

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086069.D
 Acq On : 5 Apr 2016 7:25
 Operator : UM/SJ
 Sample : H2183-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-11(0.5-20.0)

Quant Time: Apr 05 08:23:02 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

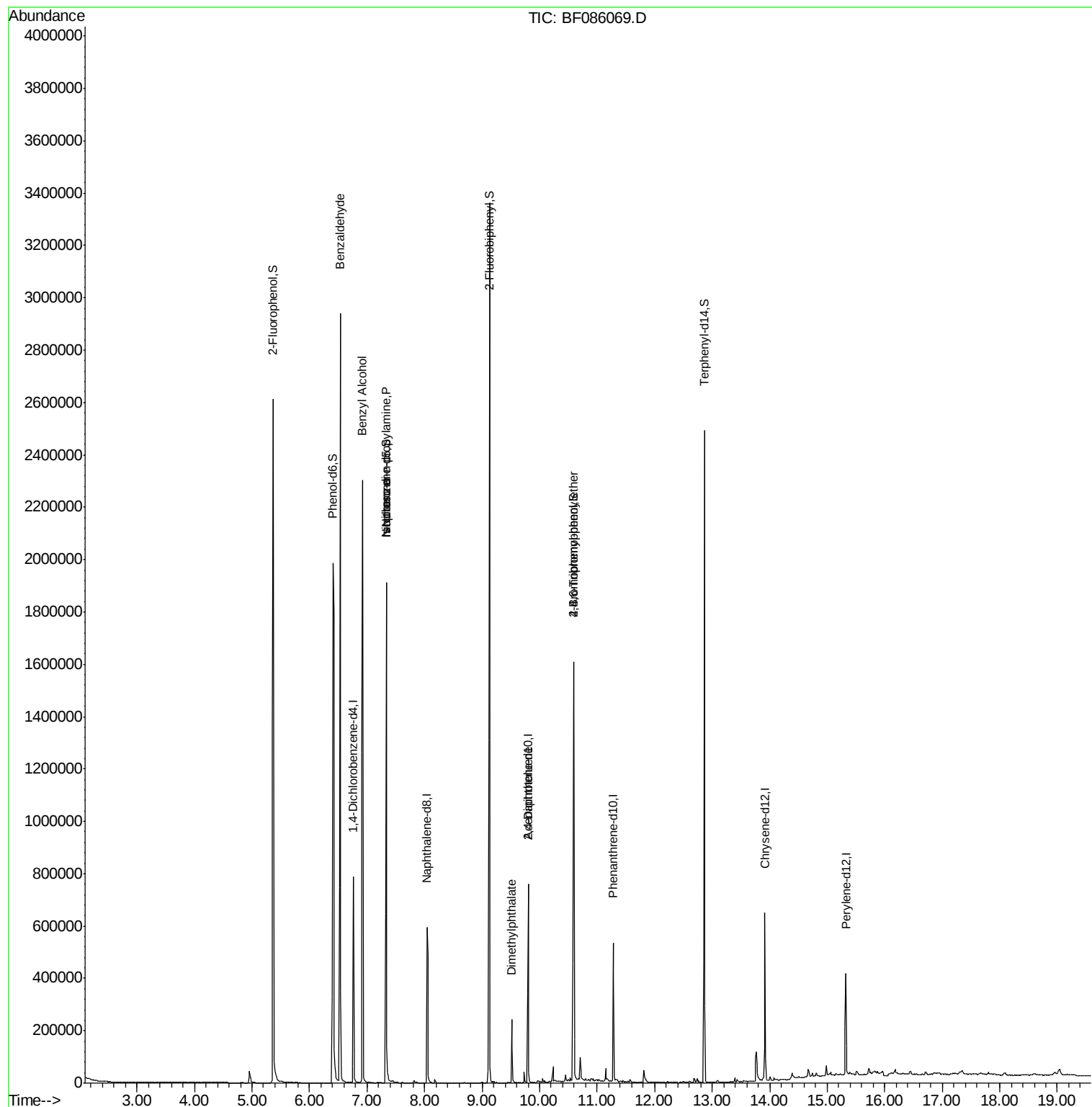
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	115152	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	392170	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	167031	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	257009	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	211588	20.00	ng	-0.01
86) Perylene-d12	15.32	264	165963	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	935533	138.87	ng	0.00
7) Phenol-d6	6.41	99	1181458	138.07	ng	-0.01
23) Nitrobenzene-d5	7.33	82	687530	103.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	193746	123.58	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1111747	110.67	ng	-0.01
78) Terphenyl-d14	12.86	244	723187	80.34	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.53	77	18917	4.11	ng	Qvalue 85
15) Benzyl Alcohol	6.92	79	12312	2.22	ng	# 42
19) n-Nitroso-di-n-propylamine	7.33	70	92763	17.49	ng	# 77
25) Isophorone	7.33	82	682469	51.99	ng	# 68
49) Dimethylphthalate	9.52	163	117528	9.49	ng	99
56) 2,4-Dinitrotoluene	9.80	165	20606	6.23	ng	# 38
66) 4-Bromophenyl-phenylether	10.59	248	13742	5.24	ng	# 1

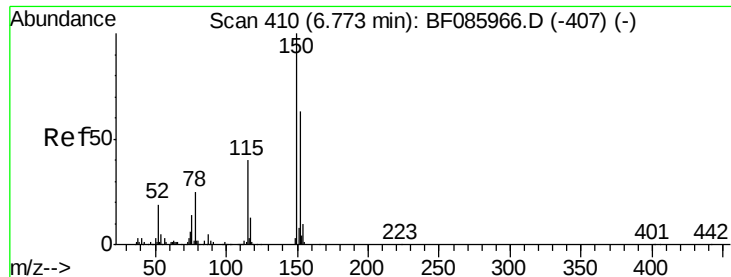
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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AMBOY-SB-11(0.5-20.0)

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086069.D

Acq: 5 Apr 2016 7:25

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-11(0.5-20.0)

