

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086067.D
 Acq On : 5 Apr 2016 6:30
 Operator : UM/SJ
 Sample : H2183-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-10(0.5-2.0)

Quant Time: Apr 05 07:21:04 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

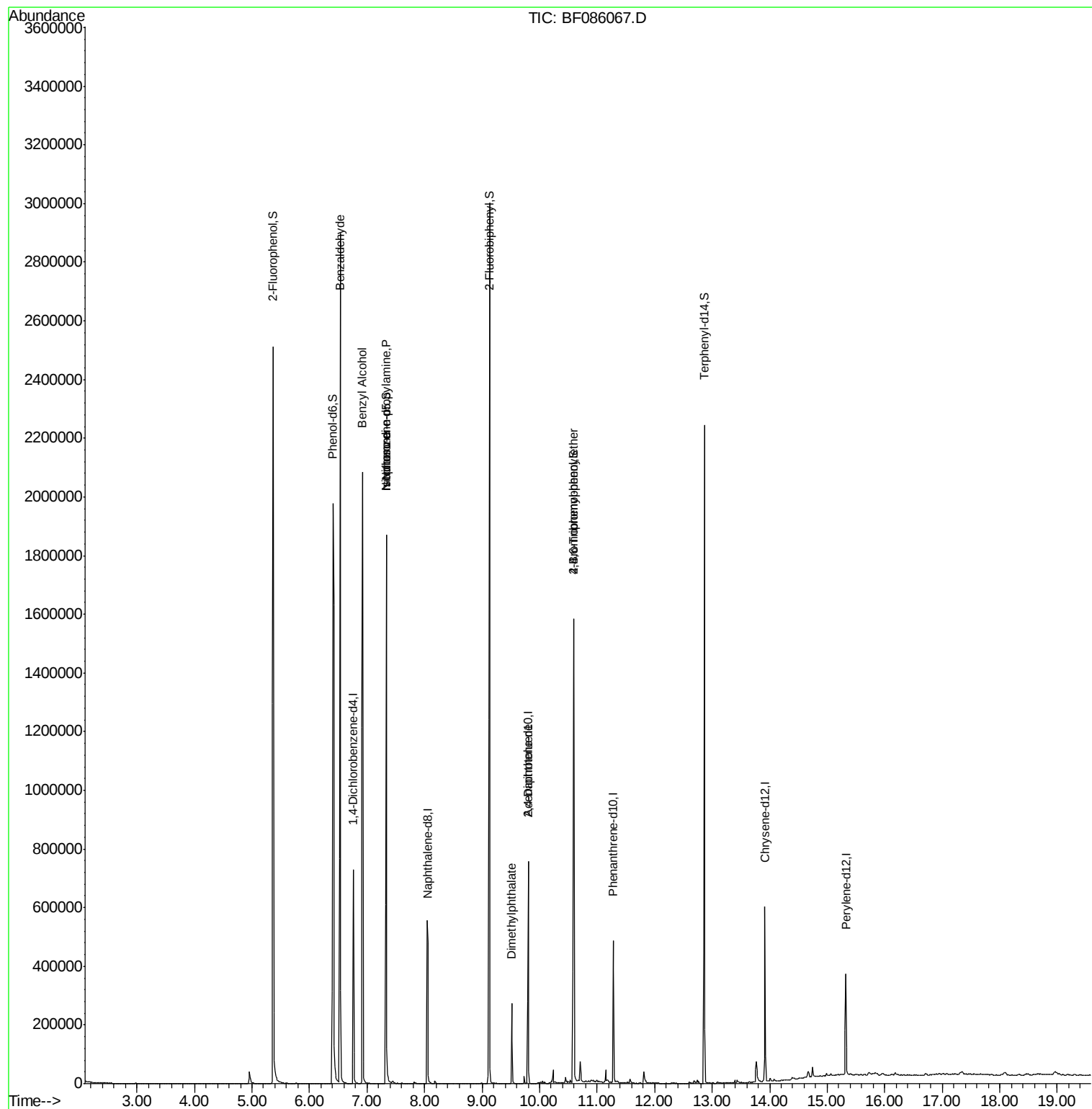
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	107481	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	382194	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	159383	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	245208	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	192195	20.00	ng	-0.01
86) Perylene-d12	15.32	264	145717	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	904513	143.85	ng	0.00
7) Phenol-d6	6.41	99	1122755	140.57	ng	-0.01
23) Nitrobenzene-d5	7.33	82	666225	102.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	181737	121.49	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1008893	105.25	ng	-0.01
78) Terphenyl-d14	12.86	244	648051	79.26	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.53	77	18733	4.36	ng	Qvalue 82
15) Benzyl Alcohol	6.92	79	10993	2.13	ng	# 39
19) n-Nitroso-di-n-propylamine	7.33	70	88251	17.83	ng	# 77
25) Isophorone	7.33	82	516633	40.38	ng	# 68
49) Dimethylphthalate	9.52	163	135491	11.47	ng	# 99
56) 2,4-Dinitrotoluene	9.80	165	20354	6.44	ng	# 37
66) 4-Bromophenyl-phenylether	10.59	248	12814	5.12	ng	# 1

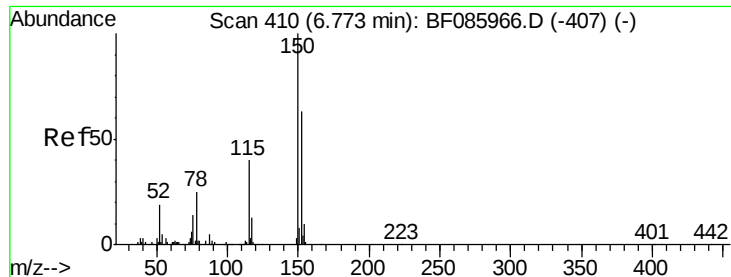
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086067.D

Acq: 5 Apr 2016 6:30

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-10(0.5-2.0)

