

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 07:22:21 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

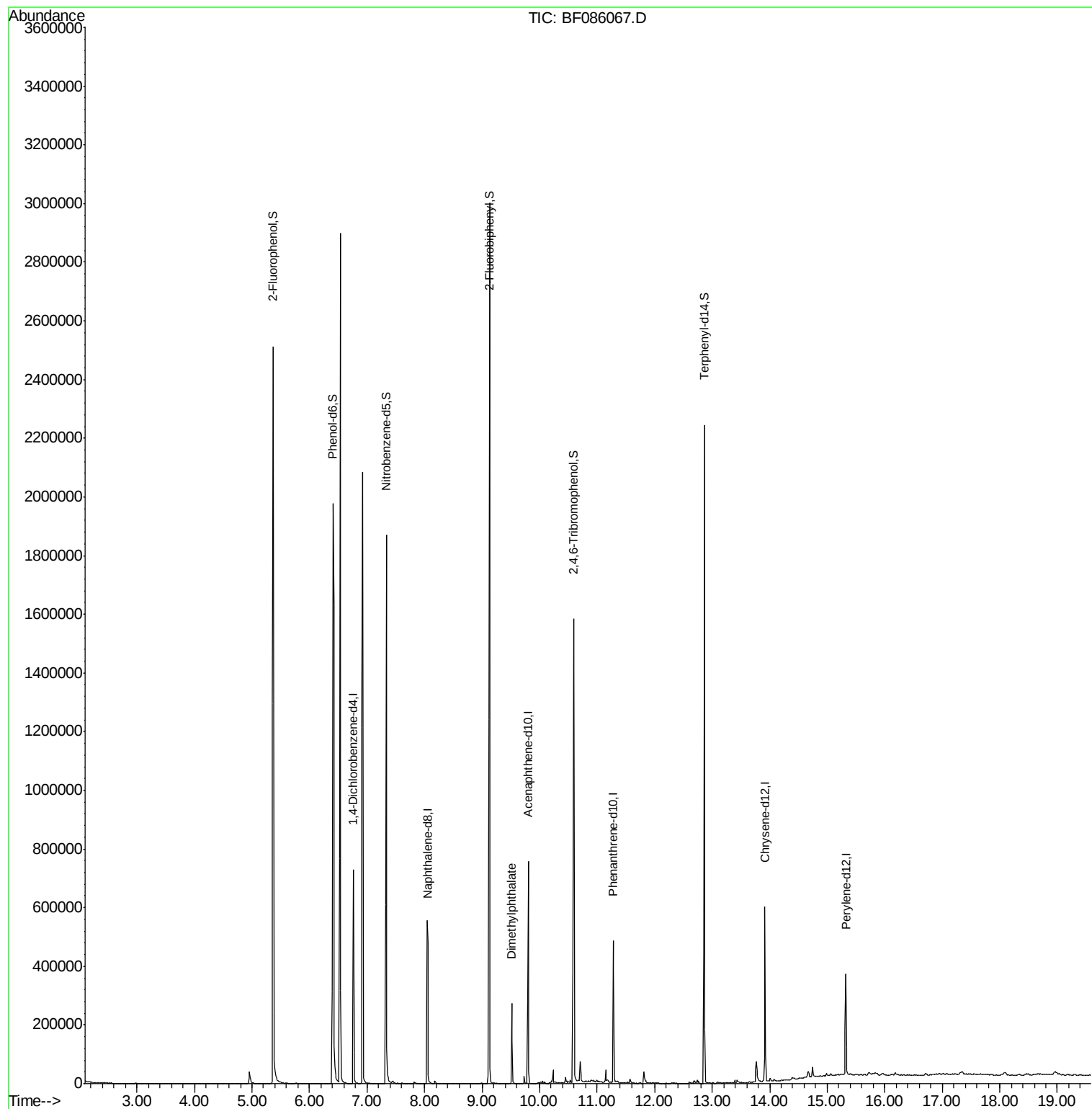
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	107481	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	382194	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	159383	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	245208	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	192195	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						
49) Dimethylphthalate	9.52	163	135491	11.47	ng	Qvalue # 99

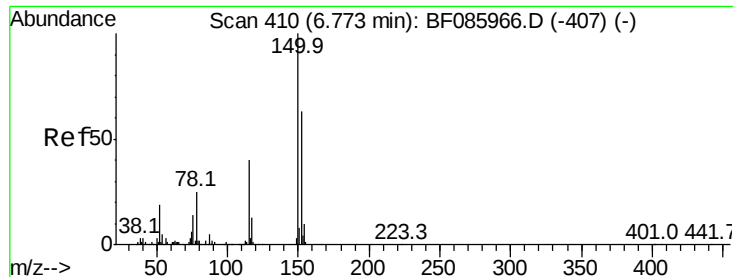
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086067.D

