

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 06:36:27 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

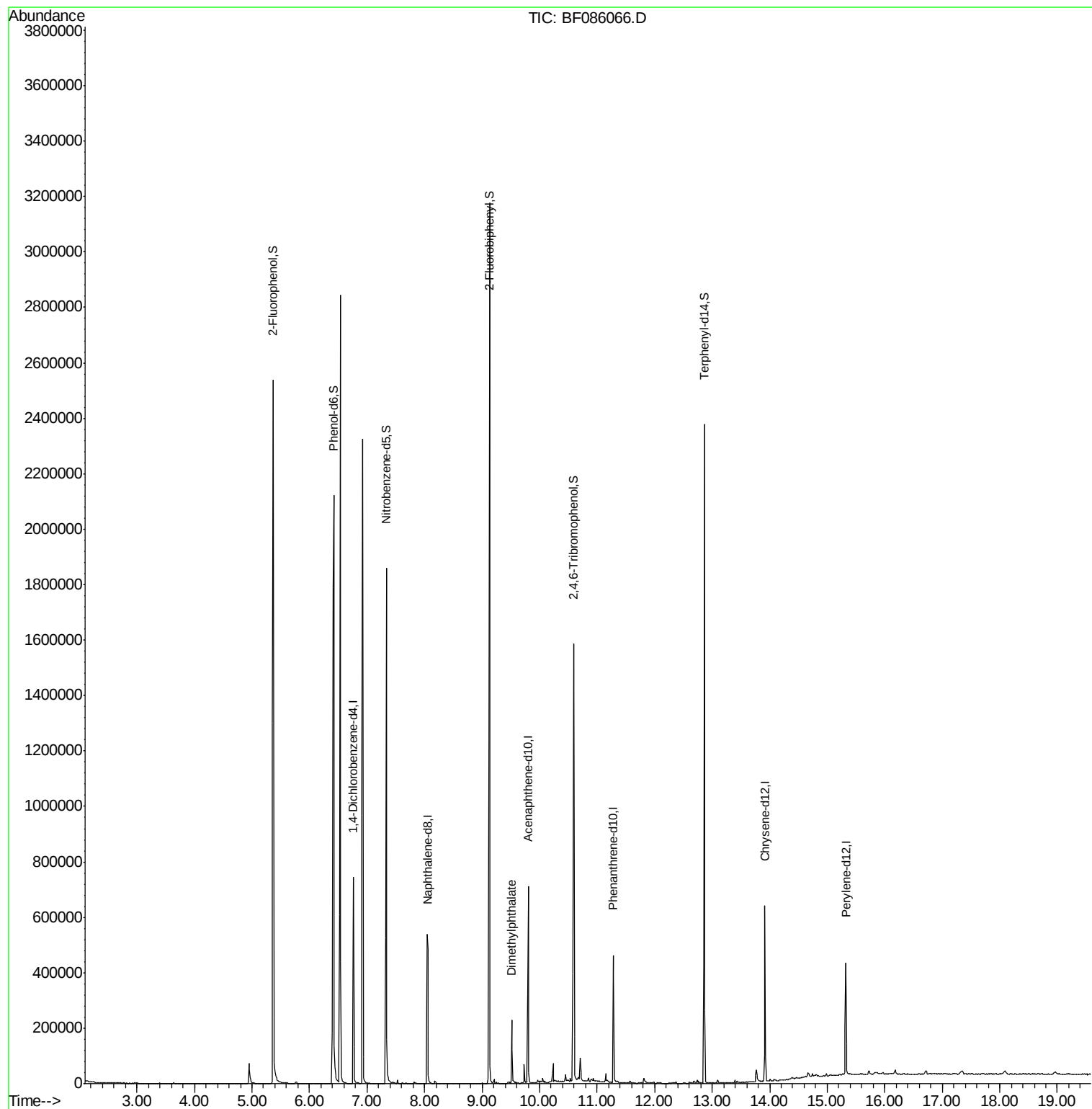
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	110918	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	373811	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	156882	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	242754	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	203871	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						
49) Dimethylphthalate	9.52	163	107288	9.23	ng	Qvalue # 99

(#) = 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)

