

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086066.D
 Acq On : 5 Apr 2016 6:02
 Operator : UM/SJ
 Sample : H2111-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-09COMP(0.5-20.0)

Quant Time: Apr 05 06:35:18 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

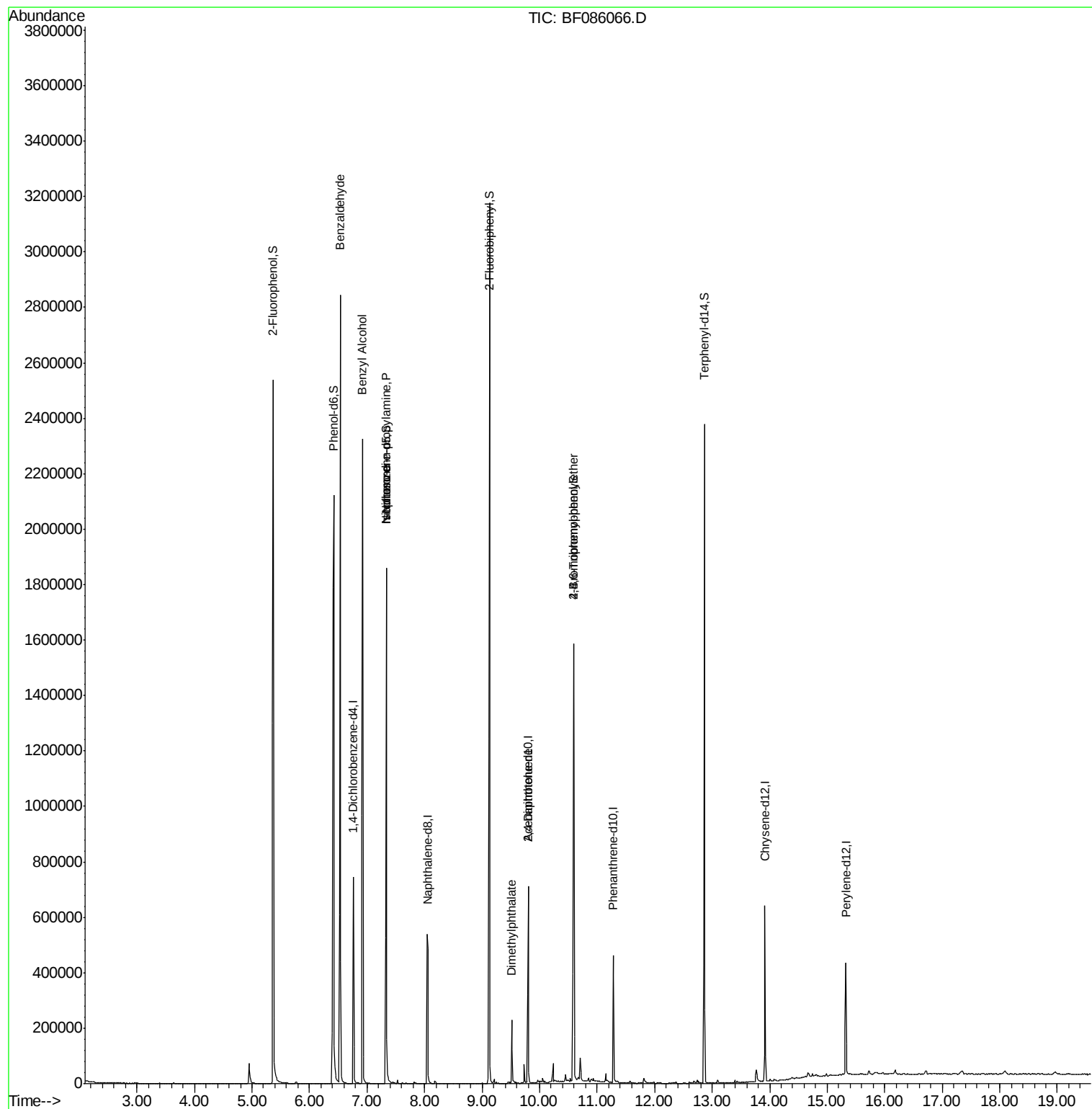
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	110918	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	373811	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	156882	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	242754	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	203871	20.00	ng	-0.01
86) Perylene-d12	15.32	264	170050	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	904117	139.33	ng	0.00
7) Phenol-d6	6.42	99	1171479	142.13	ng	0.00
23) Nitrobenzene-d5	7.33	82	646152	101.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	181304	123.13	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1053928	111.70	ng	-0.01
78) Terphenyl-d14	12.86	244	691960	79.78	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.53	77	17944	4.05	ng	Qvalue 83
15) Benzyl Alcohol	6.92	79	11331	2.12	ng	# 40
19) n-Nitroso-di-n-propylamine	7.33	70	87258	17.08	ng	# 77
25) Isophorone	7.33	82	518321	41.42	ng	# 68
49) Dimethylphthalate	9.52	163	107288	9.23	ng	# 99
56) 2,4-Dinitrotoluene	9.80	165	19306	6.21	ng	# 36
66) 4-Bromophenyl-phenylether	10.59	248	13121	5.29	ng	# 1

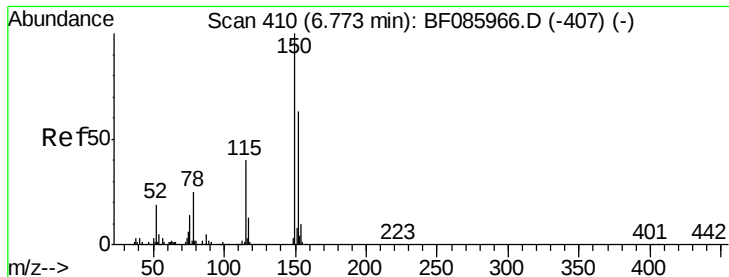
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086066.D

Acq: 5 Apr 2016 6:02

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-09COMP(0.5-20.0)

