

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 06:19:49 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

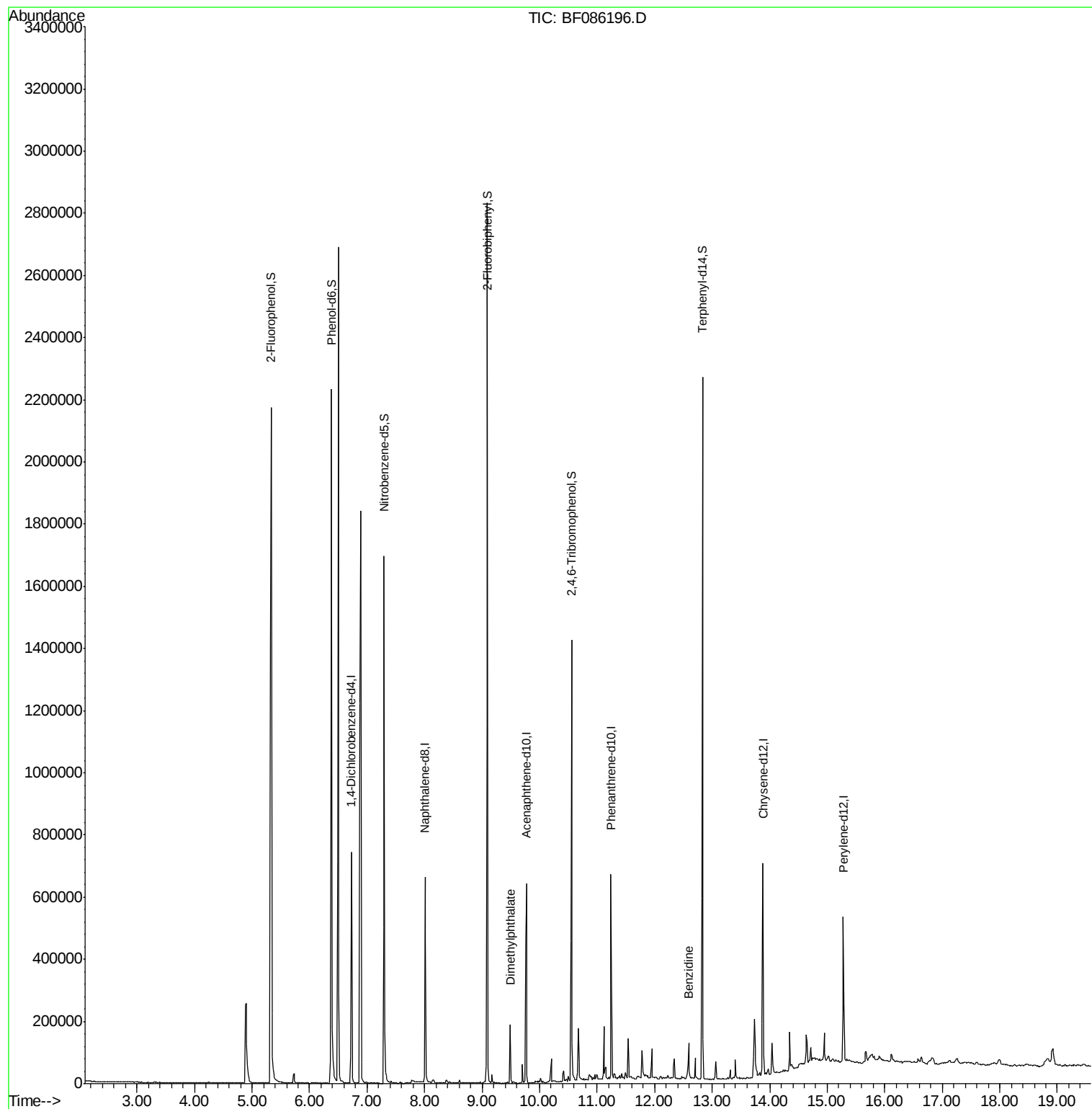
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	112106	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	408008	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	167516	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	265749	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	225614	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						Qvalue
49) Dimethylphthalate	9.49	163	114606	9.23	ng	97
76) Benzidine	12.59	184	56264	7.07	ng	97

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

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#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)

