

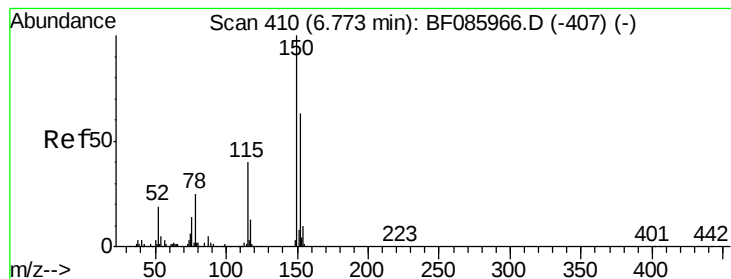
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086196.D
 Acq On : 9 Apr 2016 4:21
 Operator : UM/SJ
 Sample : H2346-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)

Quant Time: Apr 09 05:31:27 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	6.73	152	112106	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	408008	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	167516	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	265749	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	225614	20.00	ng	-0.05
86) Perylene-d12	15.28	264	179554	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	882892	134.62	ng	-0.03
7) Phenol-d6	6.38	99	1100036	132.05	ng	-0.03
23) Nitrobenzene-d5	7.30	82	606838	87.71	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	178369	113.45	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	963241	95.61	ng	-0.05
78) Terphenyl-d14	12.83	244	675952	70.43	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.50	77	16882	3.77	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.30	70	79023	15.30	ng	# 77
25) Isophorone	7.30	82	606829	44.43	ng	# 68
49) Dimethylphthalate	9.49	163	114606	9.23	ng	97
56) 2,4-Dinitrotoluene	9.77	165	20260	6.10	ng	# 37
66) 4-Bromophenyl-phenylether	10.56	248	12239	4.51	ng	# 1
76) Benzydine	12.59	184	56264	7.07	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086196.D

Acq: 9 Apr 2016 4:21

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)

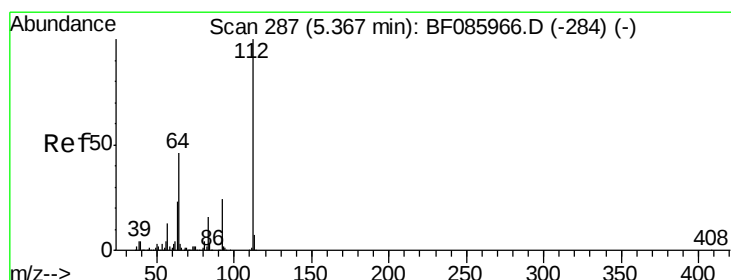
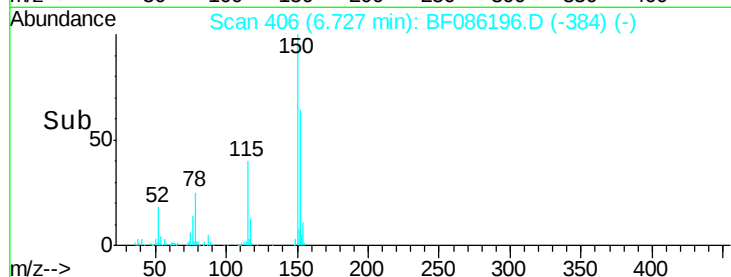
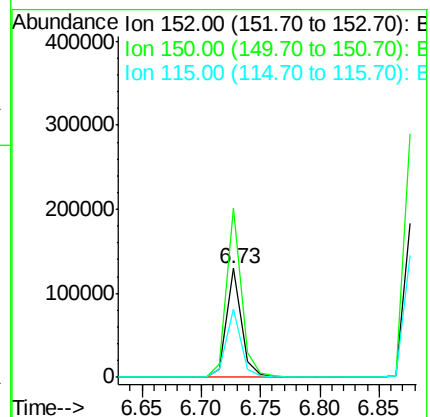
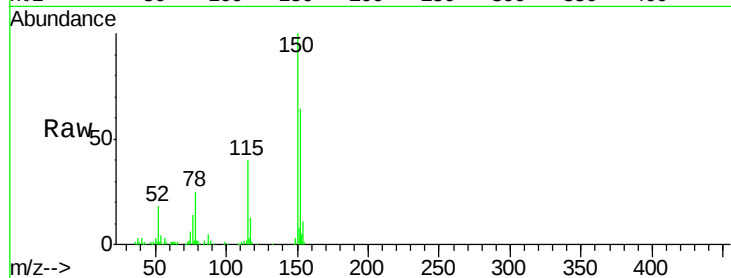
Tgt Ion:152 Resp: 112106

Ion Ratio Lower Upper

152 100

150 155.8 124.2 186.2

115 63.0 47.0 70.6



#5

2-Fluorophenol

Concen: 134.62 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086196.D

Acq: 9 Apr 2016 4:21

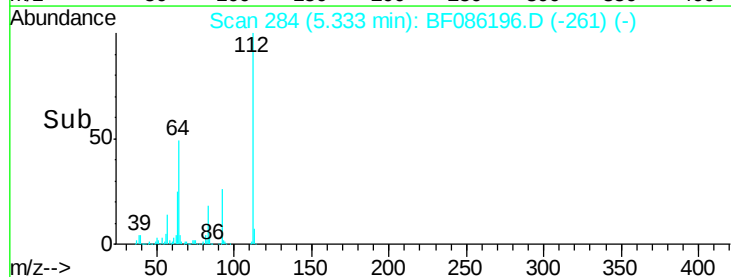
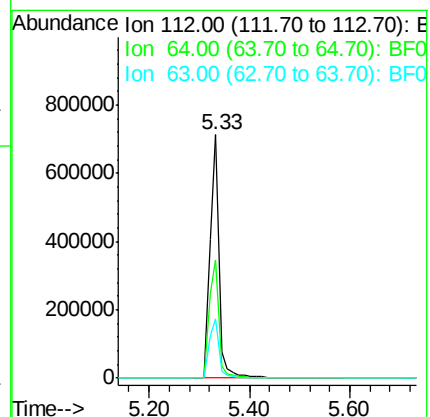
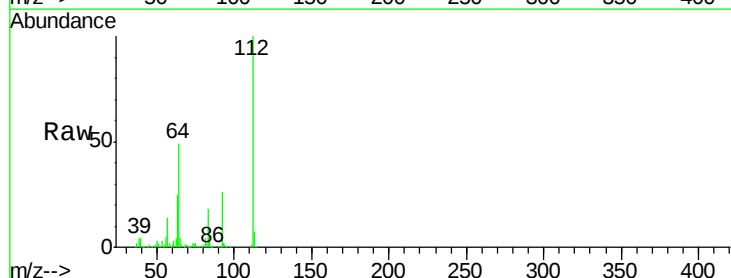
Tgt Ion:112 Resp: 882892