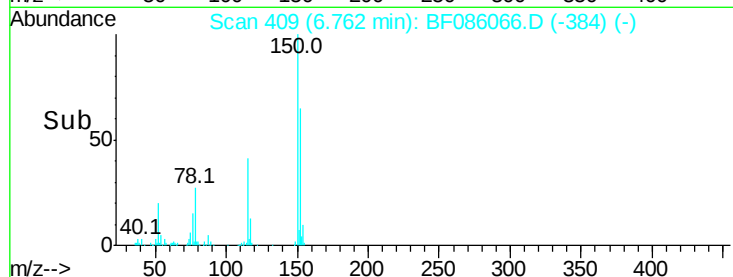
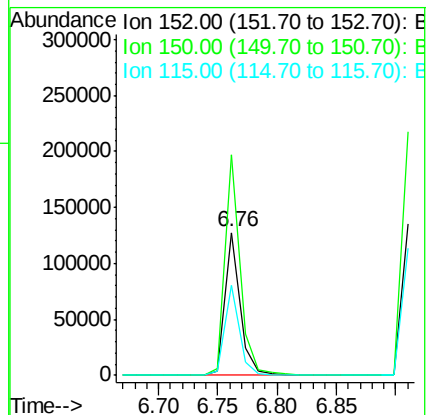
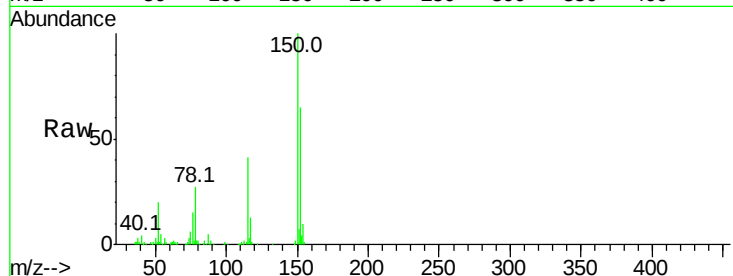
Tot Ion:152 Resp: 110918

Ion Ratio Lower Upper

152 100

150 154.2 124.2 186.2

115 62.6 47.0 70.6



#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

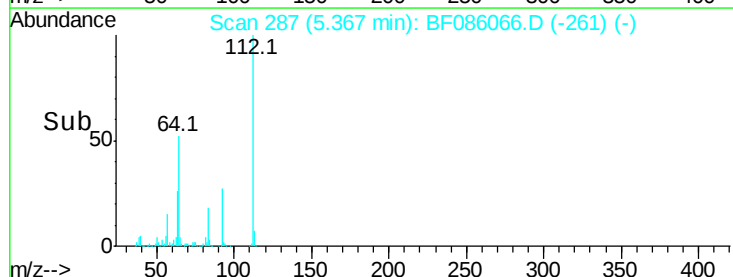
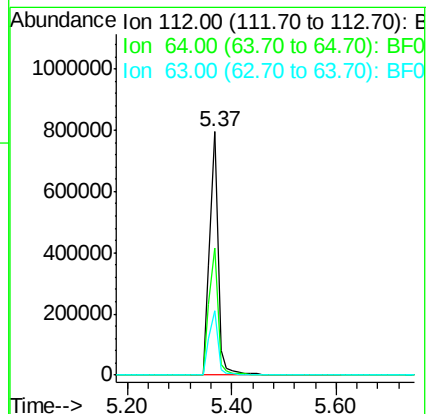
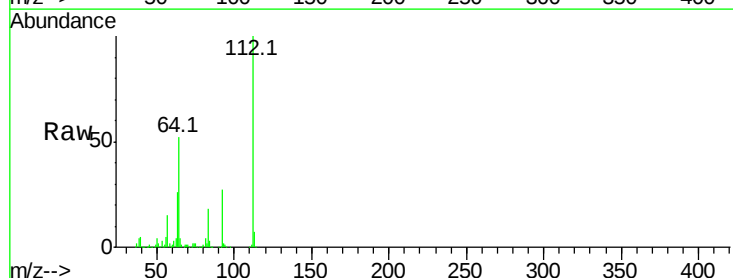
Tgt Ion:112 Resp: 904117

Ion Ratio Lower Upper

112 100

64 52.5 39.9 59.9

63 26.4 20.2 30.2





#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)

