

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086068.D
 Acq On : 5 Apr 2016 6:57
 Operator : UM/SJ
 Sample : H2183-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-12(0.5-20.0)

Quant Time: Apr 05 07:21:17 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

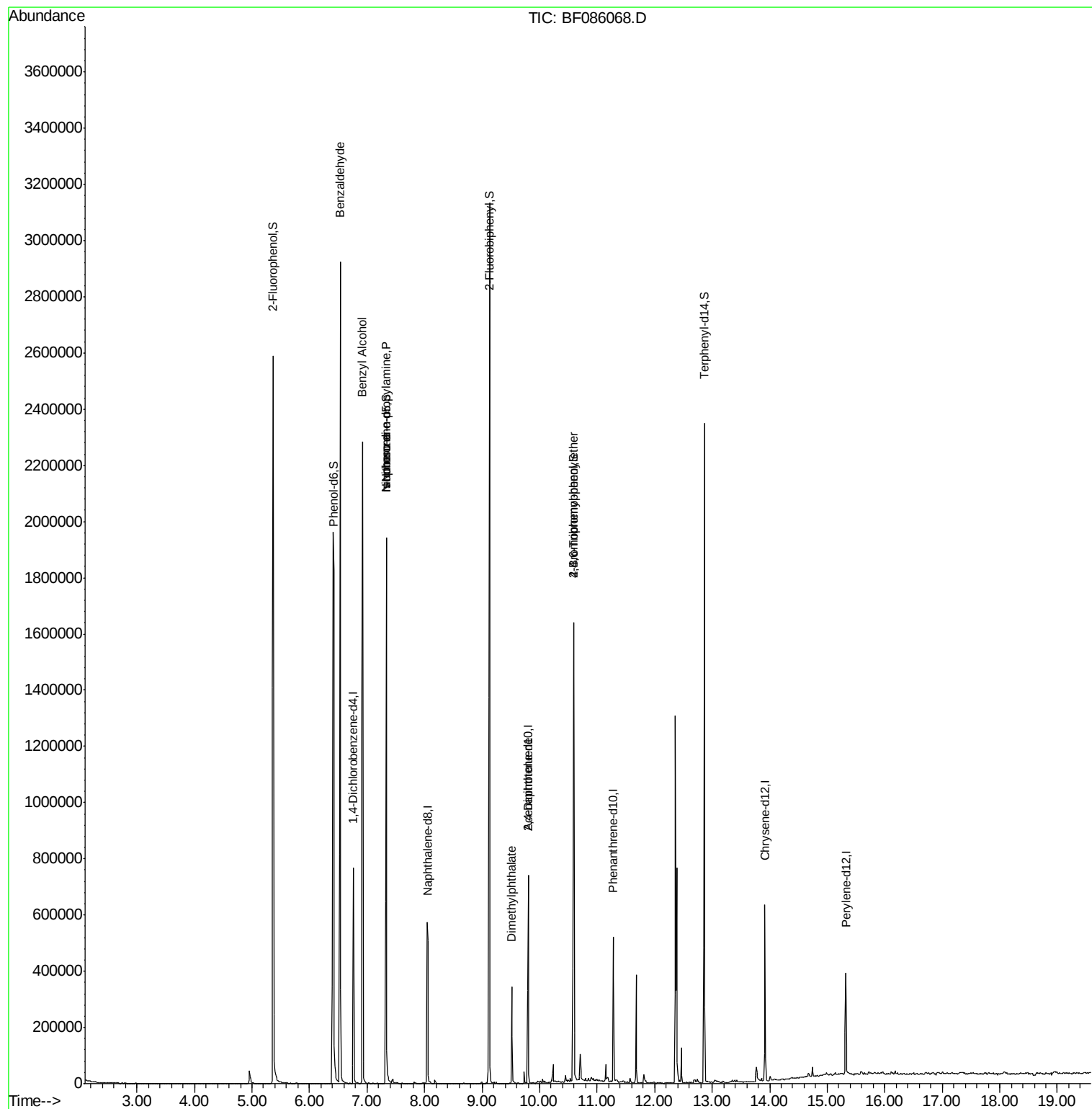
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	113101	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	397975	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	164162	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	248489	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	200181	20.00	ng	-0.01
86) Perylene-d12	15.32	264	147922	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	948380	143.33	ng	0.00
7) Phenol-d6	6.42	99	1164417	138.55	ng	0.00
23) Nitrobenzene-d5	7.33	82	692204	102.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	189072	122.71	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1072983	108.68	ng	-0.01
78) Terphenyl-d14	12.87	244	691872	81.24	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.53	77	18408	4.07	ng	Qvalue 85
15) Benzyl Alcohol	6.92	79	11368	2.09	ng	# 42
19) n-Nitroso-di-n-propylamine	7.33	70	92048	17.67	ng	# 77
25) Isophorone	7.33	82	532088	39.94	ng	# 68
49) Dimethylphthalate	9.52	163	161121	13.24	ng	99
56) 2,4-Dinitrotoluene	9.80	165	20704	6.36	ng	# 36
66) 4-Bromophenyl-phenylether	10.59	248	13654	5.38	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086068.D
Acq On : 5 Apr 2016 6:57
Operator : UM/SJ
Sample : H2183-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-12(0.5-20.0)

Quant Time: Apr 05 07:21:17 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-12(0.5-20.0)