Ion Ratio Lower Upper

112 100

64 48.5 39.9 59.9

63 24.5 20.2 30.2





#7

Phenol-d6

Concen: 132.05 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086196.D

Acq: 9 Apr 2016 4:21

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)

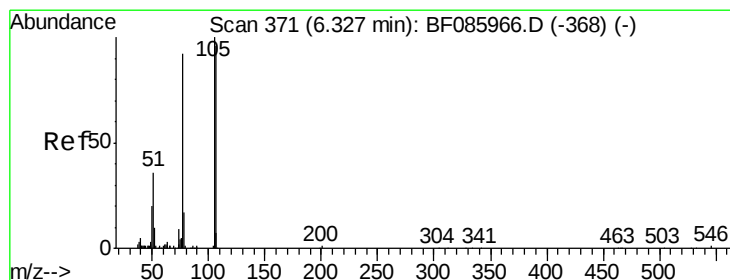
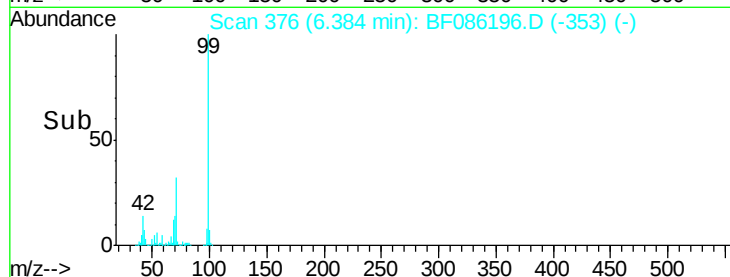
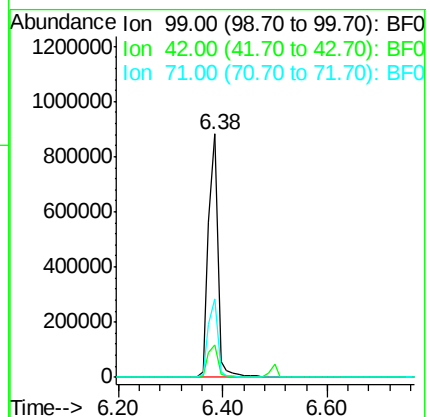
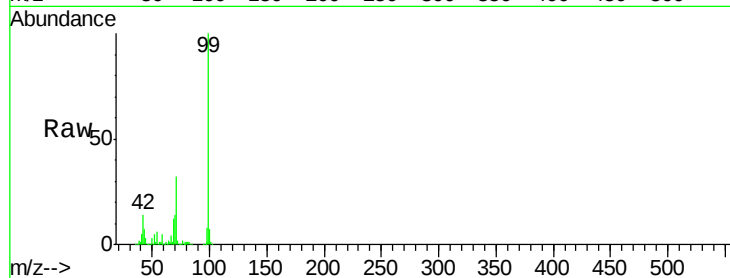
Tgt Ion: 99 Resp: 1100036

Ion Ratio Lower Upper

99 100

42 13.5 11.1 16.7

71 32.0 24.9 37.3



#9

Benzaldehyde

Concen: 3.77 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.17 min

Lab File: BF086196.D

Acq: 9 Apr 2016 4:21

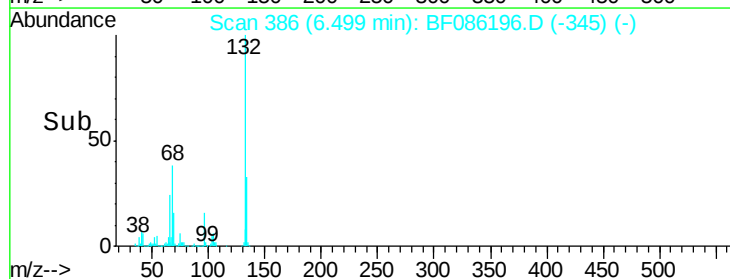
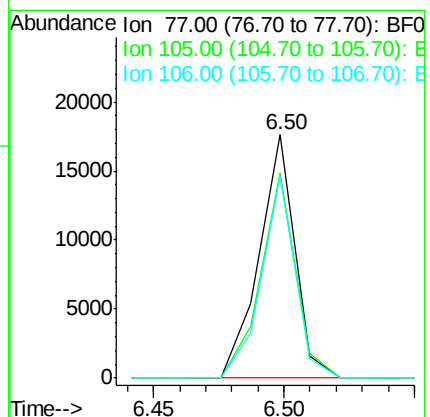
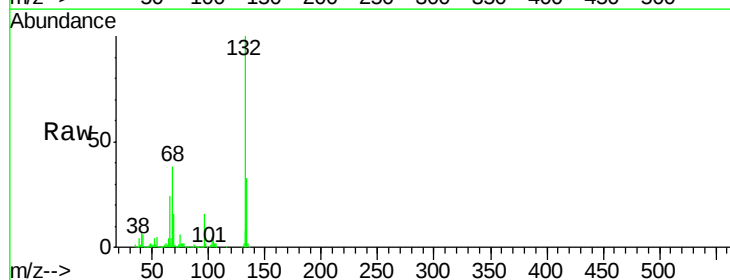
Tgt Ion: 77 Resp: 16882

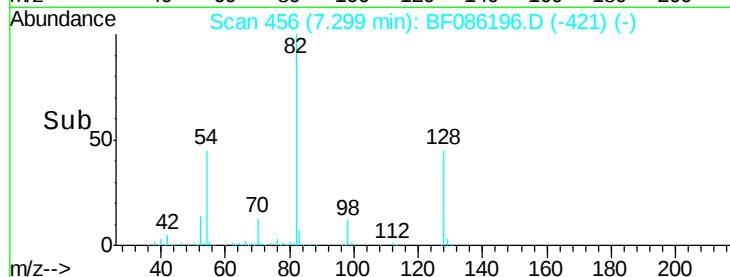
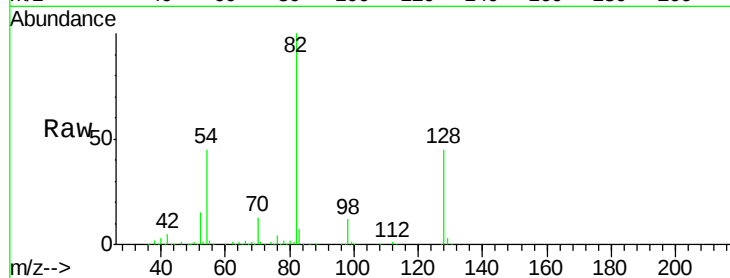
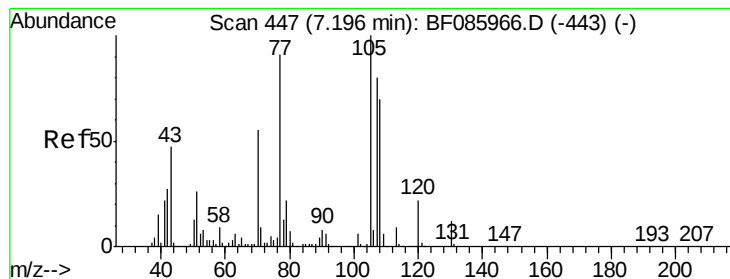
Ion Ratio Lower Upper

