

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086065.D
 Acq On : 5 Apr 2016 5:34
 Operator : UM/SJ
 Sample : H2111-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-40COMP(0.5-15.0)

Quant Time: Apr 05 06:03:11 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

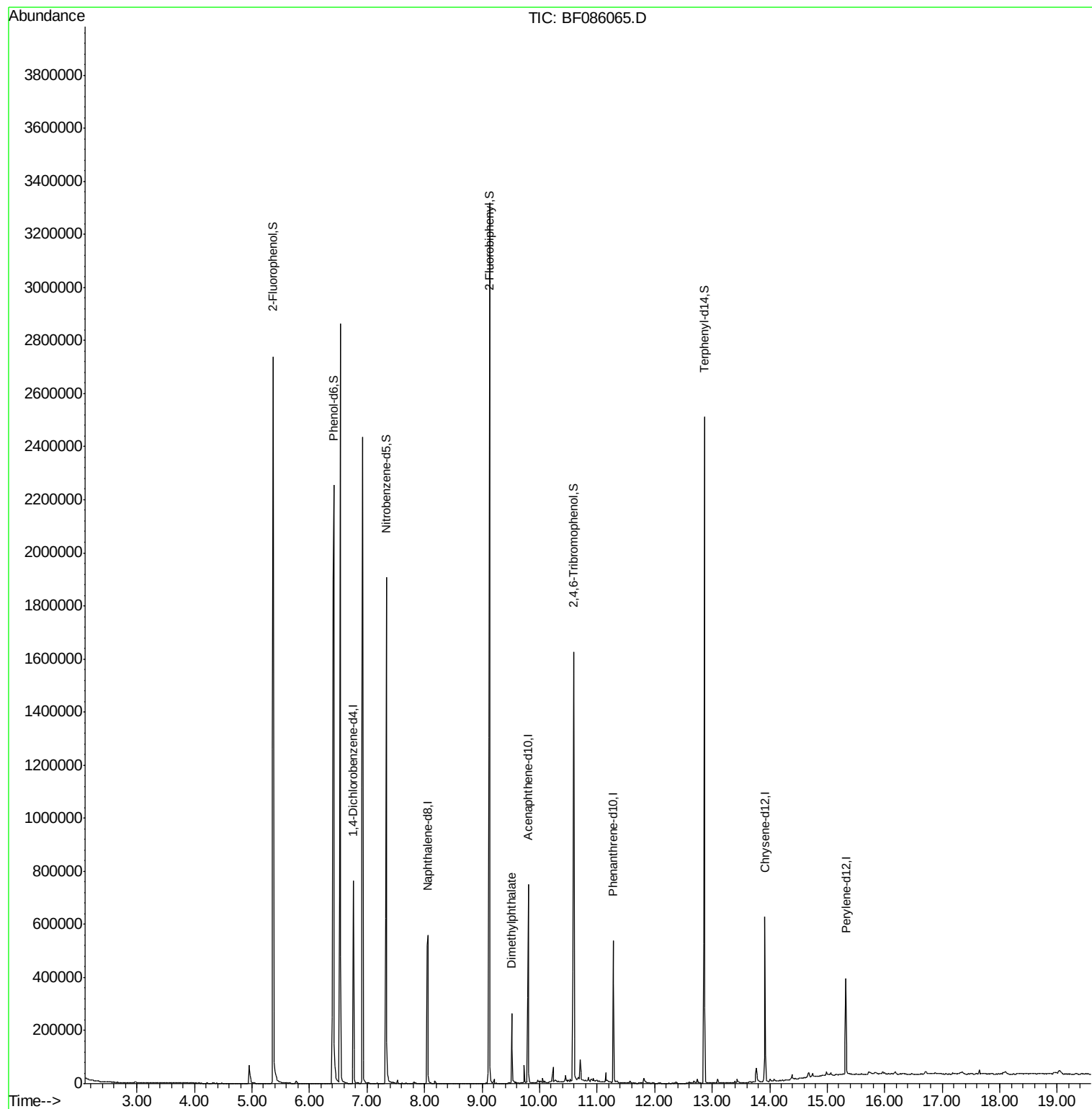
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	111526	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	396458	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	163299	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	255992	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	202496	20.00	ng	-0.01
86) Perylene-d12	15.32	264	150146	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	940865	144.20	ng	0.00
7) Phenol-d6	6.42	99	1240855	149.73	ng	0.00
23) Nitrobenzene-d5	7.33	82	684614	101.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	192044	125.30	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1101040	112.11	ng	-0.01
78) Terphenyl-d14	12.87	244	752095	87.31	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.52	163	122851	10.15	ng	Qvalue 99

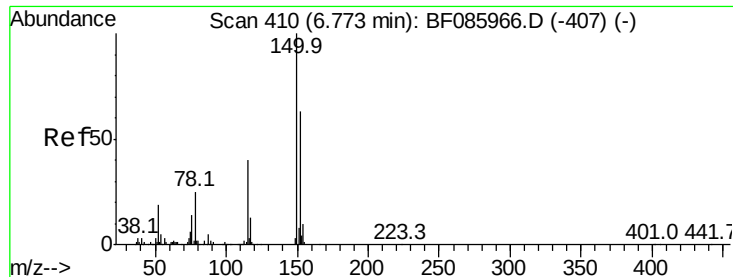
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086065.D