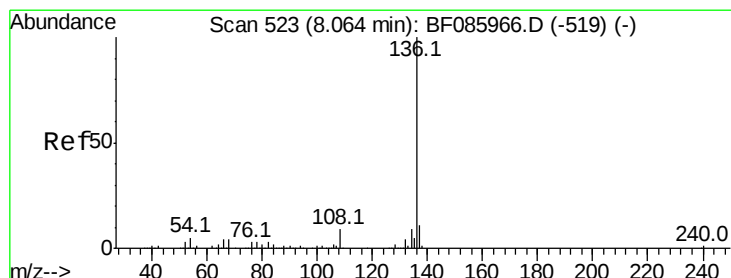
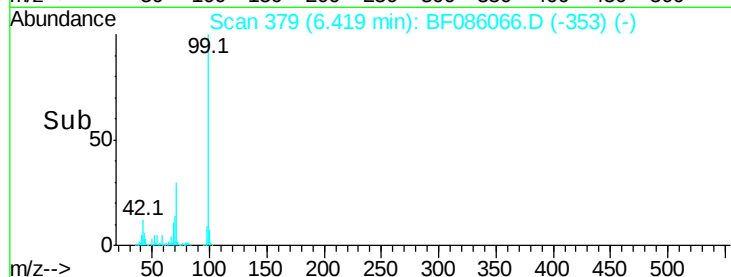
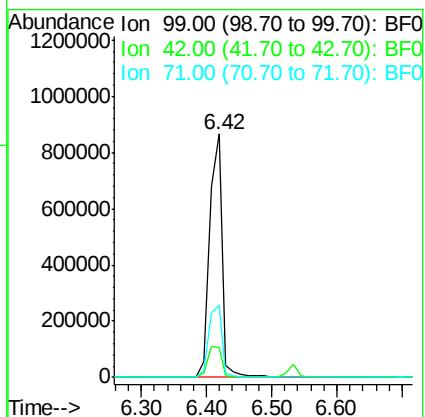
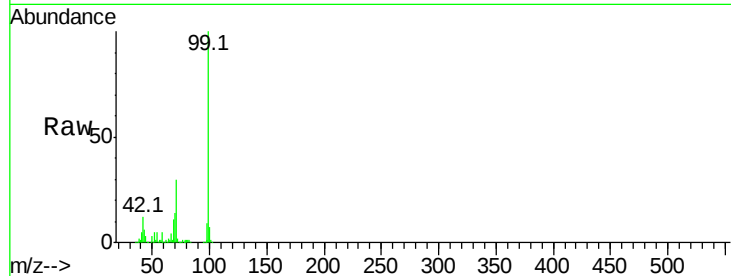
Tot Ion: 99 Resp: 1171479

Ion Ratio Lower Upper

99 100

42 12.1 11.1 16.7

71 29.8 24.9 37.3



#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

Tgt Ion: 136 Resp: 373811

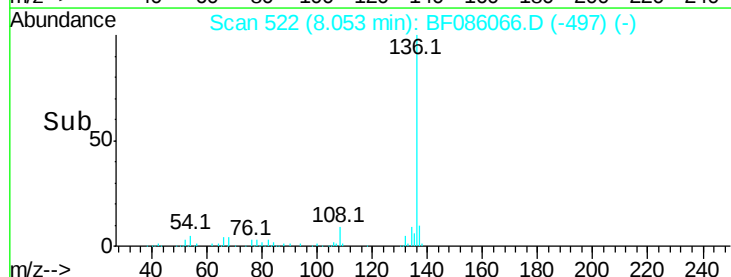
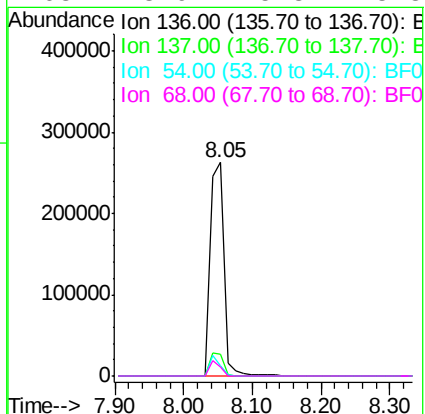
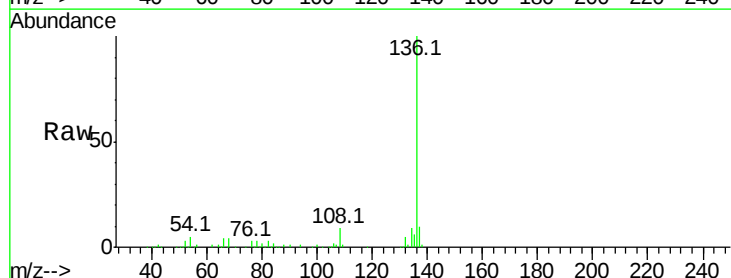
Ion Ratio Lower Upper