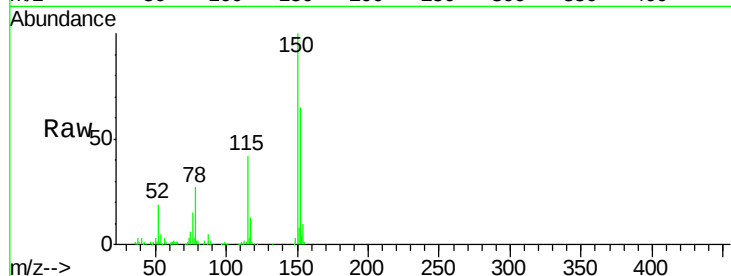
Tgt Ion:152 Resp: 113101

Ion Ratio Lower Upper

152 100

150 153.2 124.2 186.2

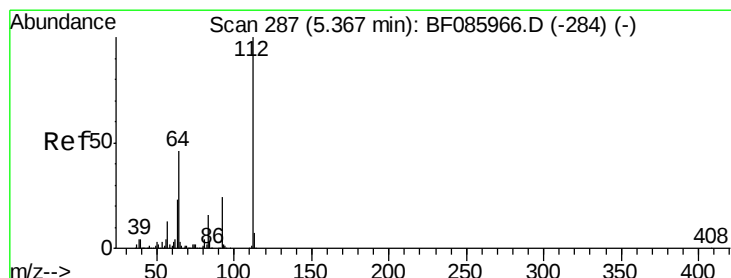
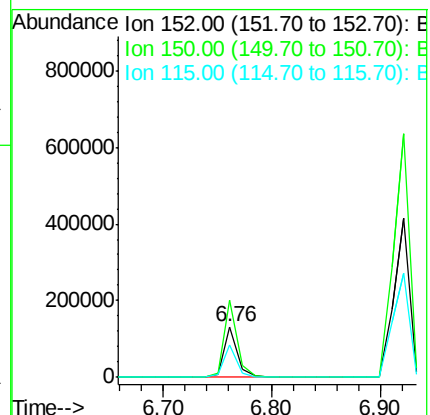
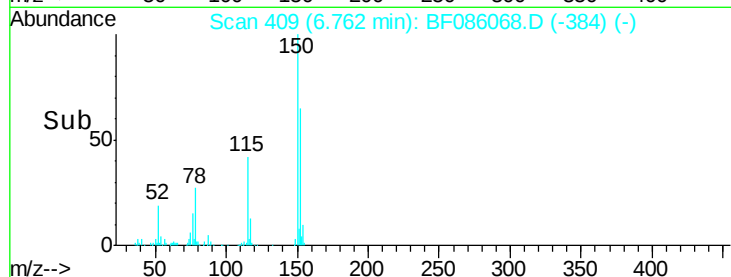
115 63.6 47.0 70.6



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: 143.33 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

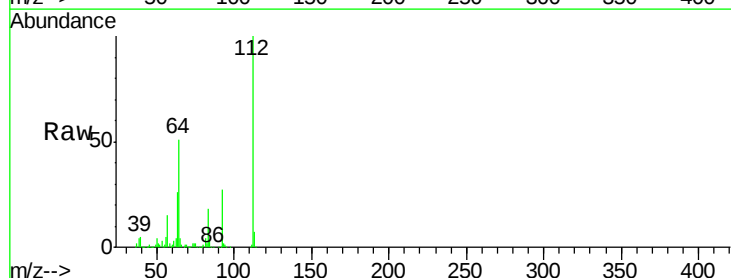
Tgt Ion:112 Resp: 948380

Ion Ratio Lower Upper

112 100

64 51.3 39.9 59.9

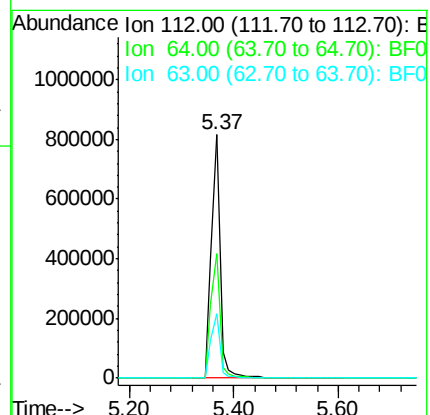
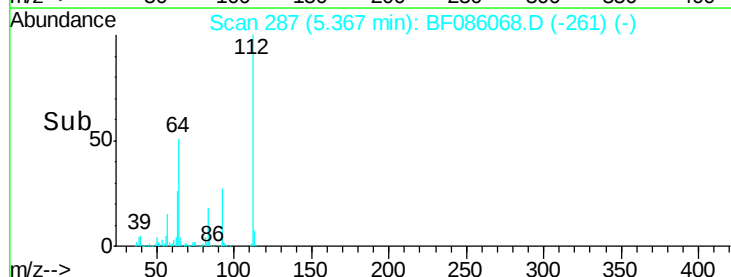
63 26.3 20.2 30.2

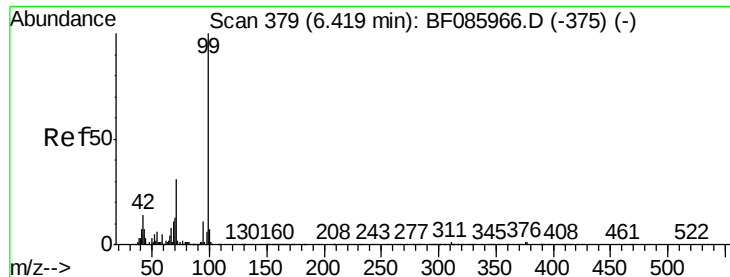


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.55 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-12(0.5-20.0)

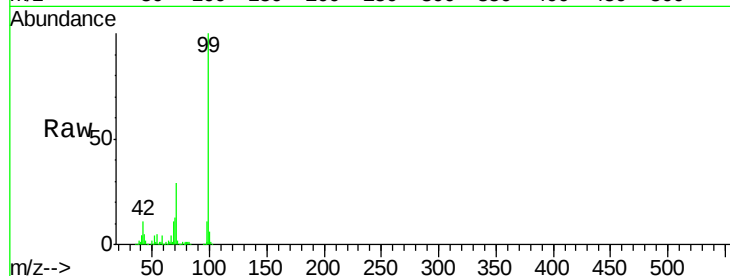
Tgt Ion: 99 Resp: 1164417

Ion	Ratio	Lower	Upper
99	100		
42	11.4	11.1	16.7
71	28.7	24.9	37.3

99 100

42 11.4 11.1 16.7

71 28.7 24.9 37.3

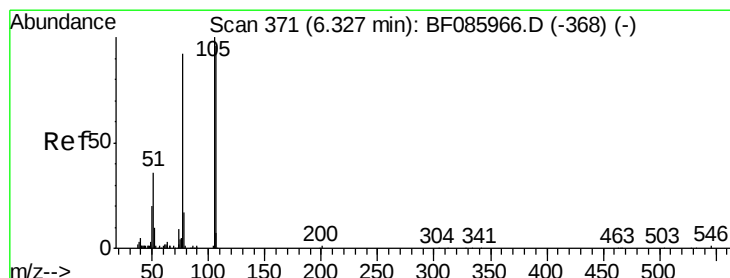
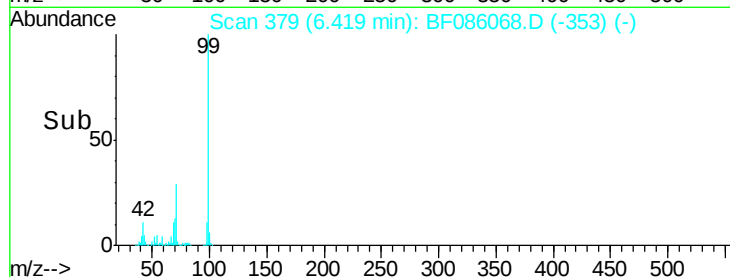
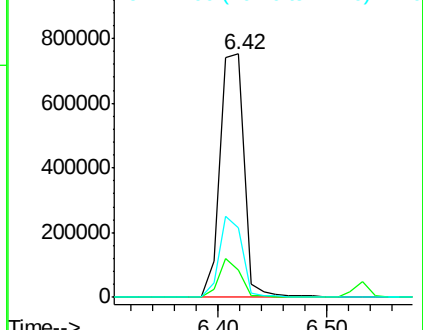


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 4.07 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