77 100

105 84.3 80.1 120.1

106 83.3 75.0 115.0





#19

n-Nitroso-di-n-propylamine

Concen: 15.30 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.10 min

Lab File: BF086196.D

Acq: 9 Apr 2016 4:21

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)

Tgt Ion: 70 Resp: 79023

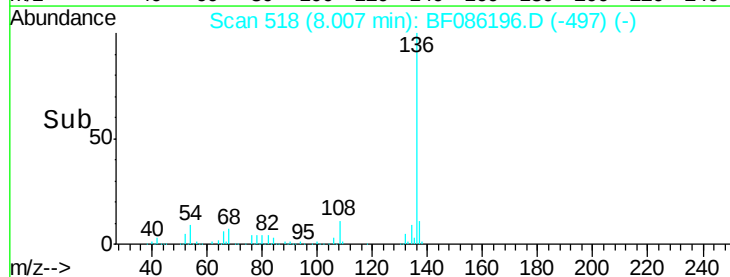
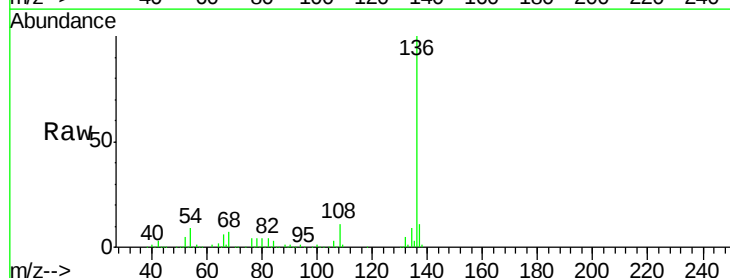
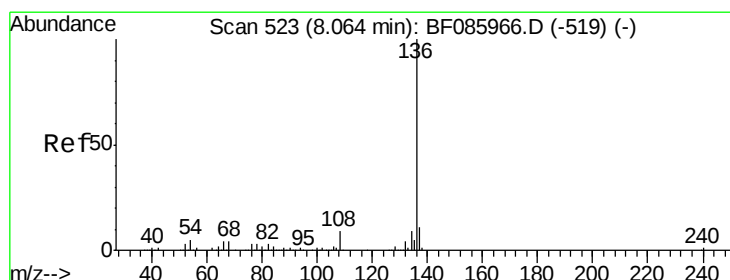
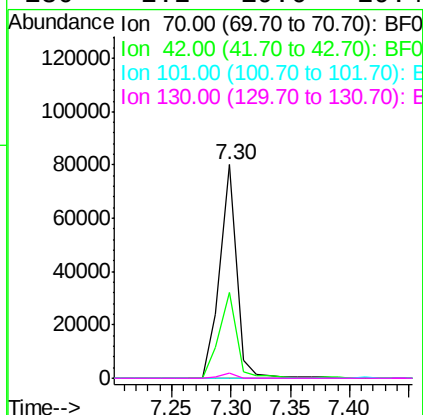
Ion Ratio Lower Upper

70 100

42 40.2 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: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086196.D