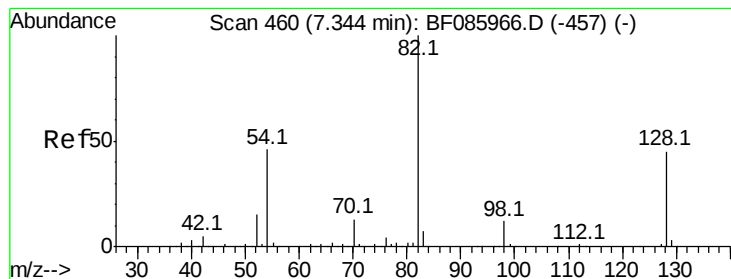
136 100

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

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-09COMP(0.5-20.0)

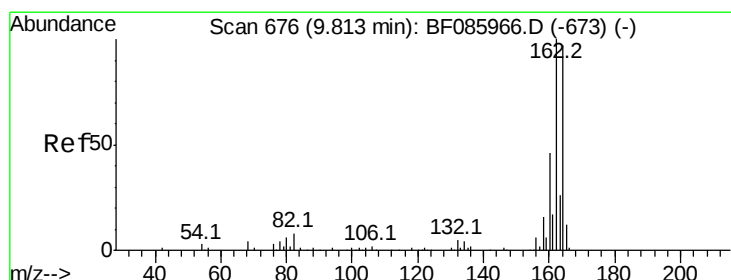
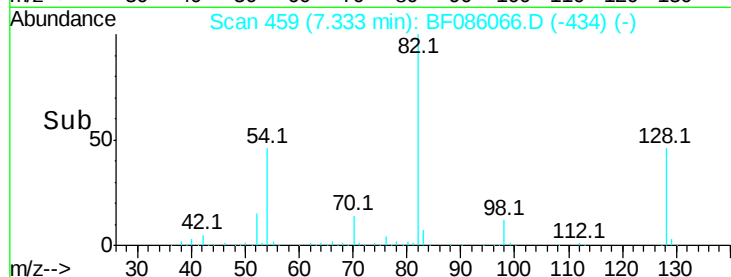
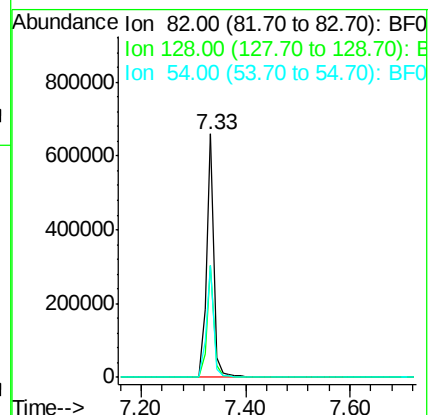
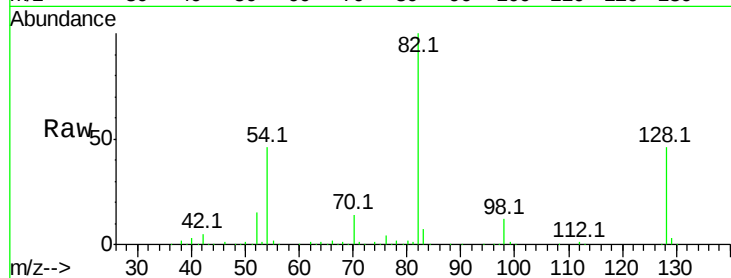
Tot Ion: 82 Resp: 646152

Ion Ratio Lower Upper

82 100

128 45.8 41.8 62.8

54 45.9 33.4 50.0



#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

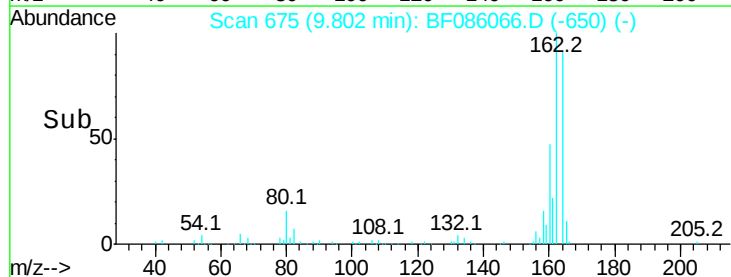
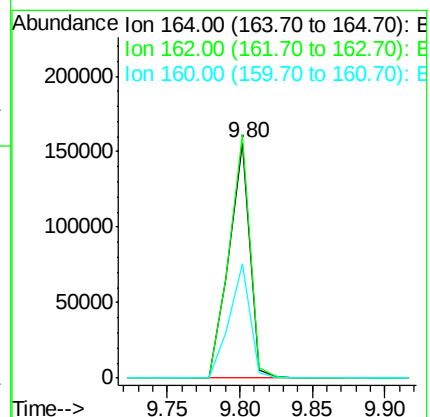
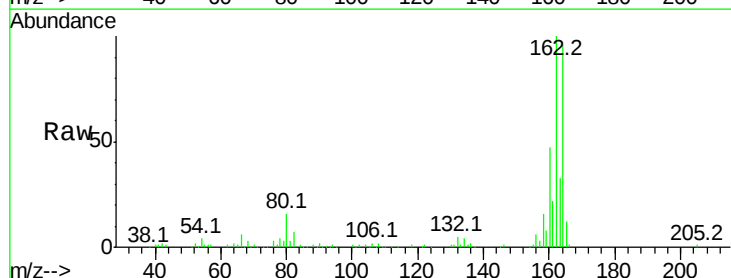
Tgt Ion:164 Resp: 156882