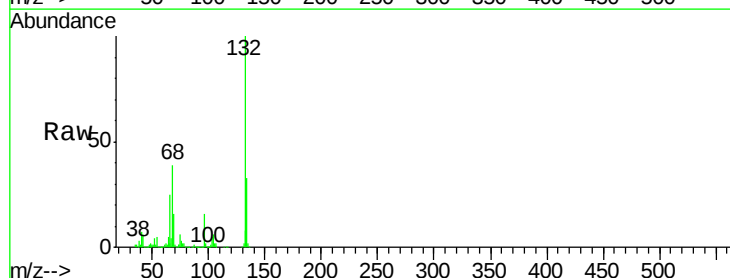
Tgt Ion: 77 Resp: 18408

Ion	Ratio	Lower	Upper
77	100		
105	84.2	80.1	120.1
106	81.7	75.0	115.0

77 100

105 84.2 80.1 120.1

106 81.7 75.0 115.0

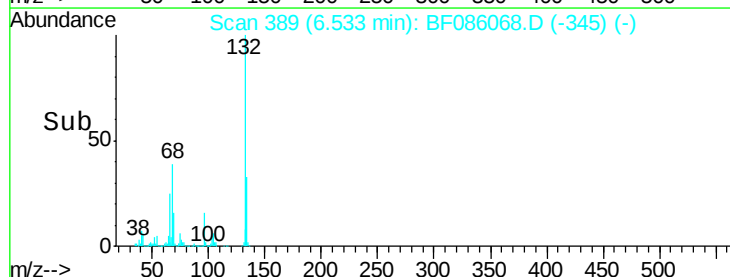
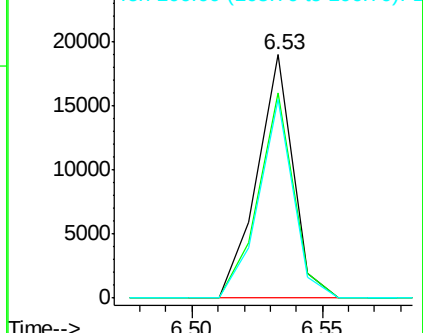


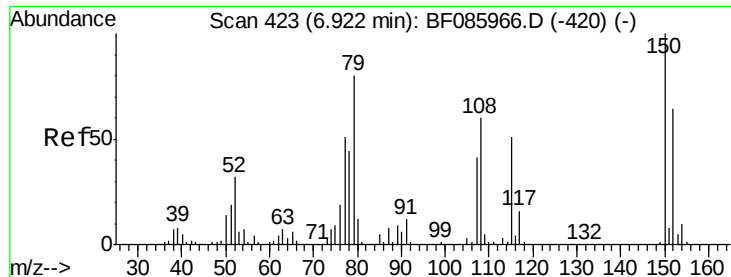
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

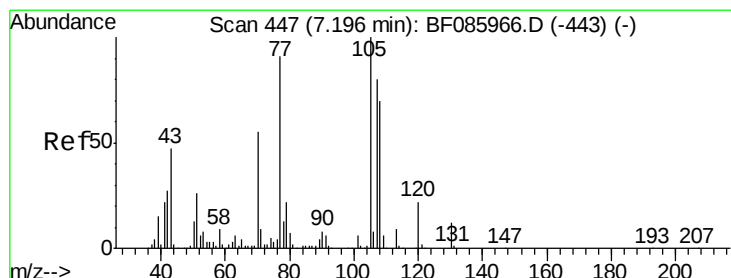
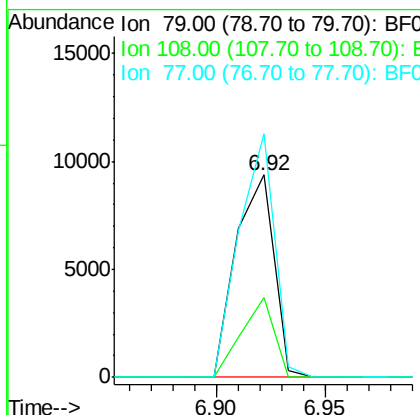
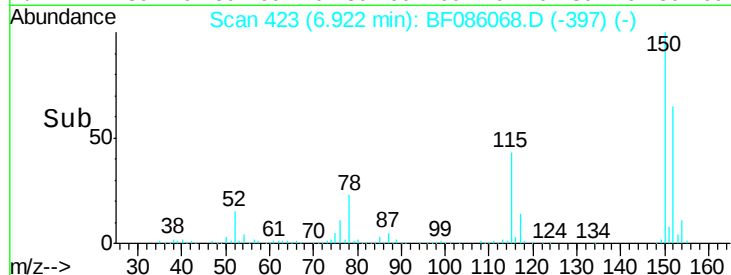
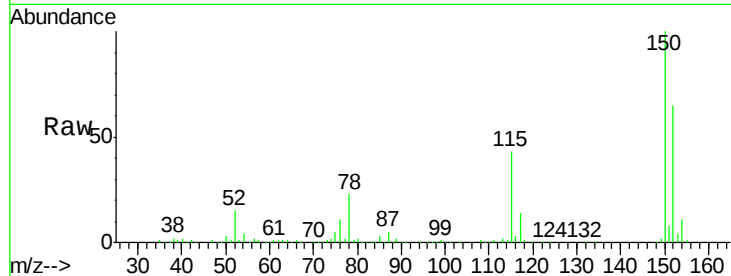




#15
Benzyl Alcohol
Concen: 2.09 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086068.D
Acq: 5 Apr 2016 6:57

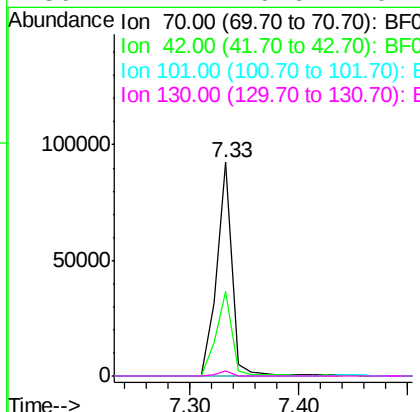
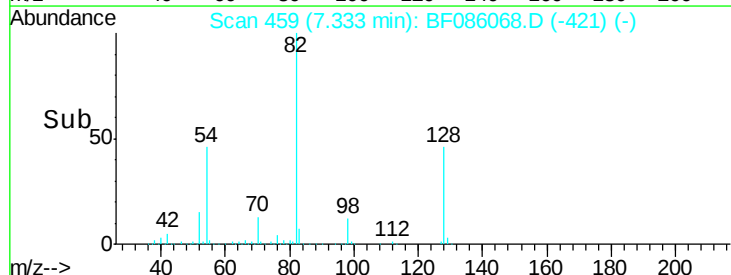
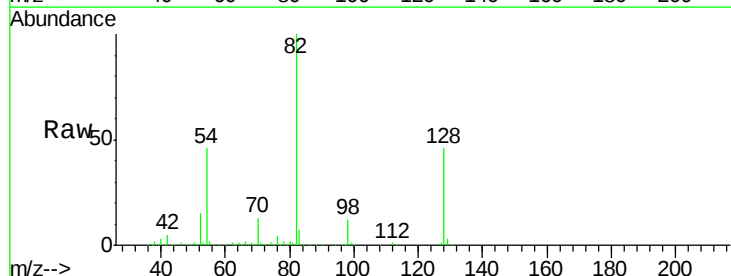
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-12(0.5-20.0)

