

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086157.D
 Acq On : 8 Apr 2016 4:10
 Operator : UM/SJ
 Sample : H2282-20
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-06(0.5-20)

Quant Time: Apr 08 05:11:28 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

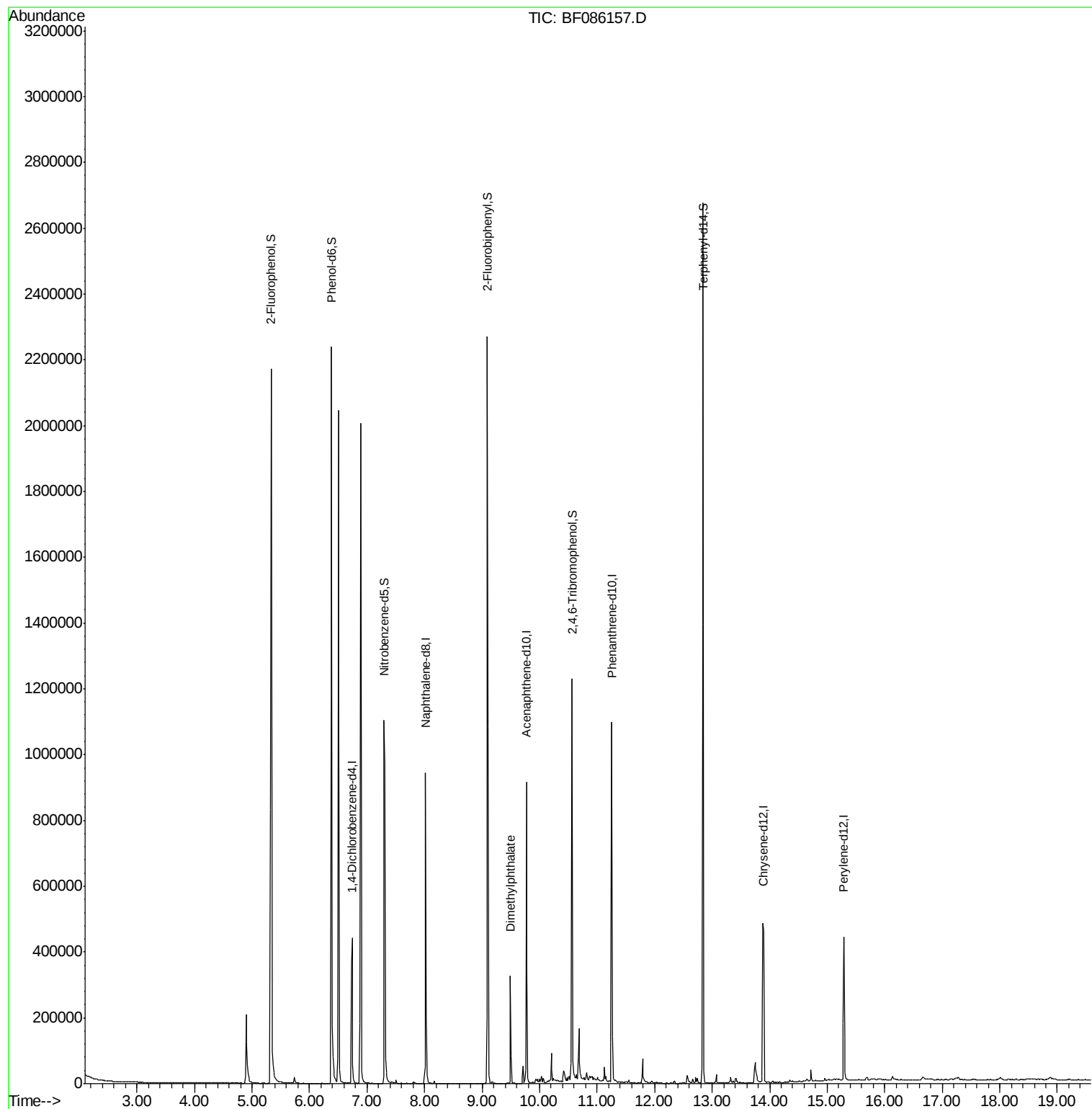
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	101772	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	434819	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	193327	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	375562	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	250675	20.00	ng	-0.03
86) Perylene-d12	15.29	264	189434	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	759503	127.56	ng	-0.03
7) Phenol-d6	6.38	99	1012516	133.88	ng	-0.03
23) Nitrobenzene-d5	7.30	82	565038	76.63	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	247903	136.62	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	857352	73.74	ng	-0.05
78) Terphenyl-d14	12.84	244	968753	90.84	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.49	163	133062	9.29	ng	Qvalue 99