Acq: 9 Apr 2016 4:21

Tgt Ion: 136 Resp: 408008

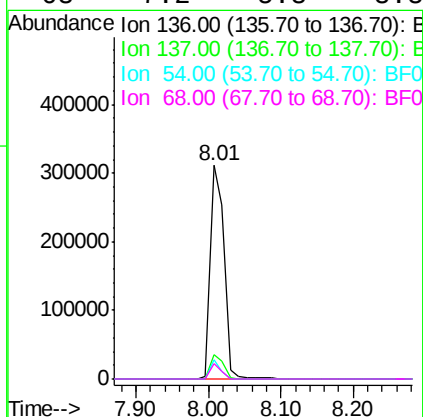
Ion Ratio Lower Upper

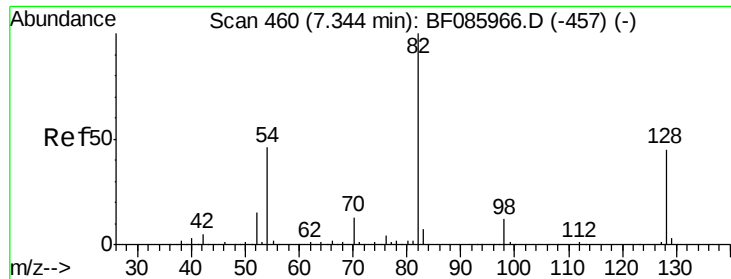
136 100

137 11.3 9.1 13.7

54 9.1 7.4 11.0

68 7.2 5.8 8.8

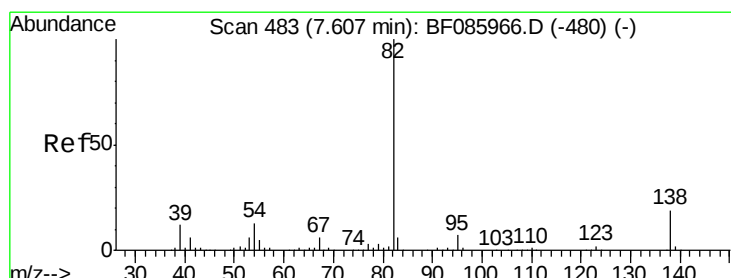
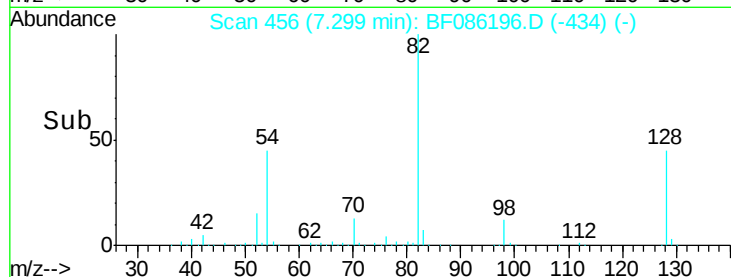
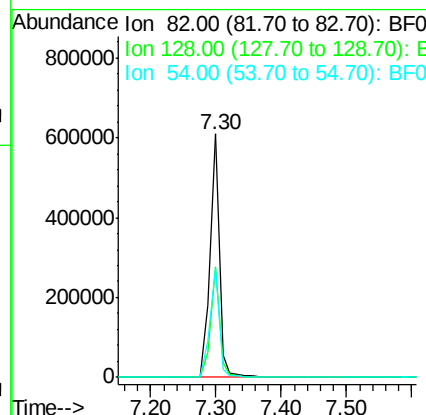
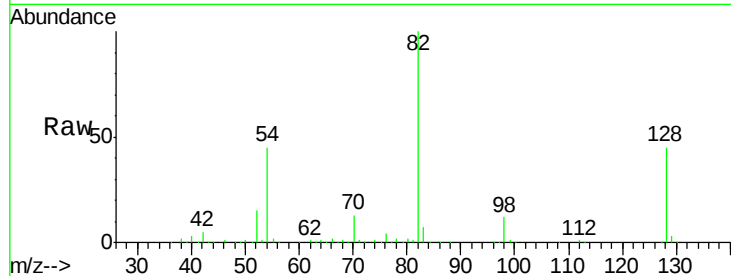




#23
 Nitrobenzene-d5
 Concen: 87.71 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086196.D
 Acq: 9 Apr 2016 4:21

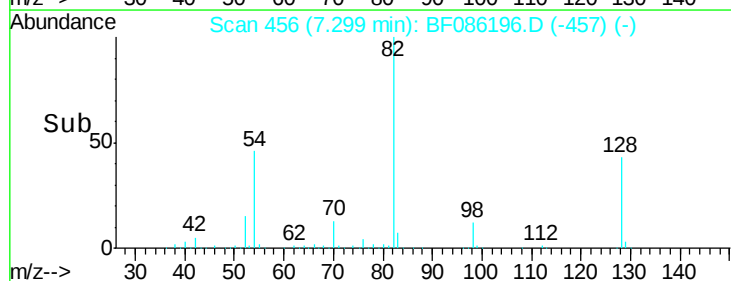
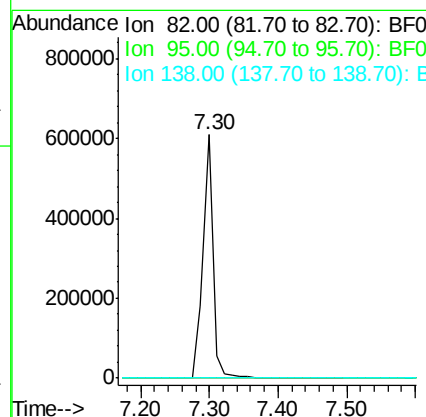
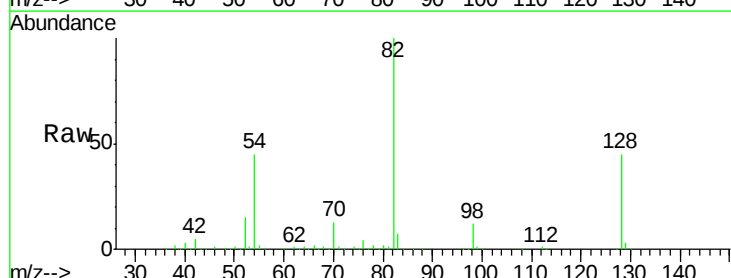
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)

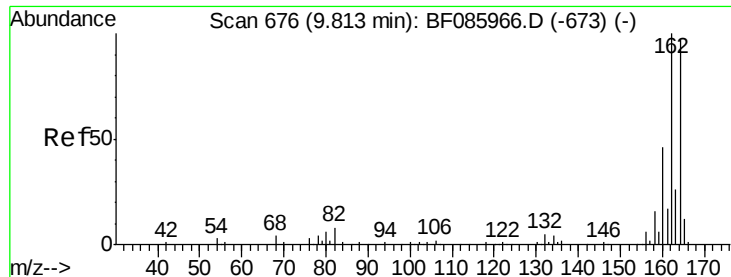
Tgt Ion: 82 Resp: 606838
 Ion Ratio Lower Upper
 82 100
 128 45.4 41.8 62.8
 54 45.0 33.4 50.0



#25
 Isophorone
 Concen: 44.43 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.31 min
 Lab File: BF086196.D
 Acq: 9 Apr 2016 4:21

Tgt Ion: 82 Resp: 606829
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF086196.D

Acq: 9 Apr 2016 4:21

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)