Acq: 5 Apr 2016 5:34

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-40COMP(0.5-15.0)

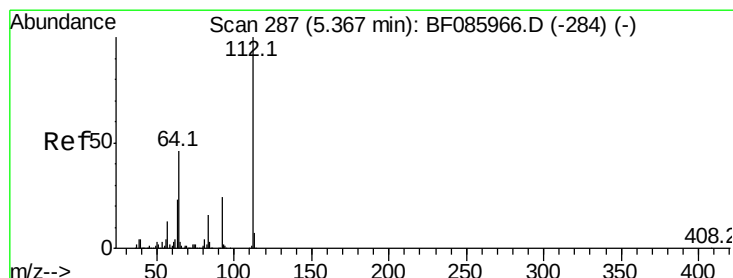
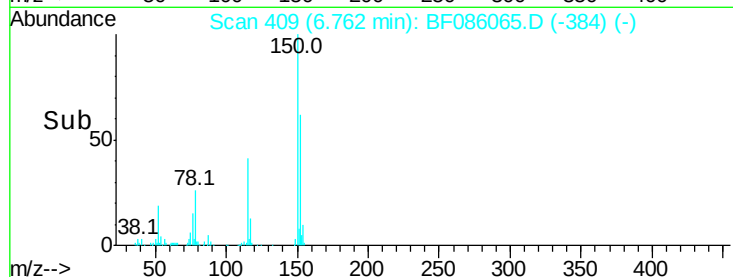
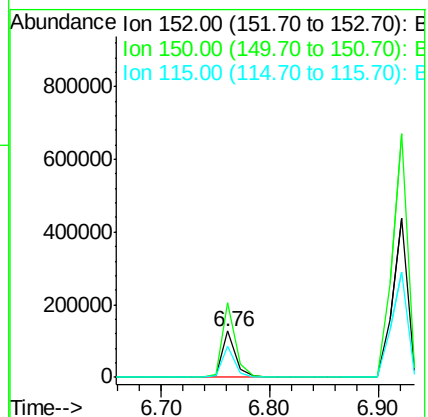
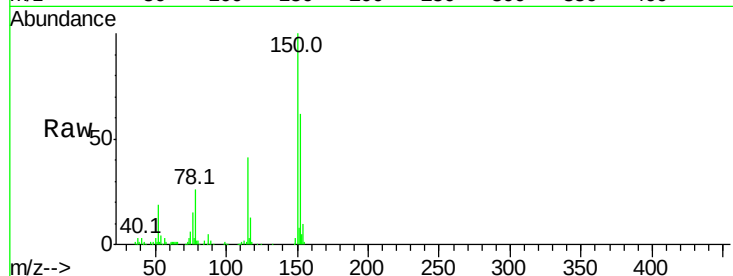
Tot Ion:152 Resp: 111526

Ion Ratio Lower Upper

152 100

150 161.1 124.2 186.2

115 66.0 47.0 70.6



#5

2-Fluorophenol

Concen: 144.20 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086065.D

Acq: 5 Apr 2016 5:34

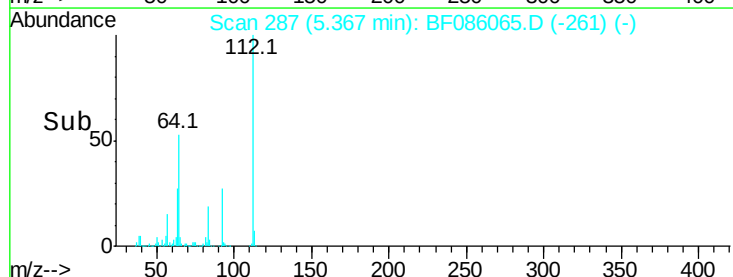
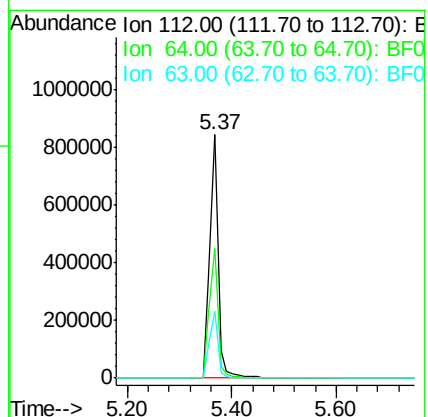
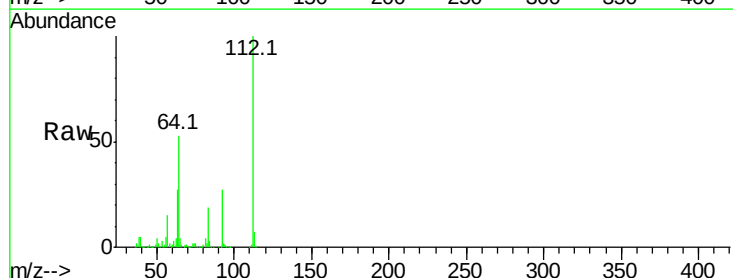
Tgt Ion:112 Resp: 940865