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

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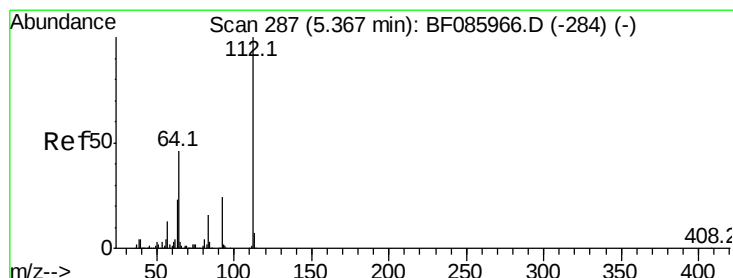
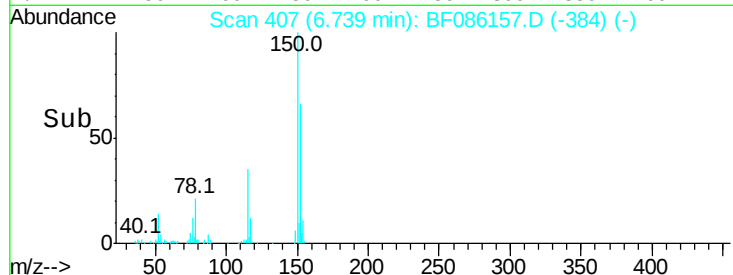
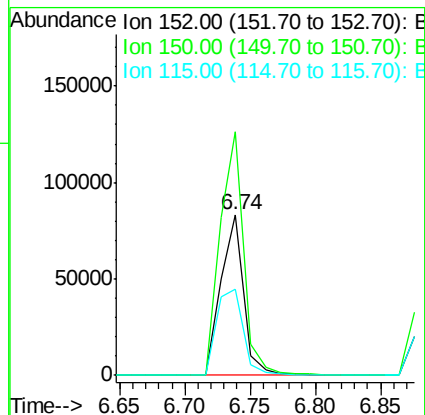
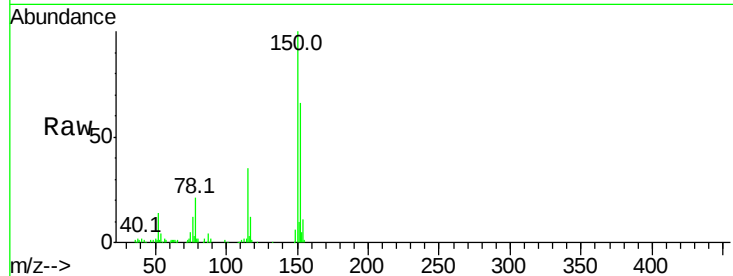


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086157.D
Acq: 8 Apr 2016 4:10

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-06(0.5-20)

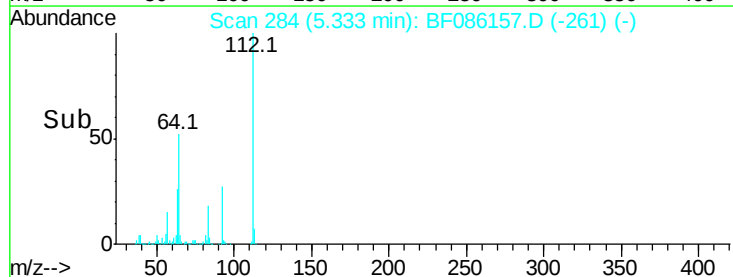
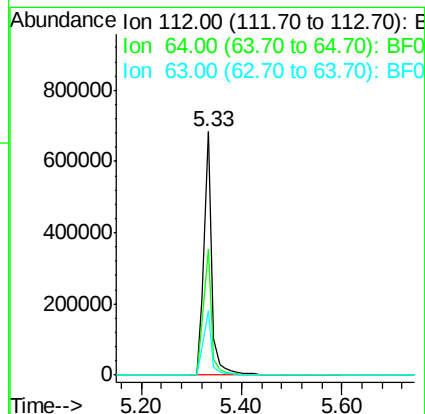
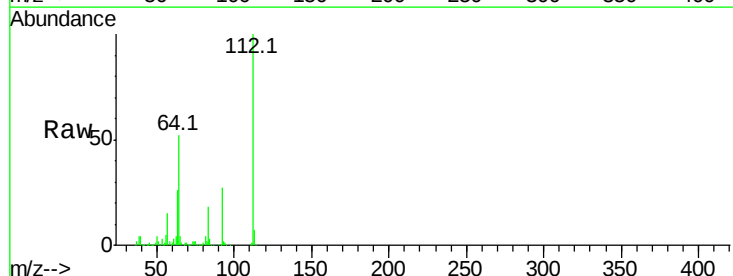
Tot Ion:152 Resp: 101772
Ion Ratio Lower Upper
152 100
150 151.2 124.2 186.2
115 53.7 47.0 70.6