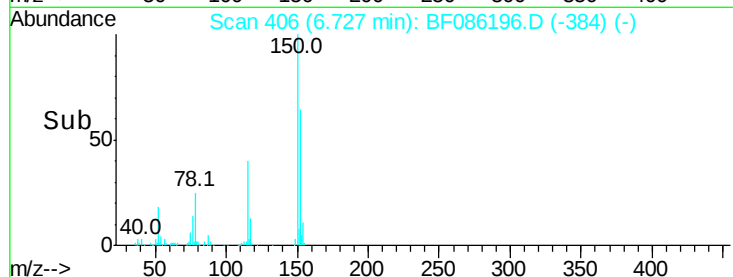
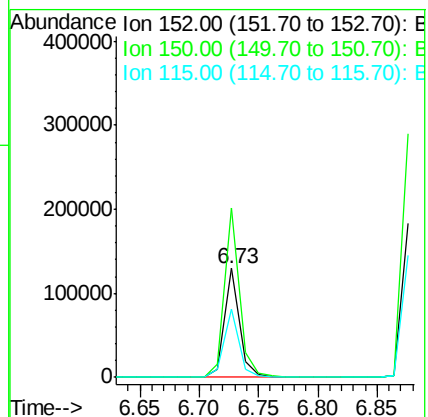
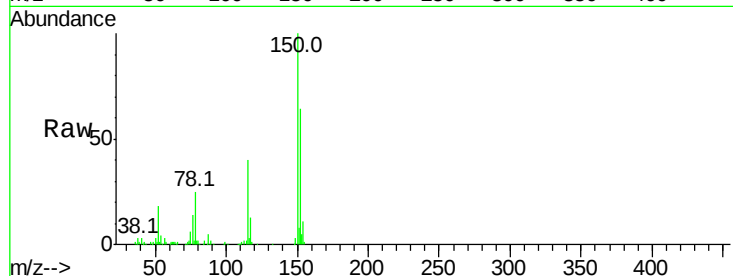
Tot Ion:152 Resp: 112106

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

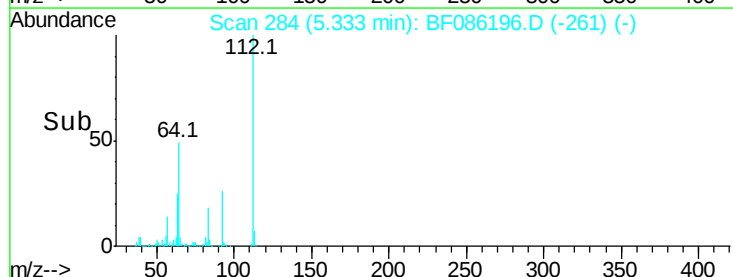
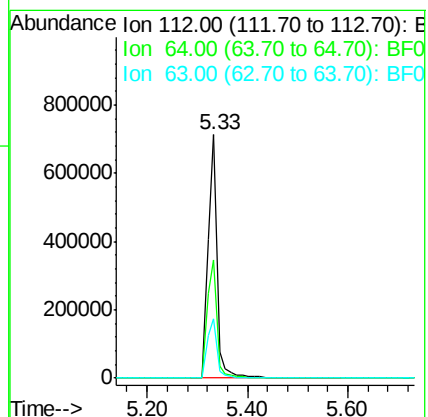
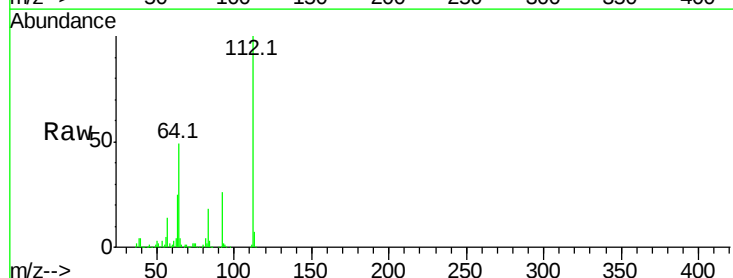
Tgt Ion:112 Resp: 882892

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)