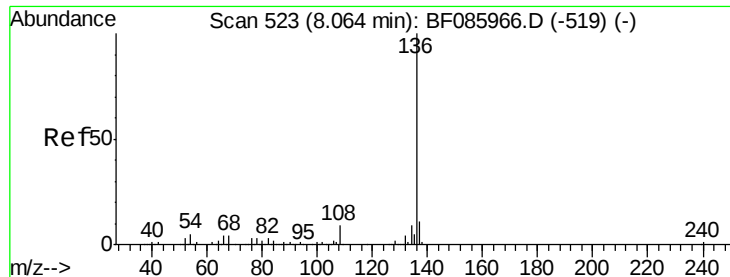
Tgt Ion: 79 Resp: 11368
Ion Ratio Lower Upper
79 100
108 39.3 61.8 92.6#
77 120.2 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.67 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086068.D
Acq: 5 Apr 2016 6:57

Tgt Ion: 70 Resp: 92048
Ion Ratio Lower Upper
70 100
42 39.3 37.1 55.7
101 0.0 8.6 12.8#
130 2.4 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: BF086068.D

Acq: 5 Apr 2016 6:57

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-12(0.5-20.0)

Tgt Ion:136 Resp: 397975

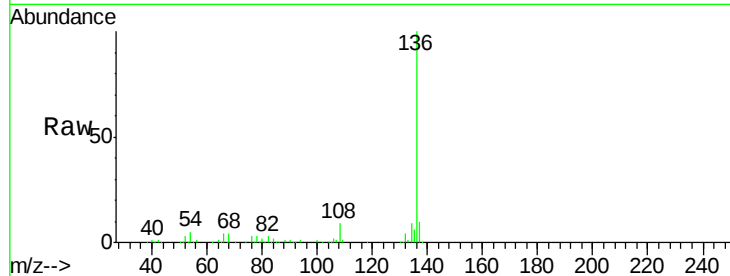
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 4.7 7.4 11.0#

68 4.1 5.8 8.8#

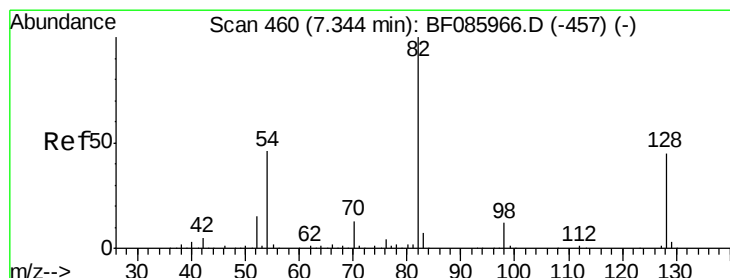
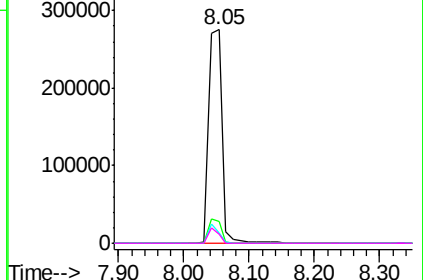
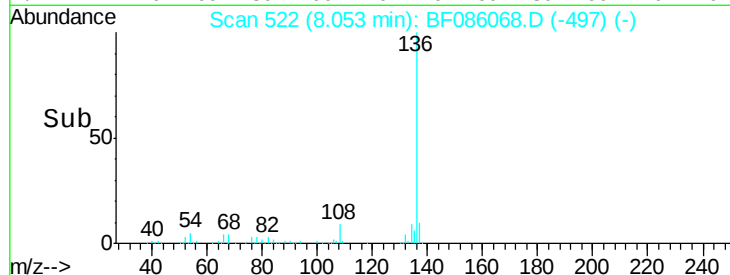


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.57 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

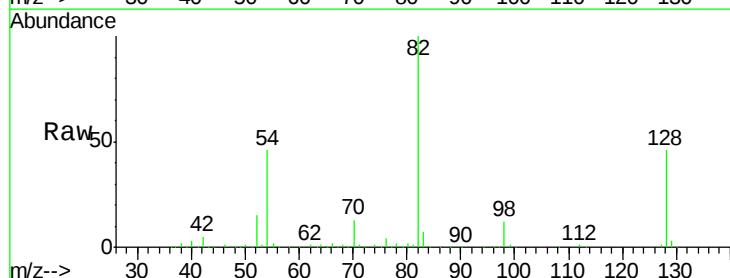
Tgt Ion: 82 Resp: 692204

Ion Ratio Lower Upper

82 100

128 45.9 41.8 62.8

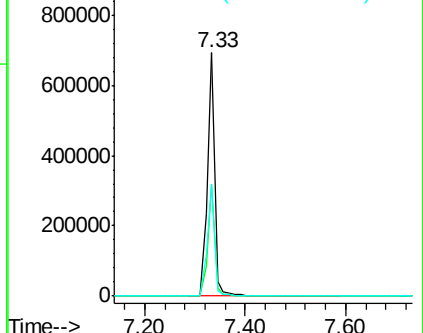
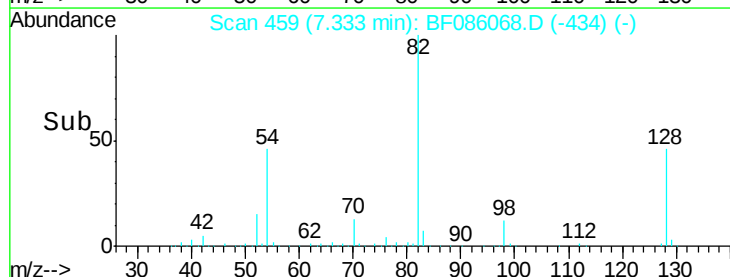
54 45.7 33.4 50.0

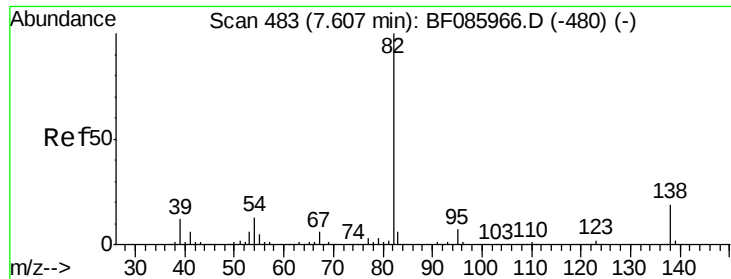


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 39.94 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-12(0.5-20.0)