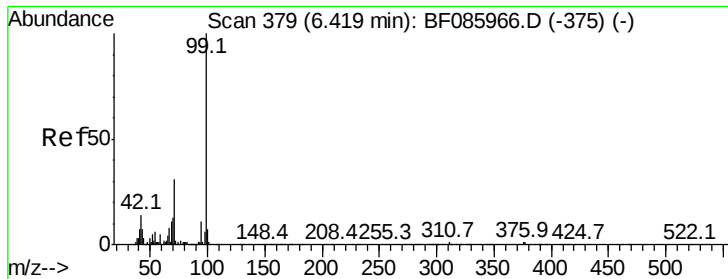


#5

2-Fluorophenol
Concen: 127.56 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086157.D
Acq: 8 Apr 2016 4:10

Tgt Ion:112 Resp: 759503
Ion Ratio Lower Upper
112 100
64 51.6 39.9 59.9
63 26.4 20.2 30.2





#7

Phenol-d6

Concen: 133.88 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086157.D

Acq: 8 Apr 2016 4:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-06(0.5-20)

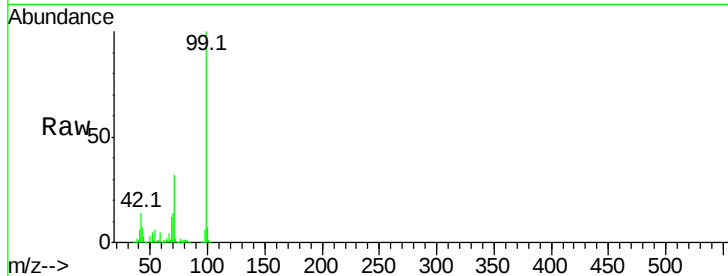
Tot Ion: 99 Resp: 1012516

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

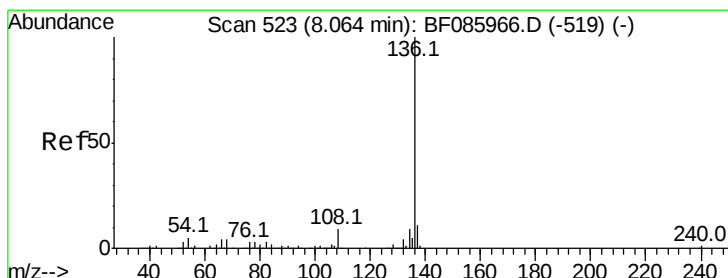
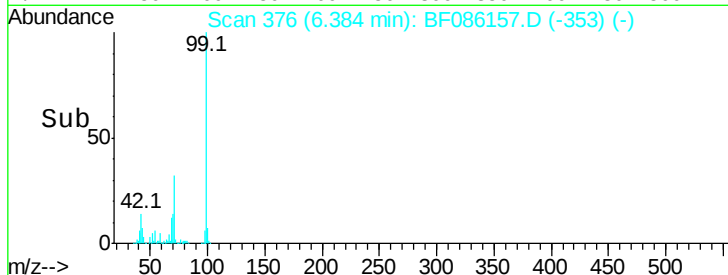
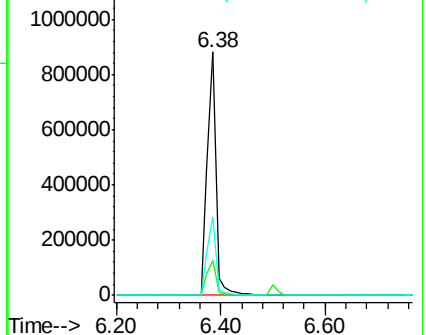
71 32.3 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086157.D

Acq: 8 Apr 2016 4:10

Tgt Ion: 136 Resp: 434819

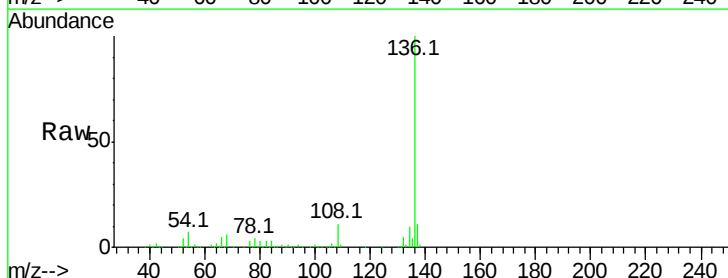
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.3 7.4 11.0#

68 6.1 5.8 8.8

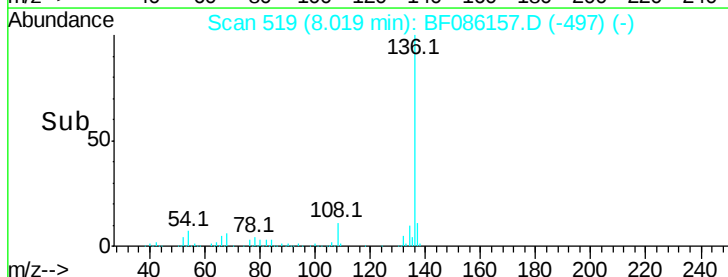
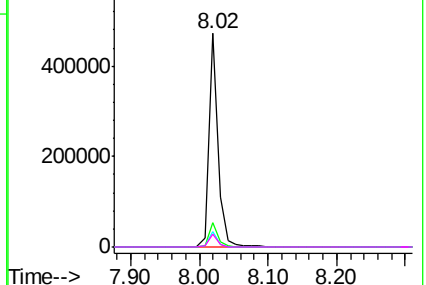