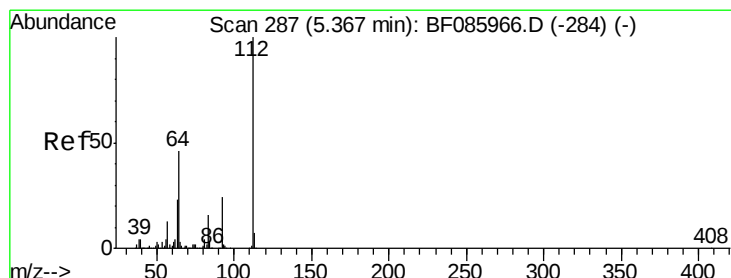
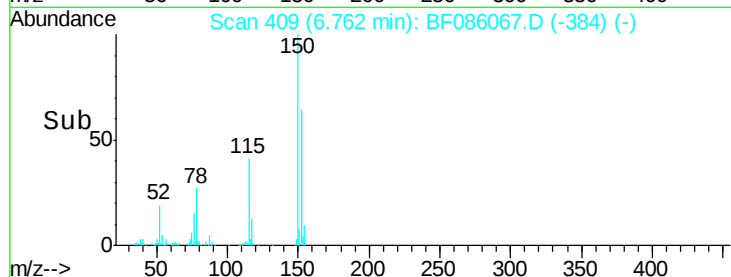
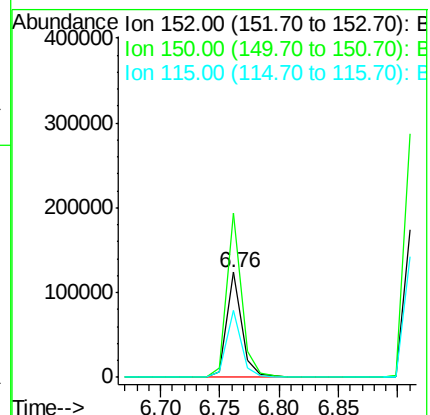
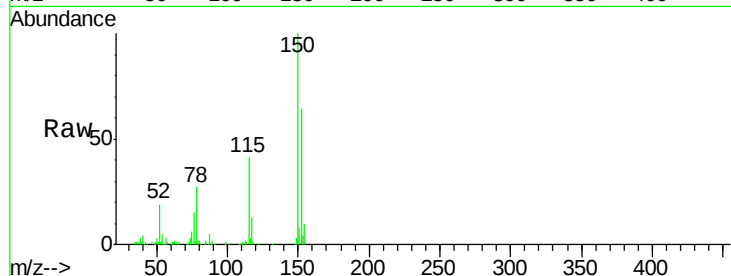
Tgt Ion:152 Resp: 107481

Ion Ratio Lower Upper

152 100

150 155.9 124.2 186.2

115 63.4 47.0 70.6



#5

2-Fluorophenol

Concen: 143.85 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086067.D

Acq: 5 Apr 2016 6:30

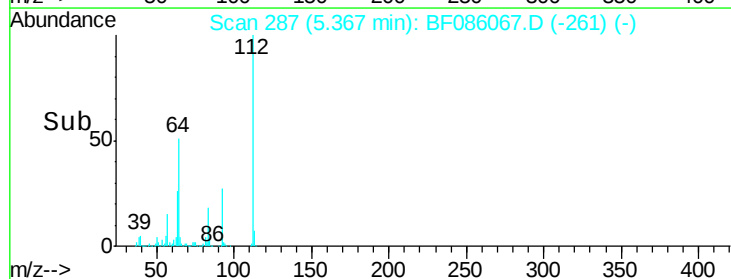
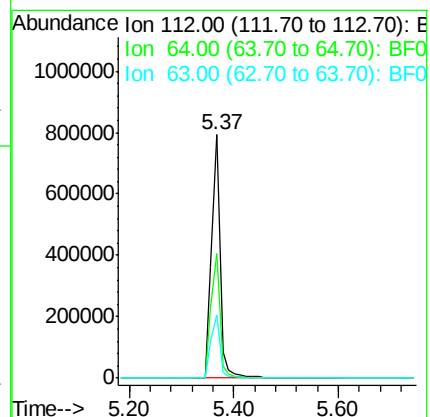
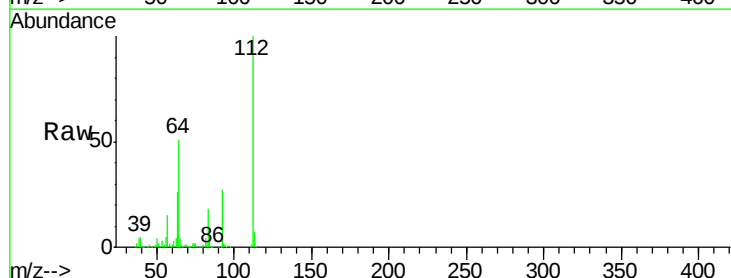
Tgt Ion:112 Resp: 904513

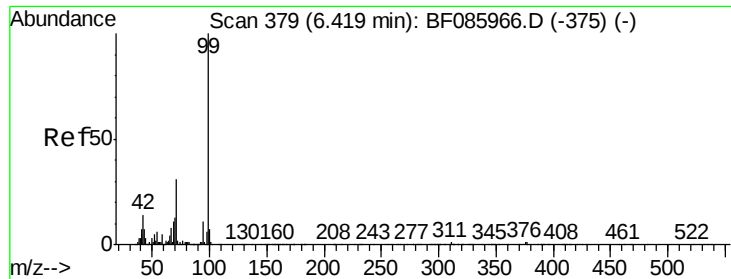
Ion Ratio Lower Upper

112 100

64 51.4 39.9 59.9

63 26.2 20.2 30.2





#7

Phenol-d6

Concen: 140.57 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086067.D

Acq: 5 Apr 2016 6:30

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-10(0.5-2.0)

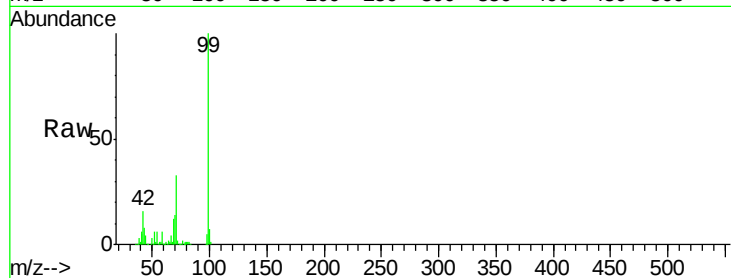
Tgt Ion: 99 Resp: 1122755

Ion Ratio Lower Upper

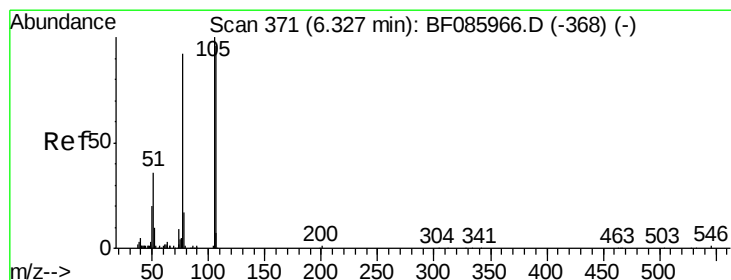
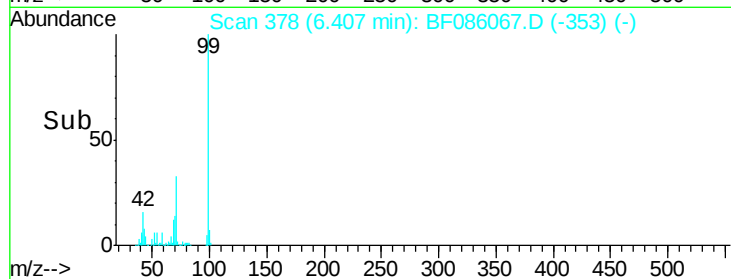
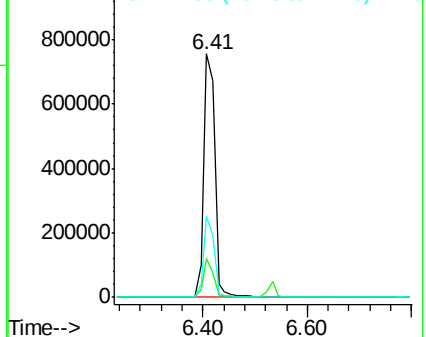
99 100