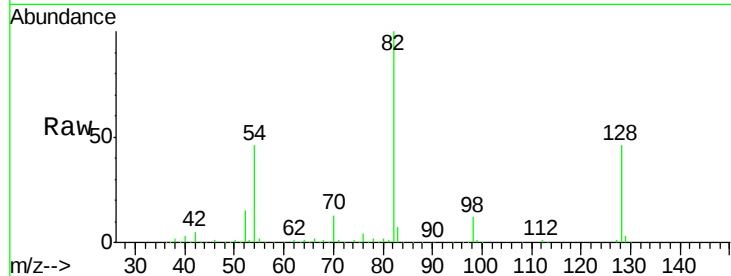
Tgt Ion: 82 Resp: 532088

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

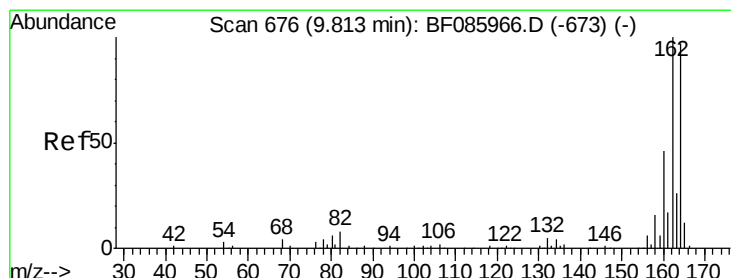
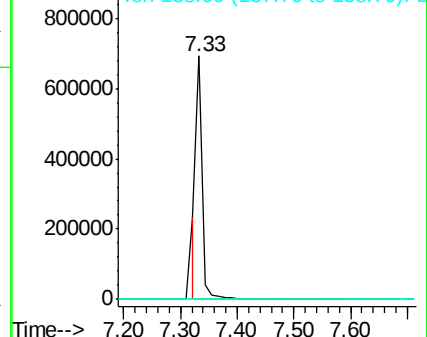
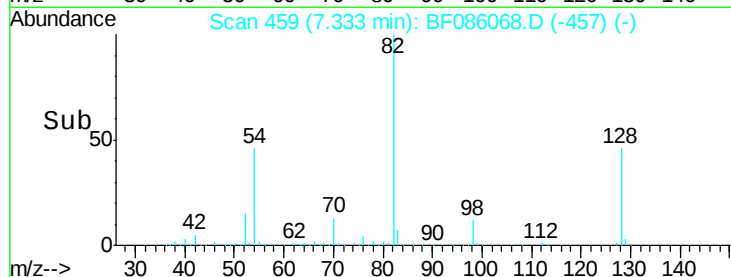
138 0.0 12.9 19.3#



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: BF086068.D

Acq: 5 Apr 2016 6:57

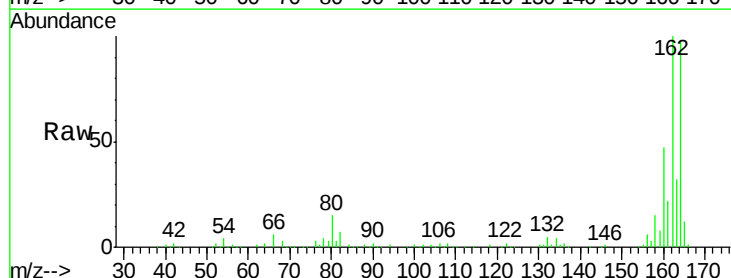
Tgt Ion: 164 Resp: 164162

Ion Ratio Lower Upper

164 100

162 102.4 82.1 123.1

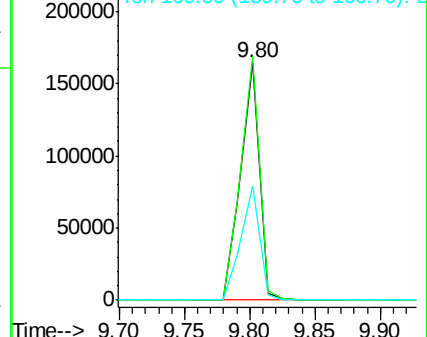
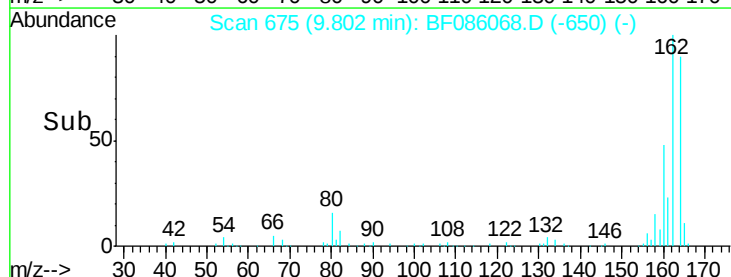
160 48.3 37.4 56.2