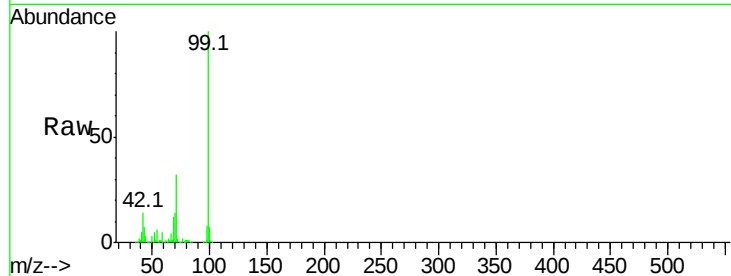
Tot Ion: 99 Resp: 1100036

Ion Ratio Lower Upper

99 100

42 13.5 11.1 16.7

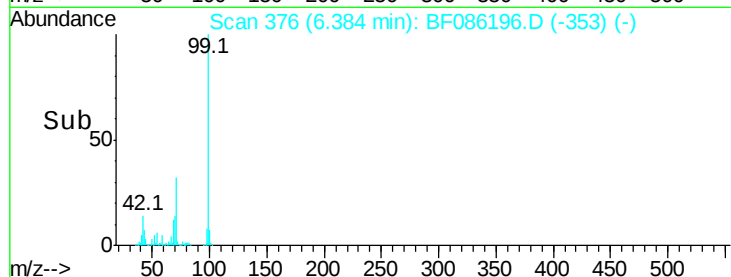
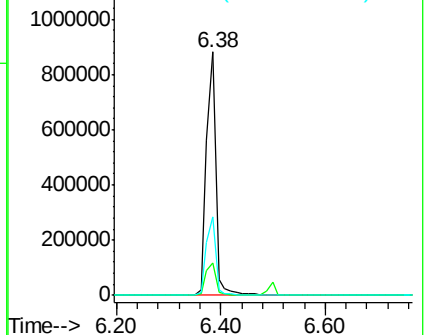
71 32.0 24.9 37.3



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



#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

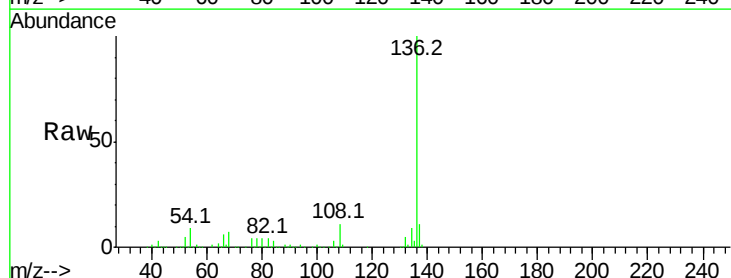
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.1 7.4 11.0

68 7.2 5.8 8.8

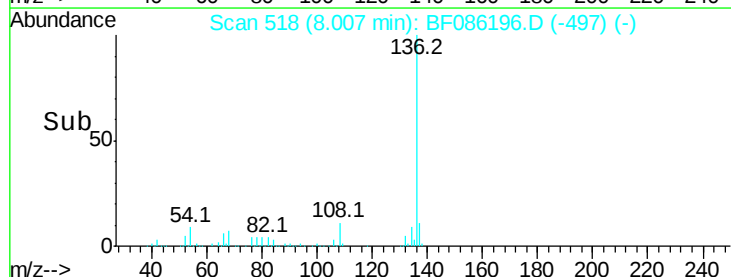
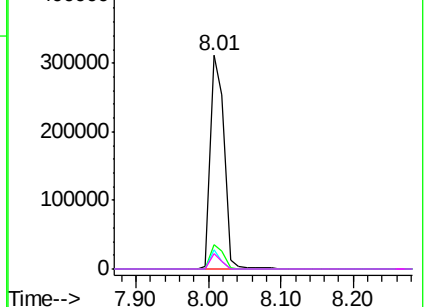


Abundance Ion 136.00 (135.70 to 136.70): E

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

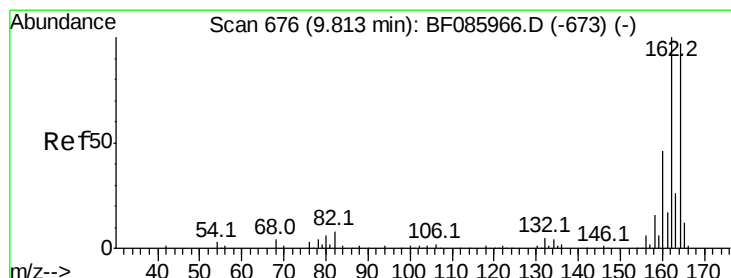
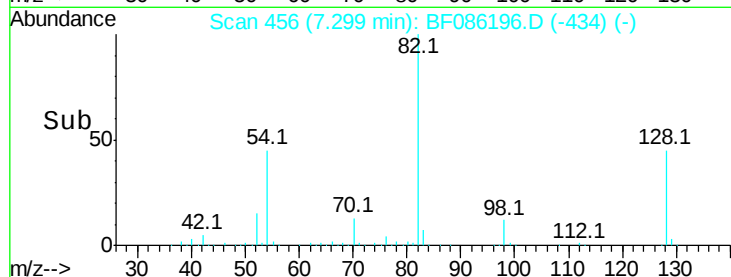
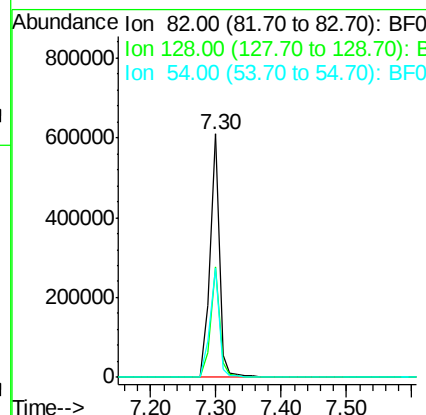
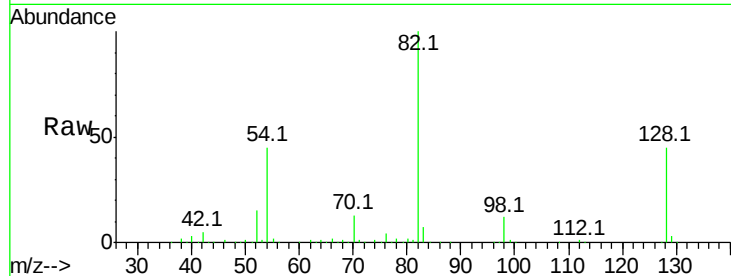