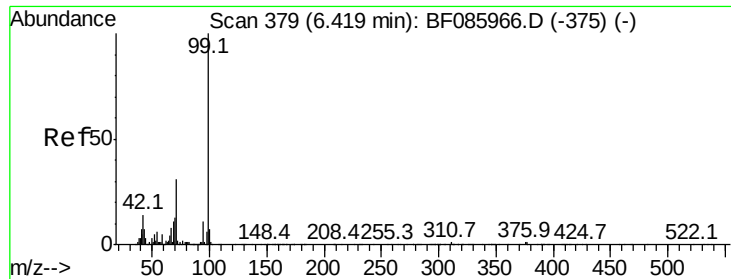
Ion Ratio Lower Upper

112 100

64 53.5 39.9 59.9

63 27.3 20.2 30.2





#7

Phenol-d6

Concen: 149.73 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086065.D

Acq: 5 Apr 2016 5:34

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-40COMP(0.5-15.0)

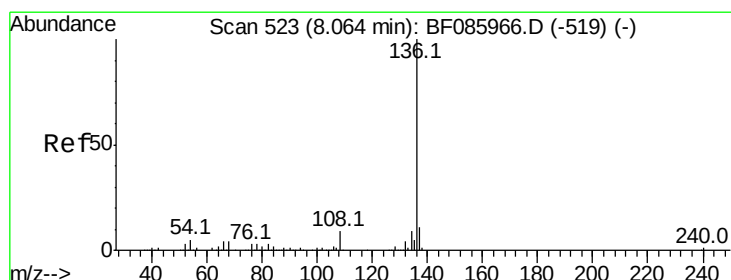
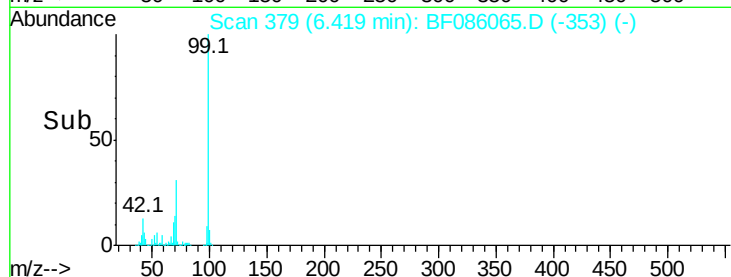
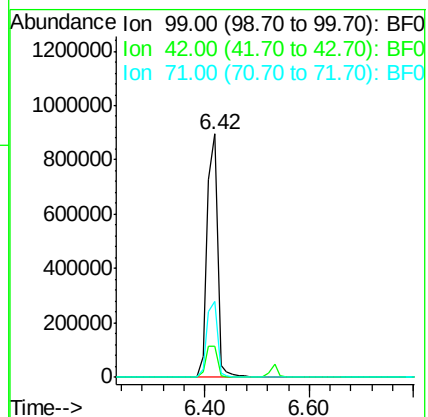
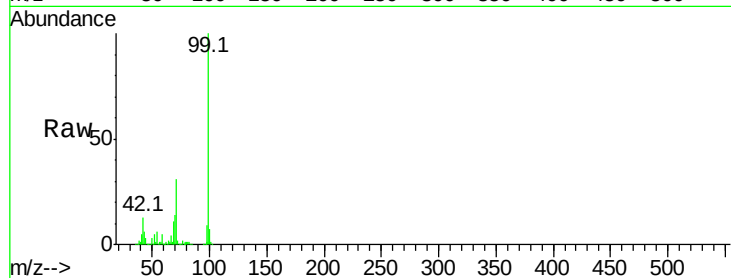
Tot Ion: 99 Resp: 1240855