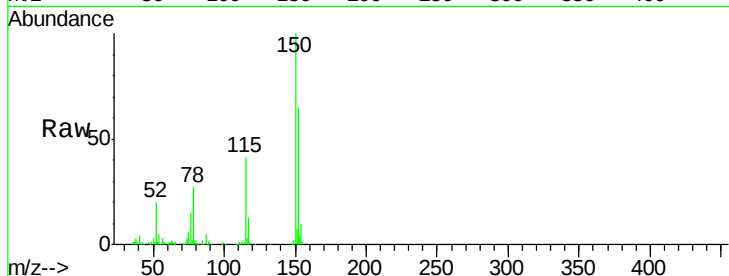
Tgt Ion:152 Resp: 110918

Ion Ratio Lower Upper

152 100

150 154.2 124.2 186.2

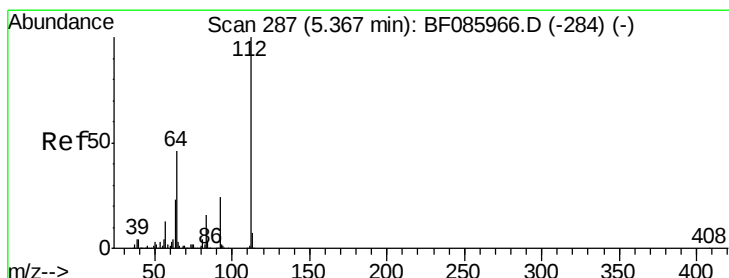
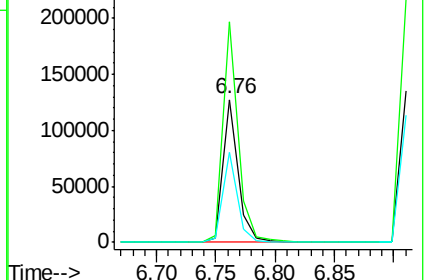
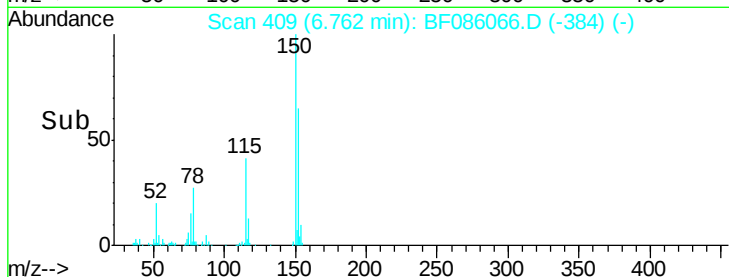
115 62.6 47.0 70.6



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: 139.33 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086066.D

Acq: 5 Apr 2016 6:02

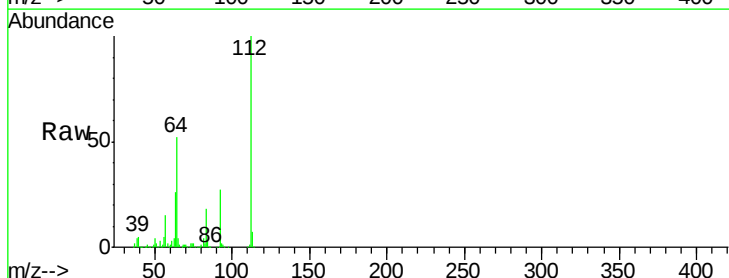
Tgt Ion:112 Resp: 904117

Ion Ratio Lower Upper

112 100

64 52.5 39.9 59.9

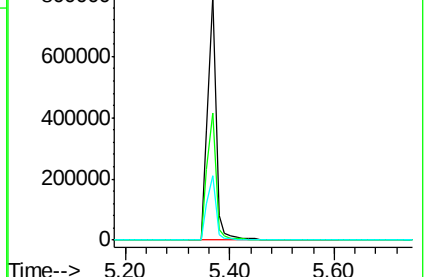
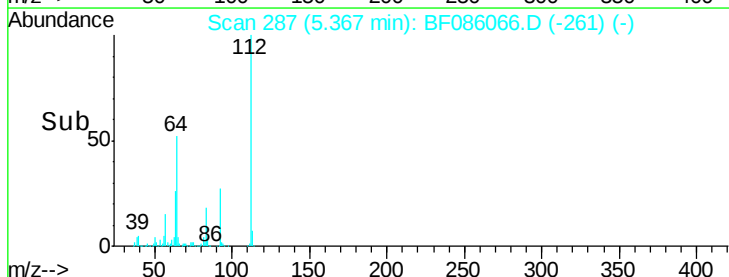
63 26.4 20.2 30.2



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: 142.13 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086066.D

Acq: 5 Apr 2016 6:02

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-09COMP(0.5-20.0)

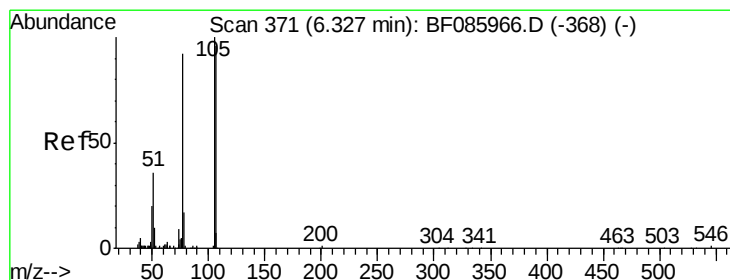
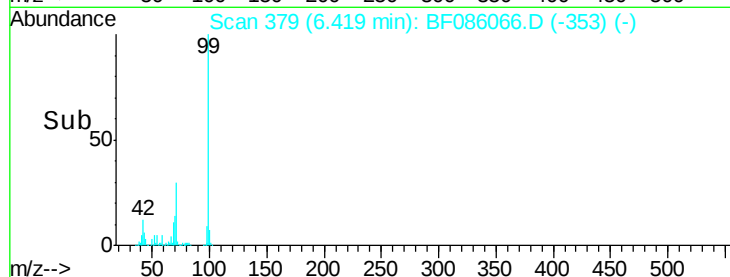
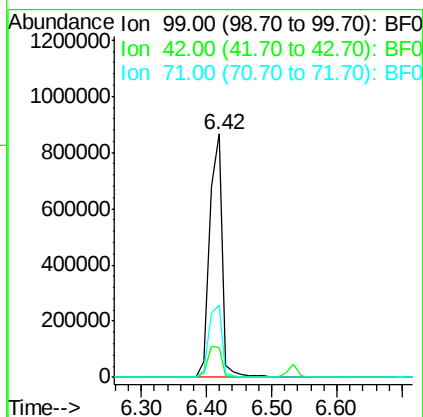
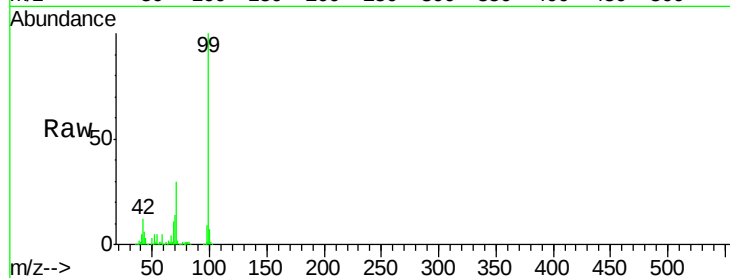
Tgt Ion: 99 Resp: 1171479