#23
 Nitrobenzene-d5
 Concen: 87.71 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086196.D
 Acq: 9 Apr 2016 4:21

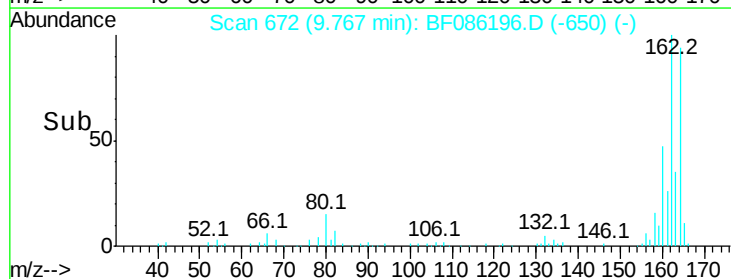
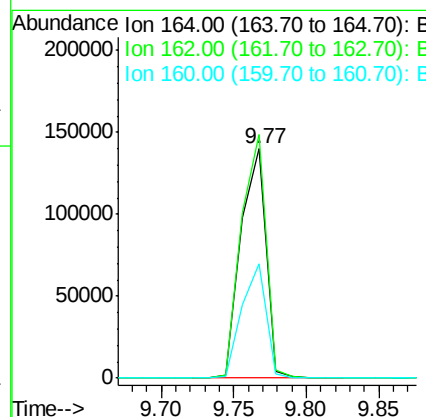
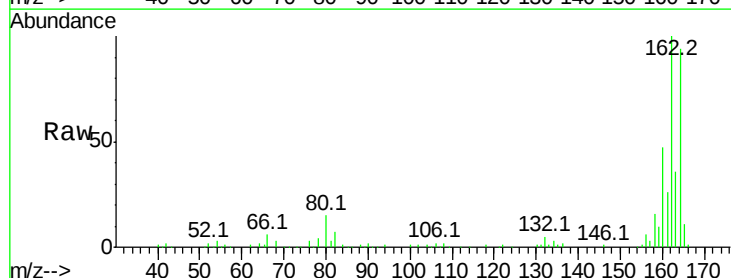
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)

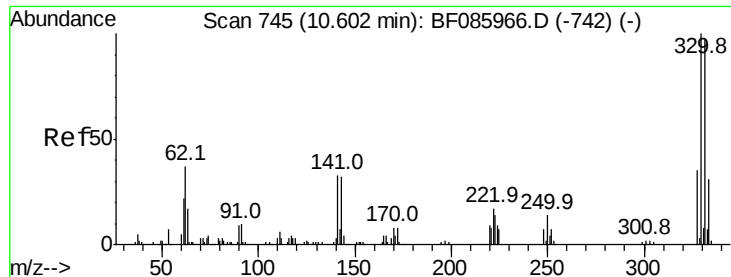
Tot Ion: 82 Resp: 606838
 Ion Ratio Lower Upper
 82 100
 128 45.4 41.8 62.8
 54 45.0 33.4 50.0