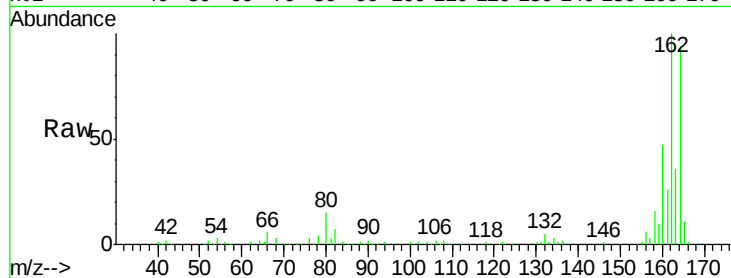
Tgt Ion:164 Resp: 167516

Ion Ratio Lower Upper

164 100

162 106.2 82.1 123.1

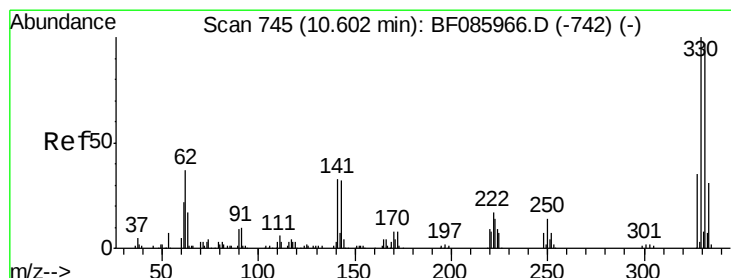
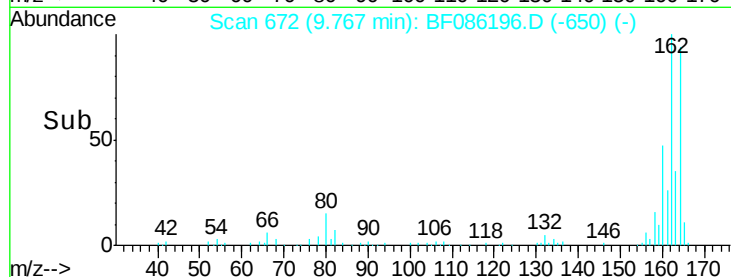
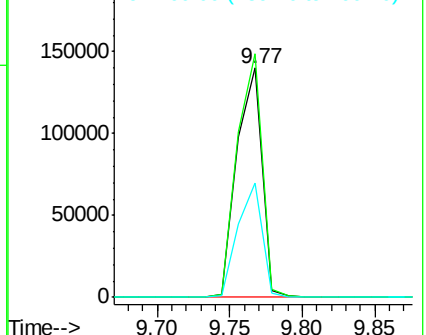
160 49.7 37.4 56.2



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: 113.45 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.05 min

Lab File: BF086196.D

Acq: 9 Apr 2016 4:21

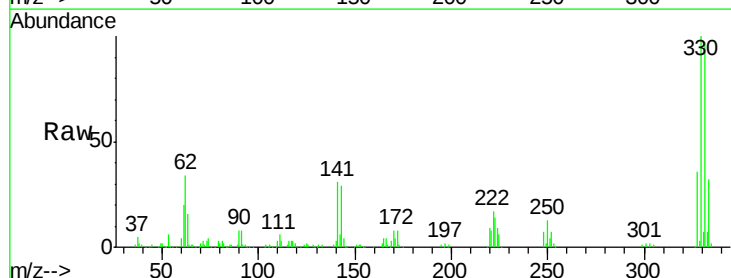
Tgt Ion:330 Resp: 178369

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

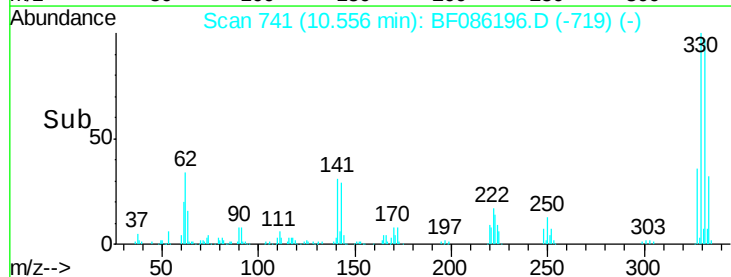
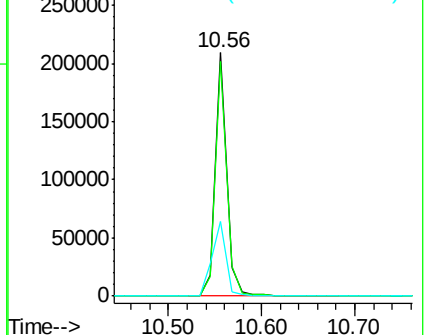
141 38.1 31.5 47.3

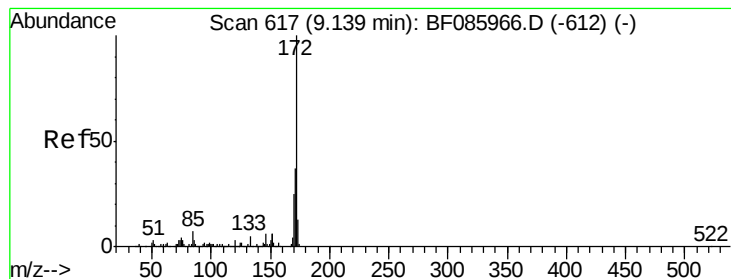


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

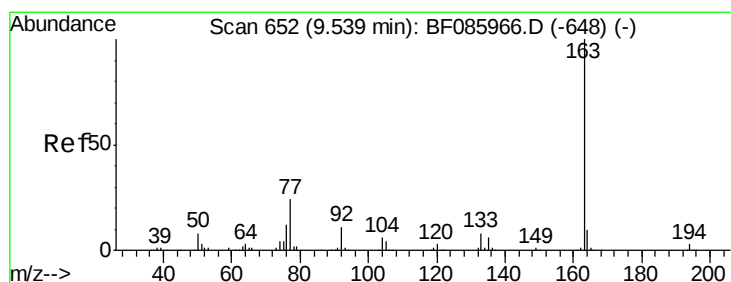
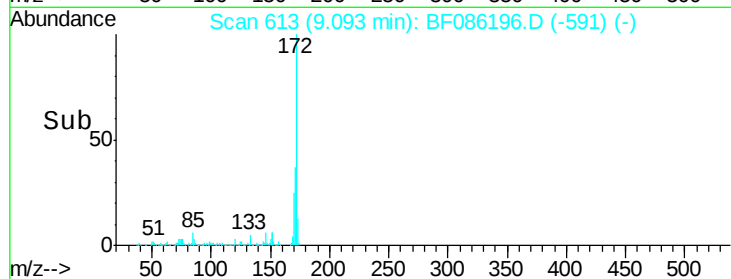
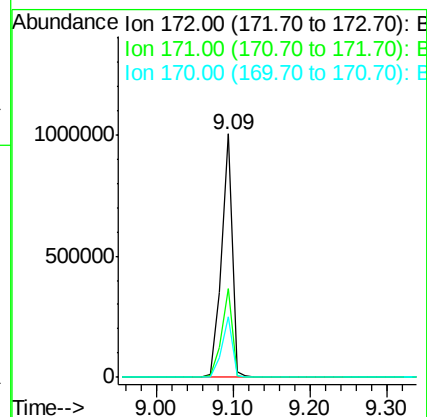
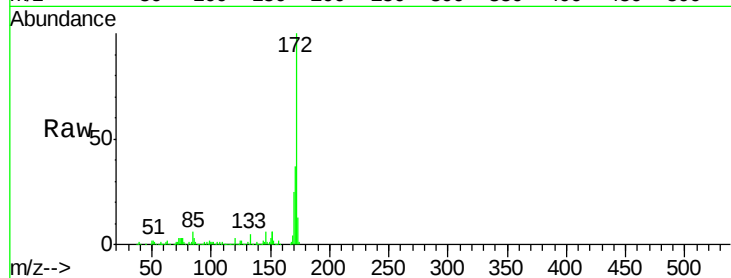




#44
2-Fluorobiphenyl
Concen: 95.61 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086196.D
Acq: 9 Apr 2016 4:21