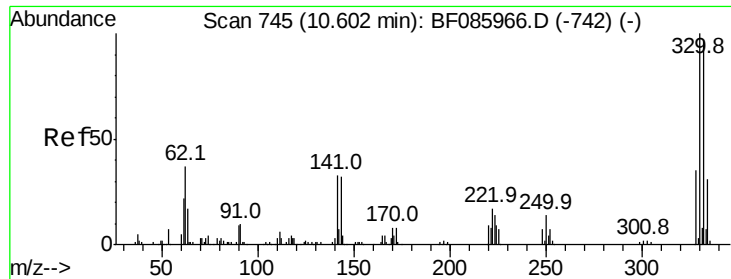
Ion Ratio Lower Upper

164 100

162 103.7 82.1 123.1

160 48.5 37.4 56.2

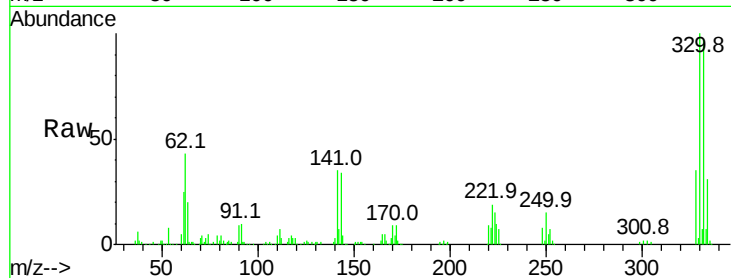




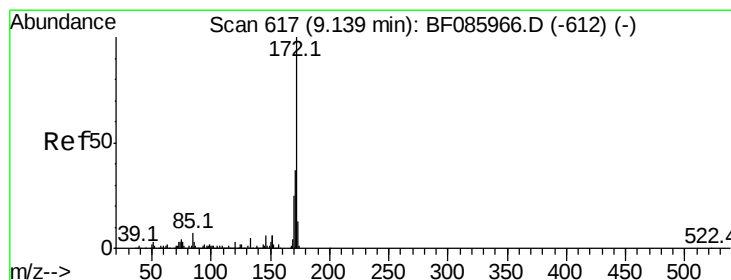
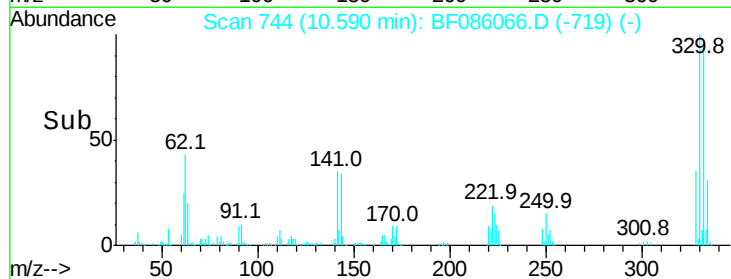
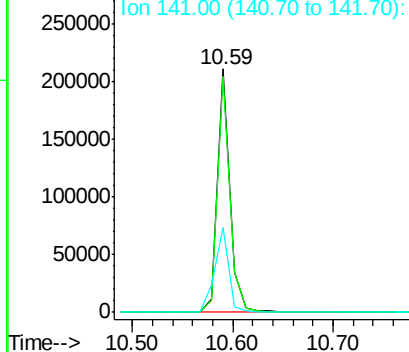
#41
 2,4,6-Tribromophenol
 Concen: 123.13 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086066.D
 Acq: 5 Apr 2016 6:02