Ion Ratio Lower Upper

99 100

42 12.9 11.1 16.7

71 31.1 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: BF086065.D

Acq: 5 Apr 2016 5:34

Tgt Ion: 136 Resp: 396458

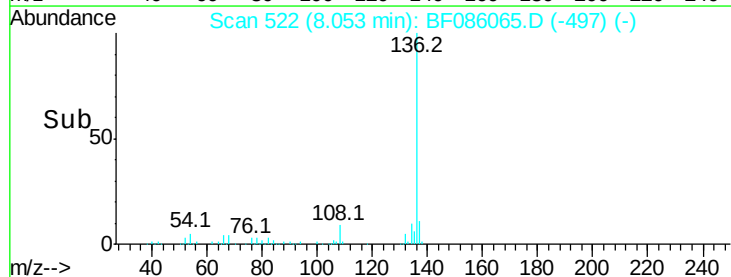
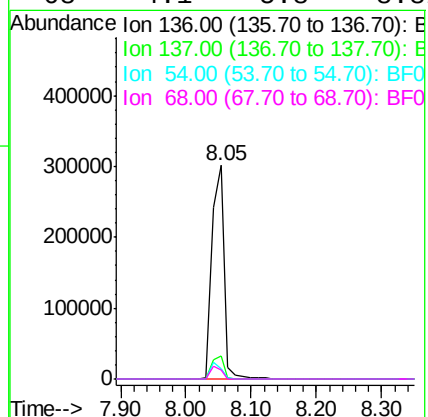
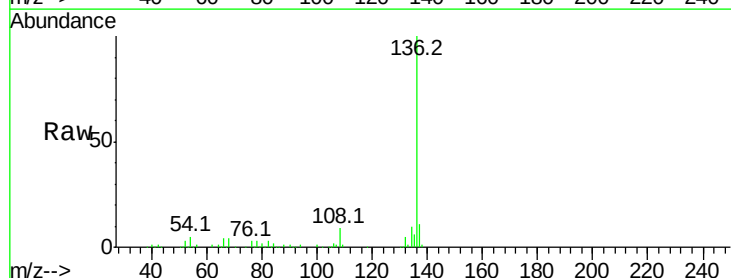
Ion Ratio Lower Upper

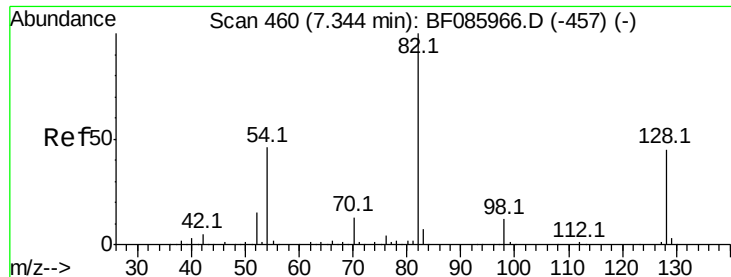
136 100

137 10.5 9.1 13.7

54 4.7 7.4 11.0#

68 4.1 5.8 8.8#

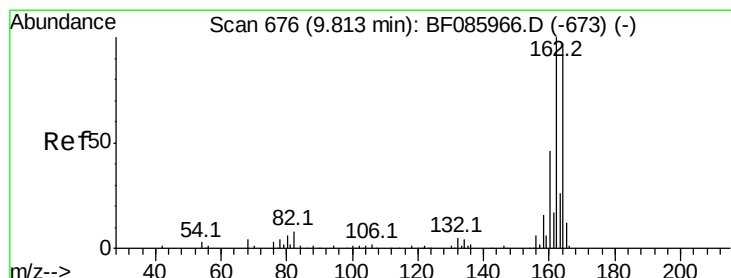
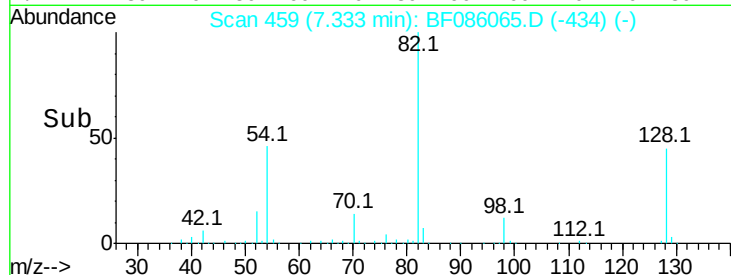
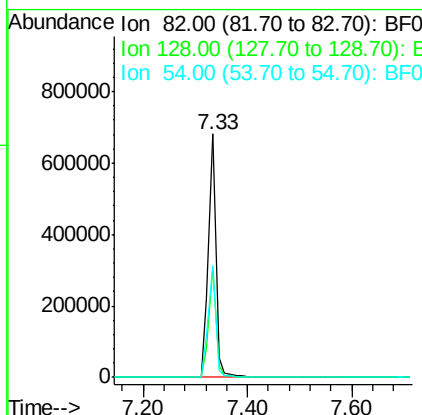
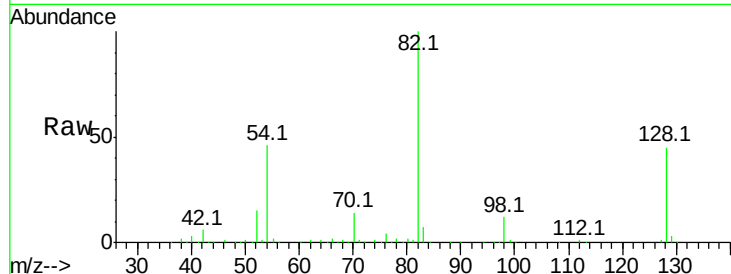




#23
Nitrobenzene-d5
Concen: 101.83 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086065.D
Acq: 5 Apr 2016 5:34