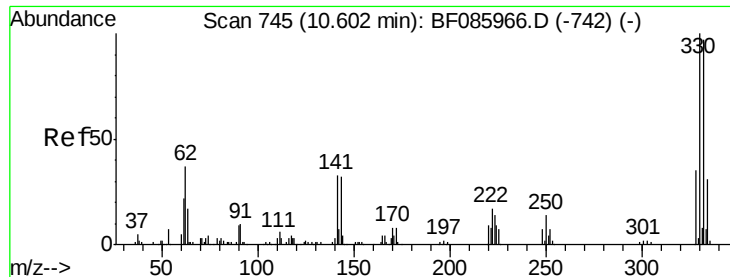


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

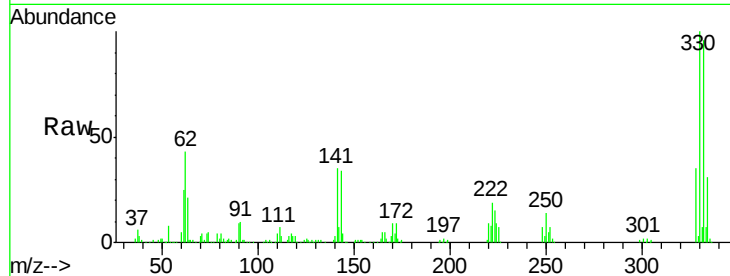




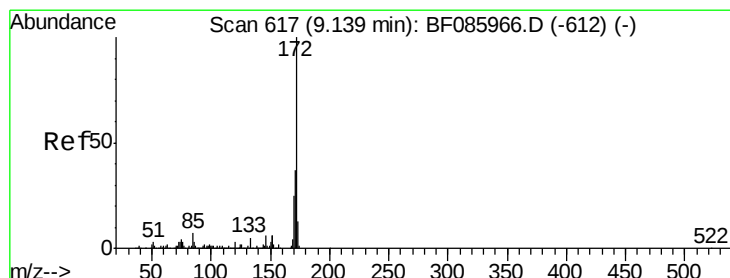
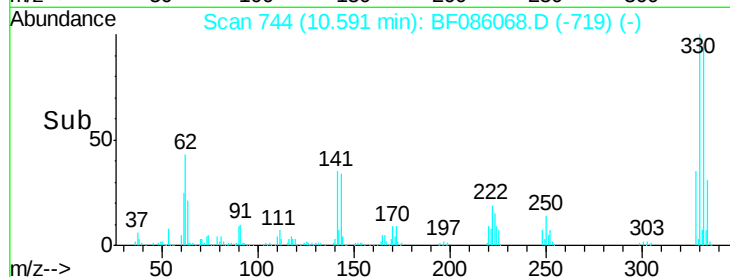
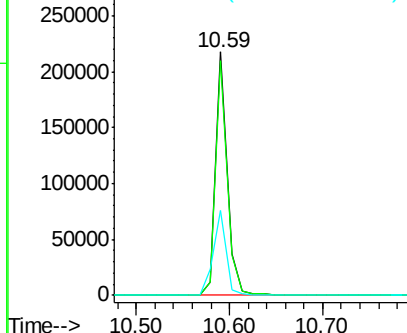
#41
 2,4,6-Tribromophenol
 Concen: 122.71 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086068.D
 Acq: 5 Apr 2016 6:57

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-12(0.5-20.0)

Tgt Ion:330 Resp: 189072
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 39.2 31.5 47.3

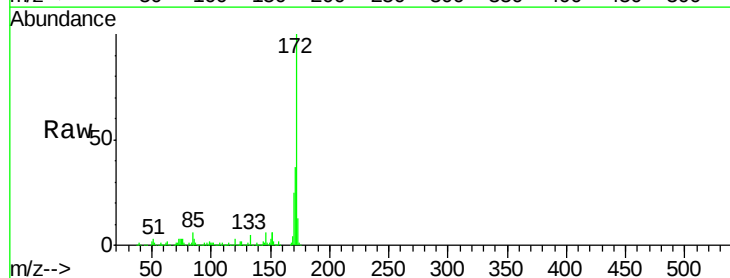


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

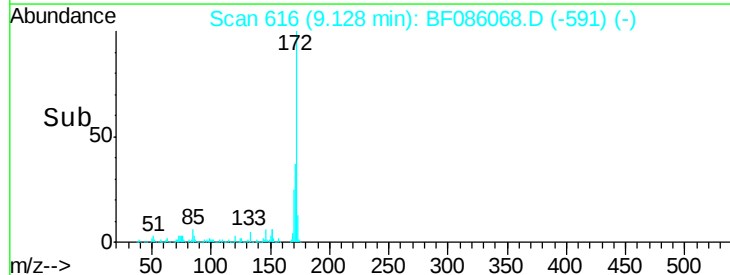
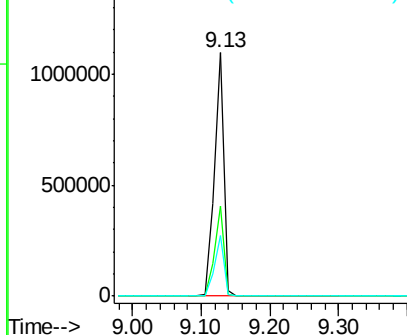


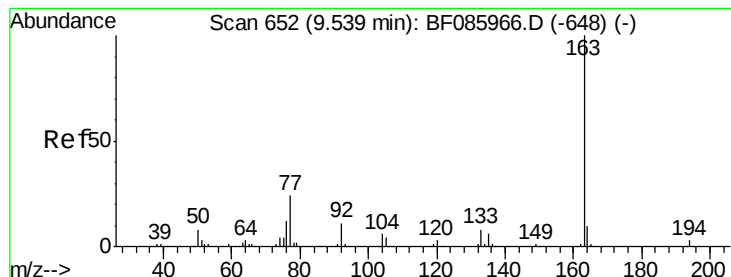
#44
 2-Fluorobiphenyl
 Concen: 108.68 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086068.D
 Acq: 5 Apr 2016 6:57

Tgt Ion:172 Resp: 1072983
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.8 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: 13.24 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-12(0.5-20.0)

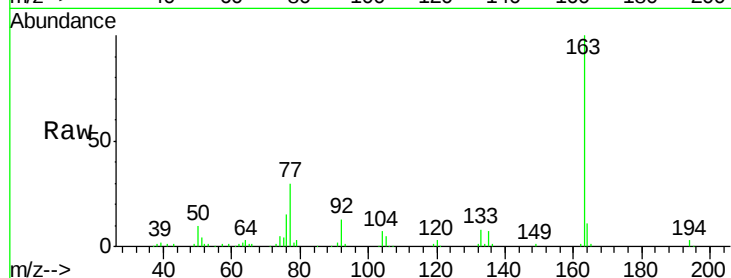
Tgt Ion:163 Resp: 161121

Ion Ratio Lower Upper

163 100

194 2.9 2.9 4.3

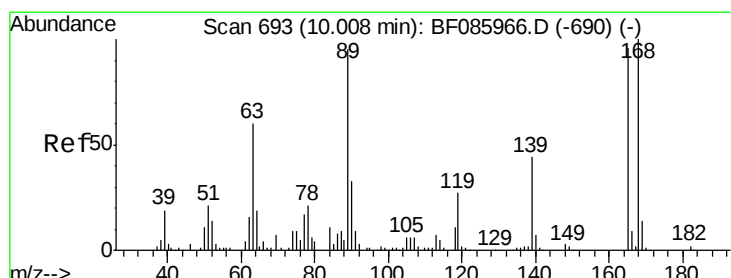
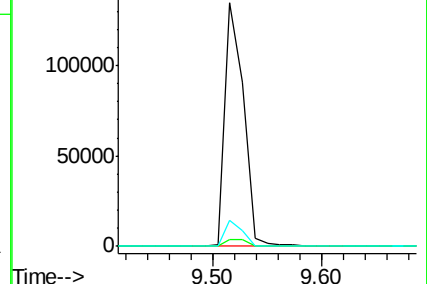
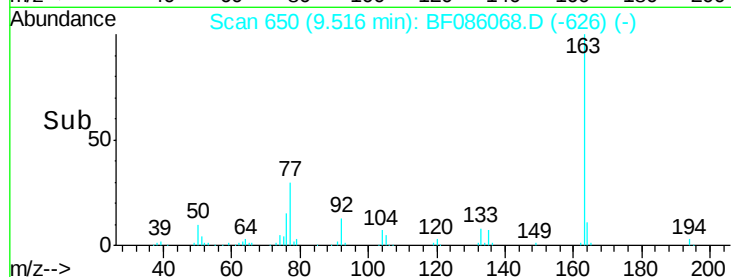
164 10.8 8.3 12.5