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

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

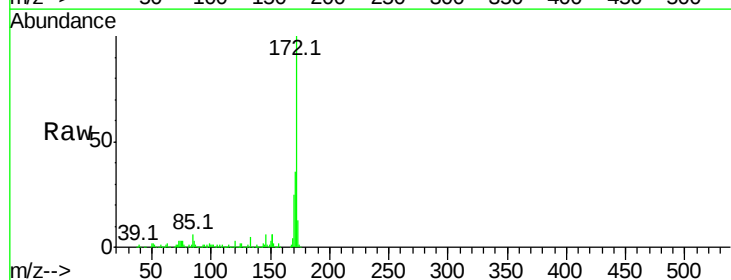


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

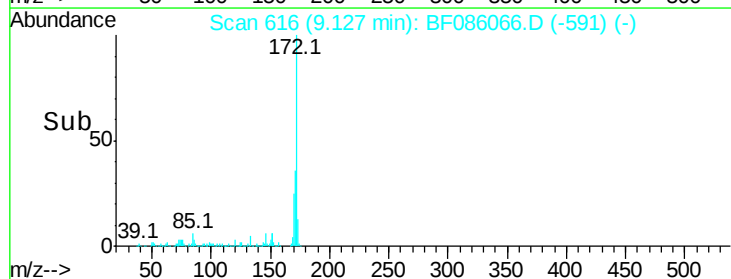
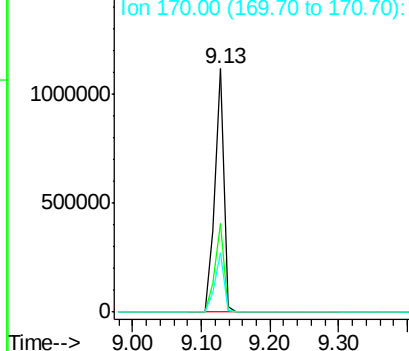


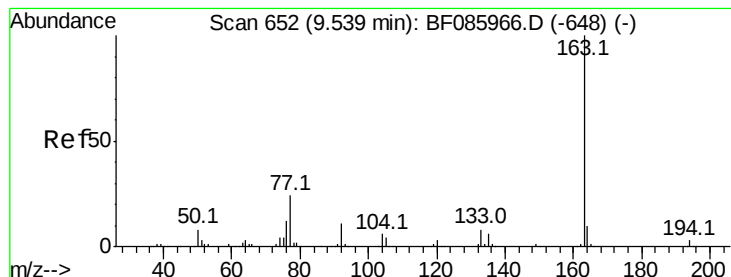
#44
 2-Fluorobiphenyl
 Concen: 111.70 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086066.D
 Acq: 5 Apr 2016 6:02

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 :

BNA_F

ClientSampleId :

AMBOY-SB-09COMP(0.5-20.0)

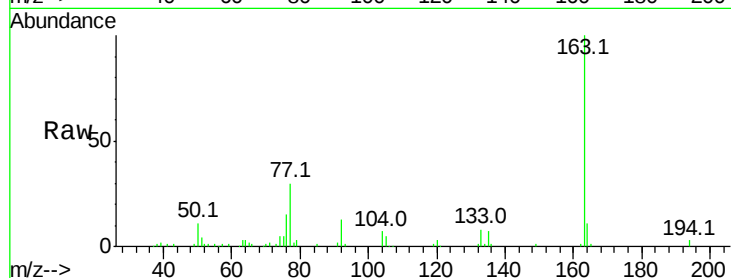
Tot Ion:163 Resp: 107288

Ion Ratio Lower Upper

163 100

194 2.8 2.9 4.3#

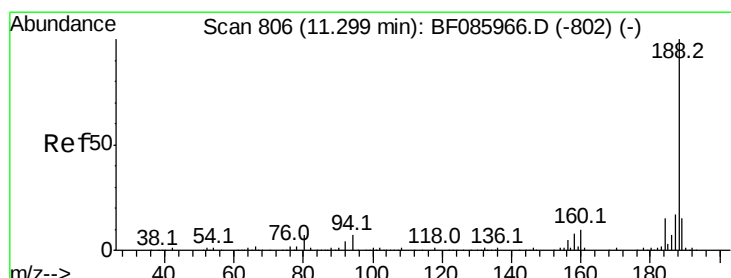
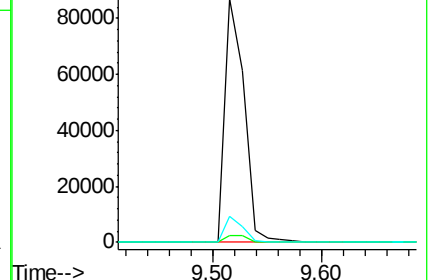
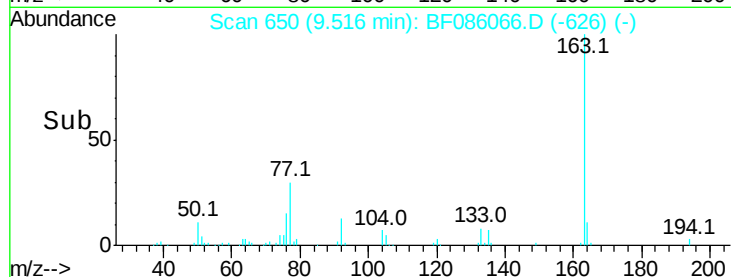
164 10.8 8.3 12.5