#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

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

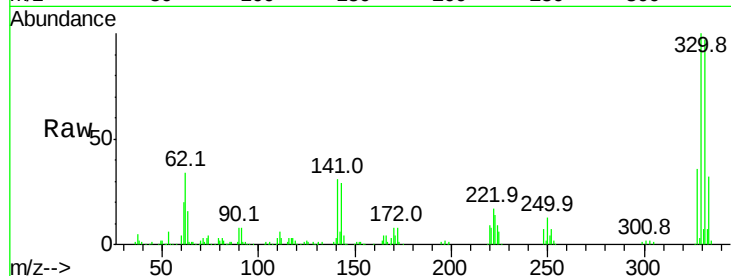




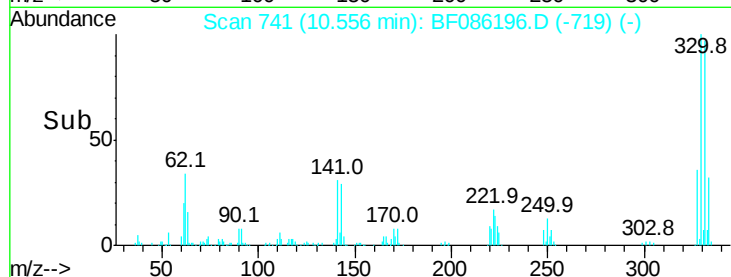
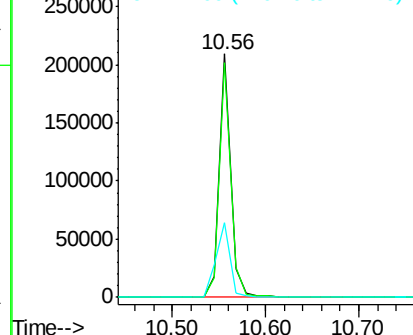
#41
 2,4,6-Tribromophenol
 Concen: 113.45 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086196.D
 Acq: 9 Apr 2016 4:21

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

Tot Ion:330 Resp: 178369
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.2 117.2
 141 38.1 31.5 47.3

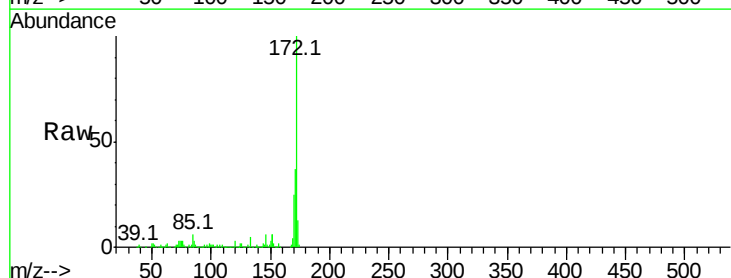


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

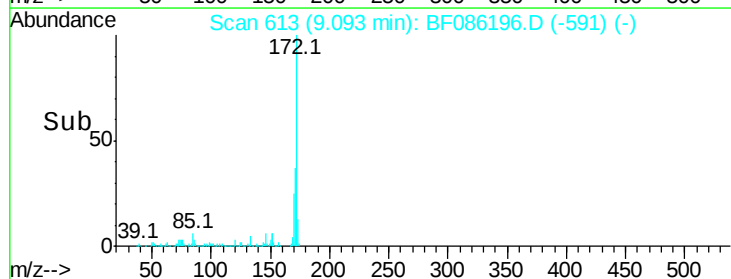
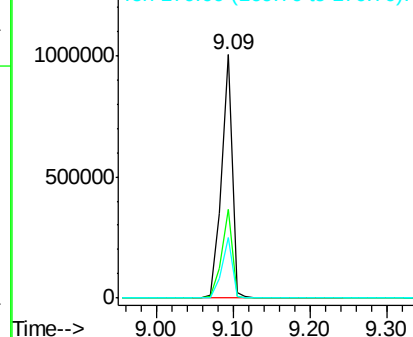


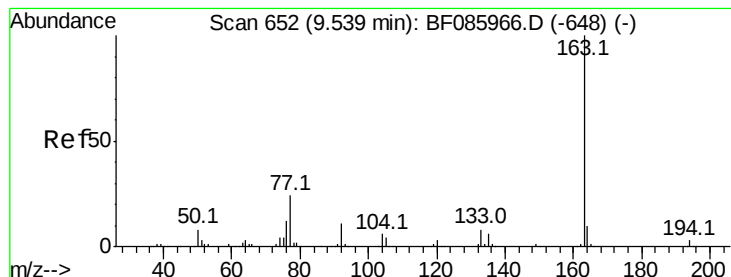
#44
 2-Fluorobiphenyl
 Concen: 95.61 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086196.D
 Acq: 9 Apr 2016 4:21

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



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: 9.49 min Scan# 648

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)