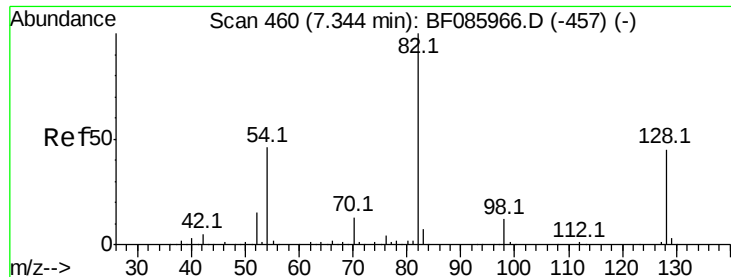
Abundance Ion 136.00 (135.70 to 136.70): E

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

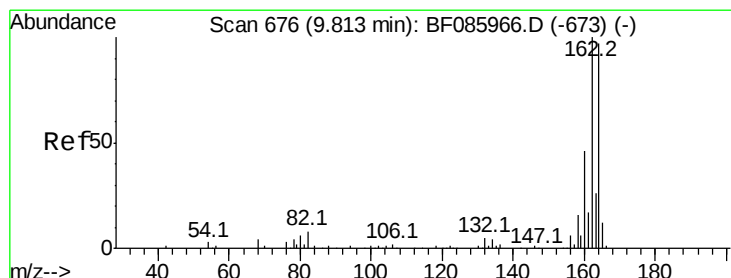
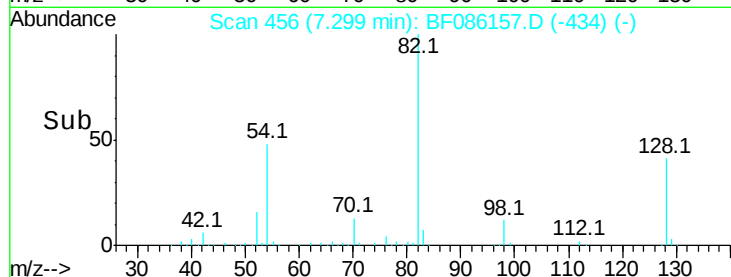
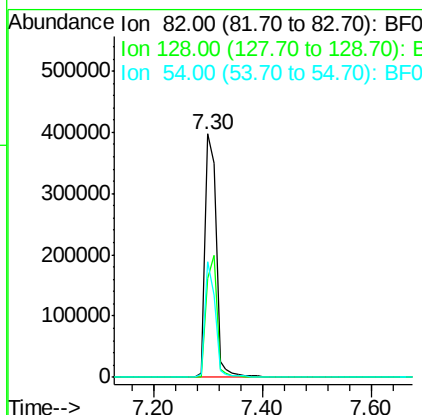
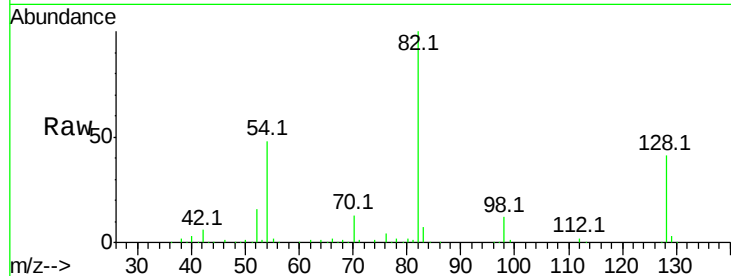




#23
 Nitrobenzene-d5
 Concen: 76.63 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086157.D
 Acq: 8 Apr 2016 4:10