Ion Ratio Lower Upper

99 100

42 12.1 11.1 16.7

71 29.8 24.9 37.3



#9

Benzaldehyde

Concen: 4.05 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF086066.D

Acq: 5 Apr 2016 6:02

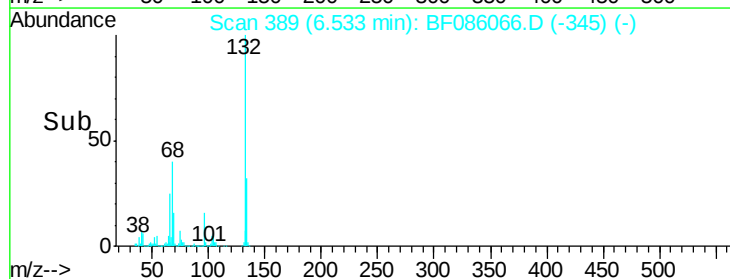
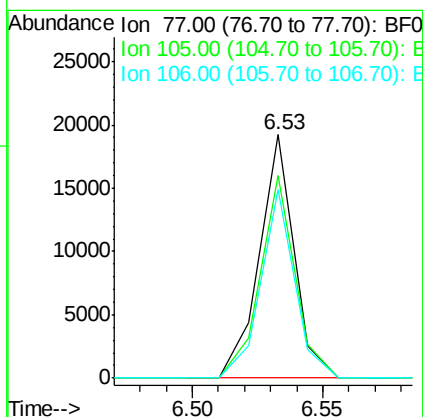
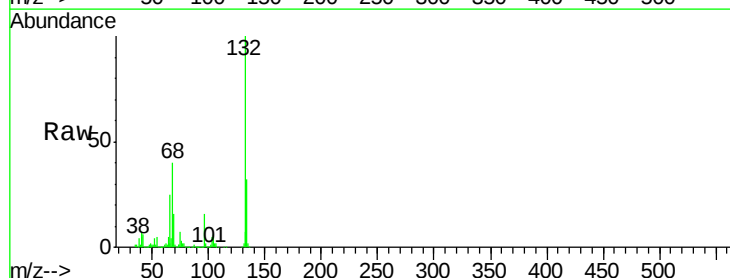
Tgt Ion: 77 Resp: 17944

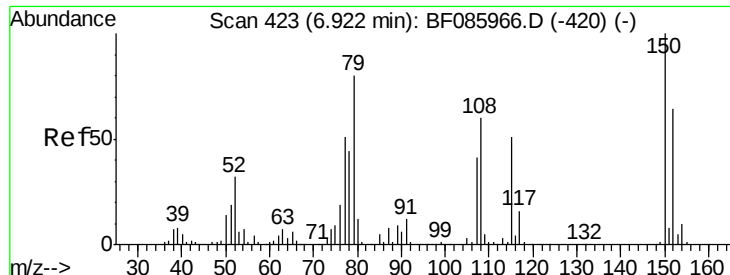
Ion Ratio Lower Upper

77 100

105 83.4 80.1 120.1

106 77.2 75.0 115.0

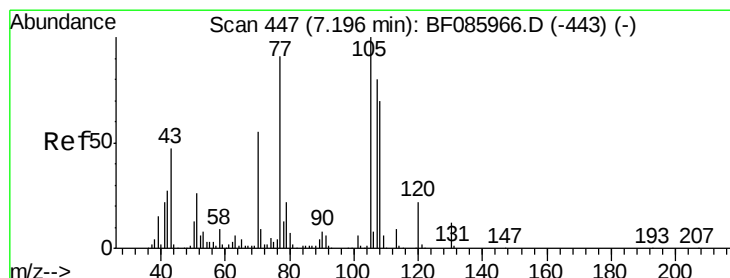
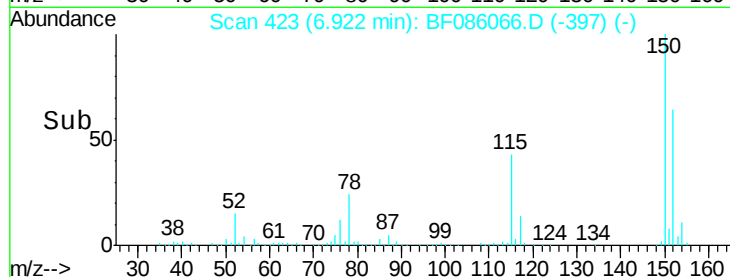
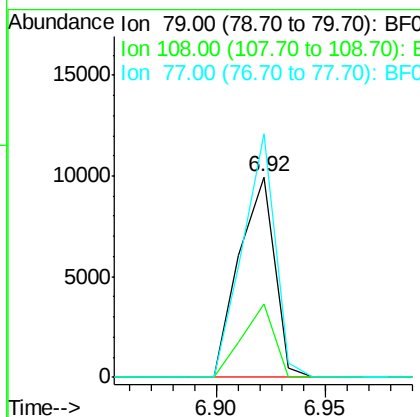
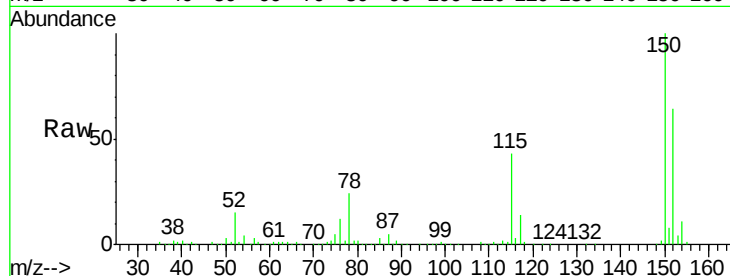




#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086066.D
Acq: 5 Apr 2016 6:02

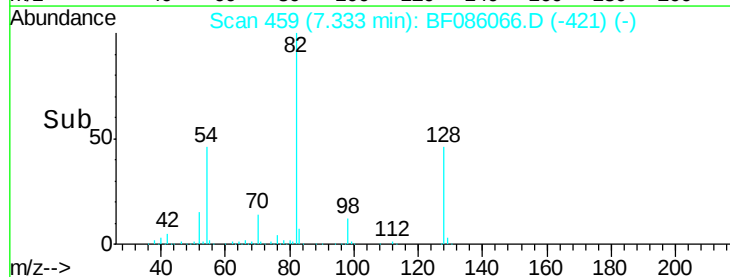
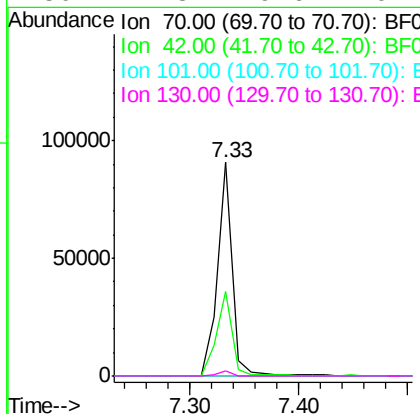
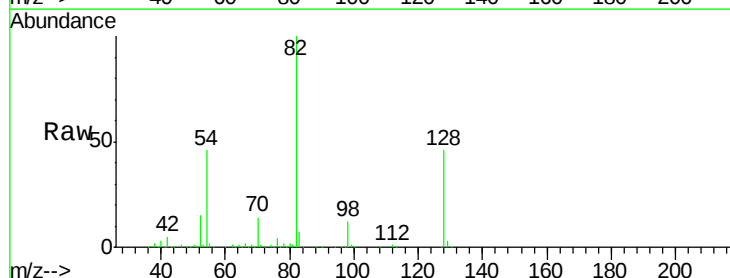
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-09COMP(0.5-20.0)