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



#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

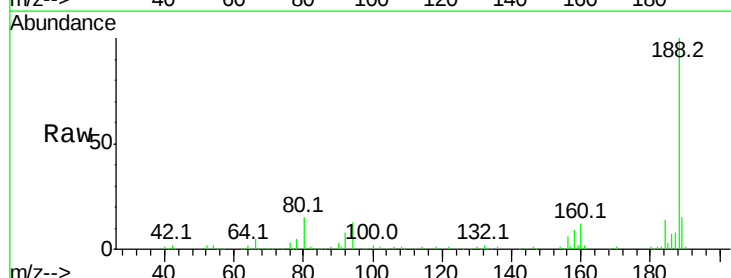
Tgt Ion:188 Resp: 242754

Ion Ratio Lower Upper

188 100

94 13.4 5.4 8.0#

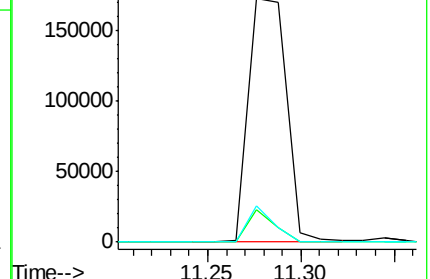
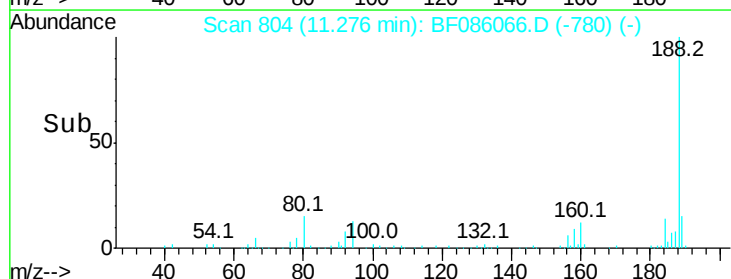
80 15.1 5.5 8.3#

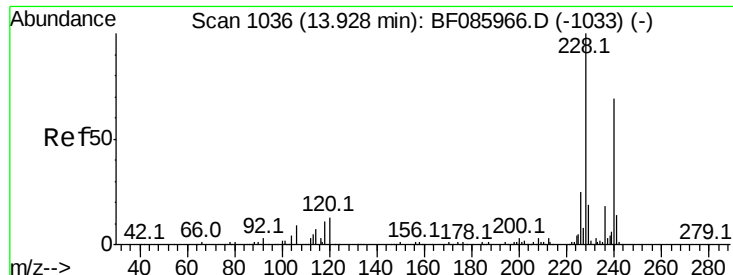


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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)