Acq: 5 Apr 2016 6:30

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-10(0.5-2.0)

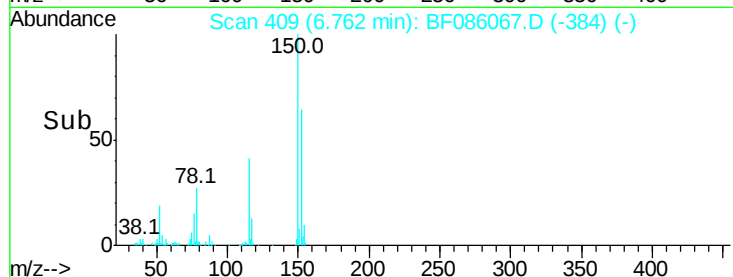
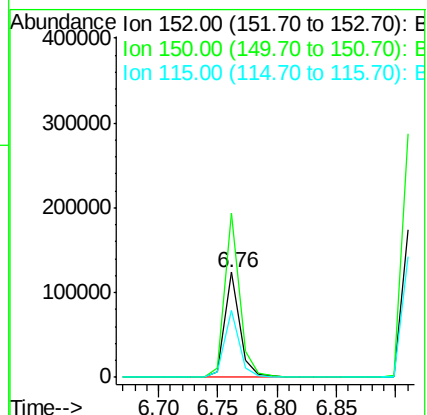
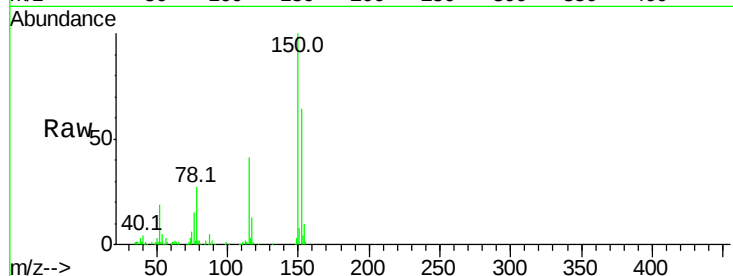
Tot Ion:152 Resp: 107481

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

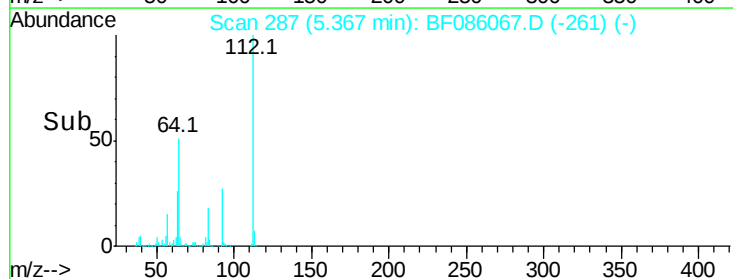
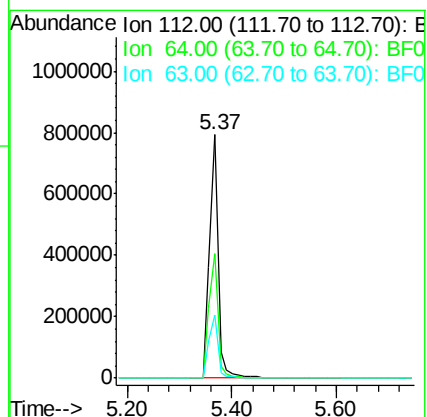
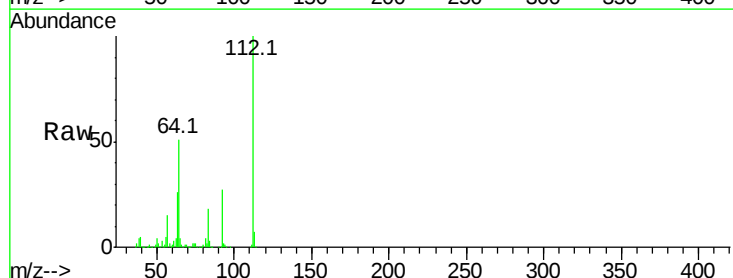
Tgt Ion:112 Resp: 904513

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)