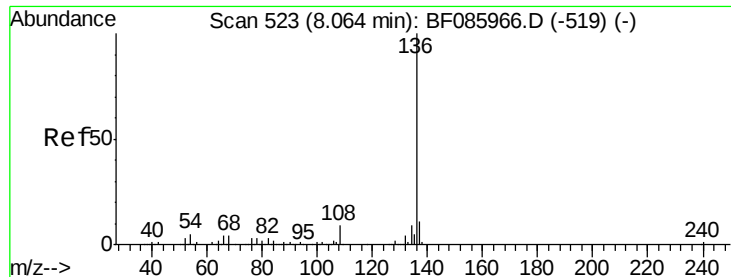
Tgt Ion: 79 Resp: 11331
Ion Ratio Lower Upper
79 100
108 36.8 61.8 92.6#
77 121.4 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.08 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086066.D
Acq: 5 Apr 2016 6:02

Tgt Ion: 70 Resp: 87258
Ion Ratio Lower Upper
70 100
42 39.8 37.1 55.7
101 0.0 8.6 12.8#
130 2.3 19.6 29.4#

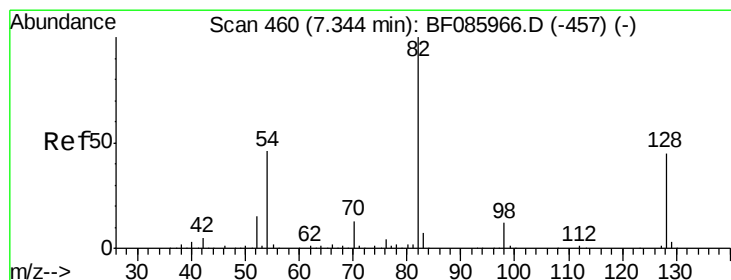
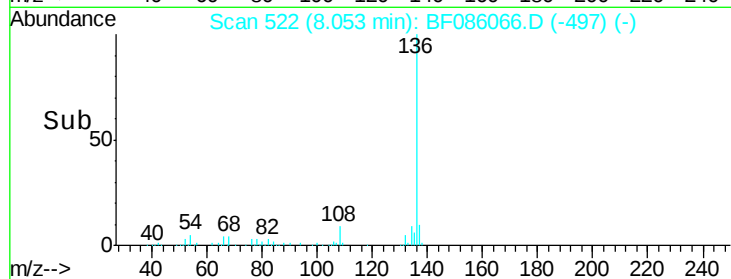
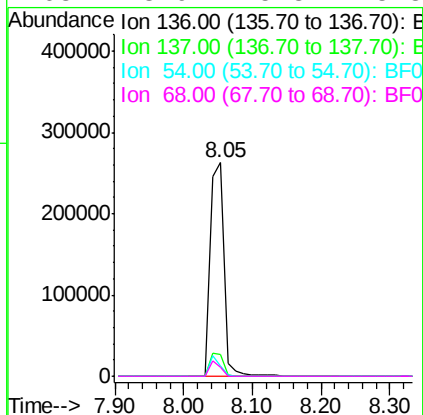
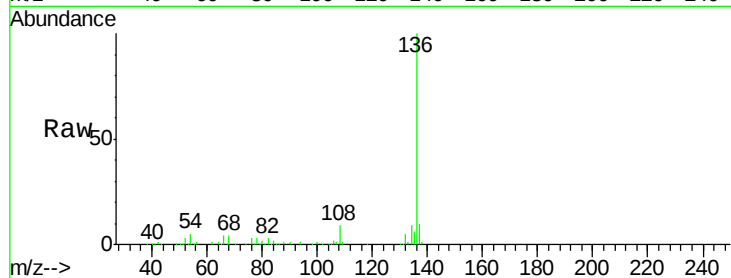




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086066.D
Acq: 5 Apr 2016 6:02

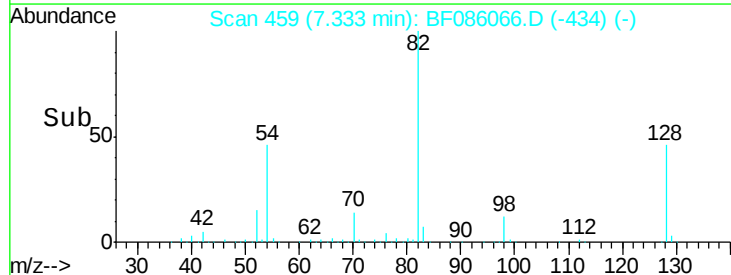
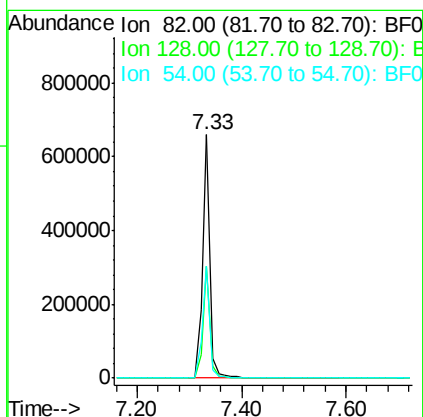
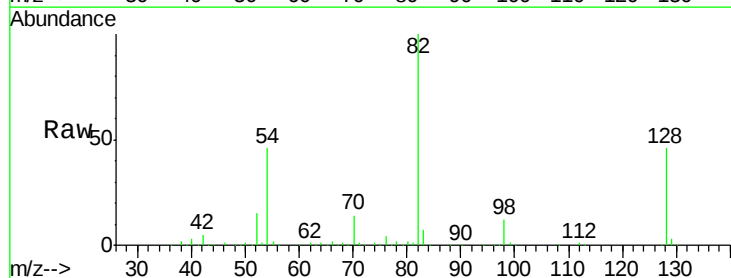
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-09COMP(0.5-20.0)

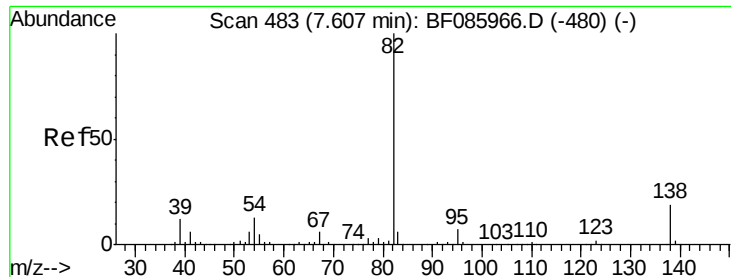
Tgt Ion:	136	Resp:	373811
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	4.6	7.4	11.0#
68	3.9	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 101.94 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086066.D
Acq: 5 Apr 2016 6:02

Tgt Ion:	82	Resp:	646152
Ion	Ratio	Lower	Upper
82	100		
128	45.8	41.8	62.8
54	45.9	33.4	50.0





#25

Isophorone

Concen: 41.42 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF086066.D

Acq: 5 Apr 2016 6:02

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-09COMP(0.5-20.0)