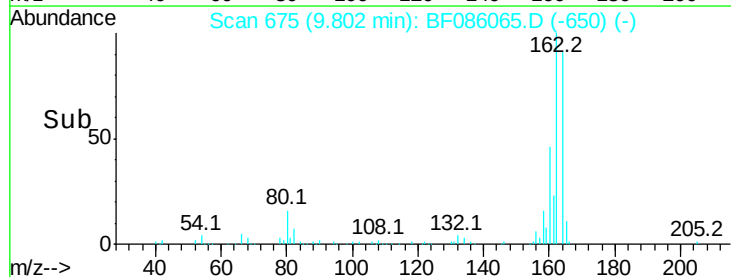
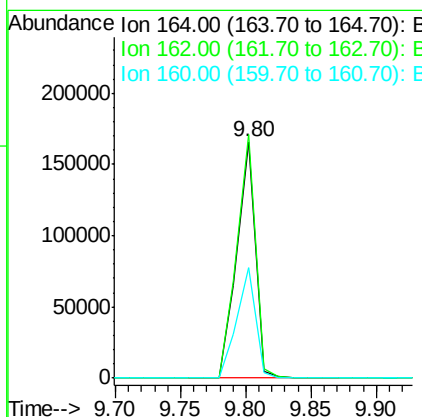
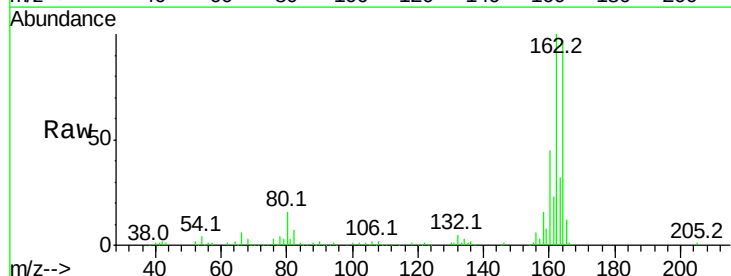
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-40COMP(0.5-15.0)

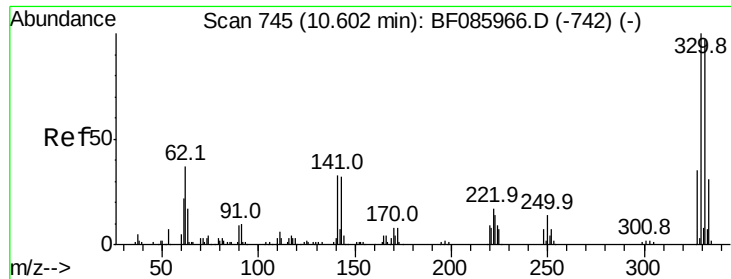
Tot Ion: 82 Resp: 684614
Ion Ratio Lower Upper
82 100
128 44.8 41.8 62.8
54 45.9 33.4 50.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086065.D
Acq: 5 Apr 2016 5:34

Tgt Ion:164 Resp: 163299
Ion Ratio Lower Upper
164 100
162 103.1 82.1 123.1
160 46.9 37.4 56.2

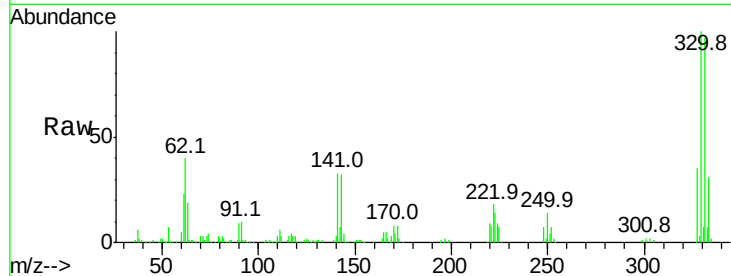




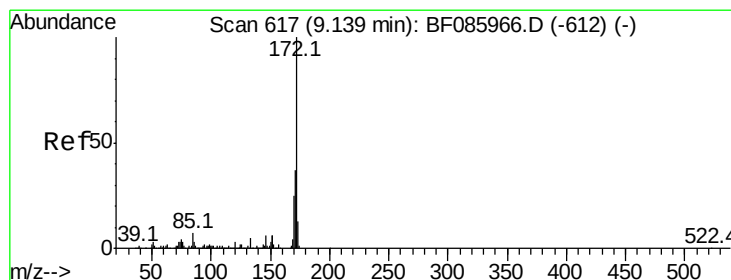
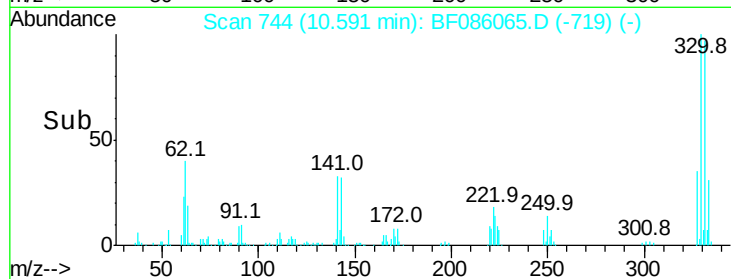
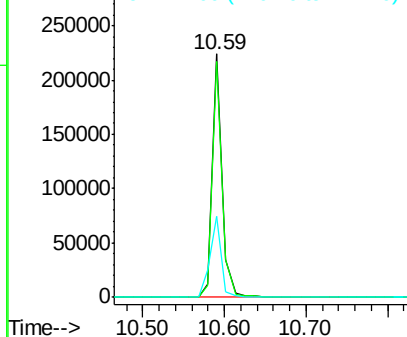
#41
 2,4,6-Tribromophenol
 Concen: 125.30 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086065.D
 Acq: 5 Apr 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-40COMP(0.5-15.0)