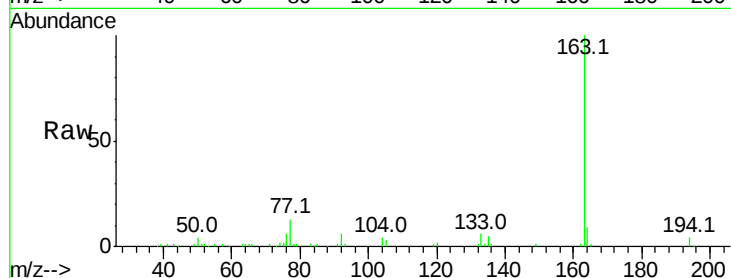
Tot Ion:163 Resp: 114606

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

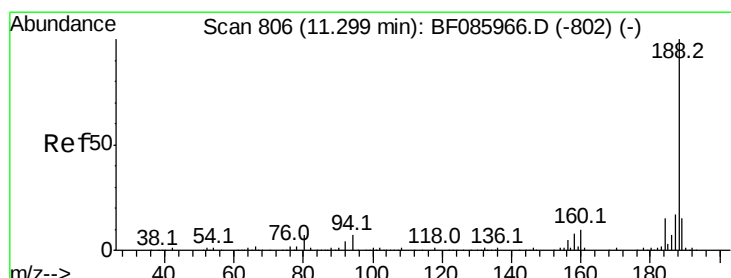
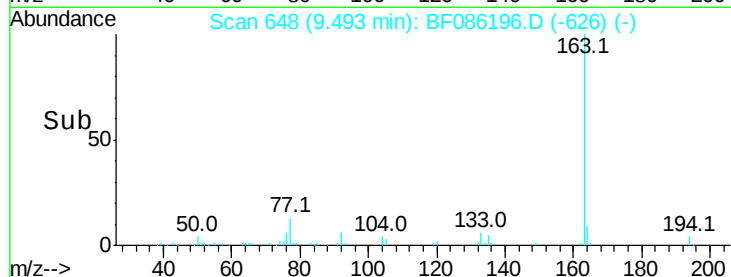
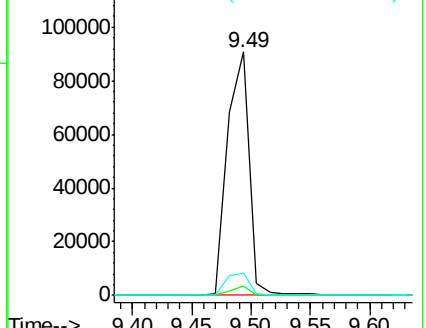
164 9.2 8.3 12.5



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



#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

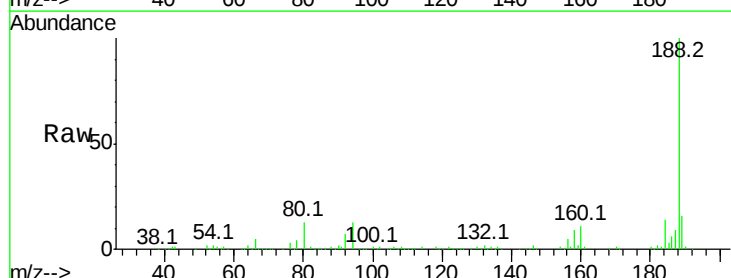
Tgt Ion:188 Resp: 265749

Ion Ratio Lower Upper

188 100

94 12.6 5.4 8.0#

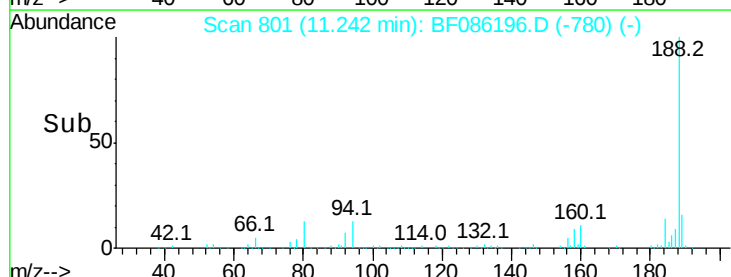
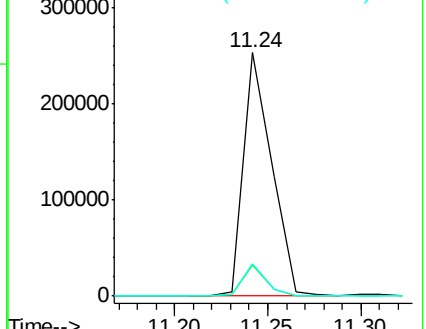
80 13.4 5.5 8.3#

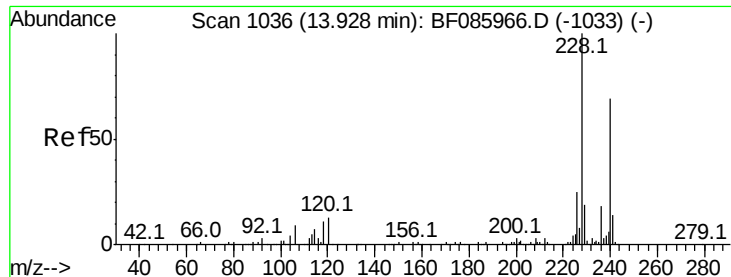


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-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