42 15.8 11.1 16.7

71 33.3 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: 4.36 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF086067.D

Acq: 5 Apr 2016 6:30

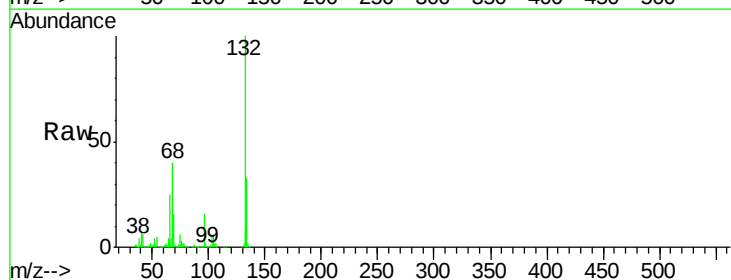
Tgt Ion: 77 Resp: 18733

Ion Ratio Lower Upper

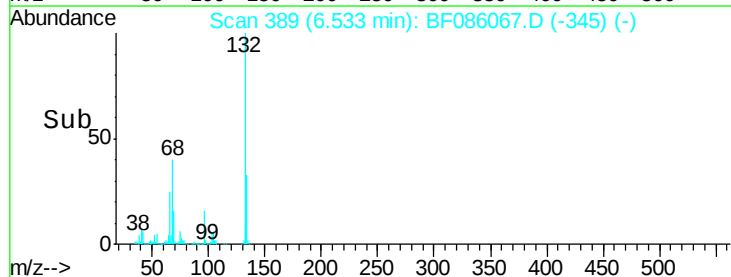
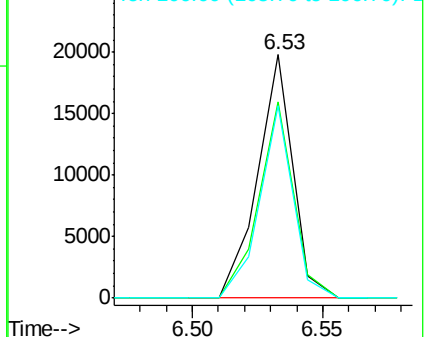
77 100

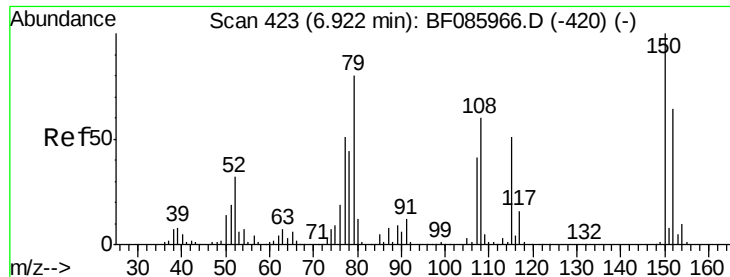
105 80.5 80.1 120.1

106 79.2 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086067.D

Acq: 5 Apr 2016 6:30

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-10(0.5-2.0)

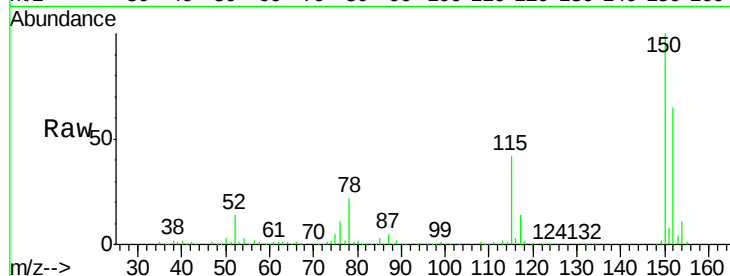
Tgt Ion: 79 Resp: 10993

Ion Ratio Lower Upper

79 100

108 36.4 61.8 92.6#

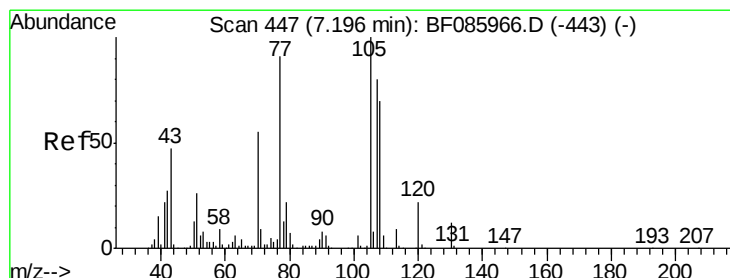
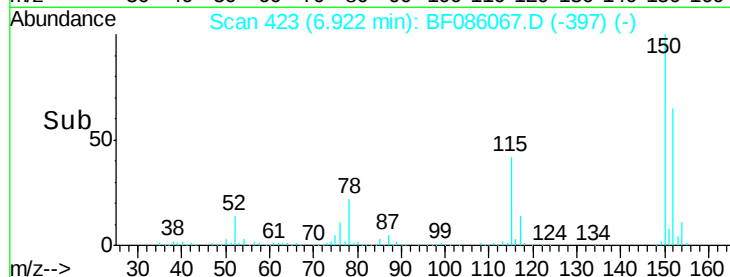
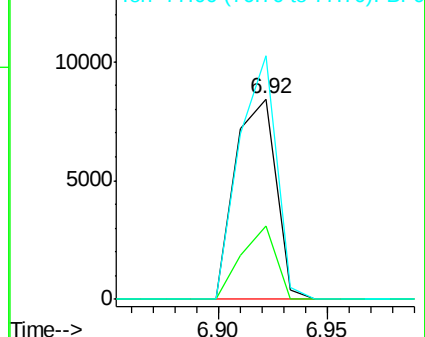
77 121.5 49.6 74.4#



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: 17.83 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF086067.D