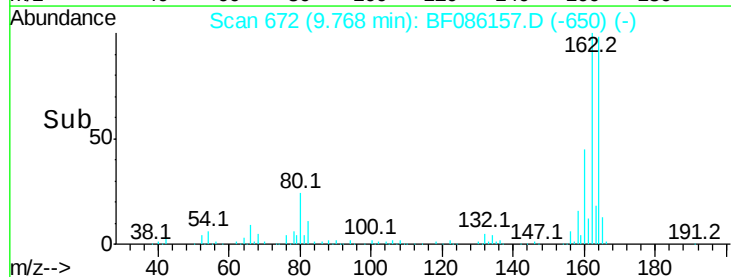
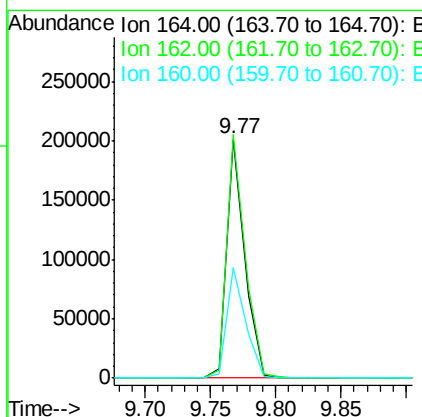
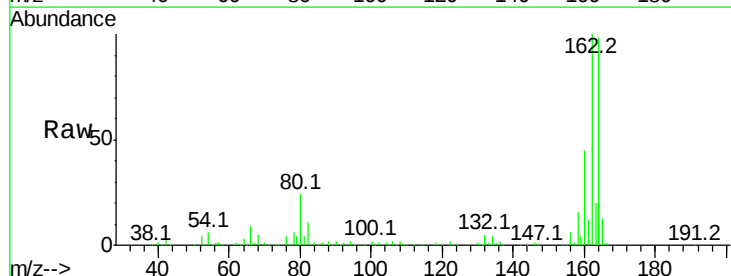
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-06(0.5-20)

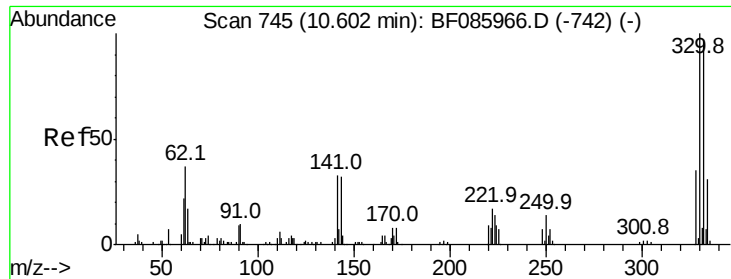
Tot Ion: 82 Resp: 565038
 Ion Ratio Lower Upper
 82 100
 128 40.5 41.8 62.8#
 54 47.5 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086157.D
 Acq: 8 Apr 2016 4:10

Tgt Ion:164 Resp: 193327
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.1 123.1
 160 46.2 37.4 56.2

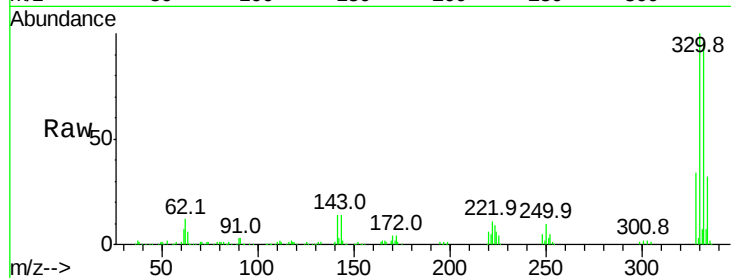




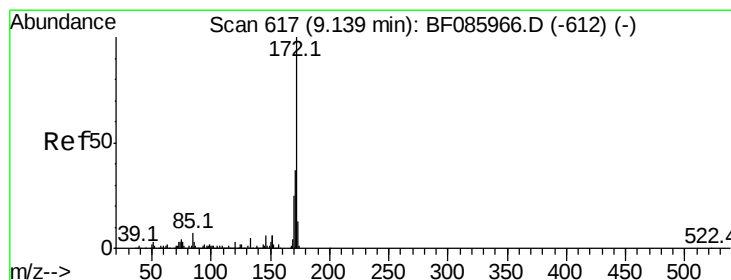
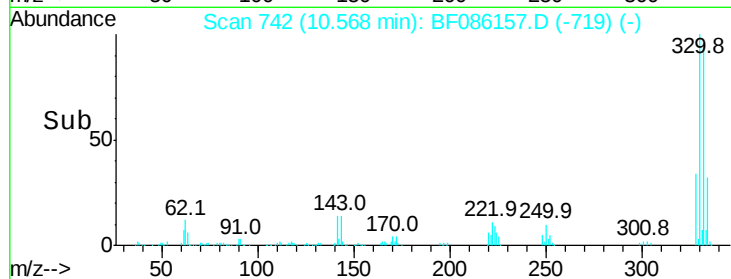
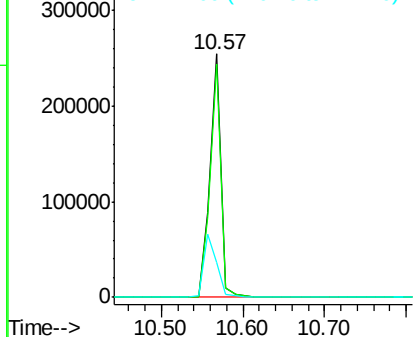
#41
 2,4,6-Tribromophenol
 Concen: 136.62 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086157.D
 Acq: 8 Apr 2016 4:10

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-06(0.5-20)

Tot Ion:330 Resp: 247903
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.2 117.2
 141 30.6 31.5 47.3#