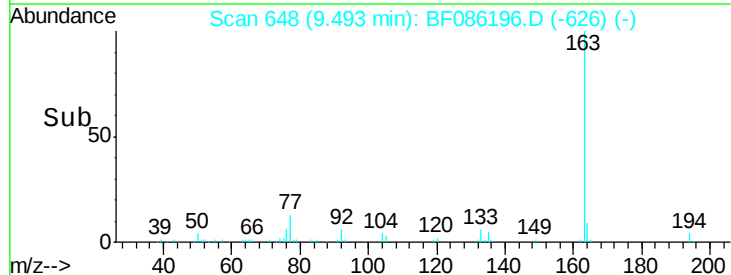
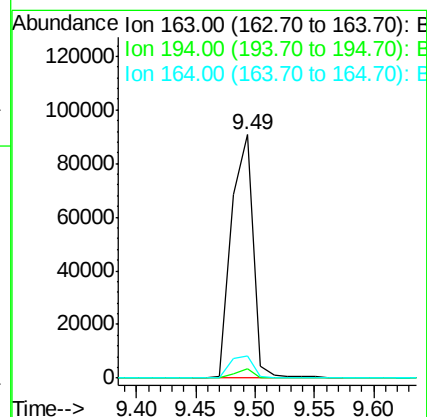
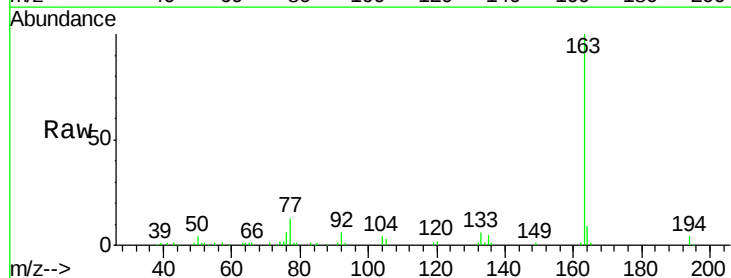
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)

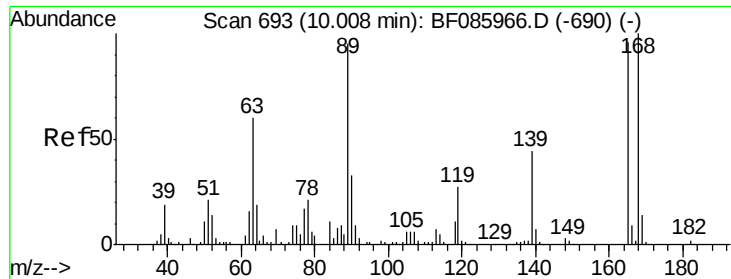
Tgt Ion:172 Resp: 963241
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.2
170 24.6 19.8 29.6



#49
Dimethylphthalate
Concen: 9.23 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086196.D
Acq: 9 Apr 2016 4:21

Tgt Ion:163 Resp: 114606
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 9.2 8.3 12.5

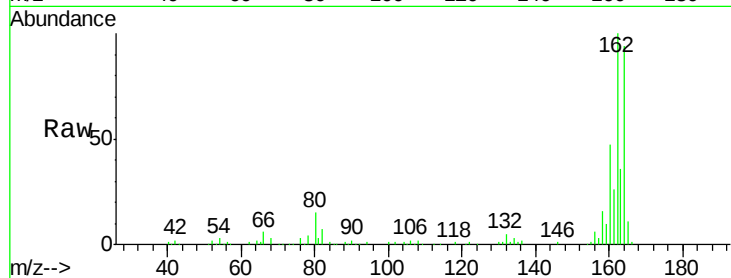




#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.24 min
Lab File: BF086196.D
Acq: 9 Apr 2016 4:21

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)

Tgt Ion:	165	Resp:	20260
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	2.6	41.0	61.6#
182	0.0	2.1	3.1#

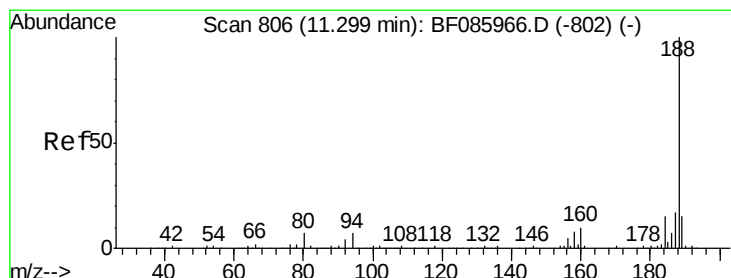
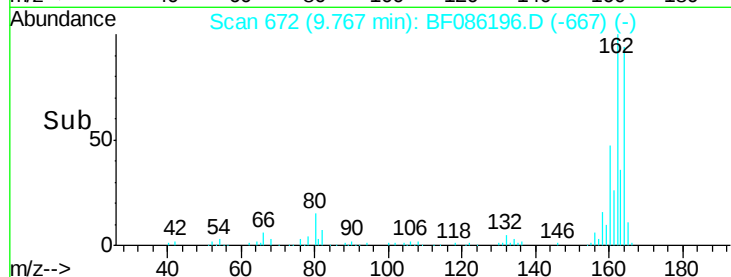
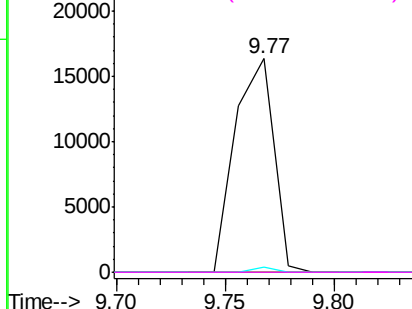


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

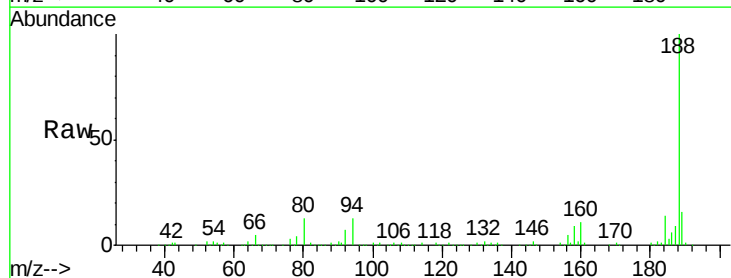
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086196.D
Acq: 9 Apr 2016 4:21