Acq: 5 Apr 2016 6:30

Tgt Ion: 70 Resp: 88251

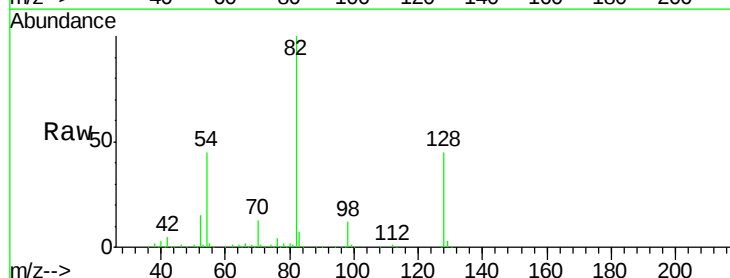
Ion Ratio Lower Upper

70 100

42 39.5 37.1 55.7

101 0.0 8.6 12.8#

130 2.5 19.6 29.4#

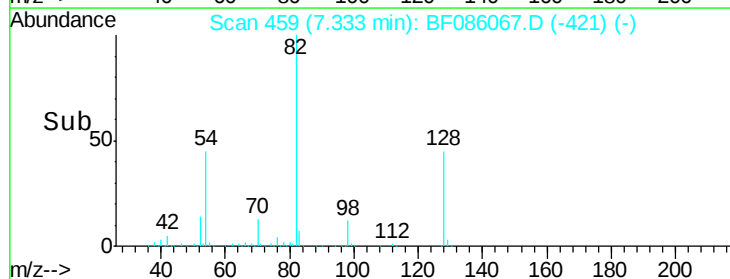
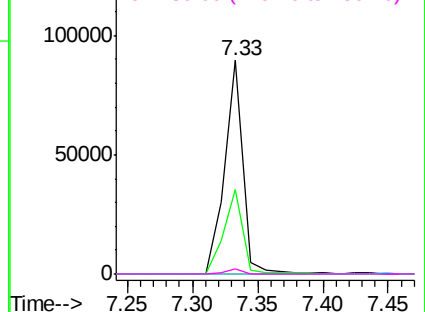


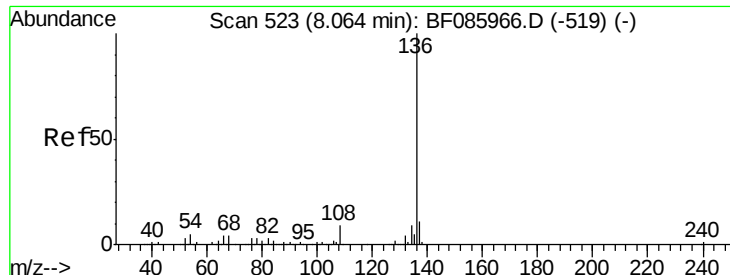
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

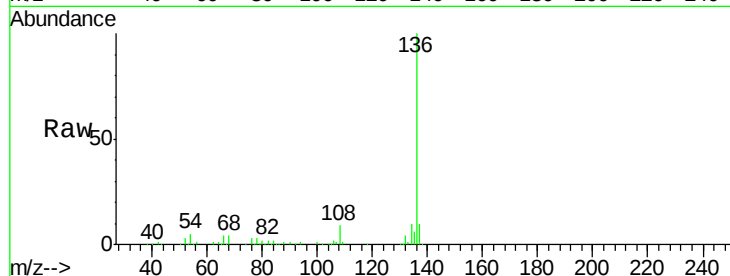




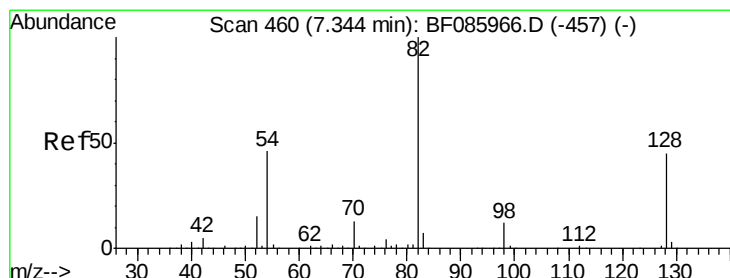
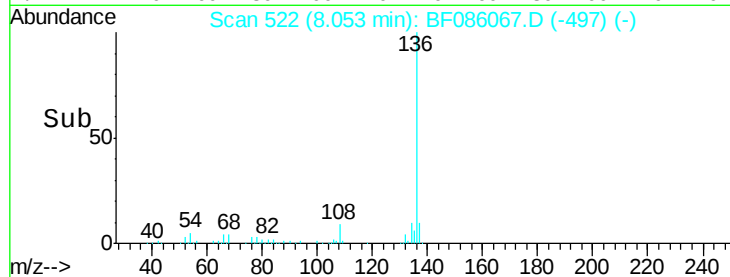
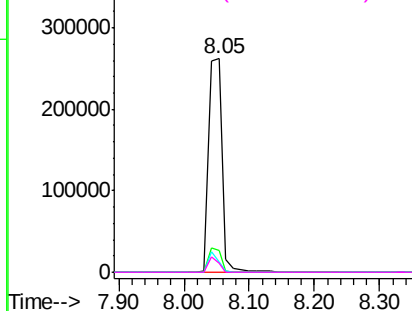
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086067.D
Acq: 5 Apr 2016 6:30

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-10(0.5-2.0)

Tgt Ion:	136	Resp:	382194
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	4.7	7.4	11.0#
68	4.2	5.8	8.8#

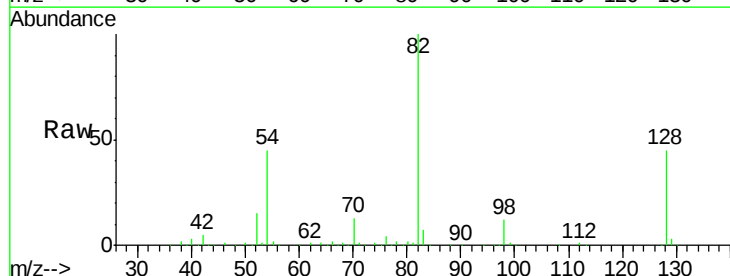


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

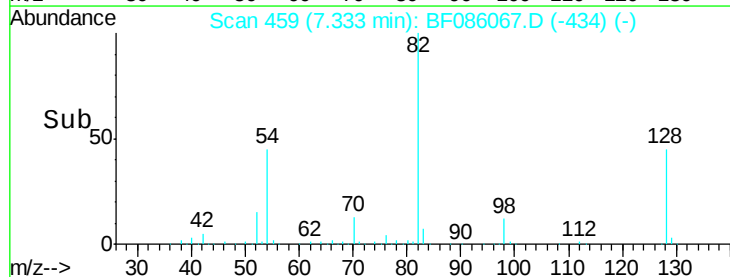
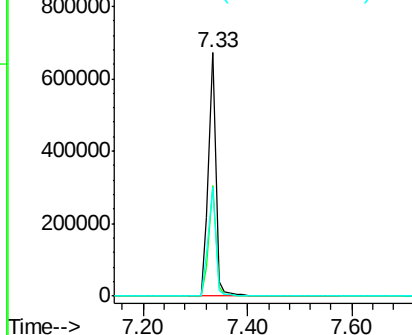


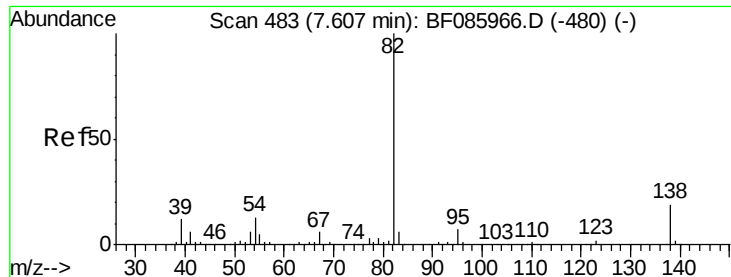
#23
Nitrobenzene-d5
Concen: 102.80 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086067.D
Acq: 5 Apr 2016 6:30