Instrument :

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ClientSampleId :

AMBOY-SB-36(0.5-20.0)

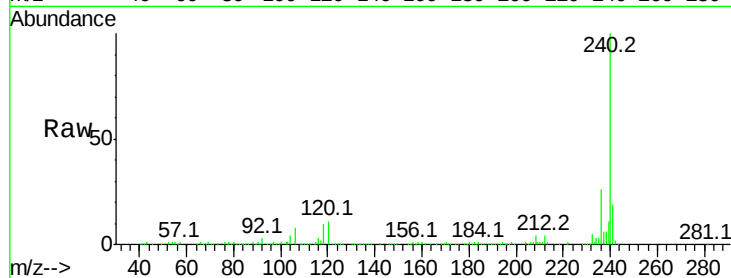
Tot Ion:240 Resp: 225614

Ion Ratio Lower Upper

240 100

120 11.2 13.8 20.8#

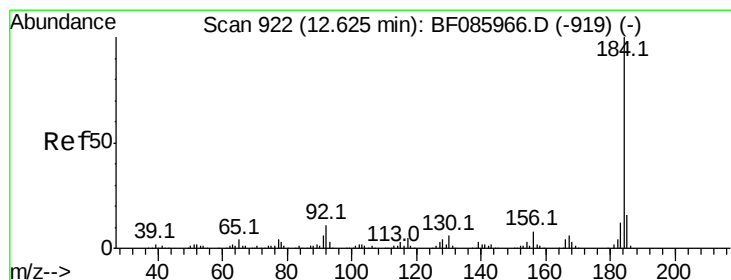
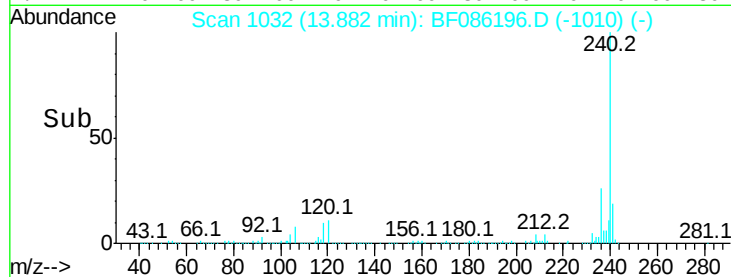
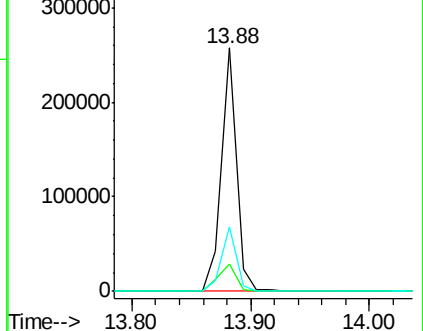
236 26.5 20.6 30.8



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

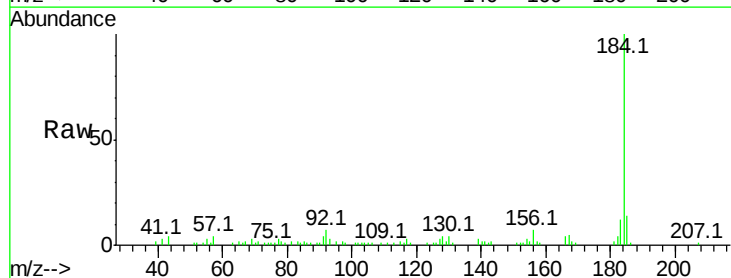
Tgt Ion:184 Resp: 56264

Ion Ratio Lower Upper

184 100

185 13.7 12.4 18.6

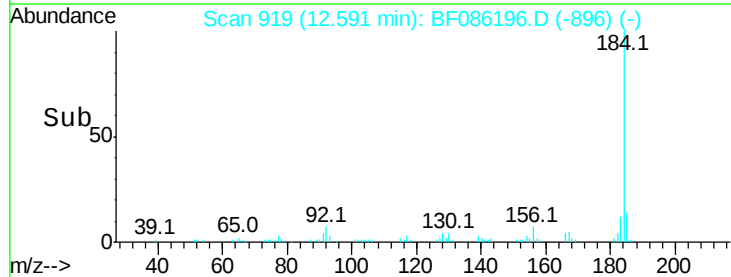
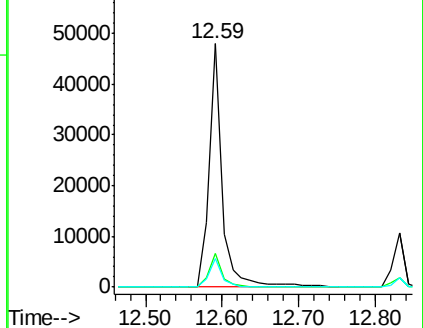
183 11.8 9.4 14.2