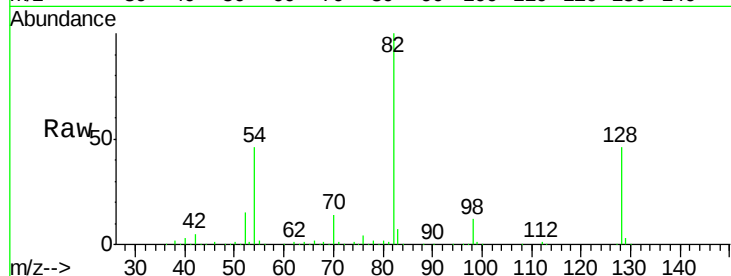
Tgt Ion: 82 Resp: 518321

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

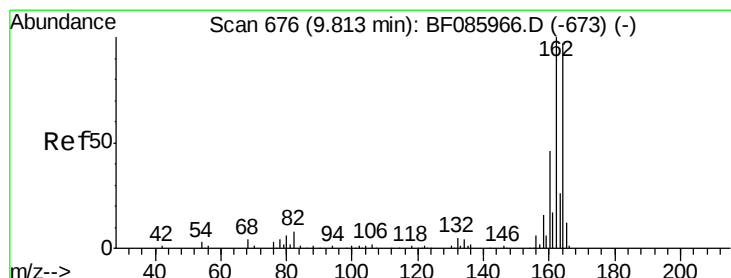
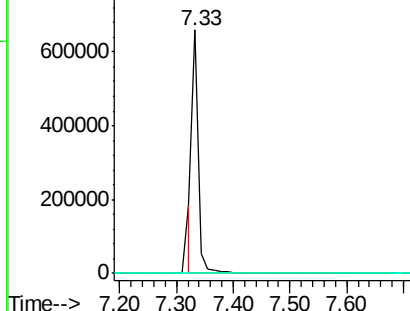
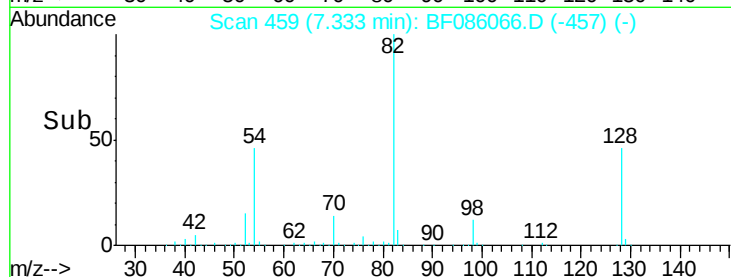
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF086066.D (-457) (-)

Ion 95.00 (94.70 to 95.70): BF086066.D (-457) (-)

Ion 138.00 (137.70 to 138.70): BF086066.D (-457) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086066.D

Acq: 5 Apr 2016 6:02

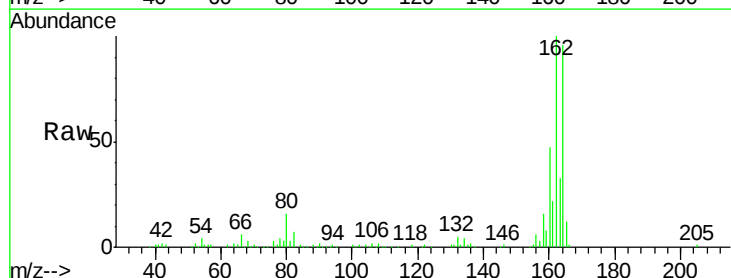
Tgt Ion: 164 Resp: 156882

Ion Ratio Lower Upper

164 100

162 103.7 82.1 123.1

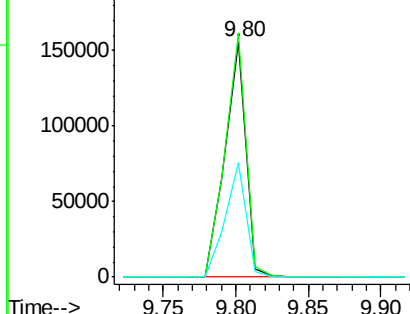
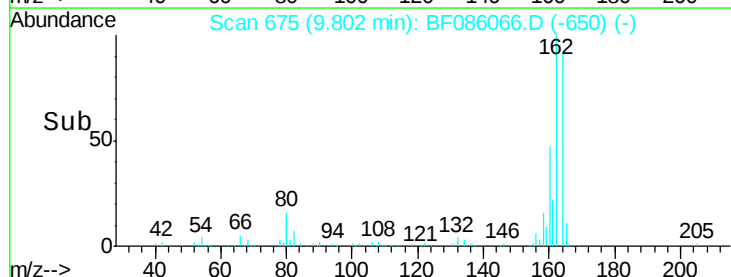
160 48.5 37.4 56.2

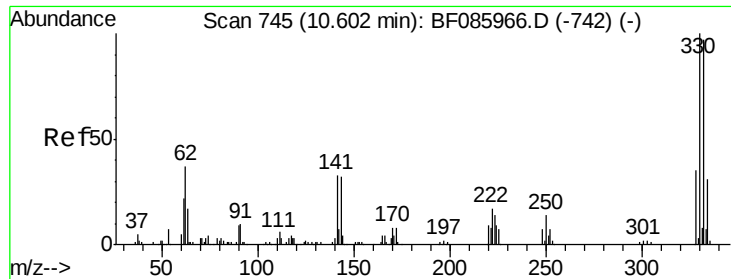


Abundance Ion 164.00 (163.70 to 164.70): BF086066.D (-650) (-)

Ion 162.00 (161.70 to 162.70): BF086066.D (-650) (-)

Ion 160.00 (159.70 to 160.70): BF086066.D (-650) (-)