Tgt Ion:	82	Resp:	666225
Ion	Ratio	Lower	Upper
82	100		
128	45.2	41.8	62.8
54	44.8	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: 40.38 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF086067.D

Acq: 5 Apr 2016 6:30

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-10(0.5-2.0)

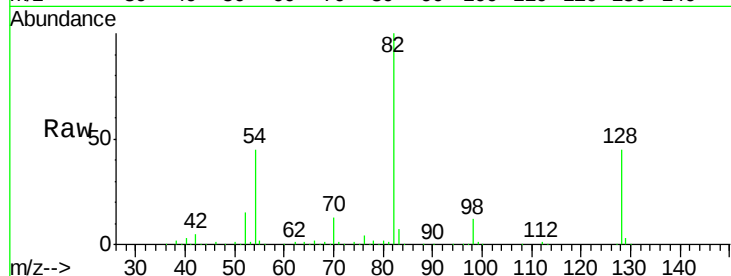
Tgt Ion: 82 Resp: 516633

Ion Ratio Lower Upper

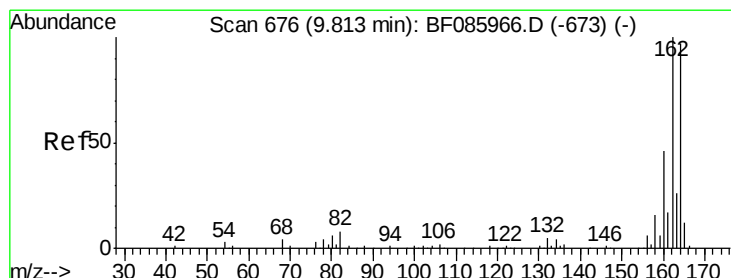
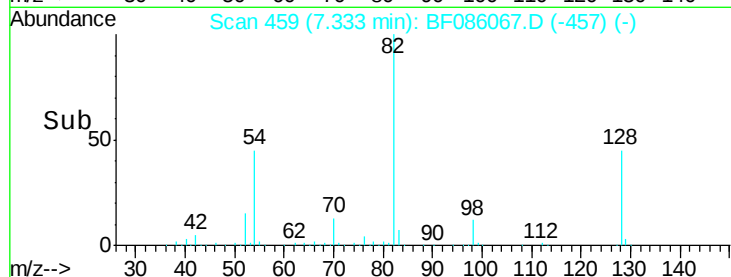
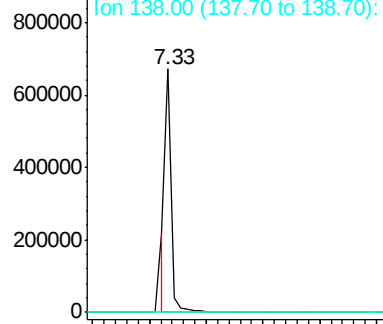
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF086067.D (-457) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086067.D

Acq: 5 Apr 2016 6:30

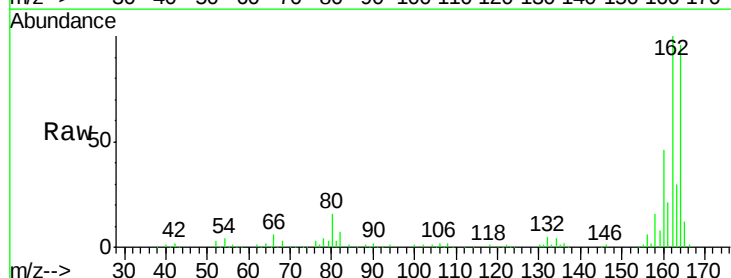
Tgt Ion: 164 Resp: 159383

Ion Ratio Lower Upper

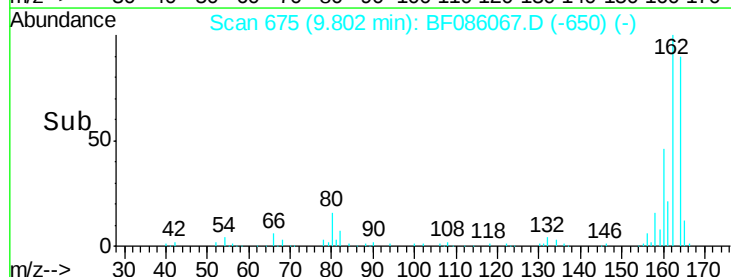
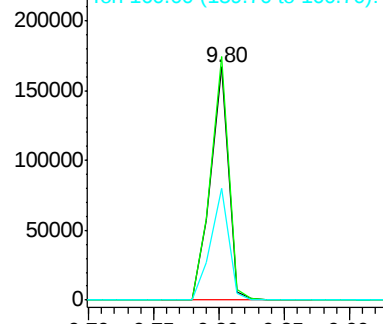
164 100

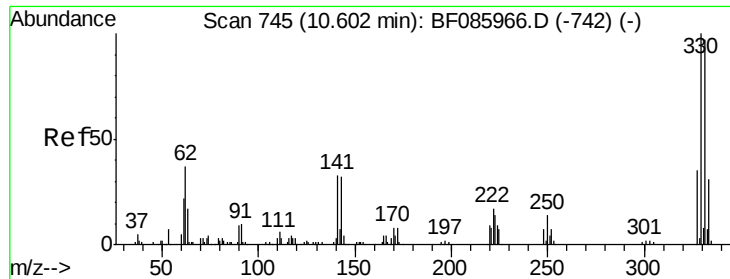
162 104.5 82.1 123.1

160 47.8 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): BF086067.D (-650) (-)