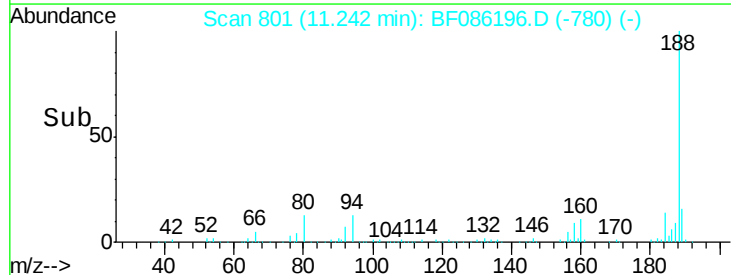
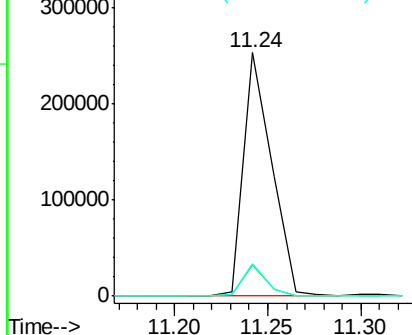
Tgt Ion:	188	Resp:	265749
Ion	Ratio	Lower	Upper
188	100		
94	12.6	5.4	8.0#
80	13.4	5.5	8.3#

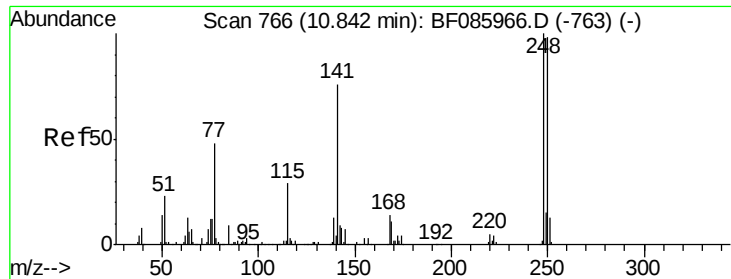


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

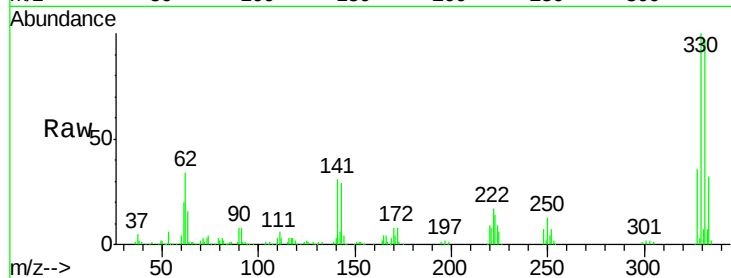




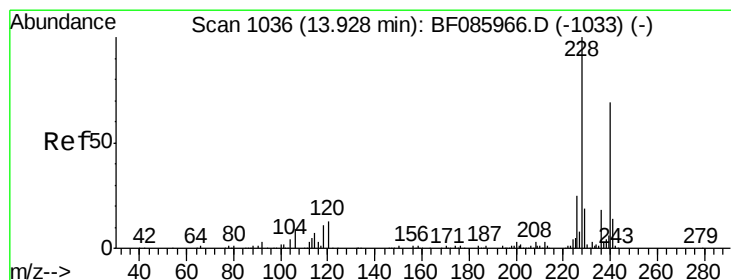
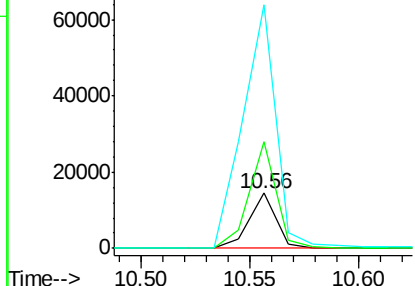
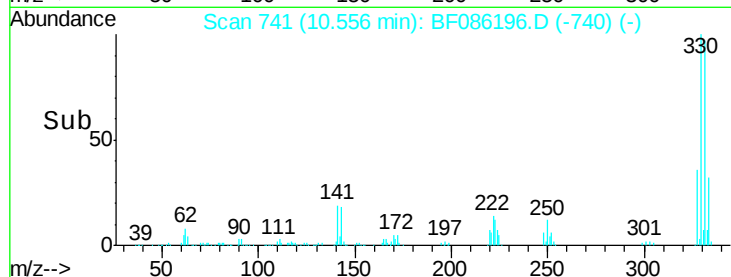
#66
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.29 min
Lab File: BF086196.D
Acq: 9 Apr 2016 4:21

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)

Tgt Ion:248 Resp: 12239
Ion Ratio Lower Upper
248 100
250 192.7 77.4 116.0#
141 439.6 63.6 95.4#

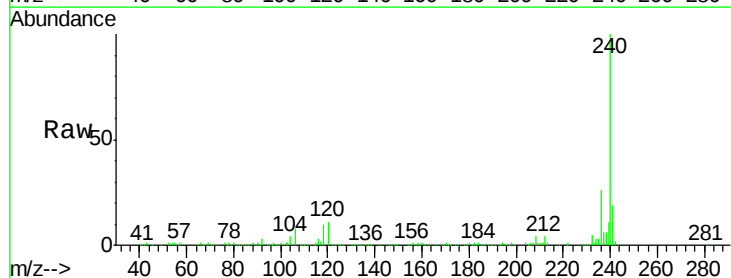


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

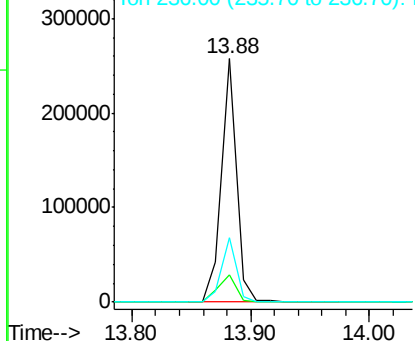
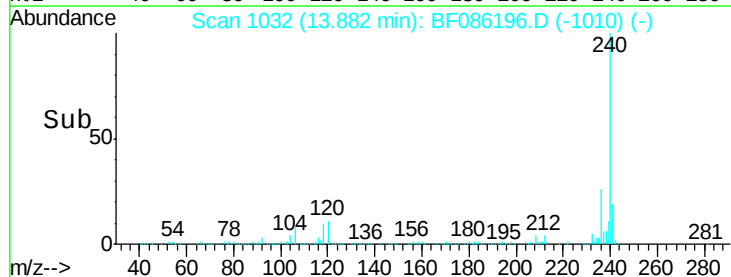