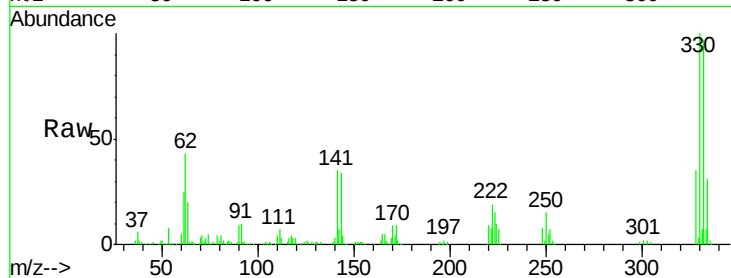




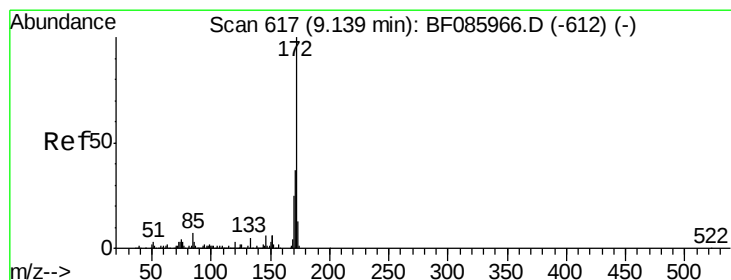
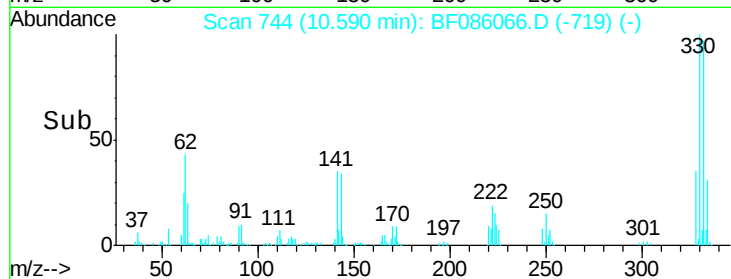
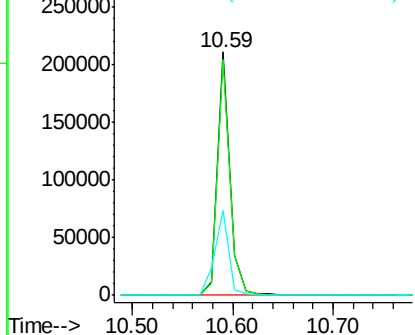
#41
 2,4,6-Tribromophenol
 Concen: 123.13 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086066.D
 Acq: 5 Apr 2016 6:02

Instrument :
 BNA_F
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 AMBOY-SB-09COMP(0.5-20.0)

Tgt Ion:330 Resp: 181304
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.2
 141 40.0 31.5 47.3

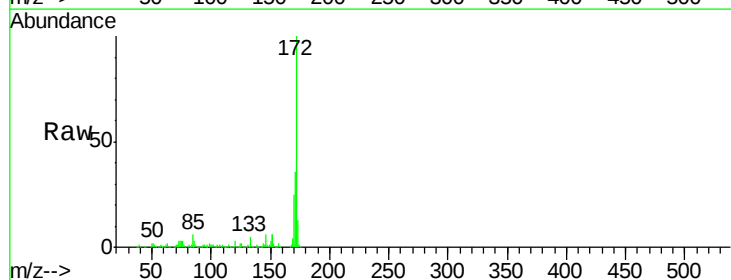


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

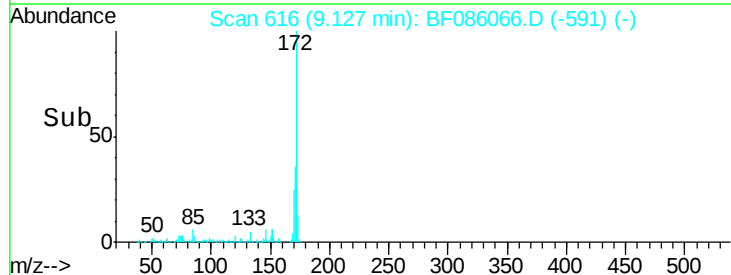
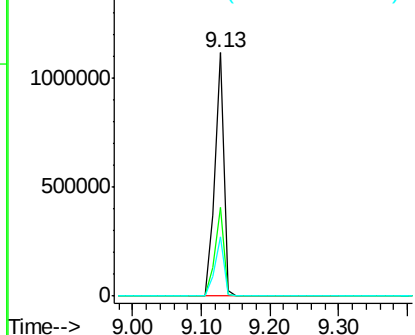


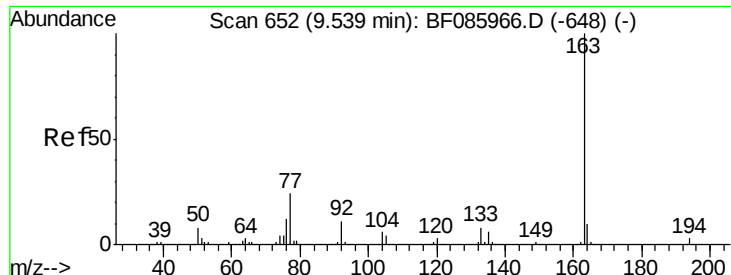
#44
 2-Fluorobiphenyl
 Concen: 111.70 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086066.D
 Acq: 5 Apr 2016 6:02

Tgt Ion:172 Resp: 1053928
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.6 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

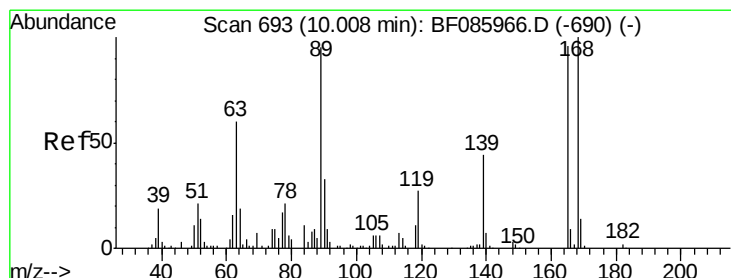
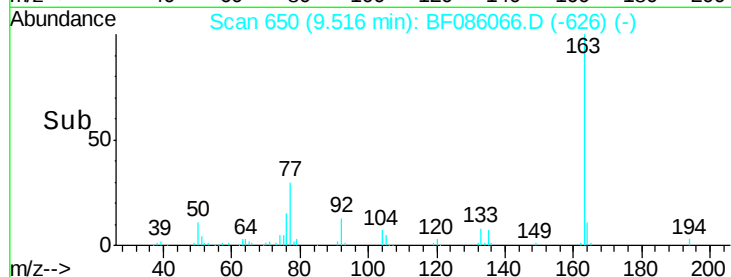
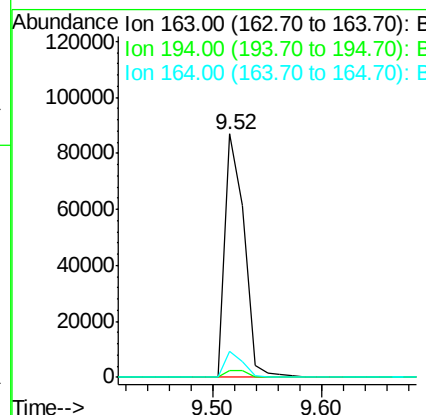
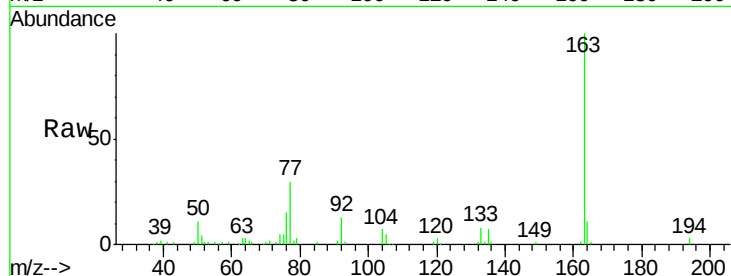




#49
Dimethylphthalate
Concen: 9.23 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF086066.D
Acq: 5 Apr 2016 6:02