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: BF086068.D

Acq: 5 Apr 2016 6:57

Tgt Ion:165 Resp: 20704

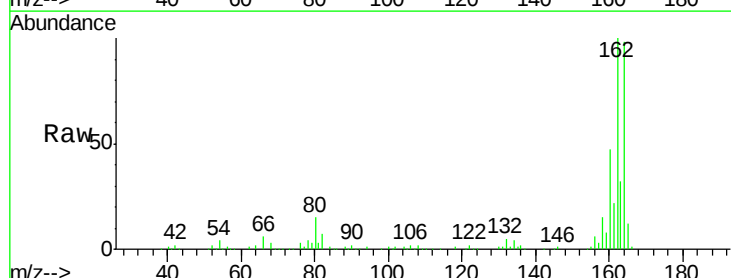
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 1.7 41.0 61.6#

182 0.0 2.1 3.1#

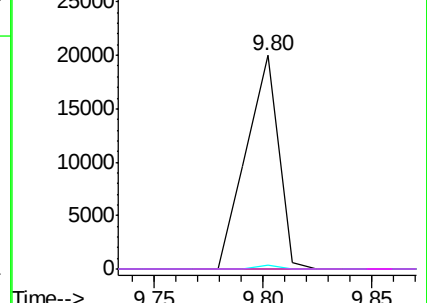
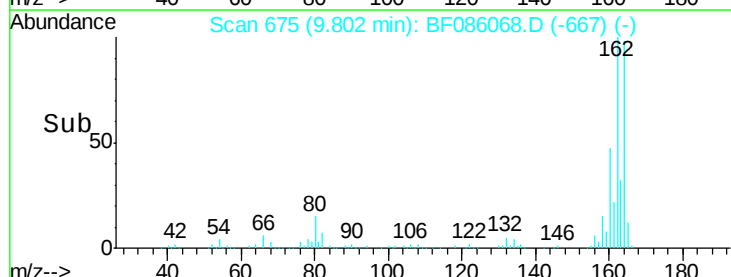


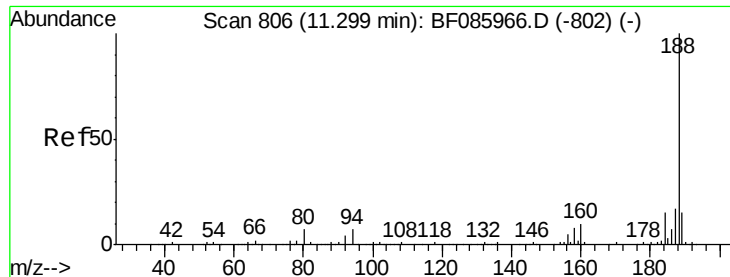
Abundance Ion 165.00 (164.70 to 165.70): E

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

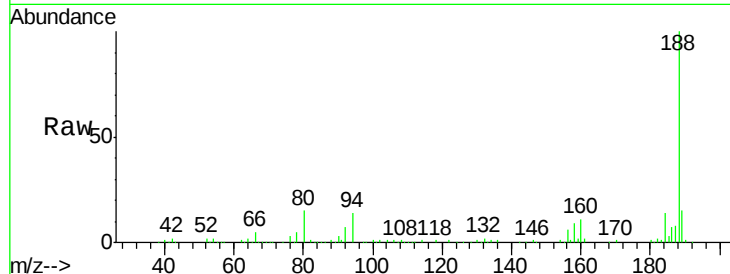




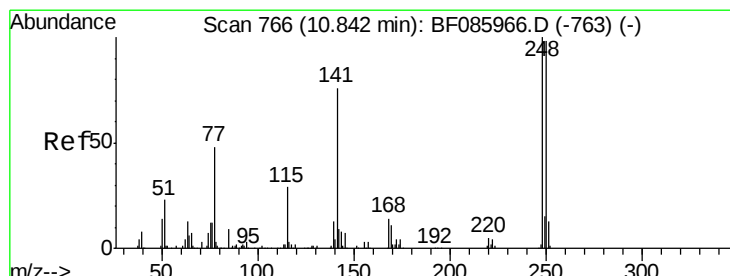
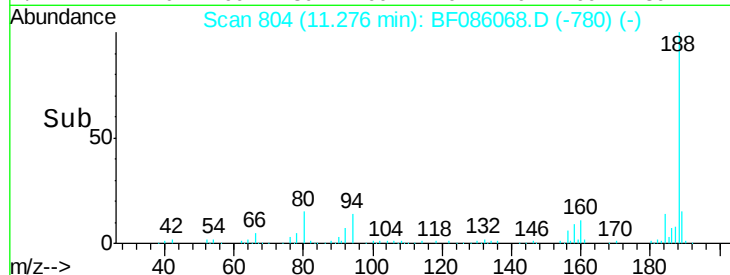
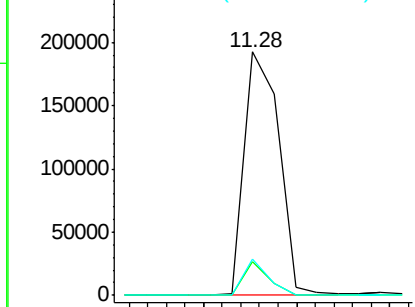
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF086068.D
 Acq: 5 Apr 2016 6:57

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-12(0.5-20.0)

Tgt Ion:188 Resp: 248489
 Ion Ratio Lower Upper
 188 100
 94 13.8 5.4 8.0#
 80 15.1 5.5 8.3#

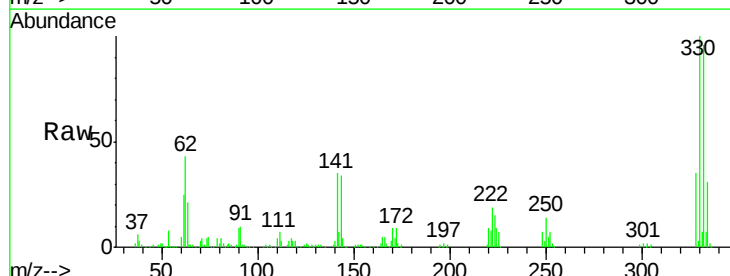


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

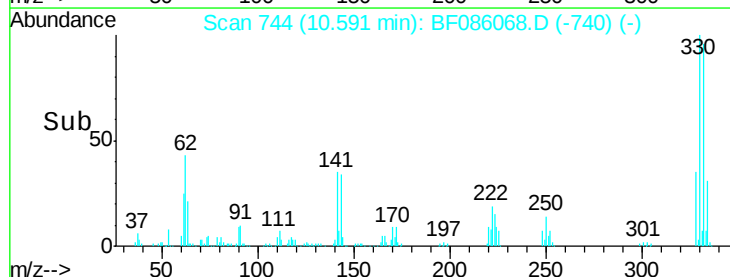
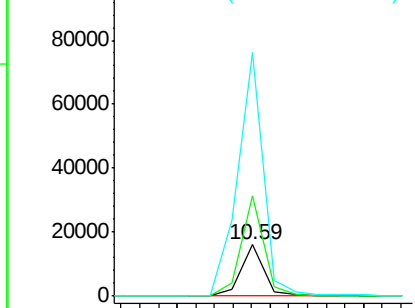