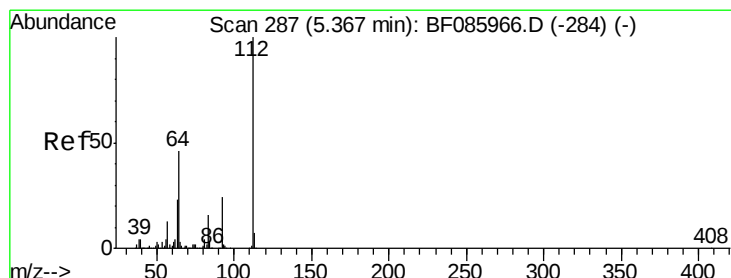
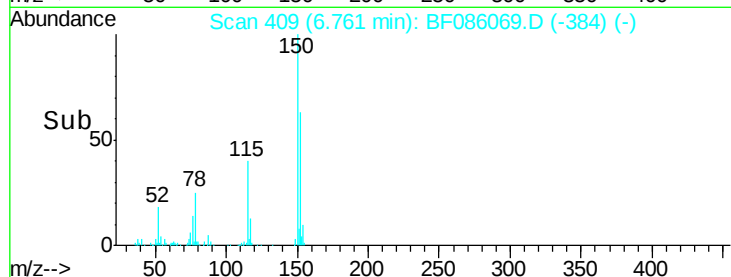
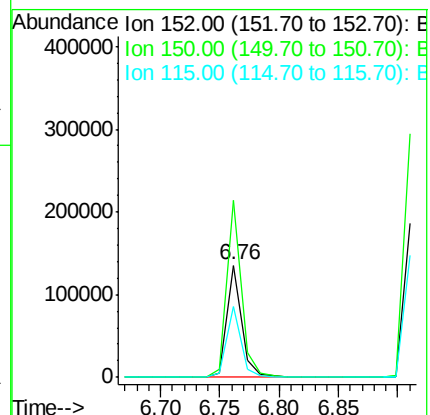
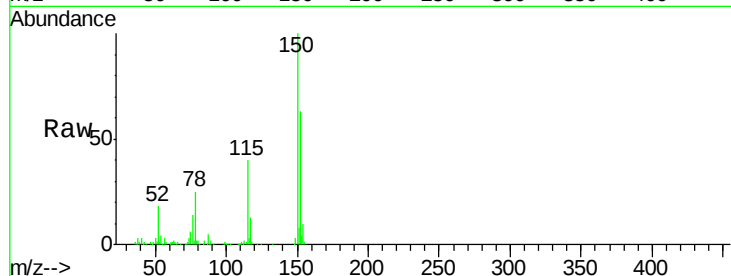
Tgt Ion:152 Resp: 115152

Ion Ratio Lower Upper

152 100

150 157.8 124.2 186.2

115 63.0 47.0 70.6



#5

2-Fluorophenol

Concen: 138.87 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086069.D

Acq: 5 Apr 2016 7:25

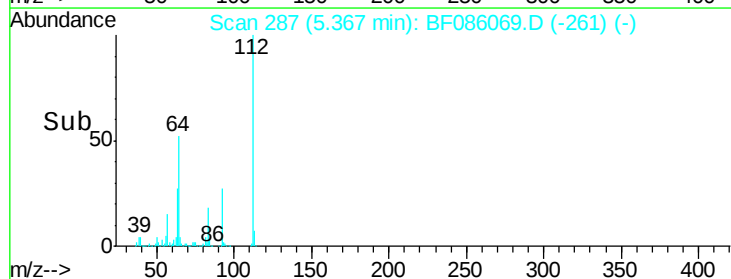
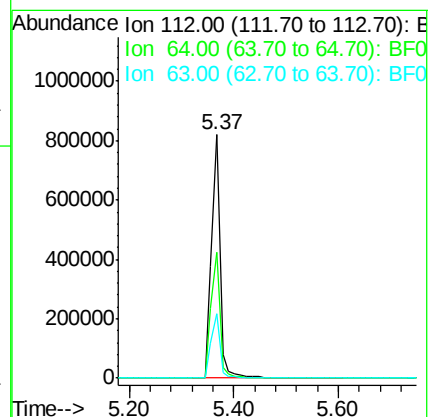
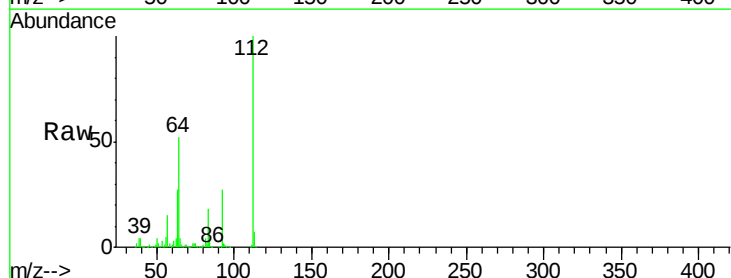
Tgt Ion:112 Resp: 935533

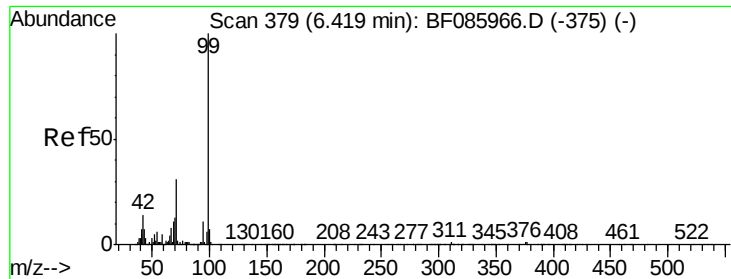
Ion Ratio Lower Upper

112 100

64 51.7 39.9 59.9

63 26.6 20.2 30.2





#7

Phenol-d6

Concen: 138.07 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086069.D

Acq: 5 Apr 2016 7:25

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-11(0.5-20.0)

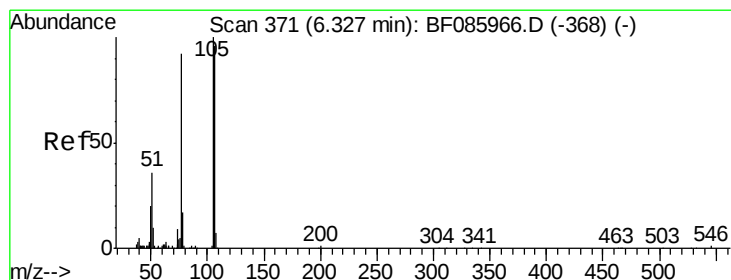
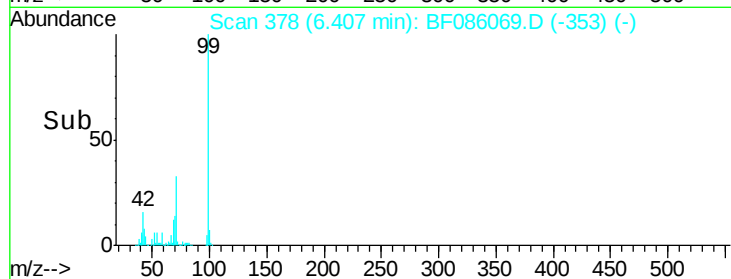
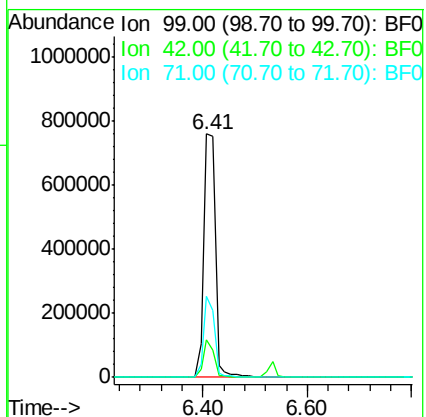
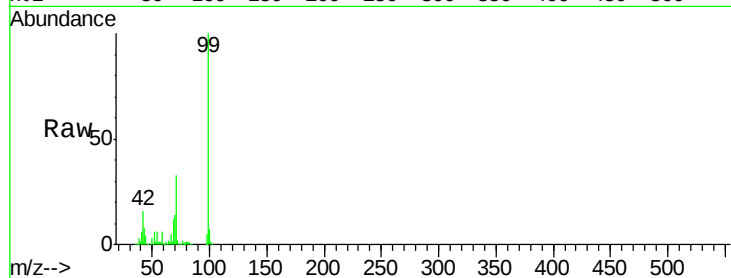
Tgt Ion: 99 Resp: 1181458