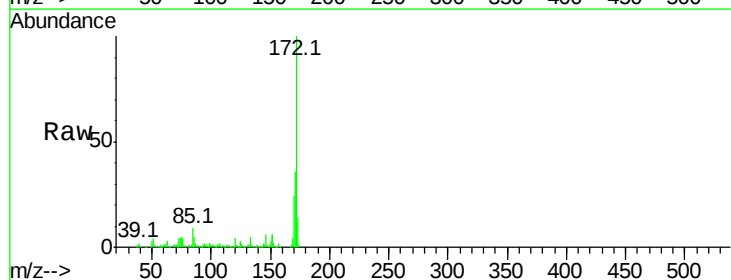


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

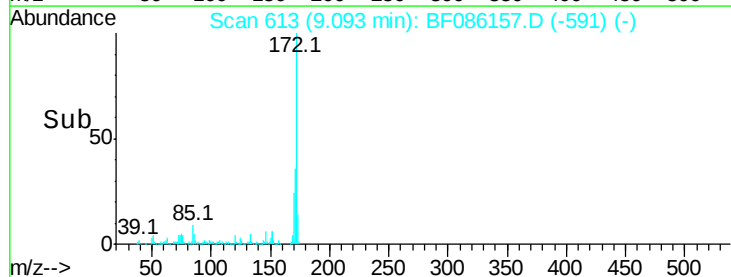
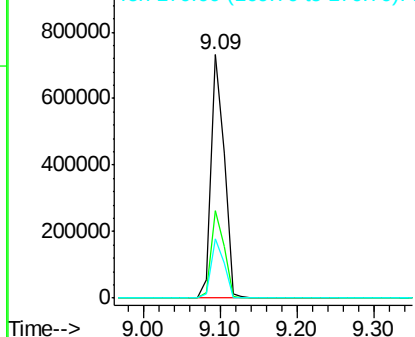


#44
 2-Fluorobiphenyl
 Concen: 73.74 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086157.D
 Acq: 8 Apr 2016 4:10

Tgt Ion:172 Resp: 857352
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.2 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: 9.29 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086157.D

Acq: 8 Apr 2016 4:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-06(0.5-20)

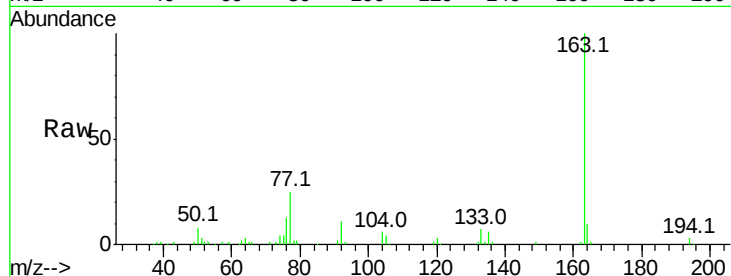
Tot Ion:163 Resp: 133062

Ion Ratio Lower Upper

163 100

194 3.0 2.9 4.3

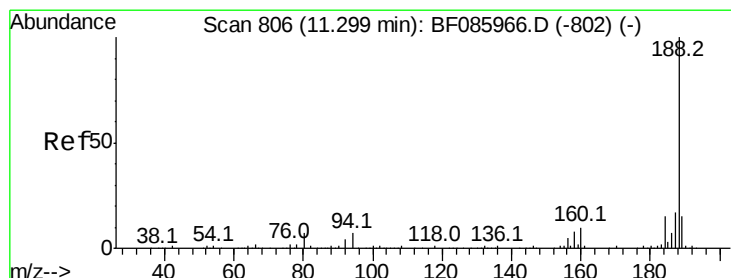
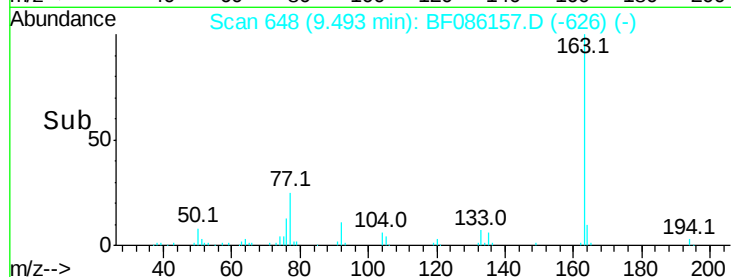
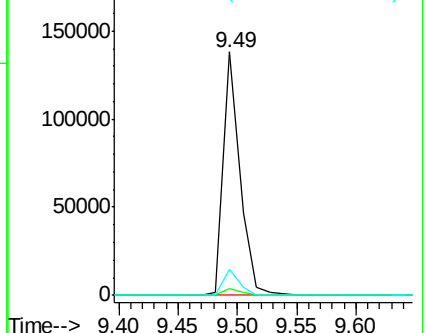
164 10.5 8.3 12.5