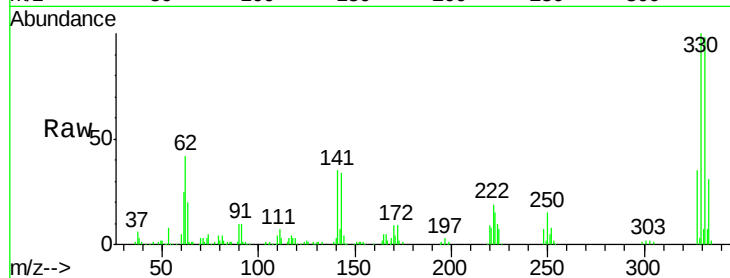




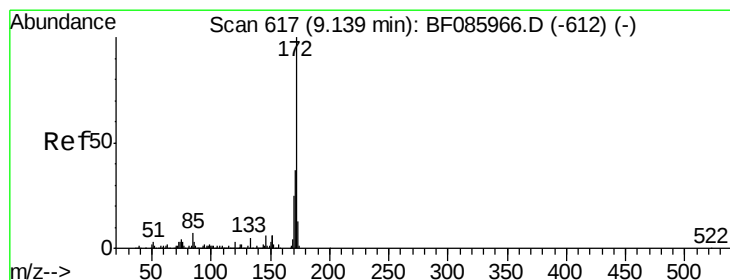
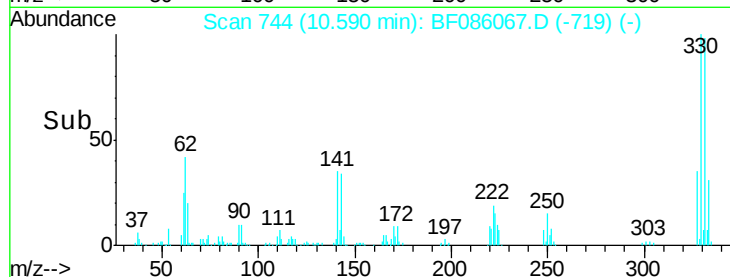
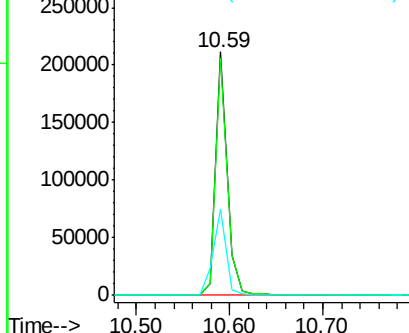
#41
 2,4,6-Tribromophenol
 Concen: 121.49 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086067.D
 Acq: 5 Apr 2016 6:30

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-10(0.5-2.0)

Tgt Ion:330 Resp: 181737
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.2 117.2
 141 40.0 31.5 47.3

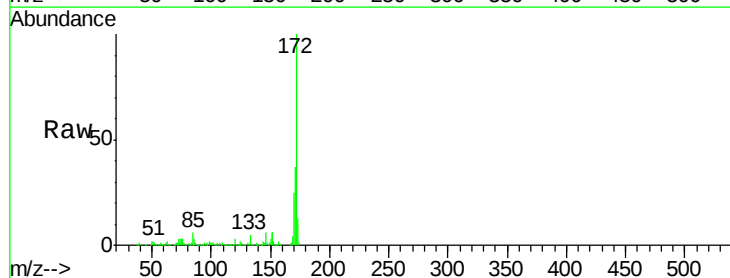


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

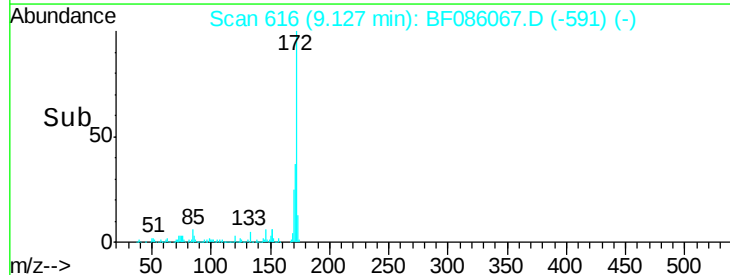
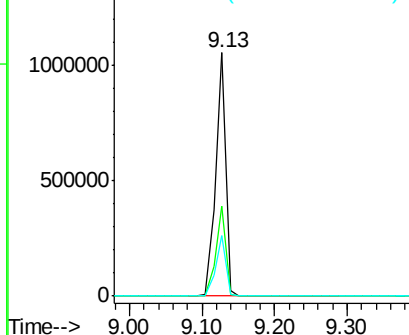


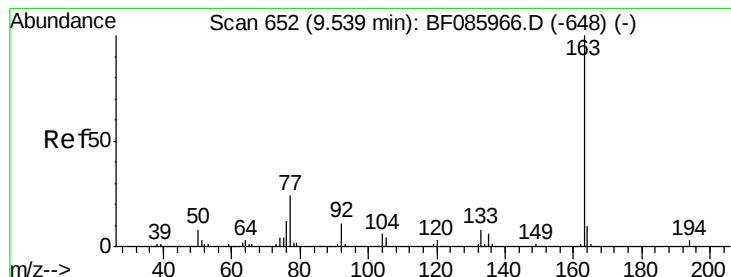
#44
 2-Fluorobiphenyl
 Concen: 105.25 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086067.D
 Acq: 5 Apr 2016 6:30

Tgt Ion:172 Resp: 1008893
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 25.1 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: 11.47 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF086067.D

Acq: 5 Apr 2016 6:30

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-10(0.5-2.0)

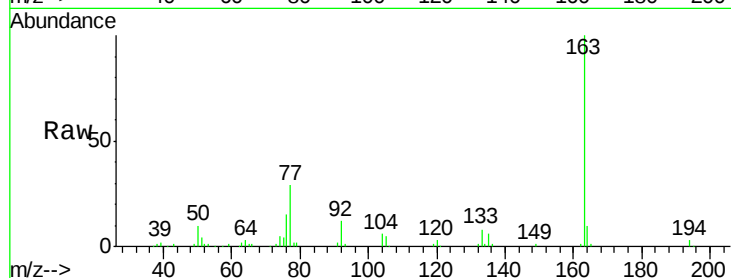
Tgt Ion:163 Resp: 135491

Ion Ratio Lower Upper

163 100

194 2.8 2.9 4.3#

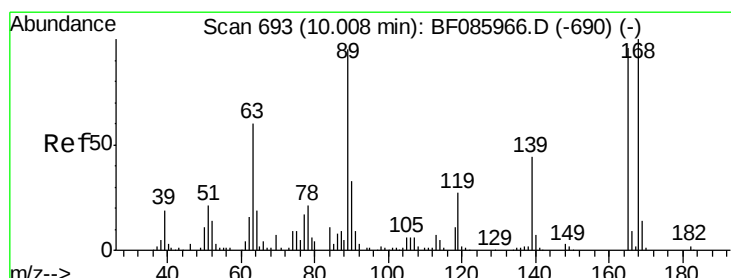
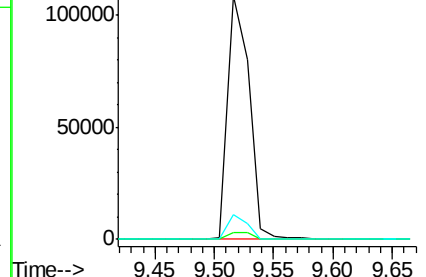
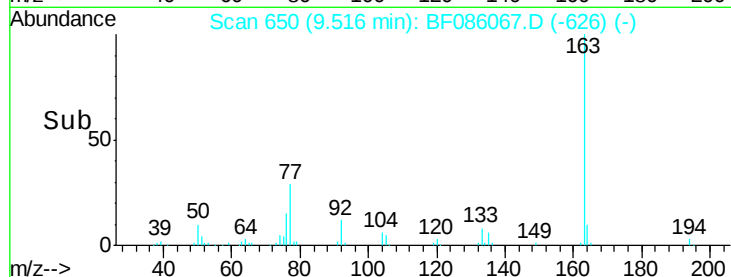
164 10.4 8.3 12.5