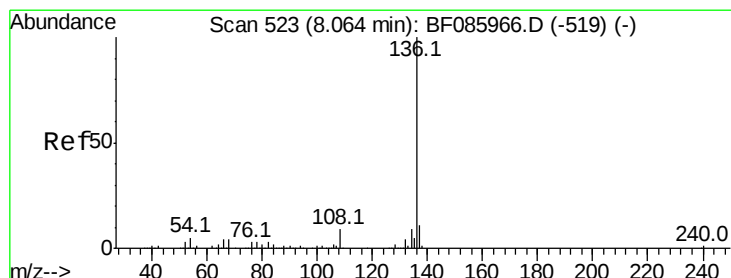
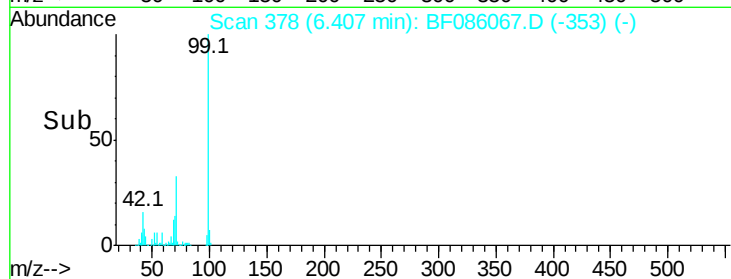
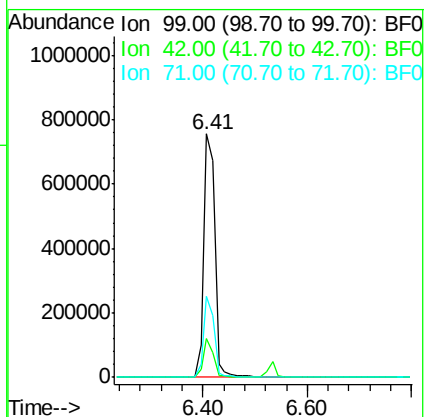
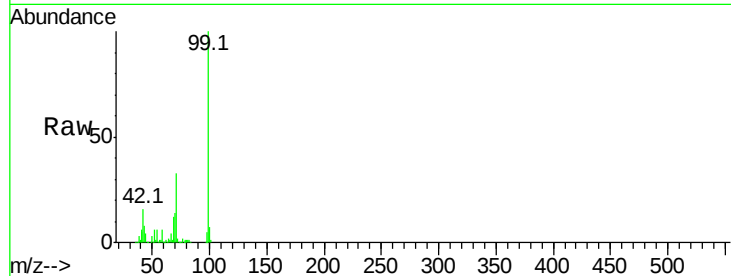
Tot Ion: 99 Resp: 1122755

Ion Ratio Lower Upper

99 100

42 15.8 11.1 16.7

71 33.3 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: BF086067.D

Acq: 5 Apr 2016 6:30

Tgt Ion: 136 Resp: 382194

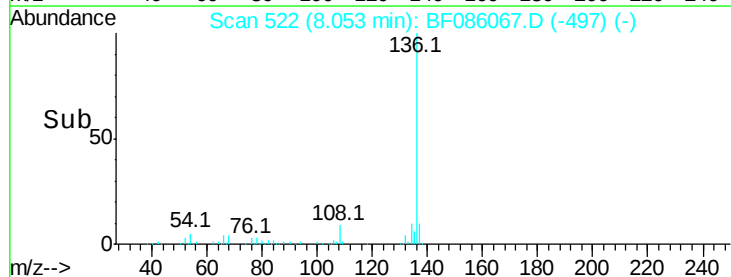
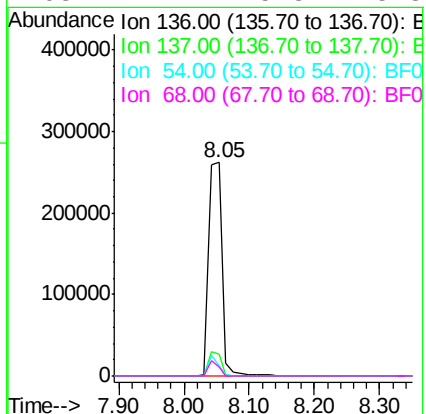
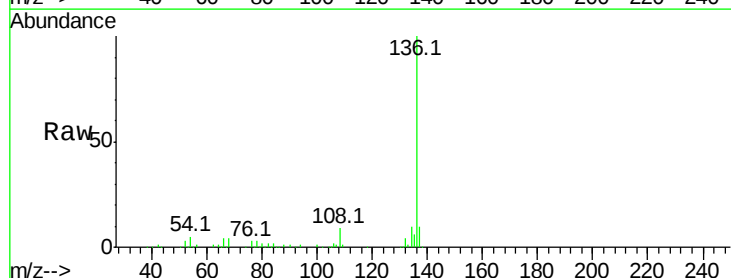
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 4.7 7.4 11.0#