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: 11.25 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF086157.D

Acq: 8 Apr 2016 4:10

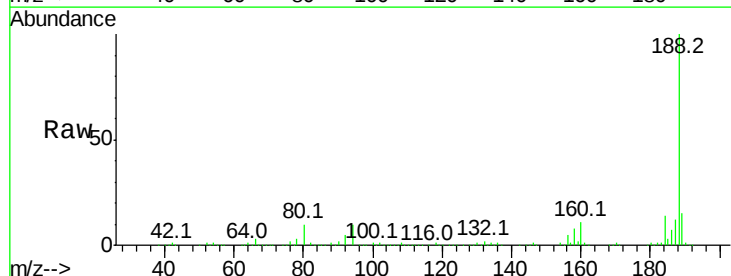
Tgt Ion:188 Resp: 375562

Ion Ratio Lower Upper

188 100

94 9.8 5.4 8.0#

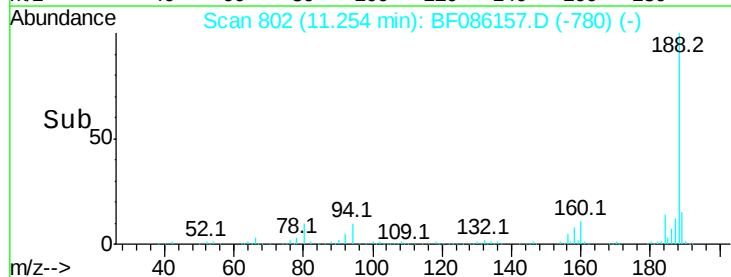
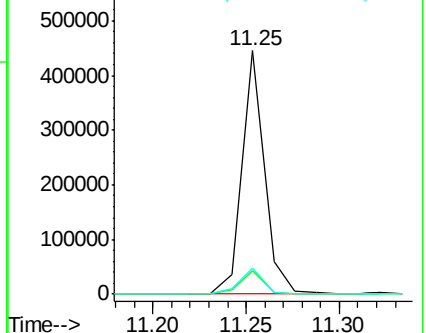
80 10.4 5.5 8.3#

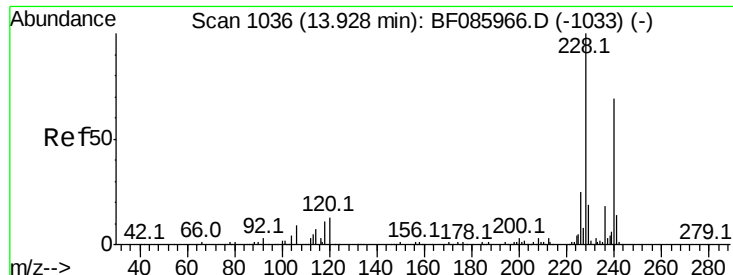


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086157.D

Acq: 8 Apr 2016 4:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-06(0.5-20)

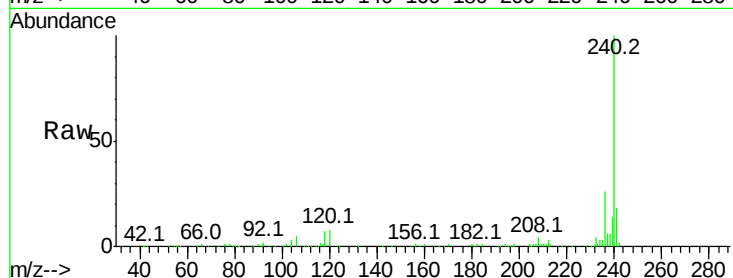
Tot Ion:240 Resp: 250675

Ion Ratio Lower Upper

240 100

120 8.2 13.8 20.8#

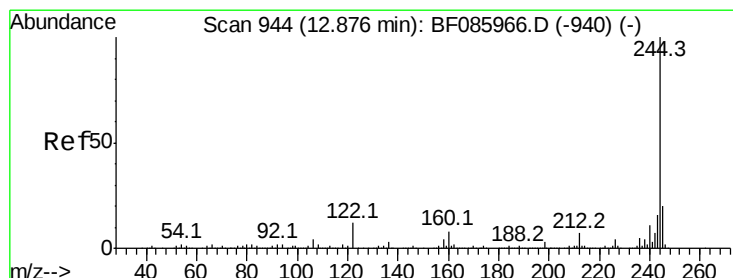
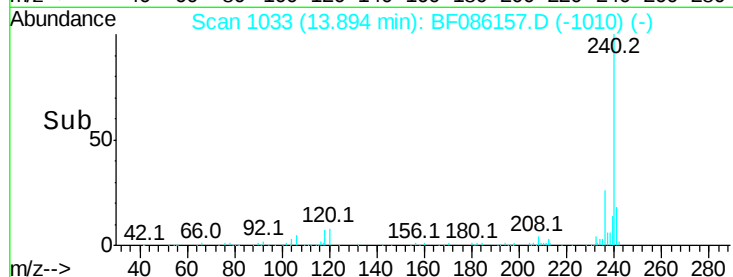
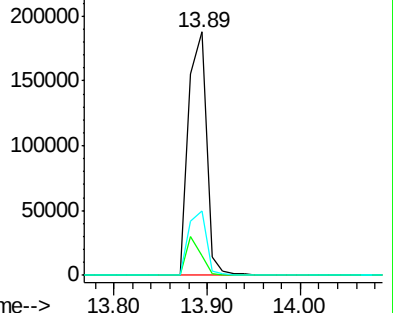
236 26.4 20.6 30.8