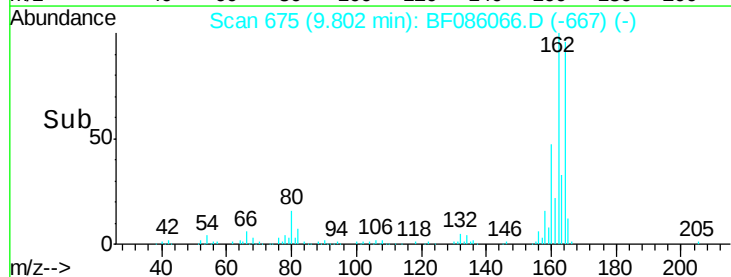
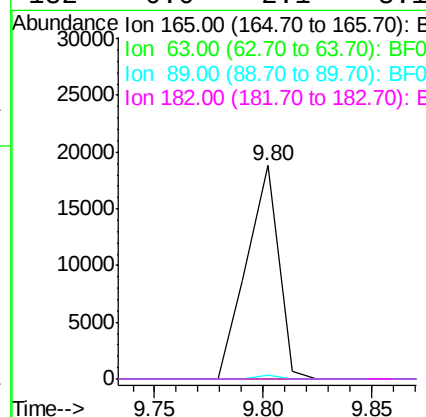
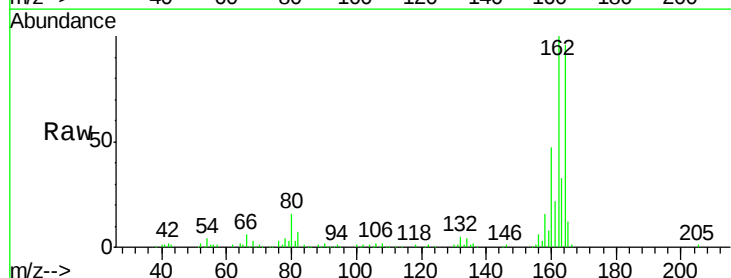
Instrument :
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AMBOY-SB-09COMP(0.5-20.0)

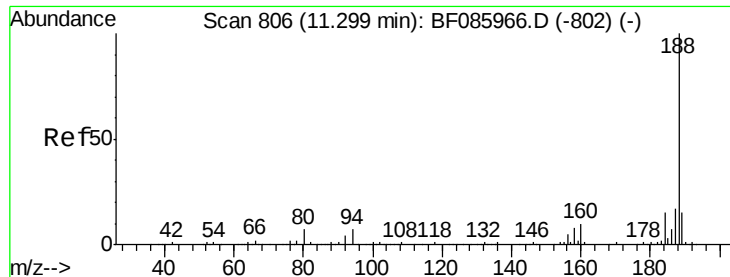
Tgt Ion:163 Resp: 107288
Ion Ratio Lower Upper
163 100
194 2.8 2.9 4.3#
164 10.8 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF086066.D
Acq: 5 Apr 2016 6:02

Tgt Ion:165 Resp: 19306
Ion Ratio Lower Upper
165 100
63 0.0 24.9 37.3#
89 2.0 41.0 61.6#
182 0.0 2.1 3.1#

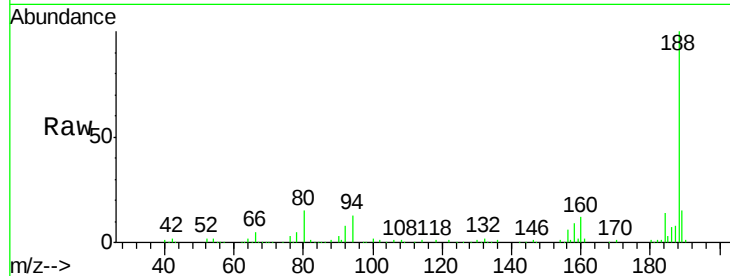




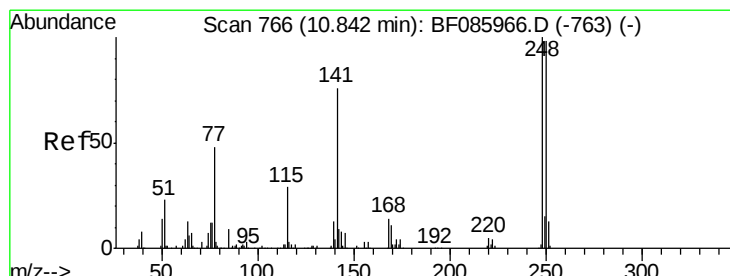
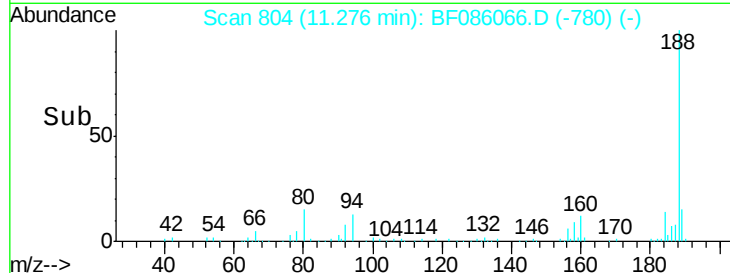
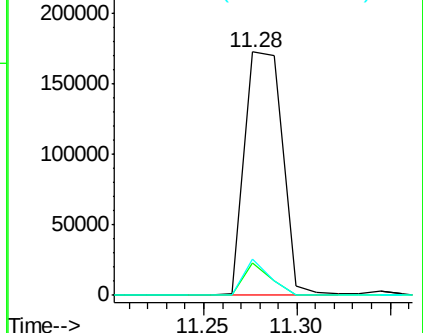
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF086066.D
 Acq: 5 Apr 2016 6:02

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-09COMP(0.5-20.0)

Tgt Ion:188 Resp: 242754
 Ion Ratio Lower Upper
 188 100
 94 13.4 5.4 8.0#
 80 15.1 5.5 8.3#

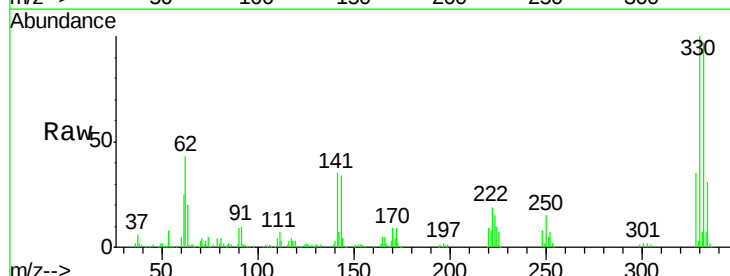


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

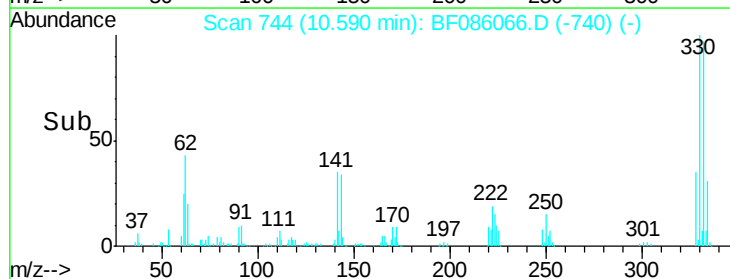
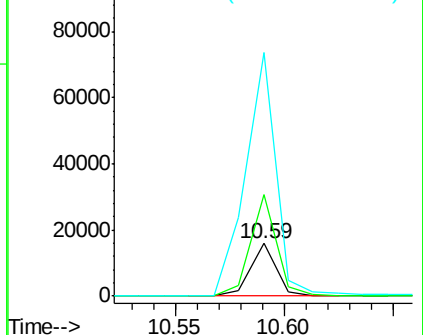