68 4.2 5.8 8.8#

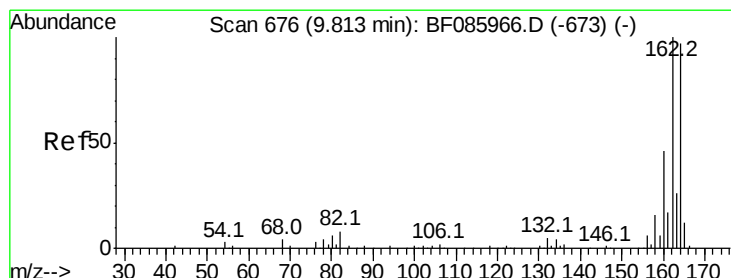
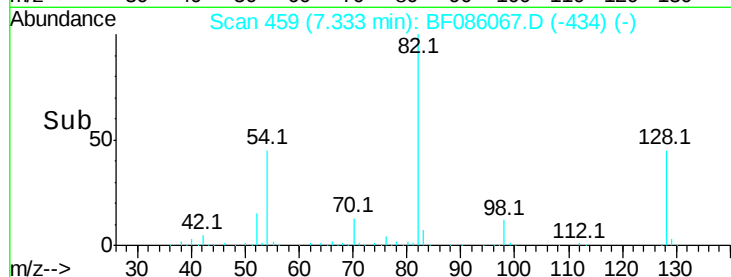
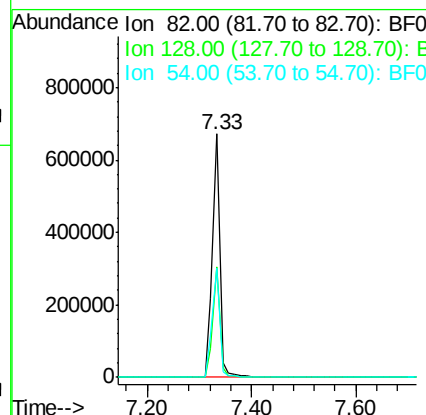
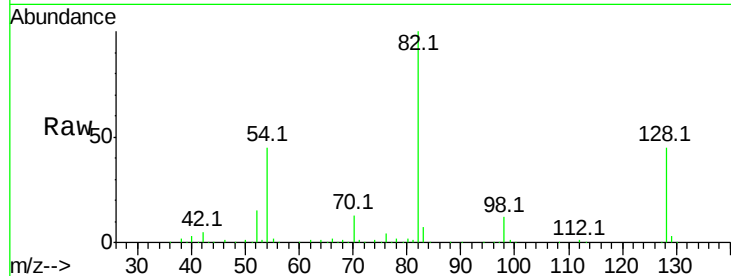




#23
 Nitrobenzene-d5
 Concen: 102.80 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086067.D
 Acq: 5 Apr 2016 6:30

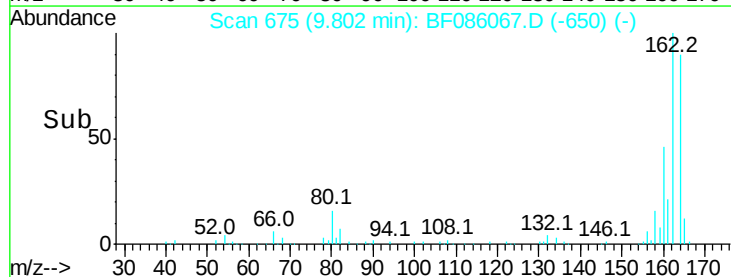
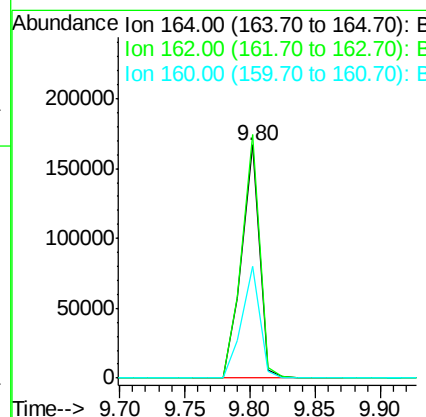
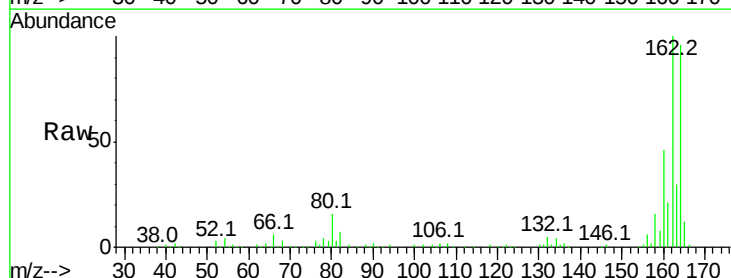
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-10(0.5-2.0)