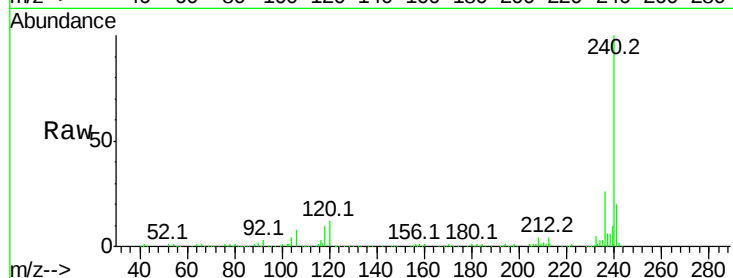
Tot Ion:240 Resp: 203871

Ion Ratio Lower Upper

240 100

120 12.0 13.8 20.8#

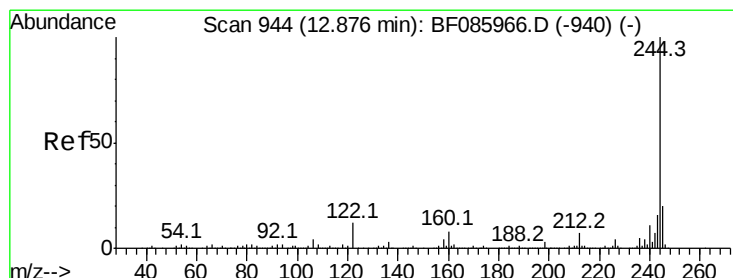
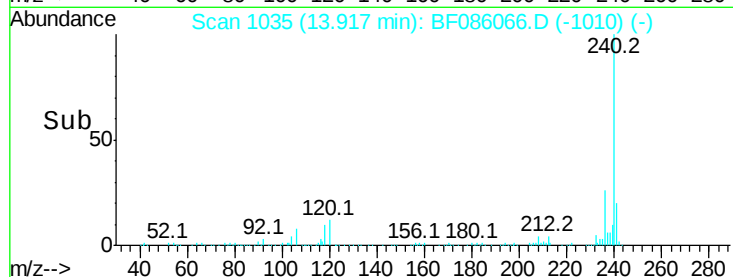
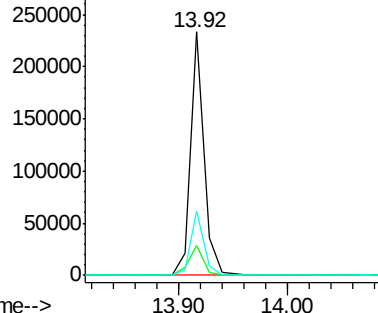
236 26.5 20.6 30.8



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

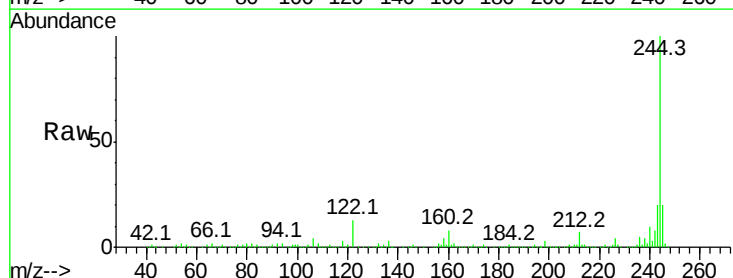
Tgt Ion:244 Resp: 691960

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

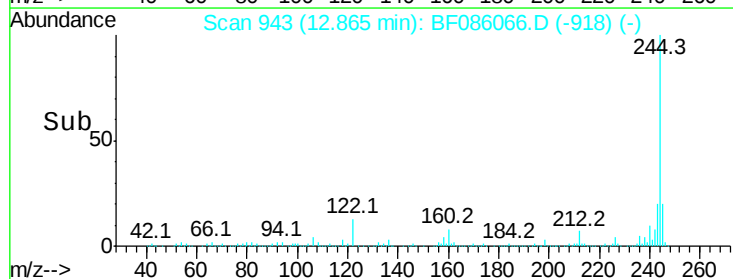
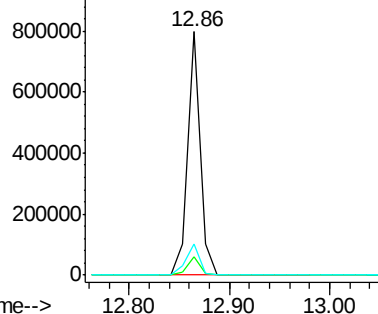
122 13.0 10.2 15.4

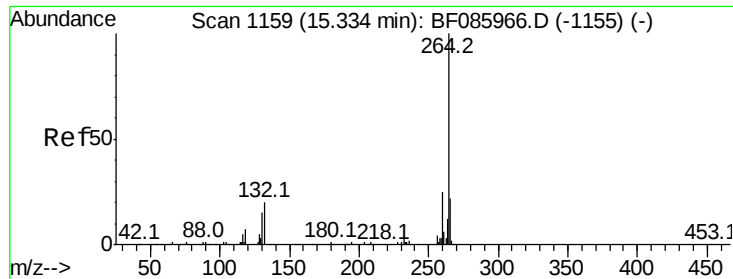


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

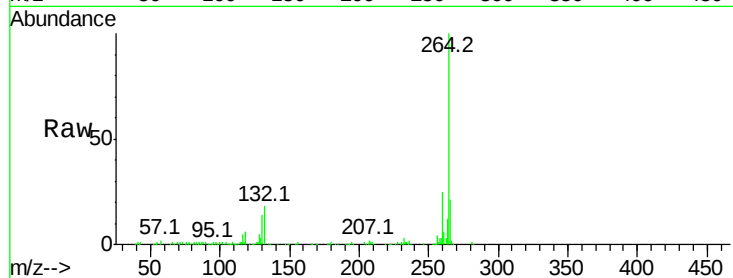




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF086066.D
 Acq: 5 Apr 2016 6:02

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.4	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