Ion Ratio Lower Upper

99 100

42 15.6 11.1 16.7

71 33.1 24.9 37.3



#9

Benzaldehyde

Concen: 4.11 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF086069.D

Acq: 5 Apr 2016 7:25

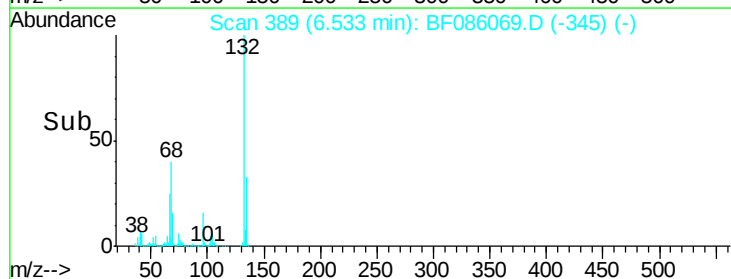
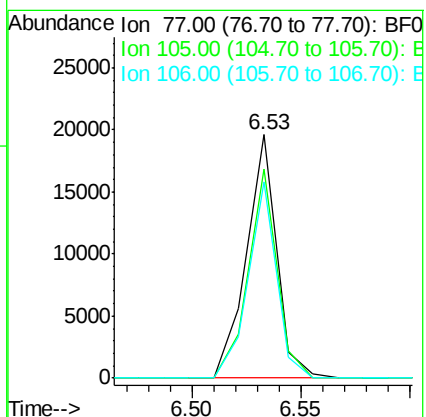
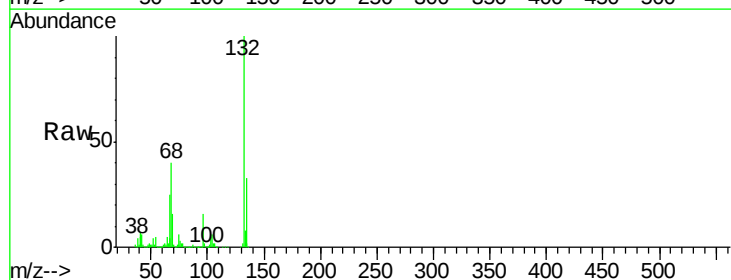
Tgt Ion: 77 Resp: 18917

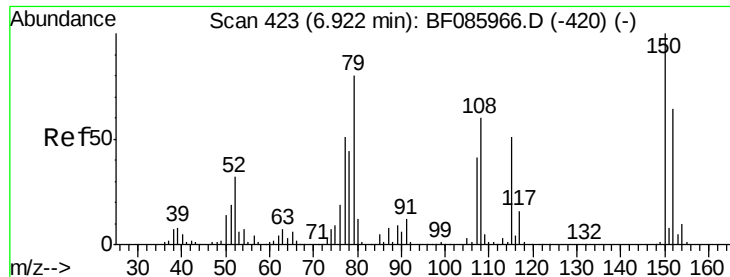
Ion Ratio Lower Upper

77 100

105 86.0 80.1 120.1

106 80.4 75.0 115.0

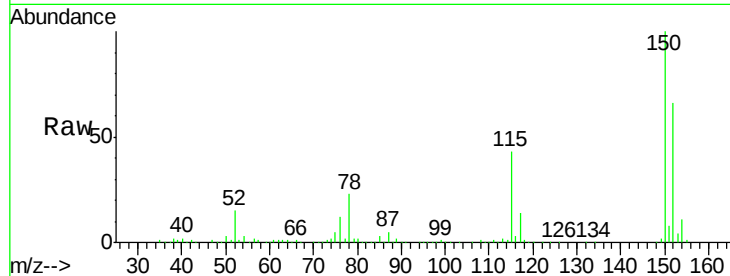




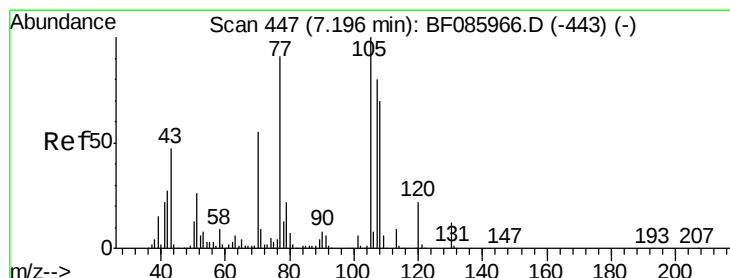
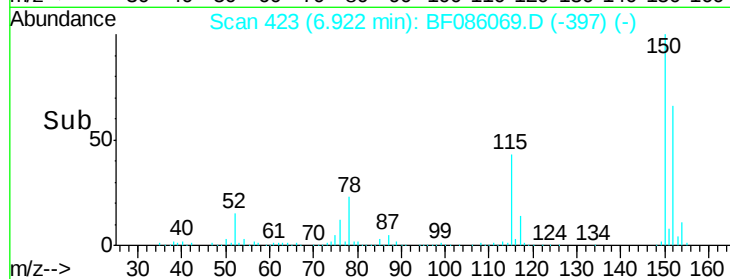
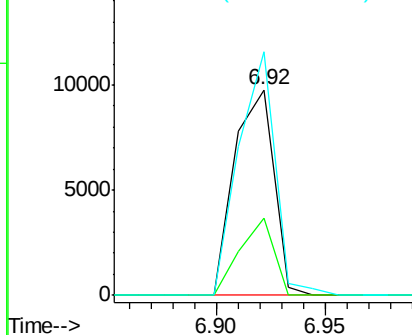
#15
Benzyl Alcohol
Concen: 2.22 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086069.D
Acq: 5 Apr 2016 7:25

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-11(0.5-20.0)

Tgt Ion: 79 Resp: 12312
Ion Ratio Lower Upper
79 100
108 37.7 61.8 92.6#
77 118.6 49.6 74.4#