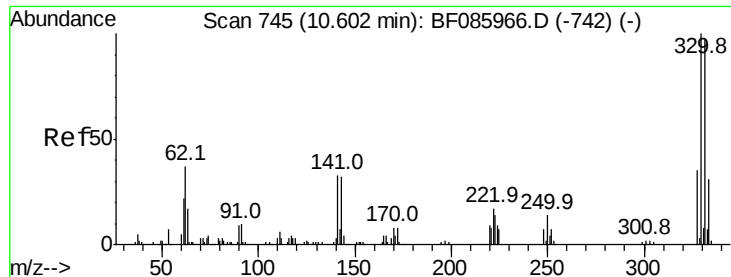
Tot Ion: 82 Resp: 666225
 Ion Ratio Lower Upper
 82 100
 128 45.2 41.8 62.8
 54 44.8 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: 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

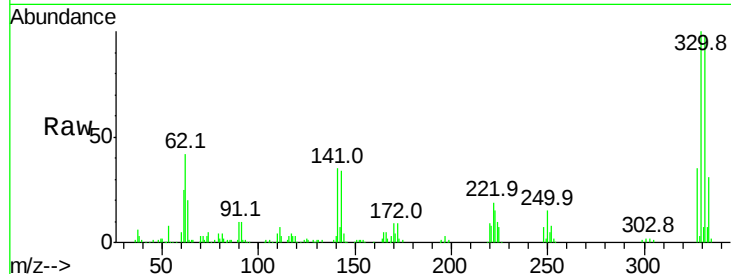




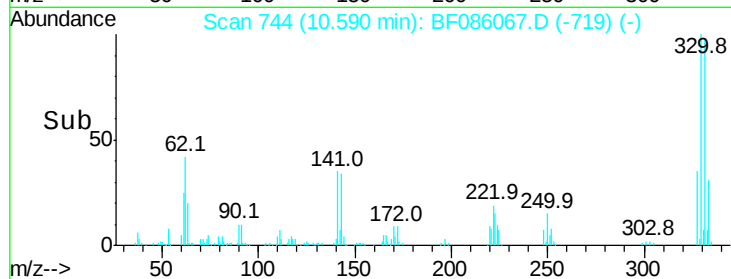
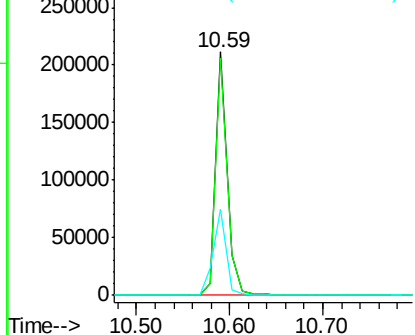
#41
 2,4,6-Tribromophenol
 Concen: 121.49 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086067.D
 Acq: 5 Apr 2016 6:30

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.2	117.2
141	40.0	31.5	47.3

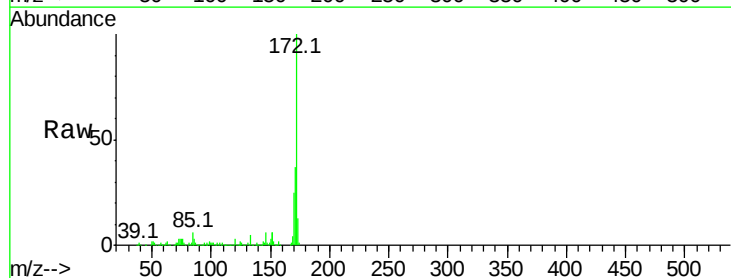


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

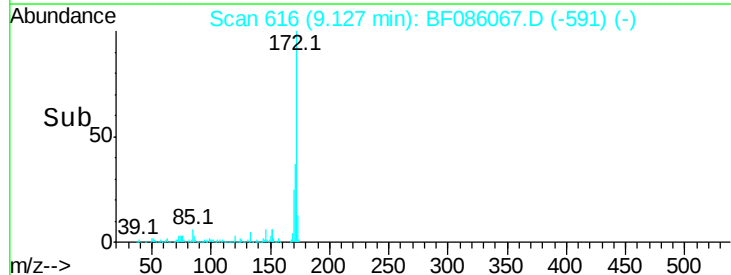
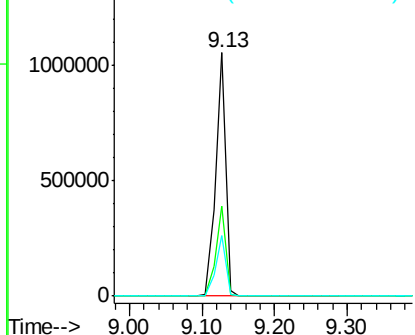