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: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086067.D

Acq: 5 Apr 2016 6:30

Tgt Ion:165 Resp: 20354

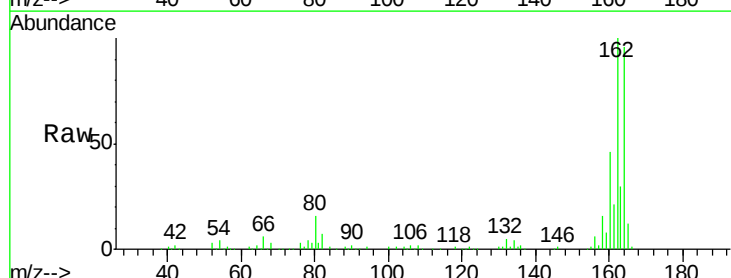
Ion Ratio Lower Upper

165 100

63 1.6 24.9 37.3#

89 1.8 41.0 61.6#

182 0.0 2.1 3.1#

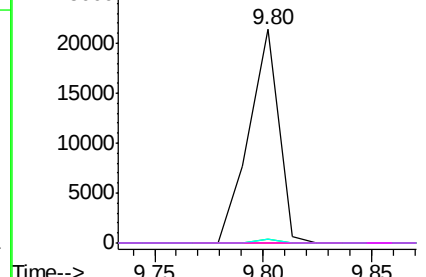
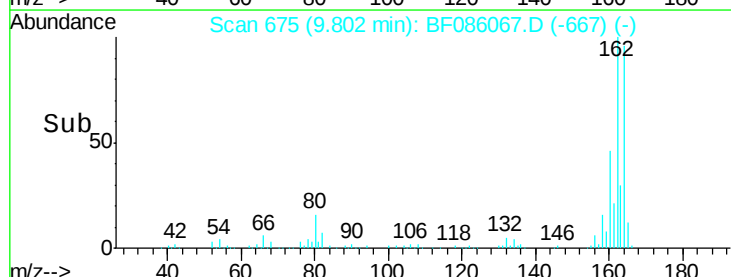


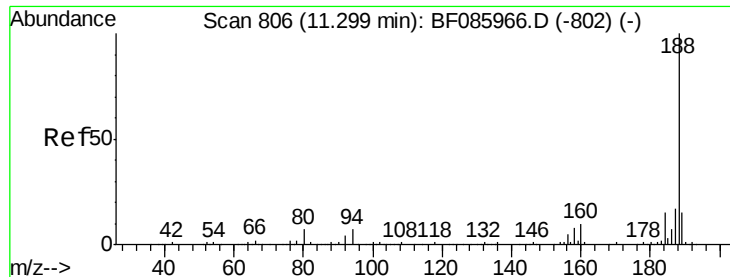
Abundance Ion 165.00 (164.70 to 165.70): E

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

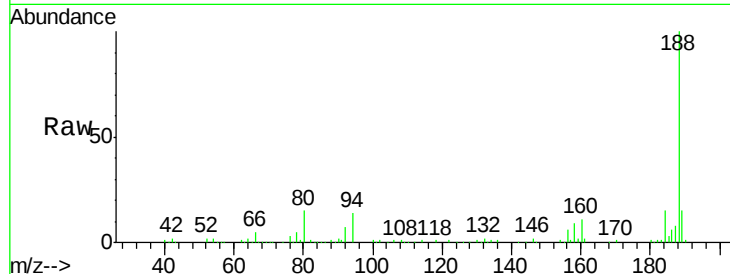




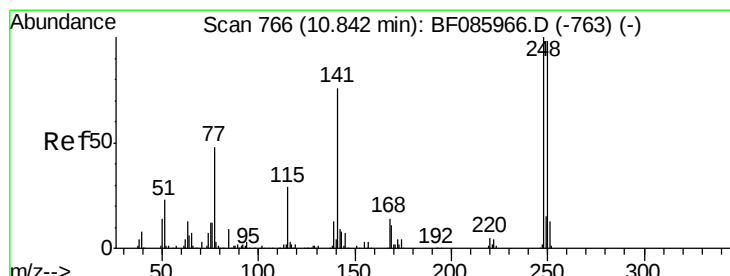
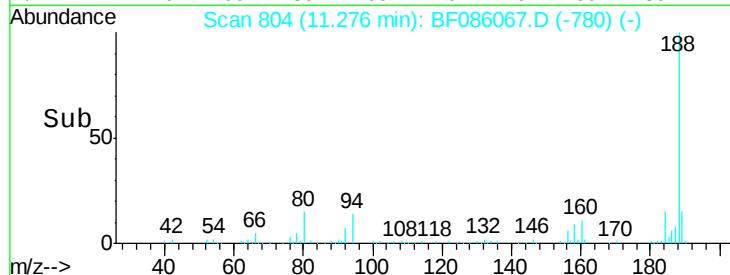
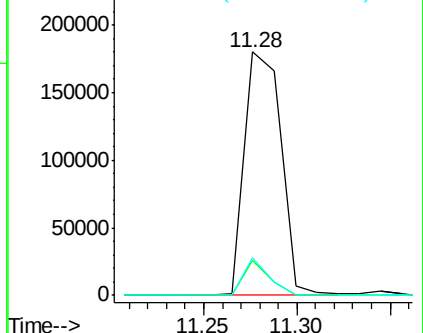
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086067.D
Acq: 5 Apr 2016 6:30

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-10(0.5-2.0)

Tgt Ion:188 Resp: 245208
Ion Ratio Lower Upper
188 100
94 14.2 5.4 8.0#
80 15.2 5.5 8.3#

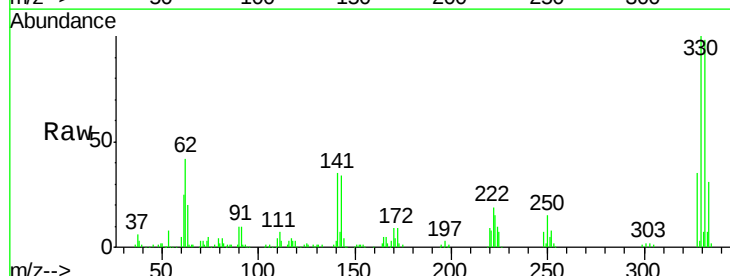


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

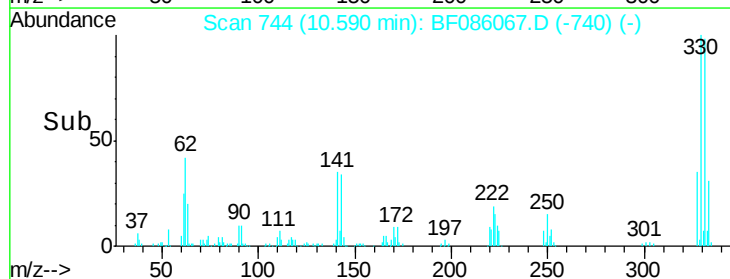
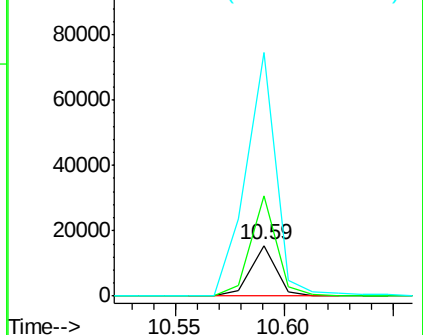