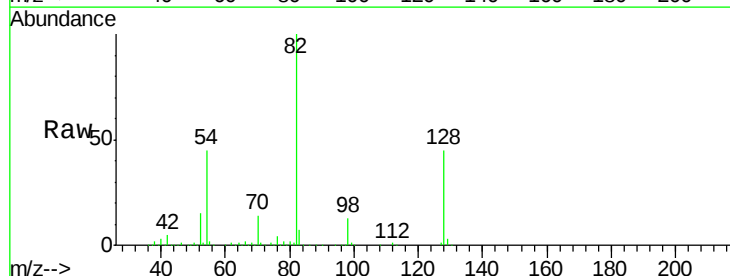


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

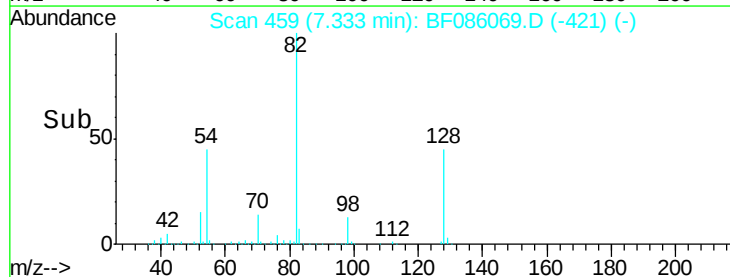
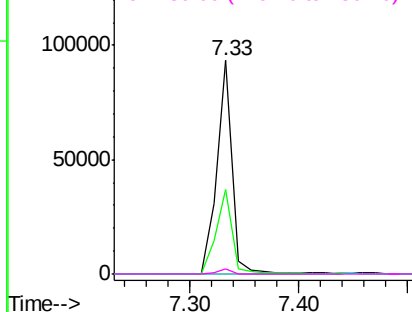


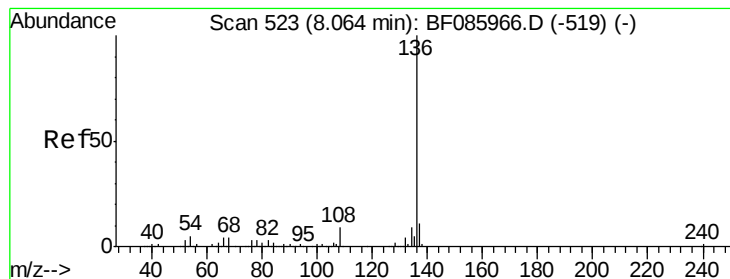
#19
n-Nitroso-di-n-propylamine
Concen: 17.49 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086069.D
Acq: 5 Apr 2016 7:25

Tgt Ion: 70 Resp: 92763
Ion Ratio Lower Upper
70 100
42 39.8 37.1 55.7
101 0.0 8.6 12.8#
130 2.4 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: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF086069.D

Acq: 5 Apr 2016 7:25

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-11(0.5-20.0)

Tgt Ion:136 Resp: 392170

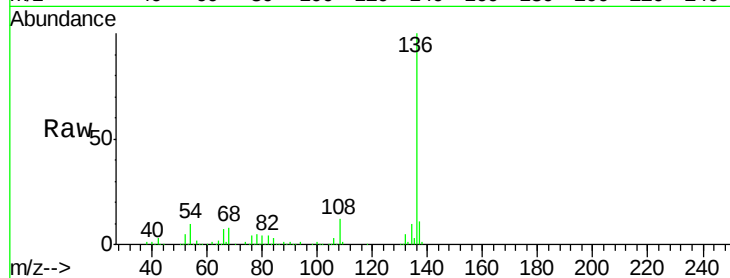
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.0 7.4 11.0

68 7.8 5.8 8.8

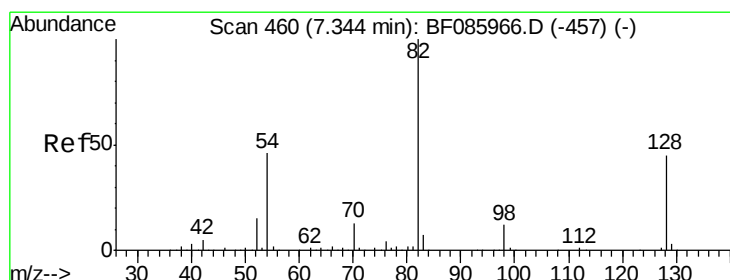
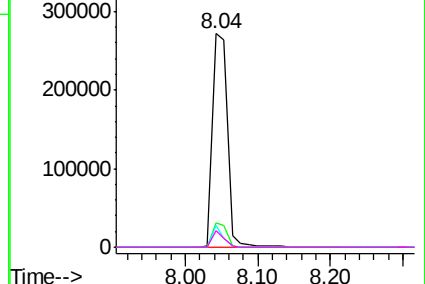
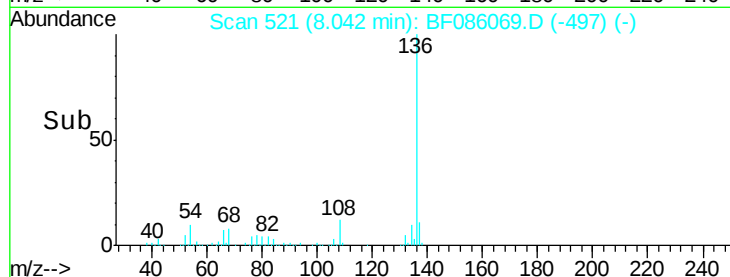


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 103.39 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF086069.D

Acq: 5 Apr 2016 7:25

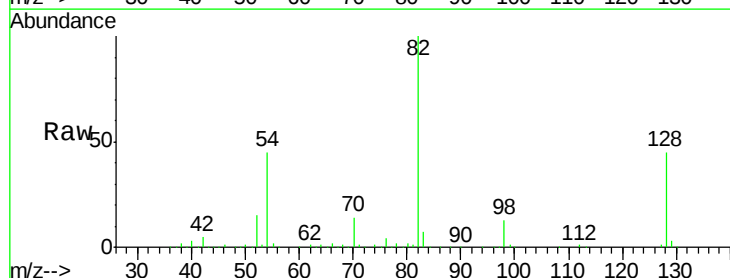
Tgt Ion: 82 Resp: 687530

Ion Ratio Lower Upper

82 100

128 45.4 41.8 62.8

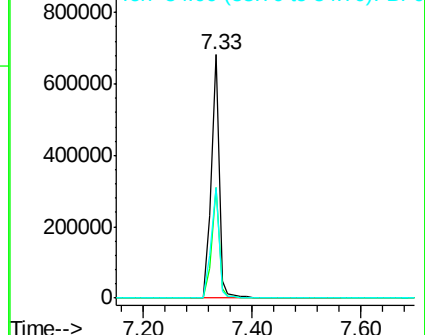
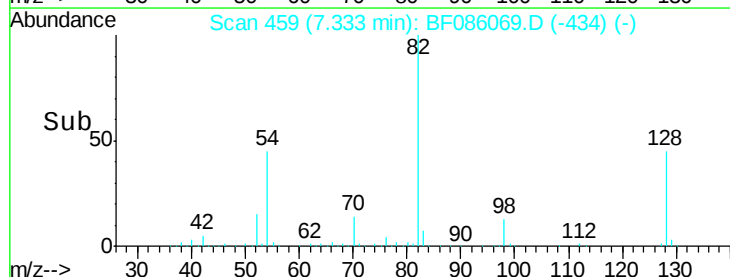
54 45.2 33.4 50.0