Tot Ion:330 Resp: 192044
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.2 117.2
 141 38.5 31.5 47.3

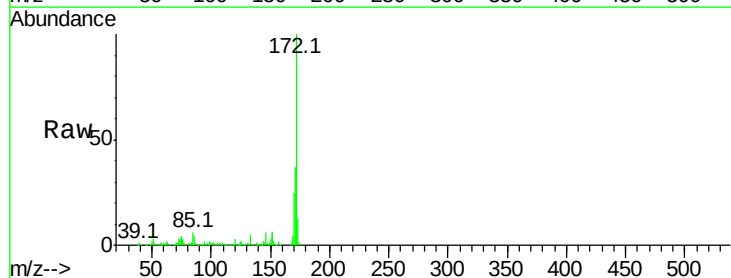


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

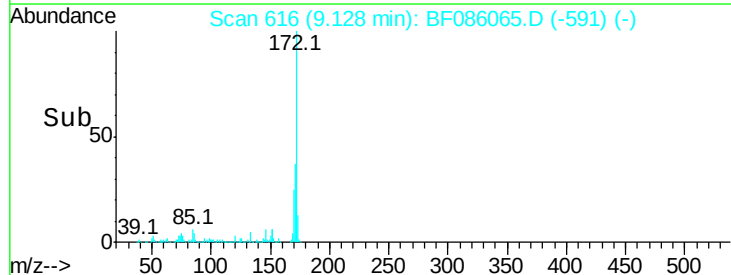
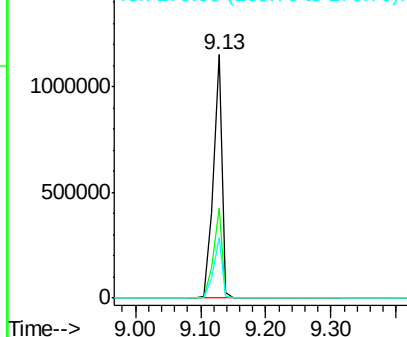


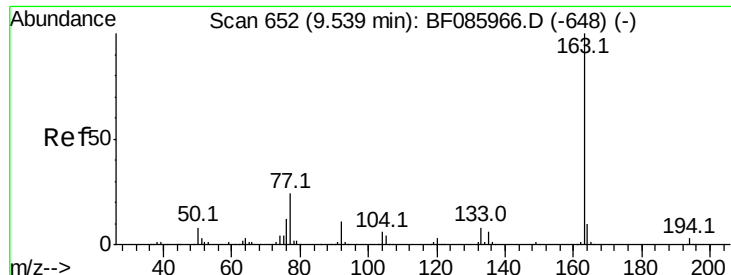
#44
 2-Fluorobiphenyl
 Concen: 112.11 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086065.D
 Acq: 5 Apr 2016 5:34

Tgt Ion:172 Resp: 1101040
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.9 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: 10.15 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF086065.D

Acq: 5 Apr 2016 5:34

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-40COMP(0.5-15.0)