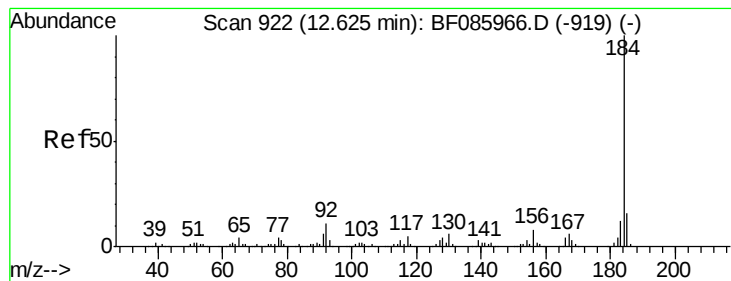
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF086196.D
Acq: 9 Apr 2016 4:21

Tgt Ion:240 Resp: 225614
Ion Ratio Lower Upper
240 100
120 11.2 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





#76

Benzidine

Concen: 7.07 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086196.D

Acq: 9 Apr 2016 4:21

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)

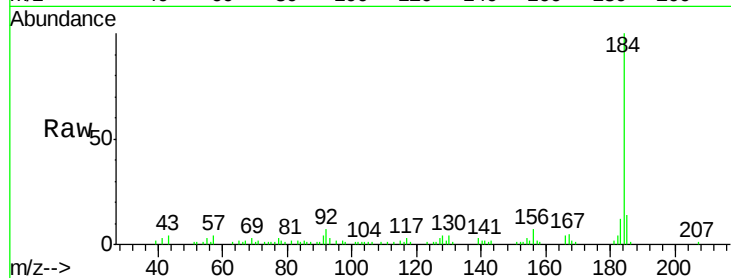
Tgt Ion:184 Resp: 56264

Ion Ratio Lower Upper

184 100

185 13.7 12.4 18.6

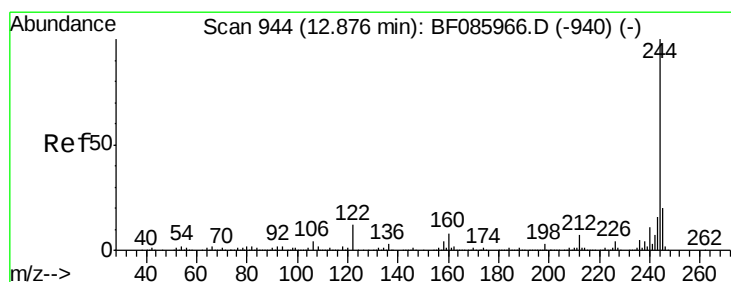
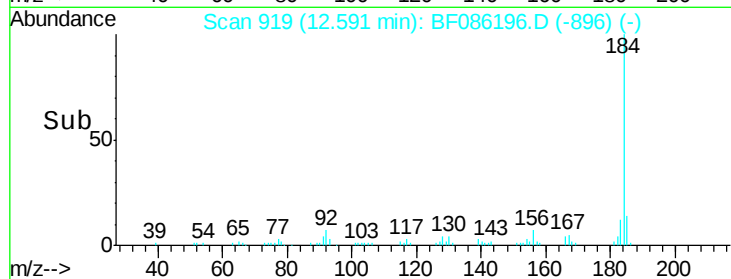
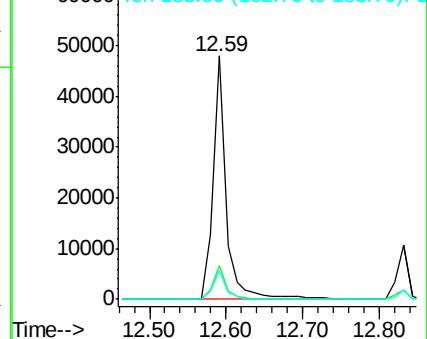
183 11.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 70.43 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086196.D

Acq: 9 Apr 2016 4:21

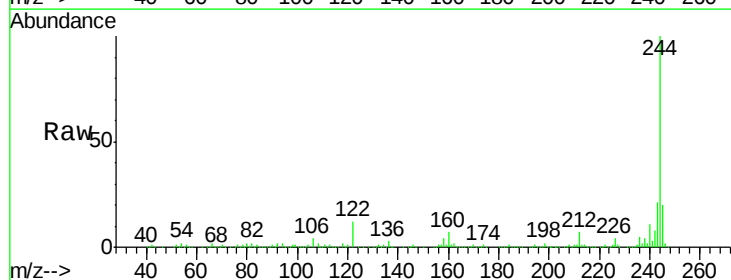
Tgt Ion:244 Resp: 675952

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

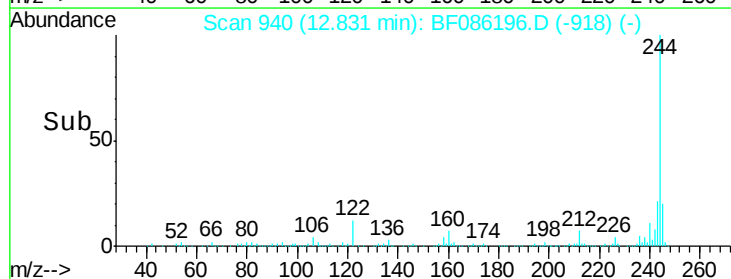
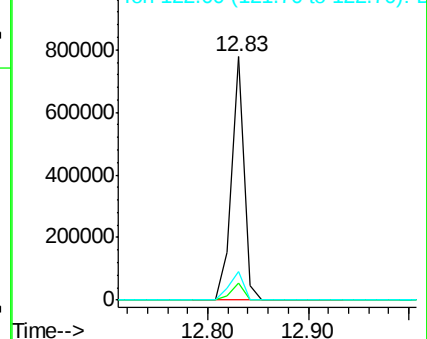
122 11.6 10.2 15.4

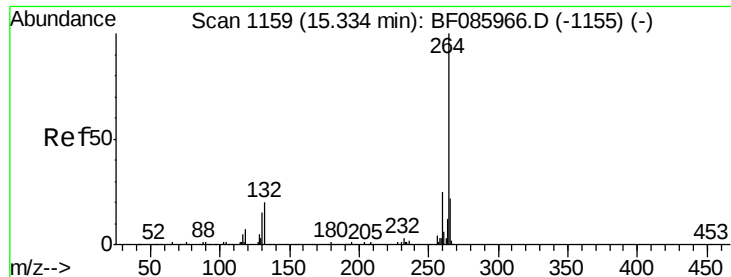


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086196.D
Acq: 9 Apr 2016 4:21

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)

Tgt Ion: 264 Resp: 179554
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.9 17.2 25.8