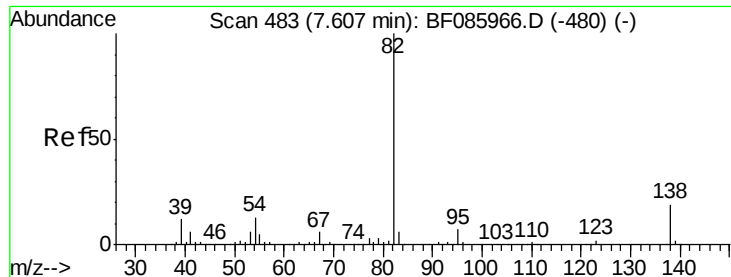


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 51.99 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF086069.D

Acq: 5 Apr 2016 7:25

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-11(0.5-20.0)

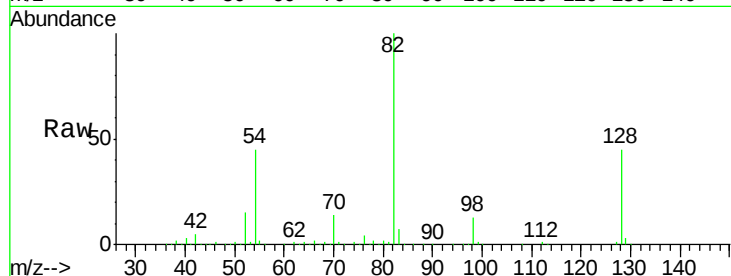
Tgt Ion: 82 Resp: 682469

Ion Ratio Lower Upper

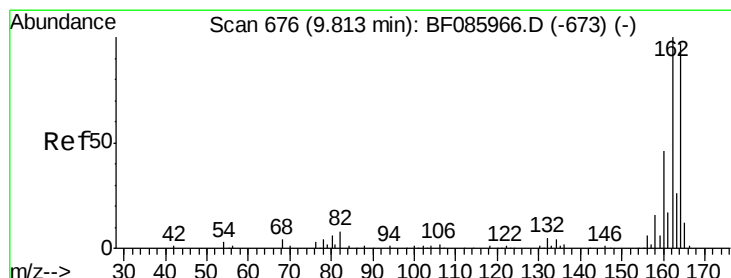
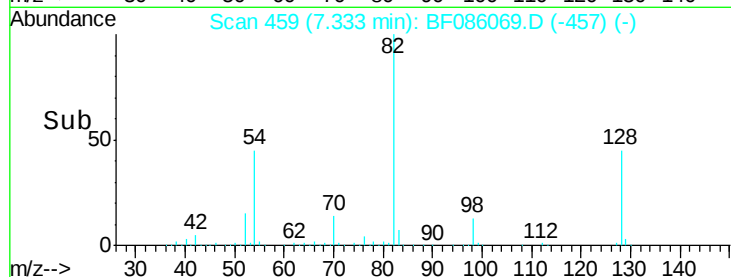
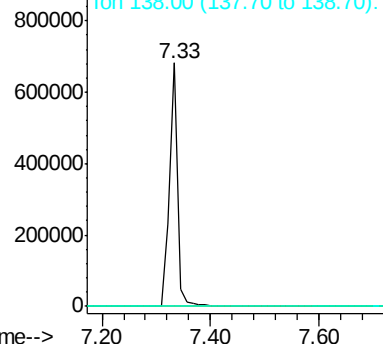
82 100

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: BF086069.D

Acq: 5 Apr 2016 7:25

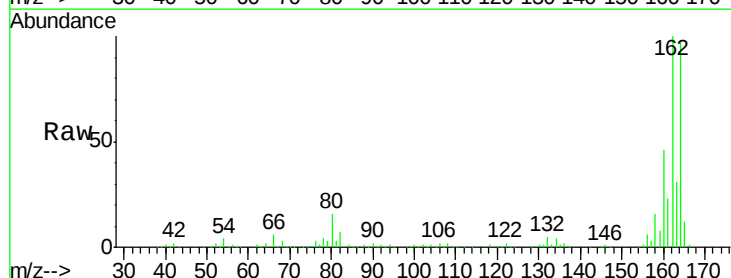
Tgt Ion: 164 Resp: 167031

Ion Ratio Lower Upper

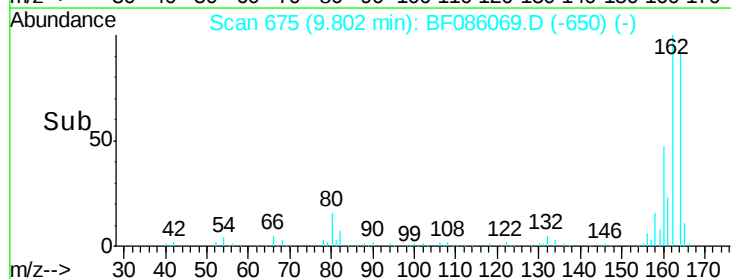
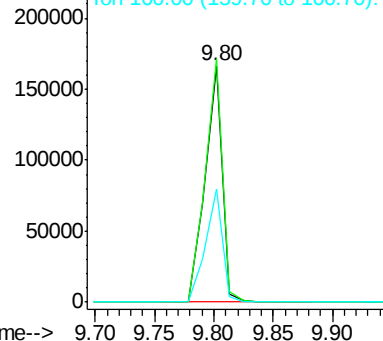
164 100