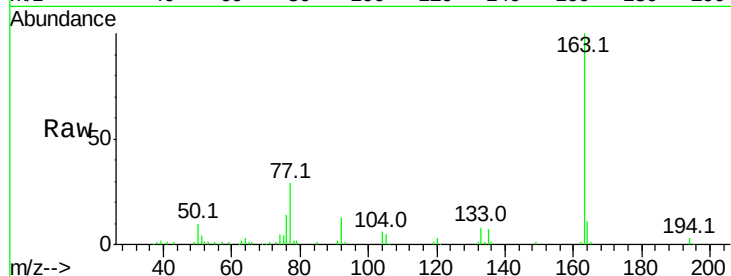
Tot Ion:163 Resp: 122851

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

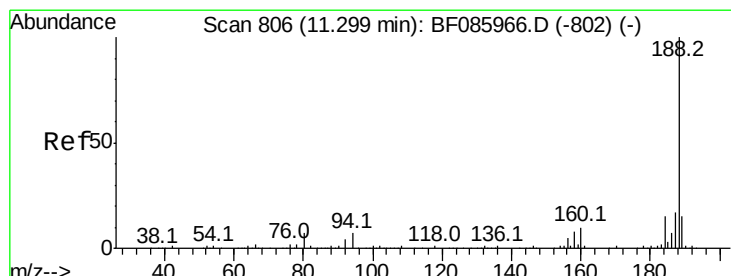
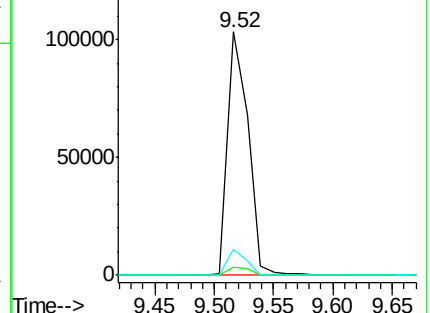
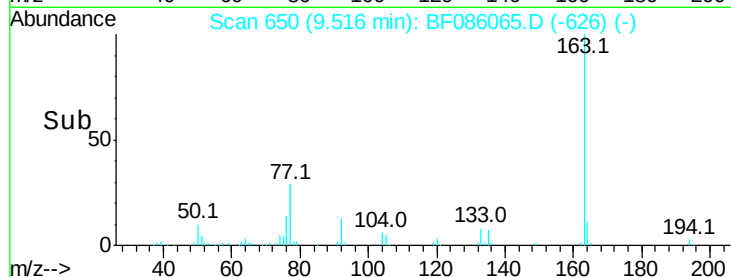
164 10.6 8.3 12.5



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: BF086065.D

Acq: 5 Apr 2016 5:34

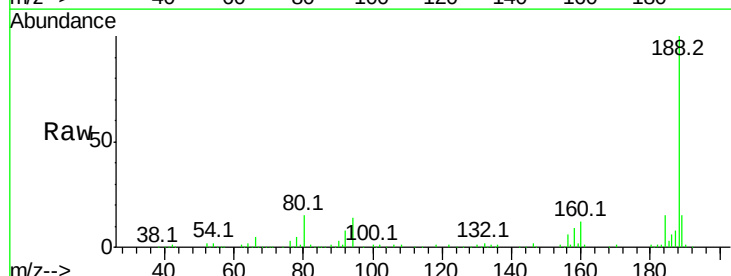
Tgt Ion:188 Resp: 255992

Ion Ratio Lower Upper

188 100

94 13.5 5.4 8.0#

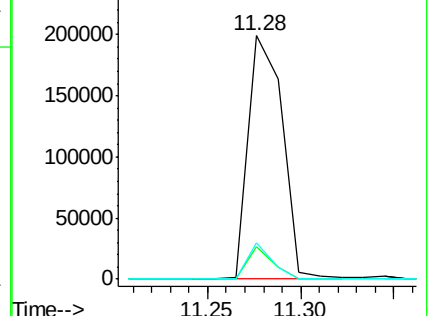
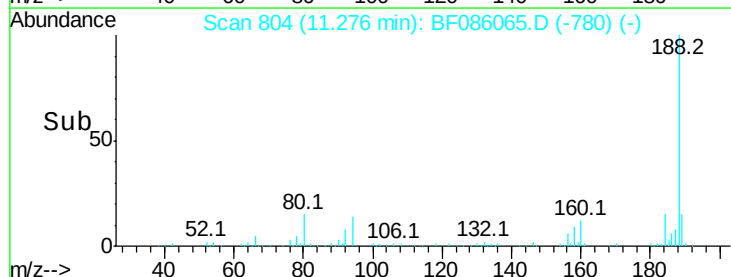
80 15.0 5.5 8.3#

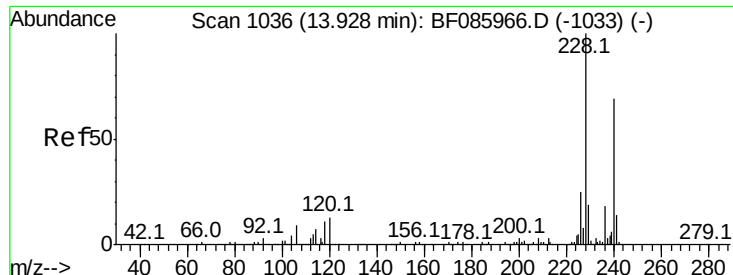


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF086065.D

Acq: 5 Apr 2016 5:34

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-40COMP(0.5-15.0)