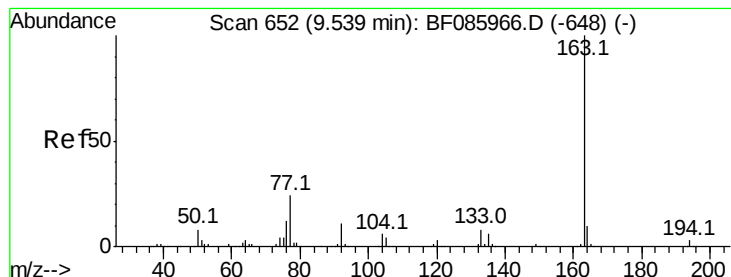
#44
 2-Fluorobiphenyl
 Concen: 105.25 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086067.D
 Acq: 5 Apr 2016 6:30

Tgt Ion	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)

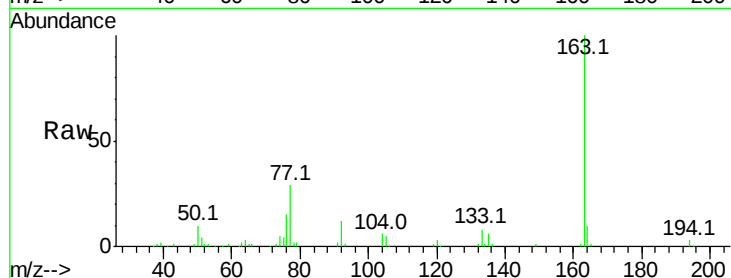
Tot Ion:163 Resp: 135491

Ion Ratio Lower Upper

163 100

194 2.8 2.9 4.3#

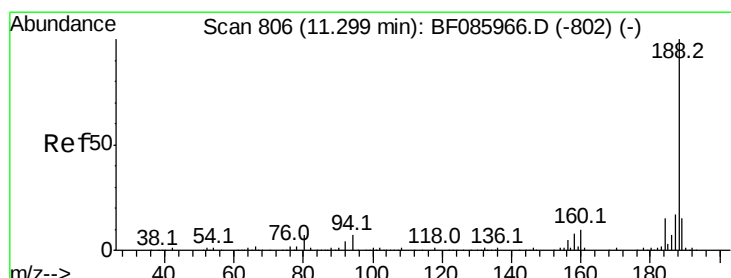
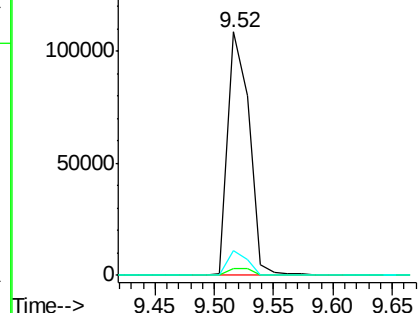
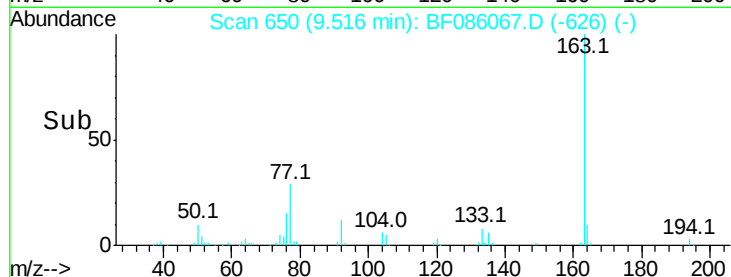
164 10.4 8.3 12.5