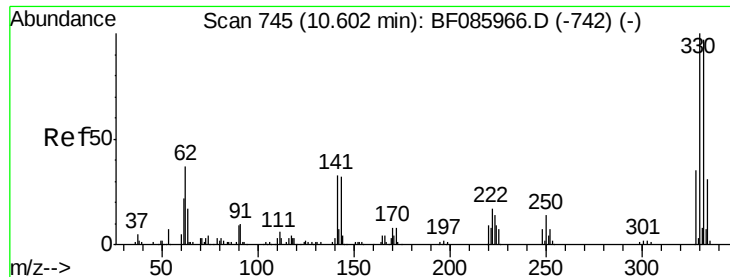
162 103.1 82.1 123.1

160 47.9 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

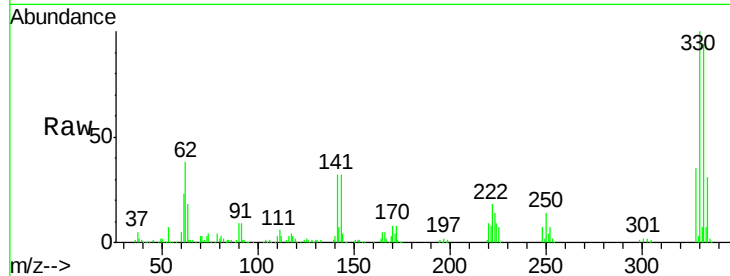




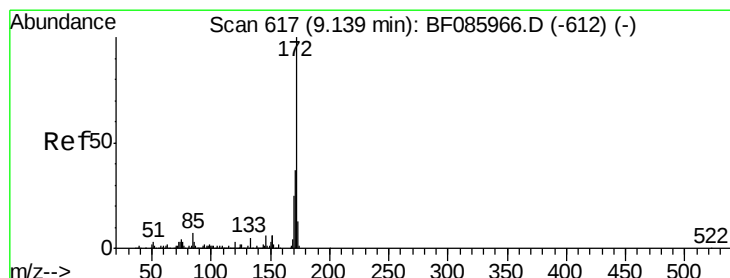
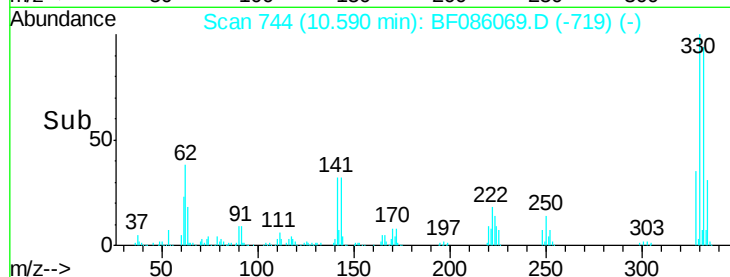
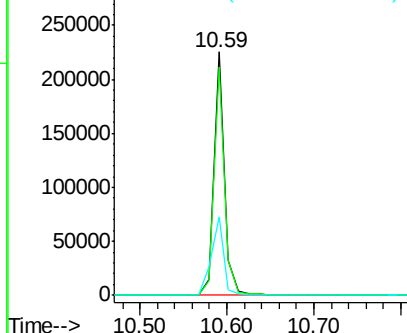
#41
 2,4,6-Tribromophenol
 Concen: 123.58 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086069.D
 Acq: 5 Apr 2016 7:25

Instrument :
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 ClientSampleId :
 AMBOY-SB-11(0.5-20.0)

Tgt Ion:330 Resp: 193746
 Ion Ratio Lower Upper
 330 100
 332 94.5 78.2 117.2
 141 38.3 31.5 47.3

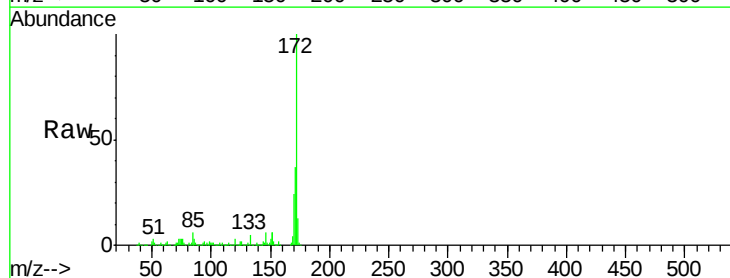


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

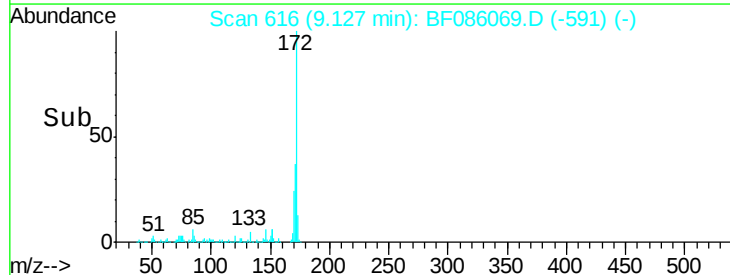
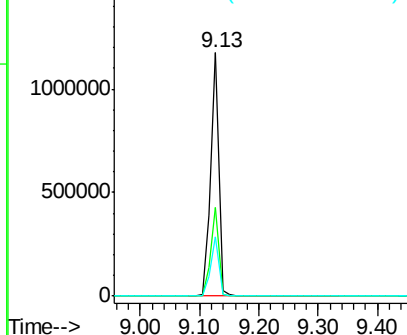


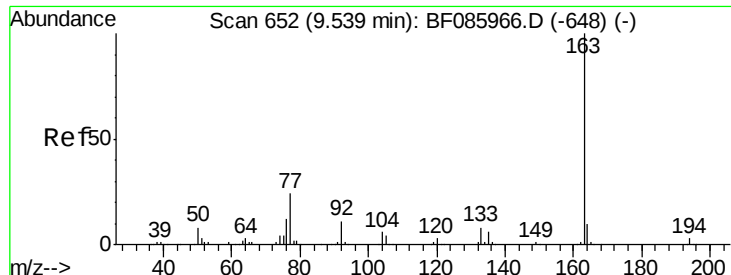
#44
 2-Fluorobiphenyl
 Concen: 110.67 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086069.D
 Acq: 5 Apr 2016 7:25

Tgt Ion:172 Resp: 1111747
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.5 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

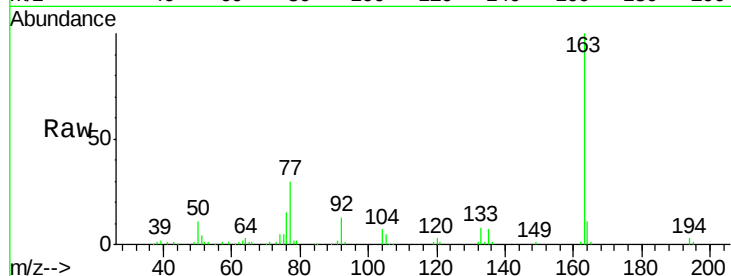




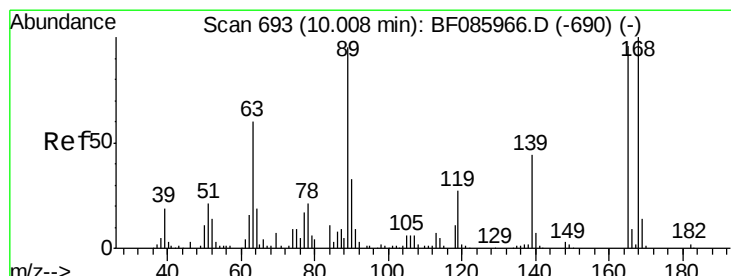
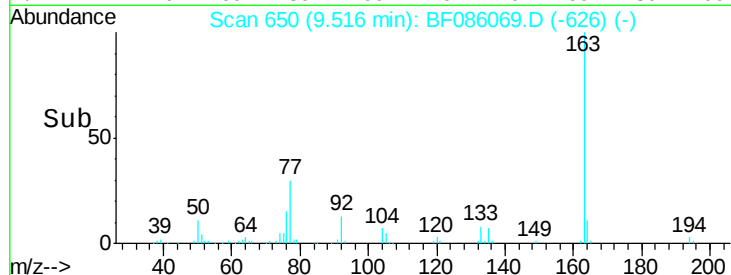
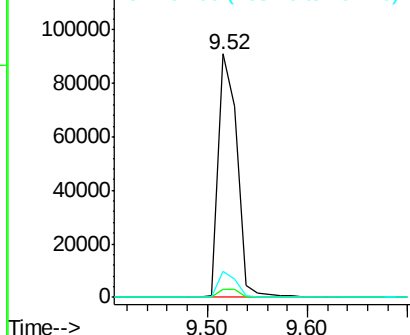
#49
Dimethylphthalate
Concen: 9.49 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF086069.D
Acq: 5 Apr 2016 7:25