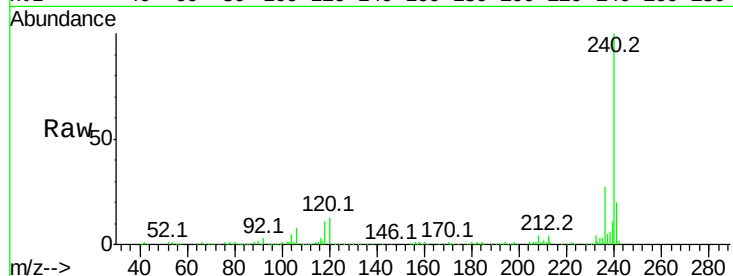
Tot Ion:240 Resp: 202496

Ion Ratio Lower Upper

240 100

120 12.6 13.8 20.8#

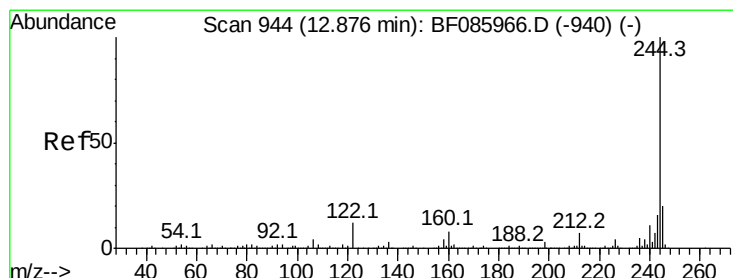
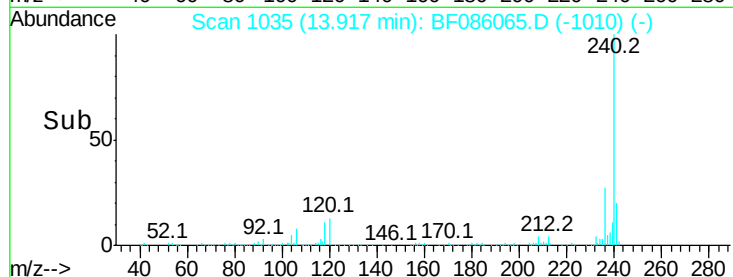
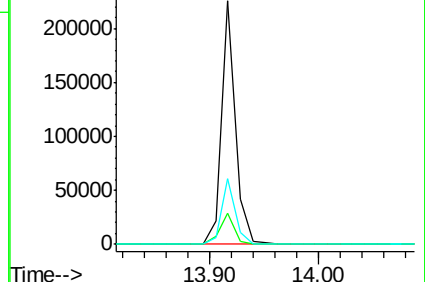
236 27.1 20.6 30.8



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: 87.31 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086065.D

Acq: 5 Apr 2016 5:34

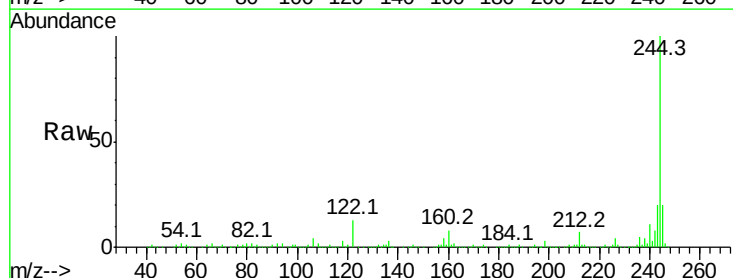
Tgt Ion:244 Resp: 752095

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

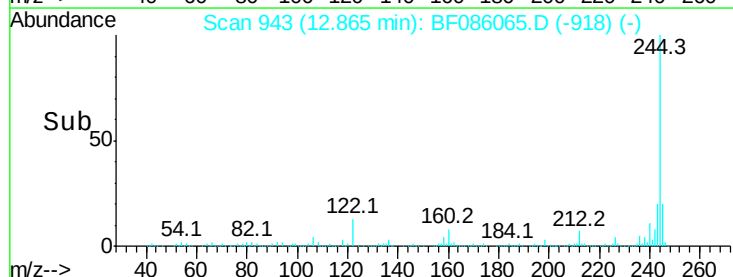
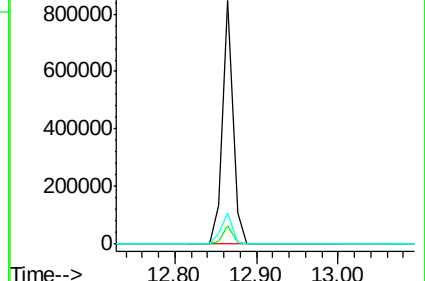
122 12.7 10.2 15.4

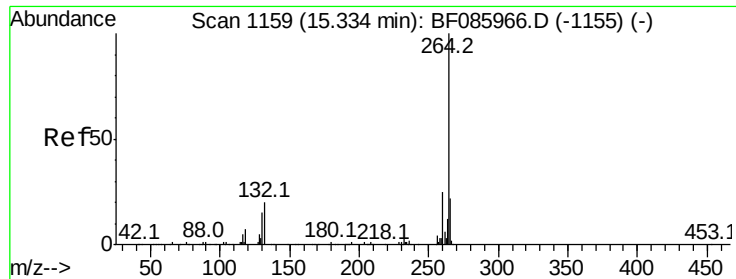


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

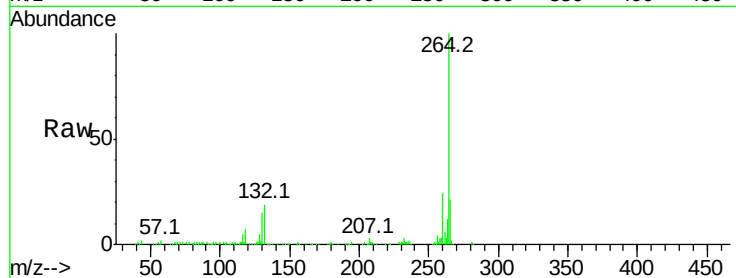




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF086065.D
 Acq: 5 Apr 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-40COMP(0.5-15.0)

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