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



#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

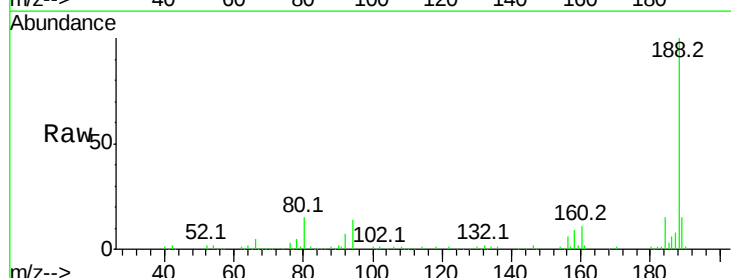
Tgt Ion:188 Resp: 245208

Ion Ratio Lower Upper

188 100

94 14.2 5.4 8.0#

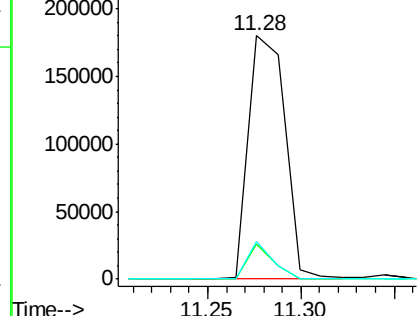
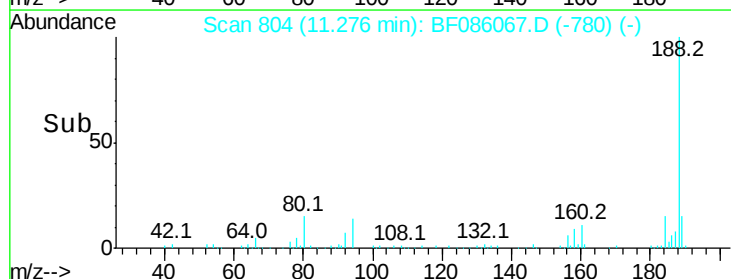
80 15.2 5.5 8.3#

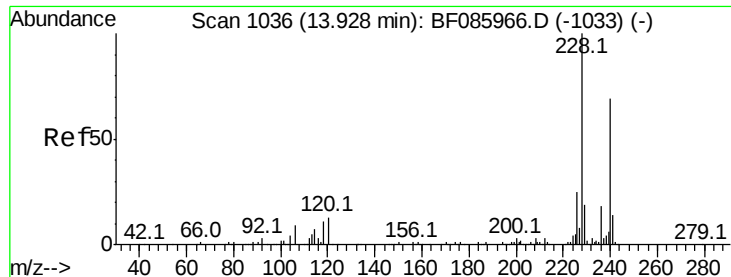


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-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)

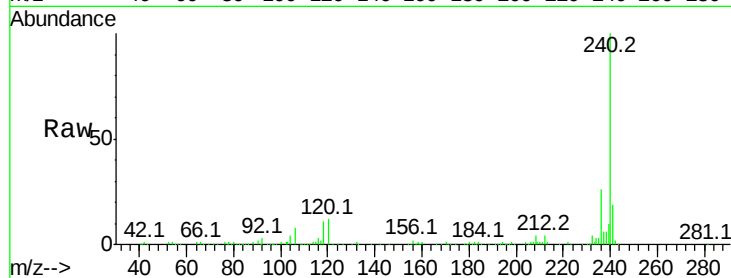
Tot Ion:240 Resp: 192195

Ion Ratio Lower Upper

240 100

120 12.4 13.8 20.8#

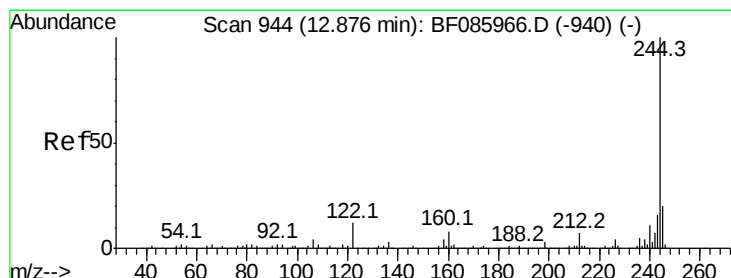
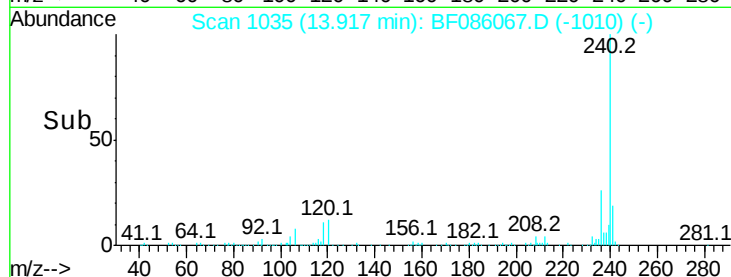
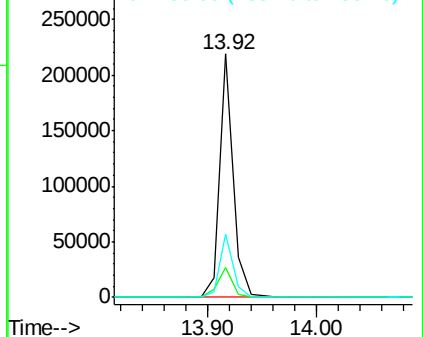
236 26.2 20.6 30.8