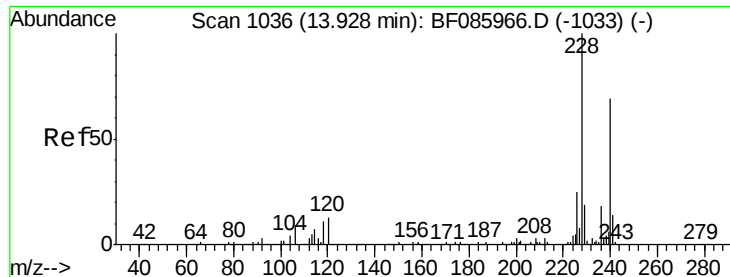
#66
4-Bromophenyl-phenylether
Concen: 5.12 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF086067.D
Acq: 5 Apr 2016 6:30

Tgt Ion:248 Resp: 12814
Ion Ratio Lower Upper
248 100
250 197.5 77.4 116.0#
141 478.0 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: BF086067.D

Acq: 5 Apr 2016 6:30

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-10(0.5-2.0)

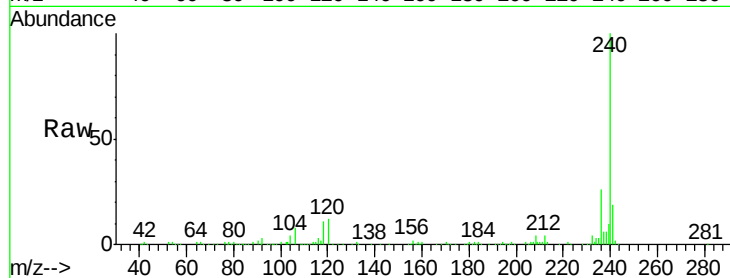
Tgt Ion:240 Resp: 192195

Ion Ratio Lower Upper

240 100

120 12.4 13.8 20.8#

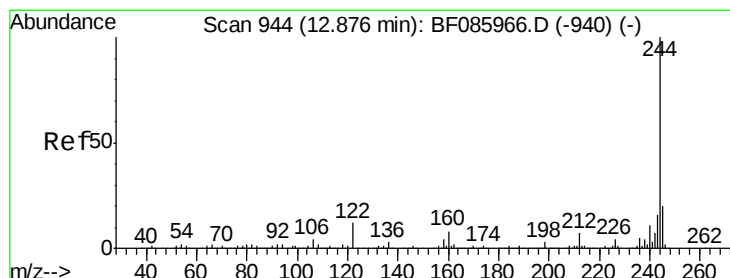
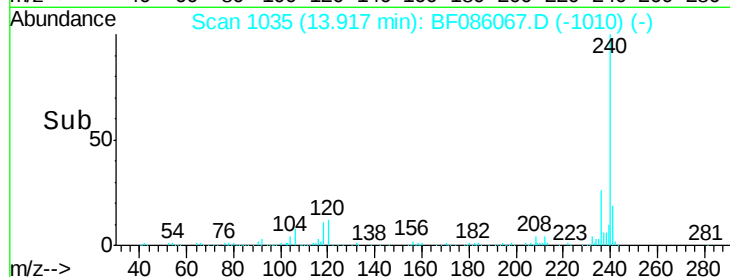
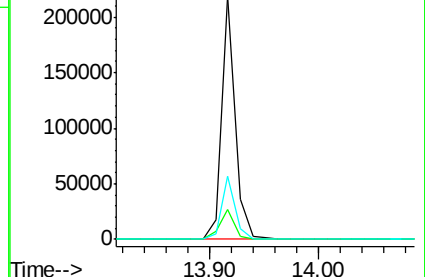
236 26.2 20.6 30.8



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: 79.26 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086067.D

Acq: 5 Apr 2016 6:30

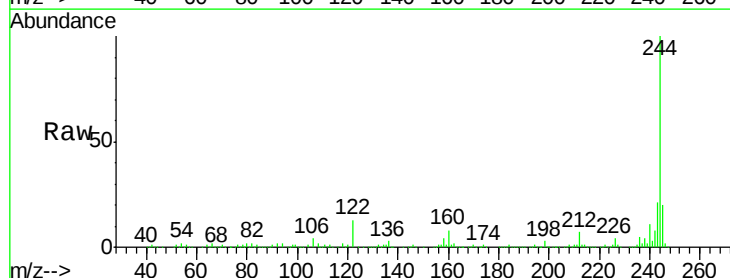
Tgt Ion:244 Resp: 648051

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

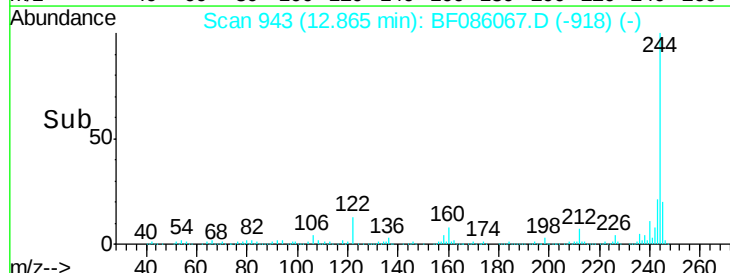
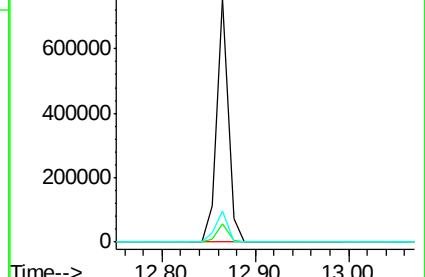
122 12.6 10.2 15.4

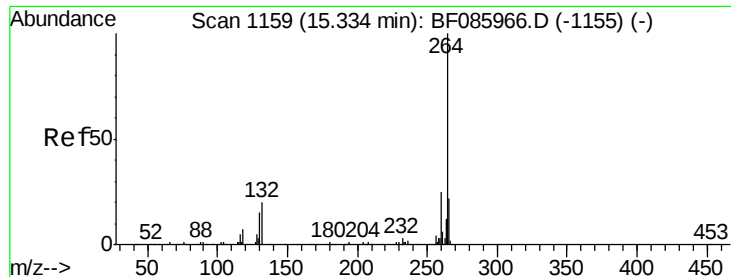


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086067.D
Acq: 5 Apr 2016 6:30

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-10(0.5-2.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.4	17.2	25.8