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: 90.84 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086157.D

Acq: 8 Apr 2016 4:10

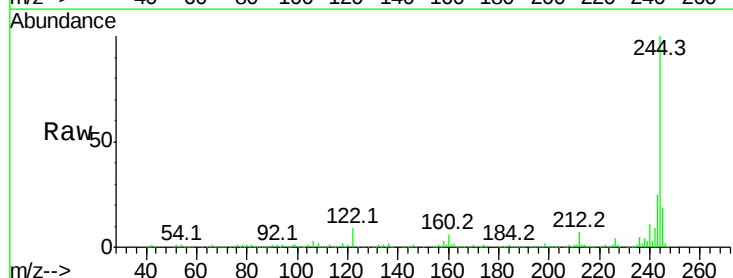
Tgt Ion:244 Resp: 968753

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

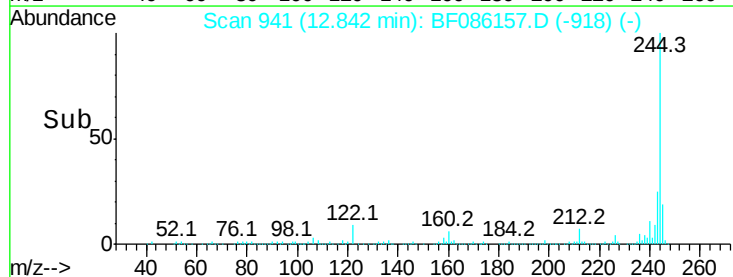
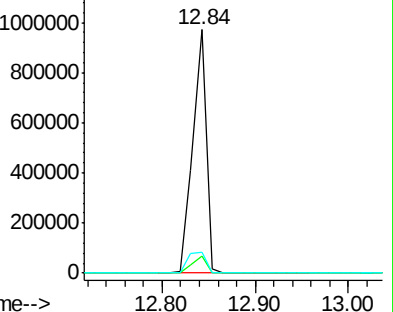
122 8.7 10.2 15.4#

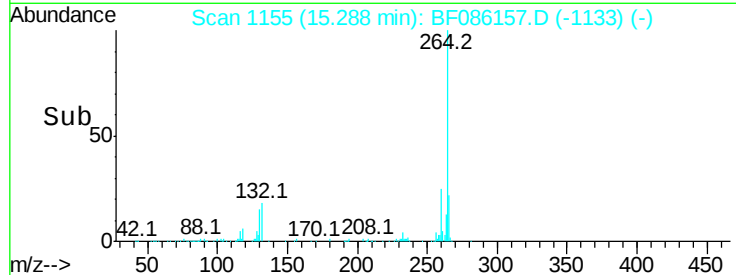
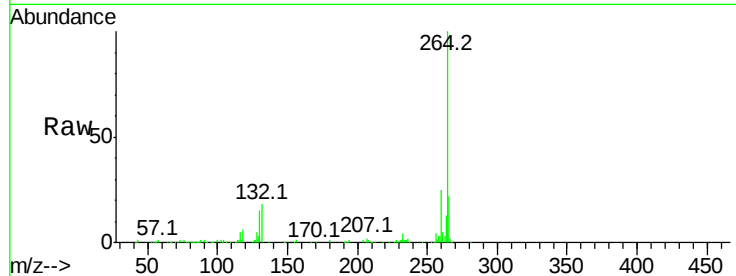
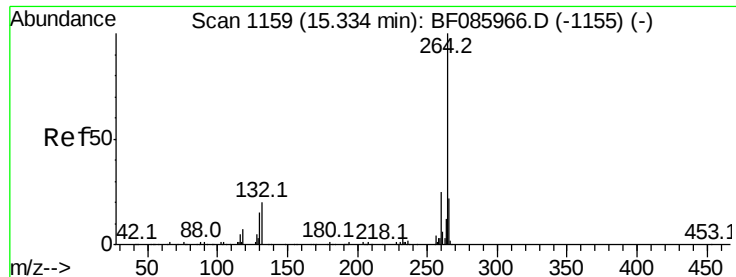


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF086157.D
Acq: 8 Apr 2016 4:10

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-06(0.5-20)

Tot Ion:	264	Resp:	189434
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.4	29.2
265	22.2	17.2	25.8