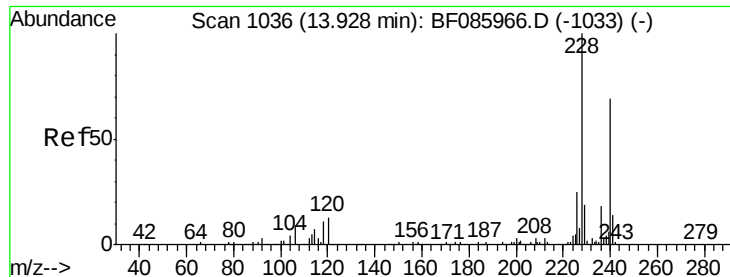
#66
 4-Bromophenyl-phenylether
 Concen: 5.38 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF086068.D
 Acq: 5 Apr 2016 6:57

Tgt Ion:248 Resp: 13654
 Ion Ratio Lower Upper
 248 100
 250 195.4 77.4 116.0#
 141 472.2 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: BF086068.D

Acq: 5 Apr 2016 6:57

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-12(0.5-20.0)

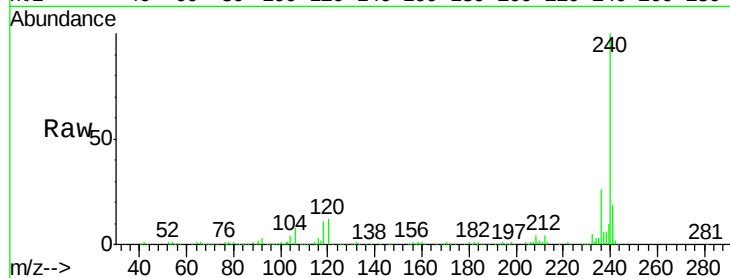
Tgt Ion:240 Resp: 200181

Ion Ratio Lower Upper

240 100

120 12.2 13.8 20.8#

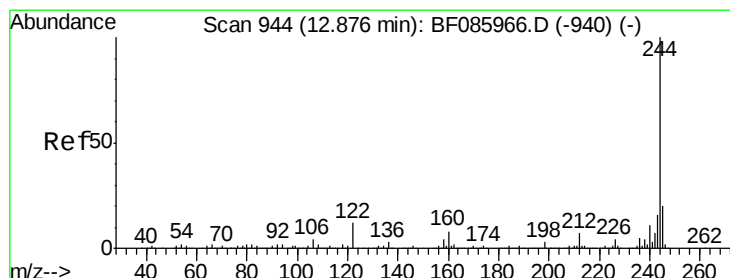
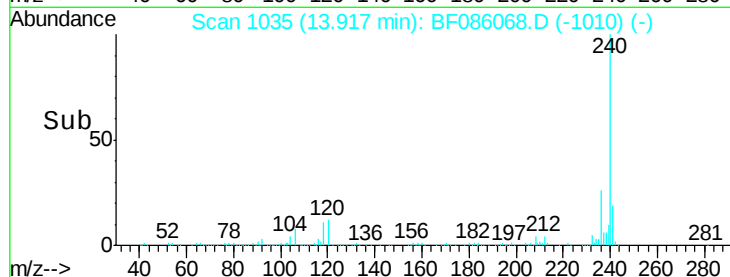
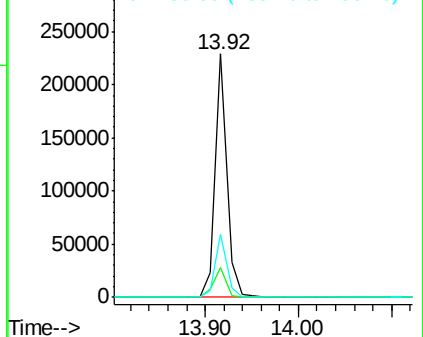
236 26.1 20.6 30.8



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: 81.24 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

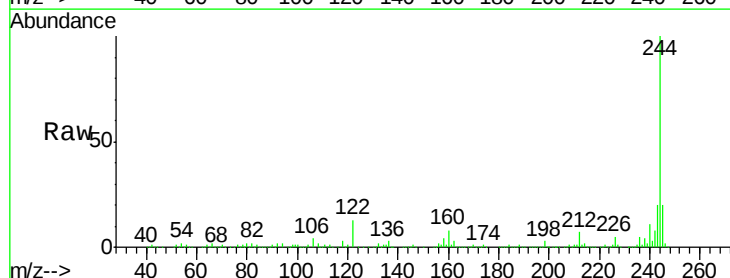
Tgt Ion:244 Resp: 691872

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

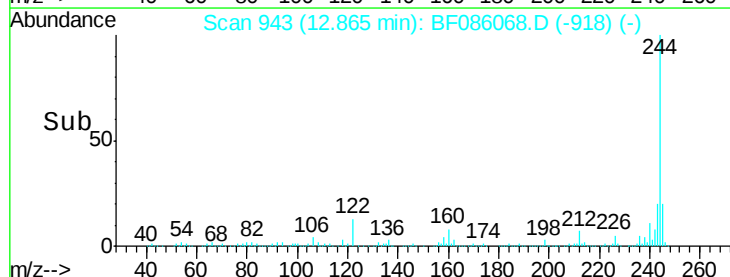
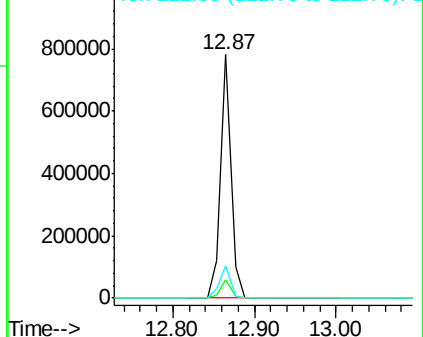
122 13.1 10.2 15.4

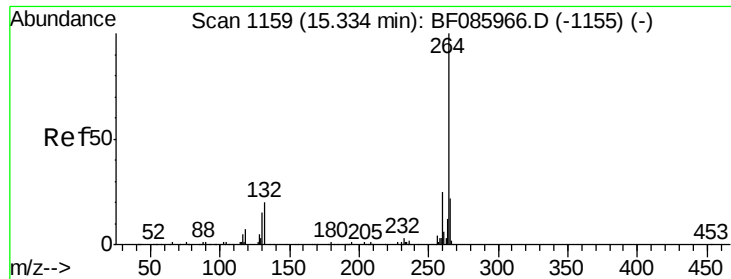


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086068.D
Acq: 5 Apr 2016 6:57

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-12(0.5-20.0)

Tgt Ion: 264 Resp: 147922
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.7 17.2 25.8