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

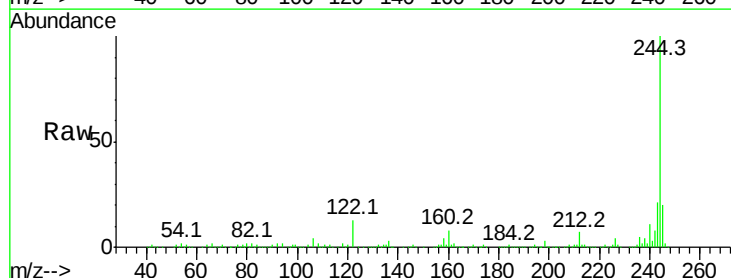
Tgt Ion:244 Resp: 648051

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

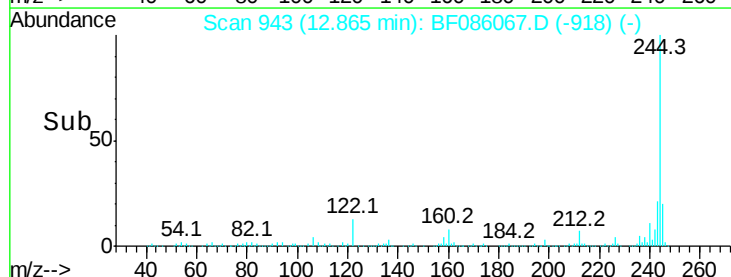
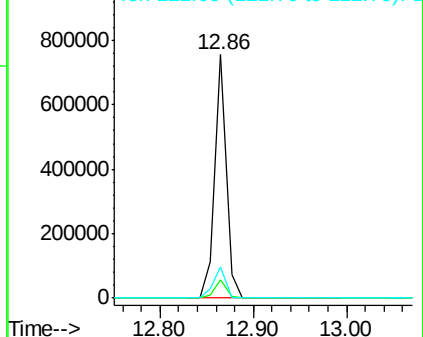
122 12.6 10.2 15.4

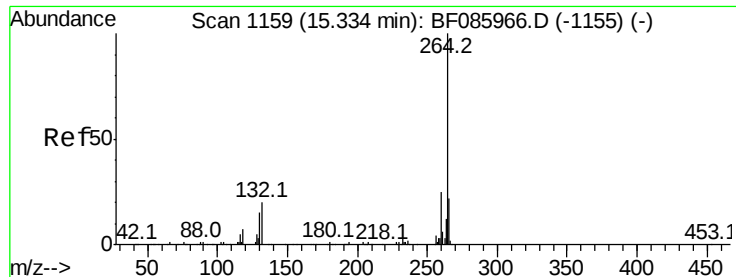


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

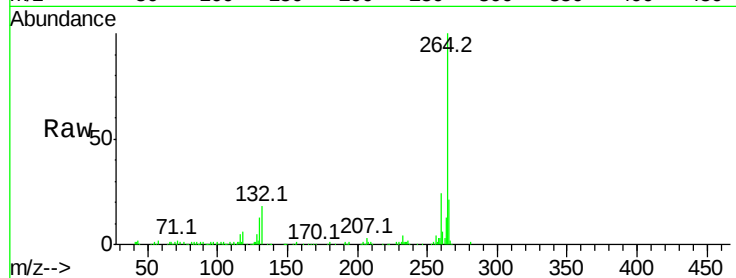




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF086067.D
 Acq: 5 Apr 2016 6:30

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

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

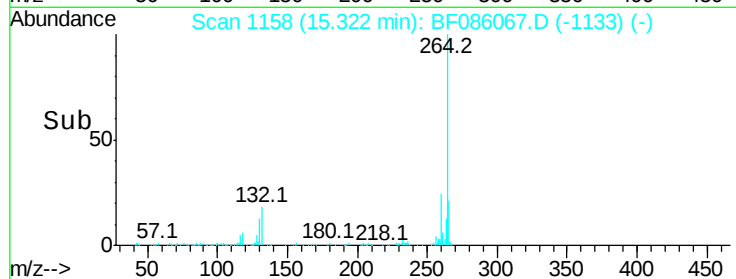
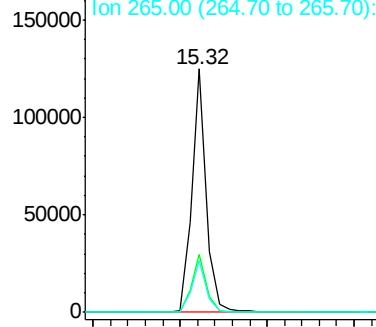


Abundance

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



Time--> 15.20 15.30 15.40 15.50