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-11(0.5-20.0)

Tgt Ion:163 Resp: 117528
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.9 8.3 12.5

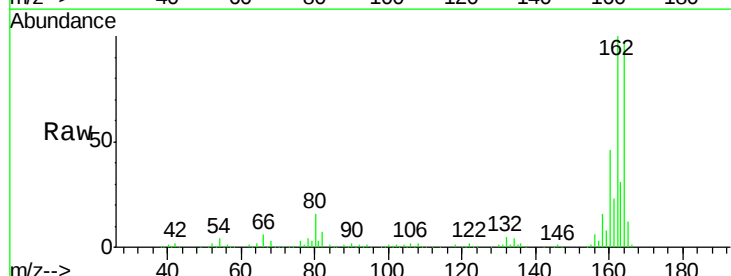


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

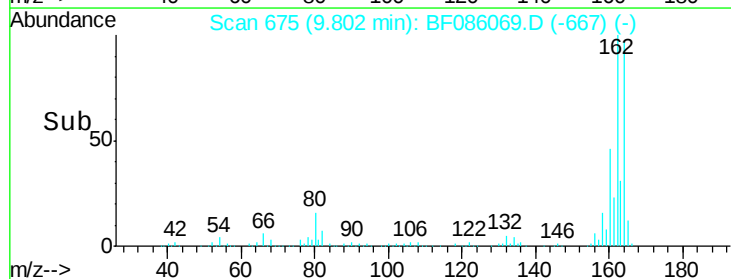
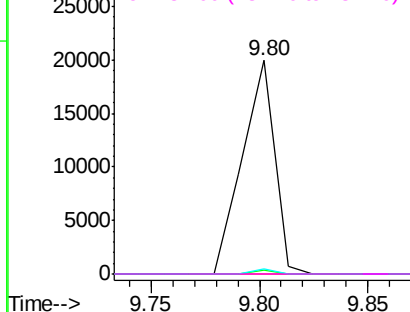


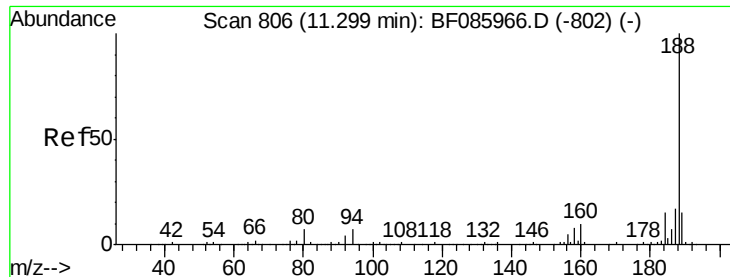
#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF086069.D
Acq: 5 Apr 2016 7:25

Tgt Ion:165 Resp: 20606
Ion Ratio Lower Upper
165 100
63 1.9 24.9 37.3#
89 2.3 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

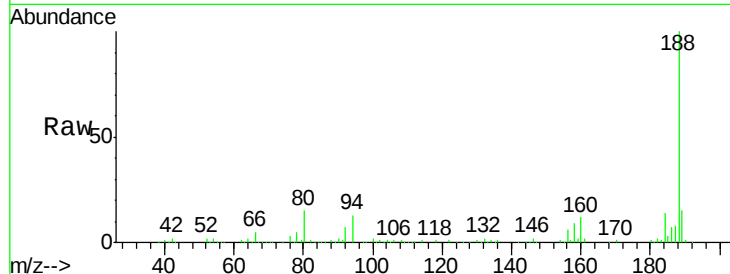




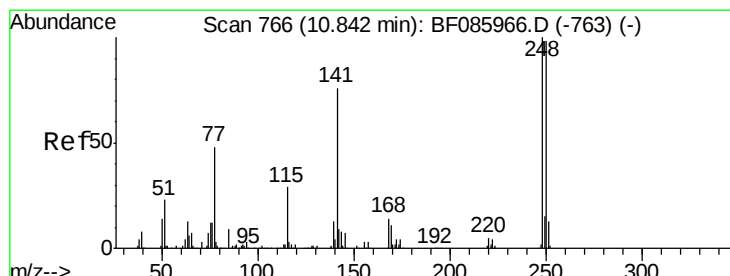
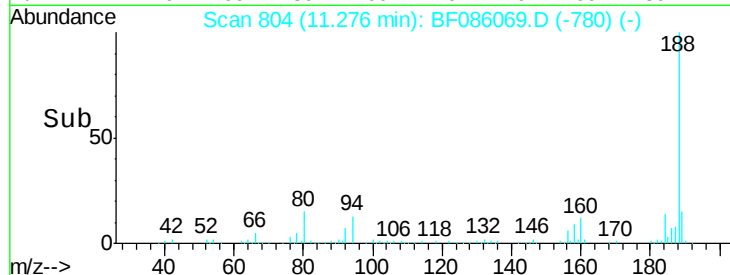
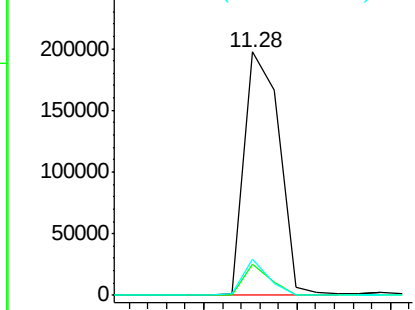
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086069.D
Acq: 5 Apr 2016 7:25

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-11(0.5-20.0)

Tgt Ion:188 Resp: 257009
Ion Ratio Lower Upper
188 100
94 13.0 5.4 8.0#
80 14.9 5.5 8.3#

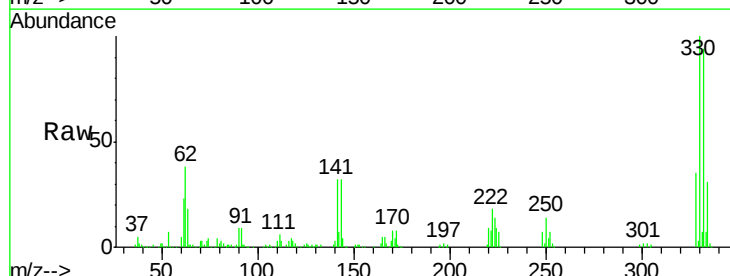


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

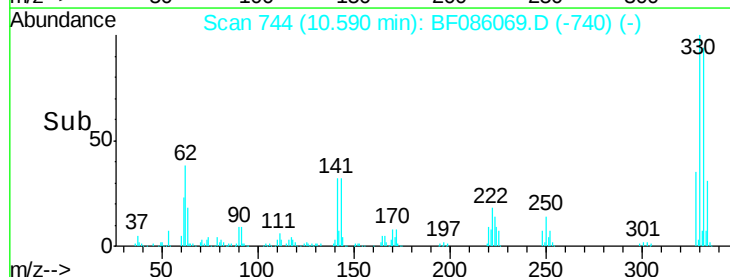
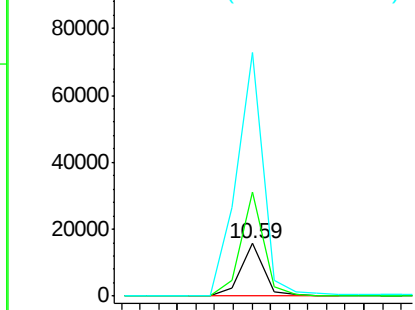