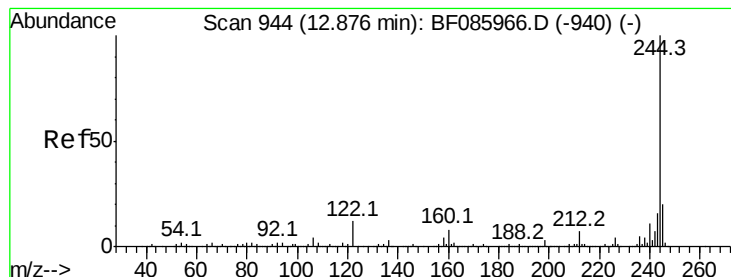


Abundance Ion 184.00 (183.70 to 184.70): E

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

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)

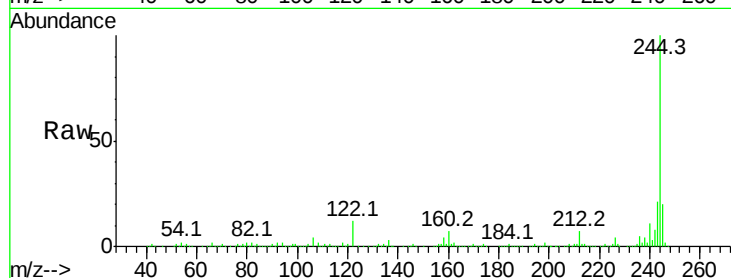
Tot Ion:244 Resp: 675952

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

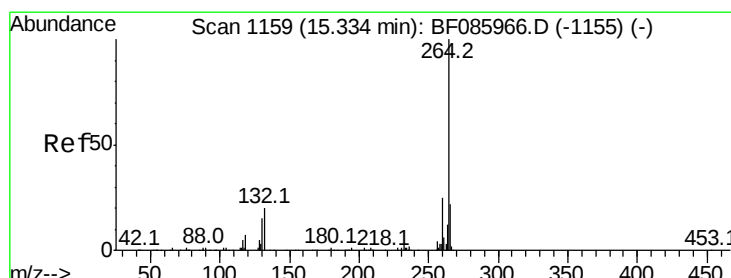
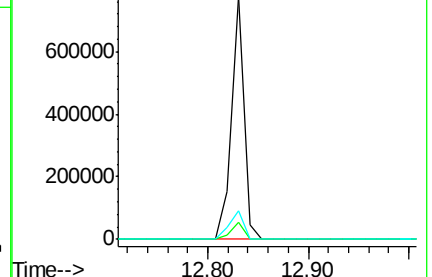
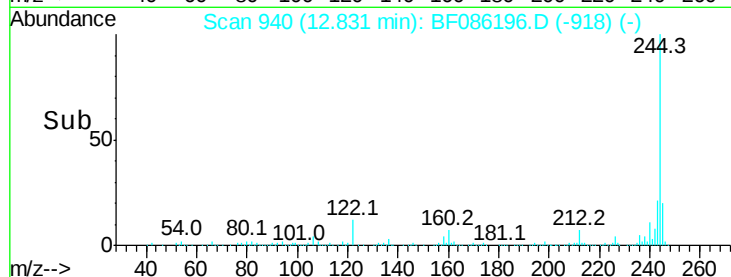
122 11.6 10.2 15.4



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

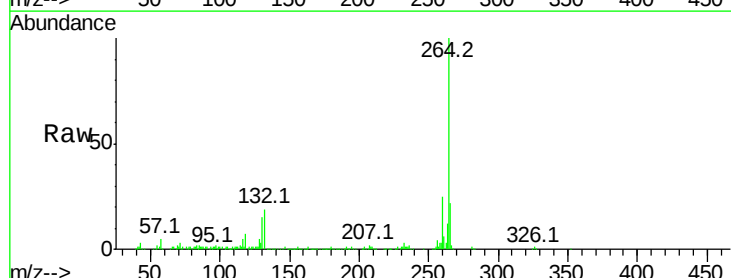
Tgt Ion:264 Resp: 179554

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 21.9 17.2 25.8



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

