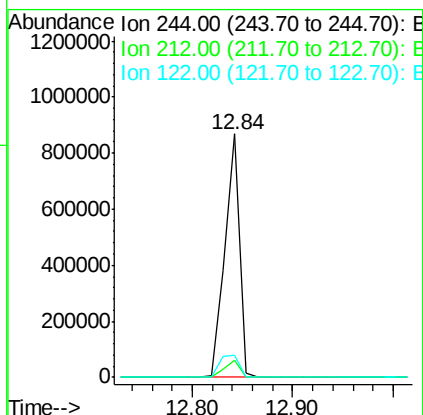
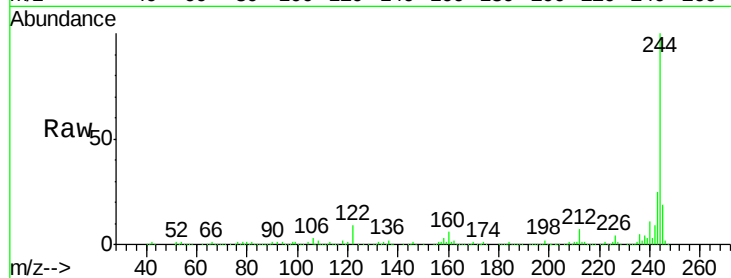




#78
 Terphenyl-d14
 Concen: 78.07 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF086154.D
 Acq: 8 Apr 2016 2:45

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-39(0.5-25.0)

Tgt Ion:244 Resp: 873826
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 9.3 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF086154.D
 Acq: 8 Apr 2016 2:45

Tgt Ion:264 Resp: 205620
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.4 17.2 25.8