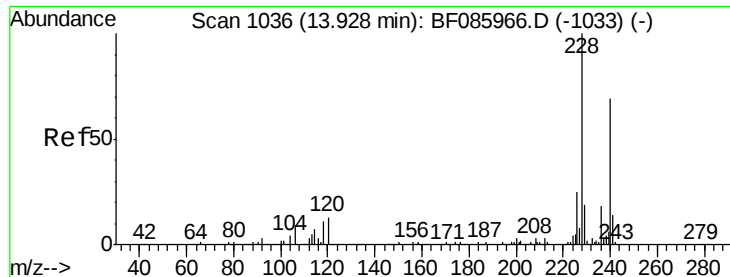
#66
4-Bromophenyl-phenylether
Concen: 5.24 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF086069.D
Acq: 5 Apr 2016 7:25

Tgt Ion:248 Resp: 13742
Ion Ratio Lower Upper
248 100
250 197.8 77.4 116.0#
141 460.8 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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086069.D

Acq: 5 Apr 2016 7:25

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-11(0.5-20.0)

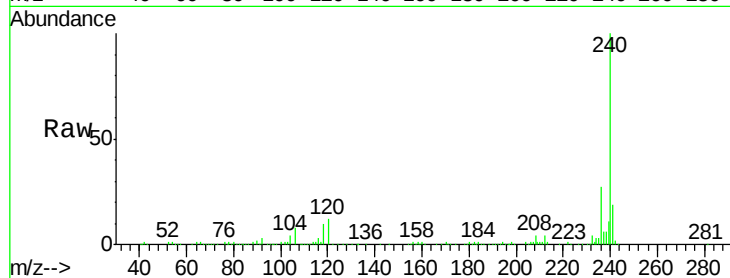
Tgt Ion:240 Resp: 211588

Ion Ratio Lower Upper

240 100

120 11.9 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

300000

250000

200000

150000

100000

50000

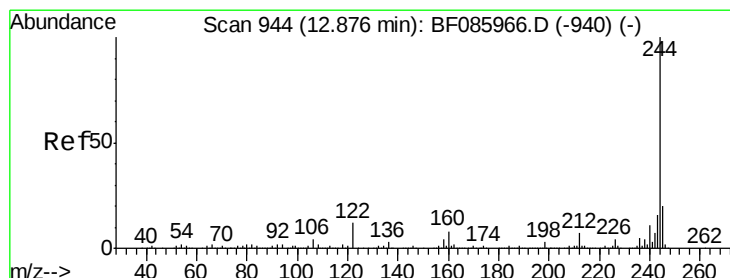
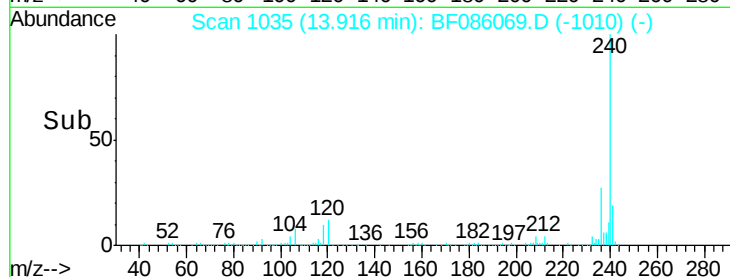
0

13.92

13.90

14.00

Time-->



#78

Terphenyl-d14

Concen: 80.34 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086069.D

Acq: 5 Apr 2016 7:25

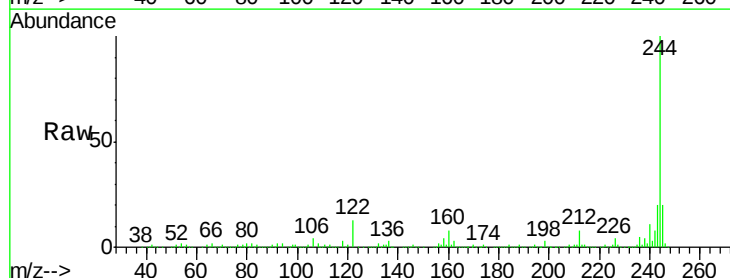
Tgt Ion:244 Resp: 723187

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 13.2 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

1000000

800000

600000

400000

200000

0

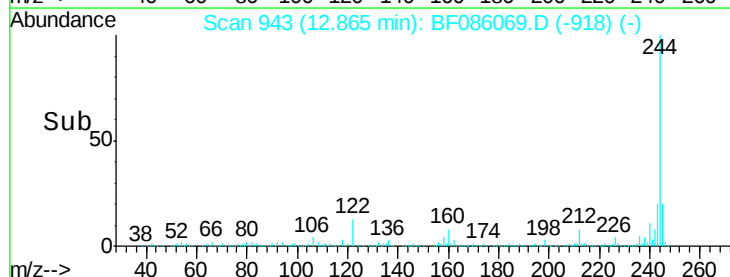
12.86

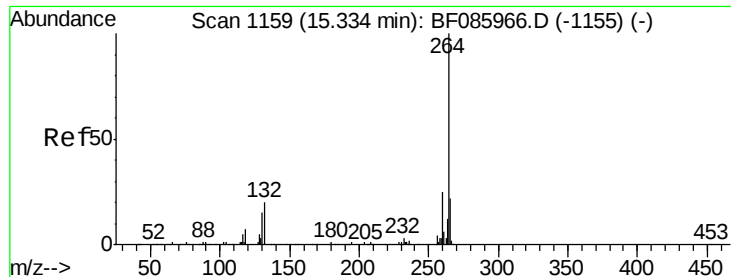
12.80

12.90

13.00

Time-->

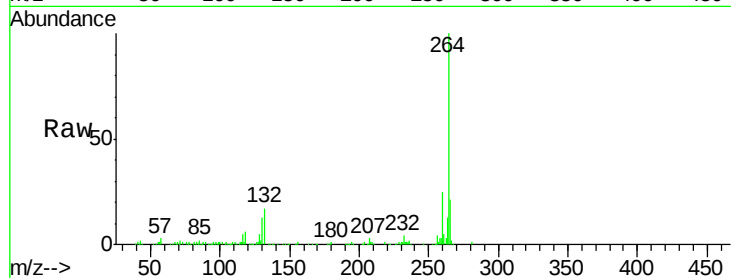




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF086069.D
Acq: 5 Apr 2016 7:25

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-11(0.5-20.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.1	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