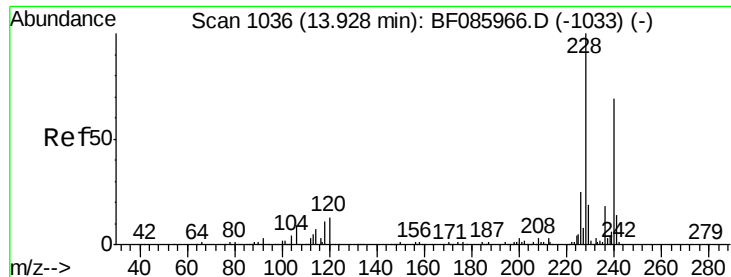
#66
 4-Bromophenyl-phenylether
 Concen: 5.29 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF086066.D
 Acq: 5 Apr 2016 6:02

Tgt Ion:248 Resp: 13121
 Ion Ratio Lower Upper
 248 100
 250 193.4 77.4 116.0#
 141 462.2 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: BF086066.D

Acq: 5 Apr 2016 6:02

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-09COMP(0.5-20.0)

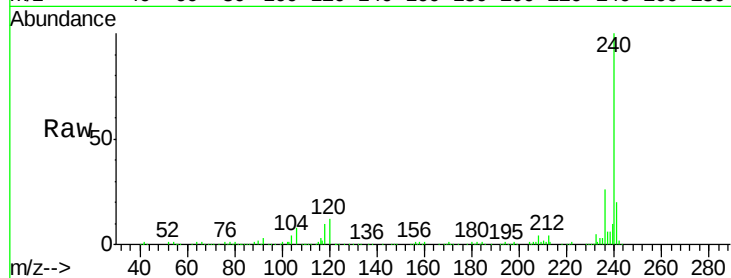
Tgt Ion:240 Resp: 203871

Ion Ratio Lower Upper

240 100

120 12.0 13.8 20.8#

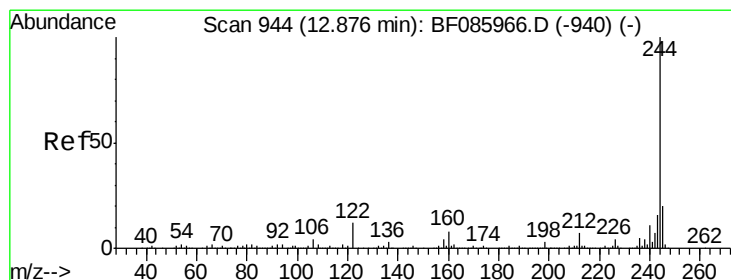
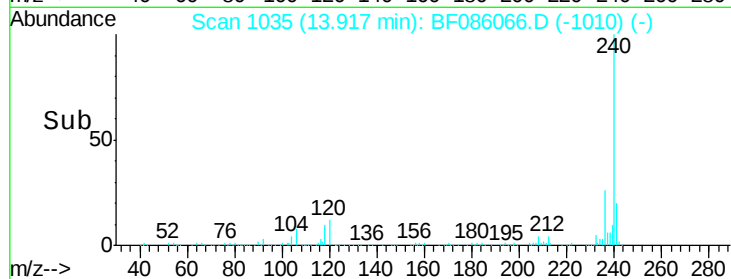
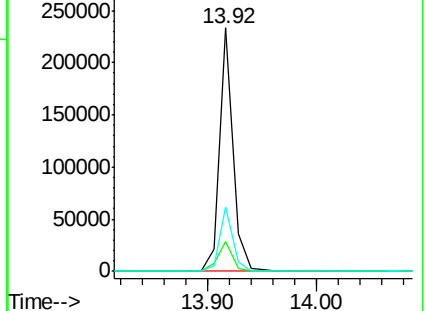
236 26.5 20.6 30.8



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: 79.78 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086066.D

Acq: 5 Apr 2016 6:02

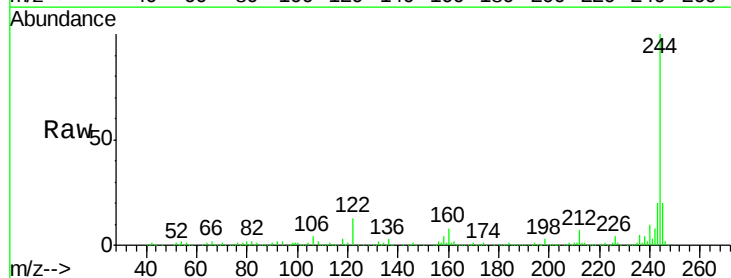
Tgt Ion:244 Resp: 691960

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

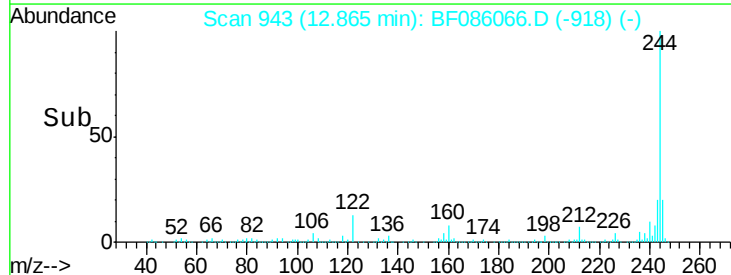
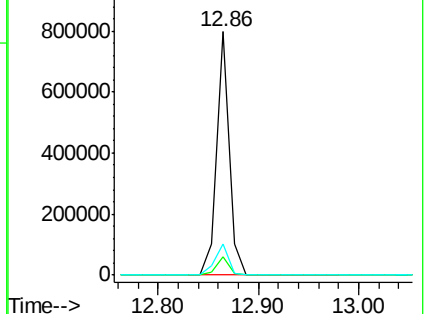
122 13.0 10.2 15.4

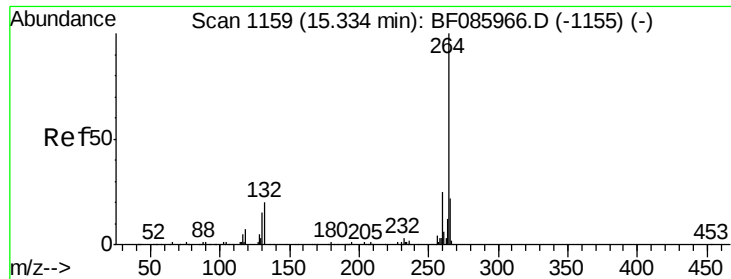


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF086066.D
Acq: 5 Apr 2016 6:02

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-09COMP(0.5-20.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.4	17.2	25.8

