

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086151.D
 Acq On : 8 Apr 2016 1:20
 Operator : UM/SJ
 Sample : H2282-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-08(0.5-20.0)

Quant Time: Apr 08 03:58:17 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

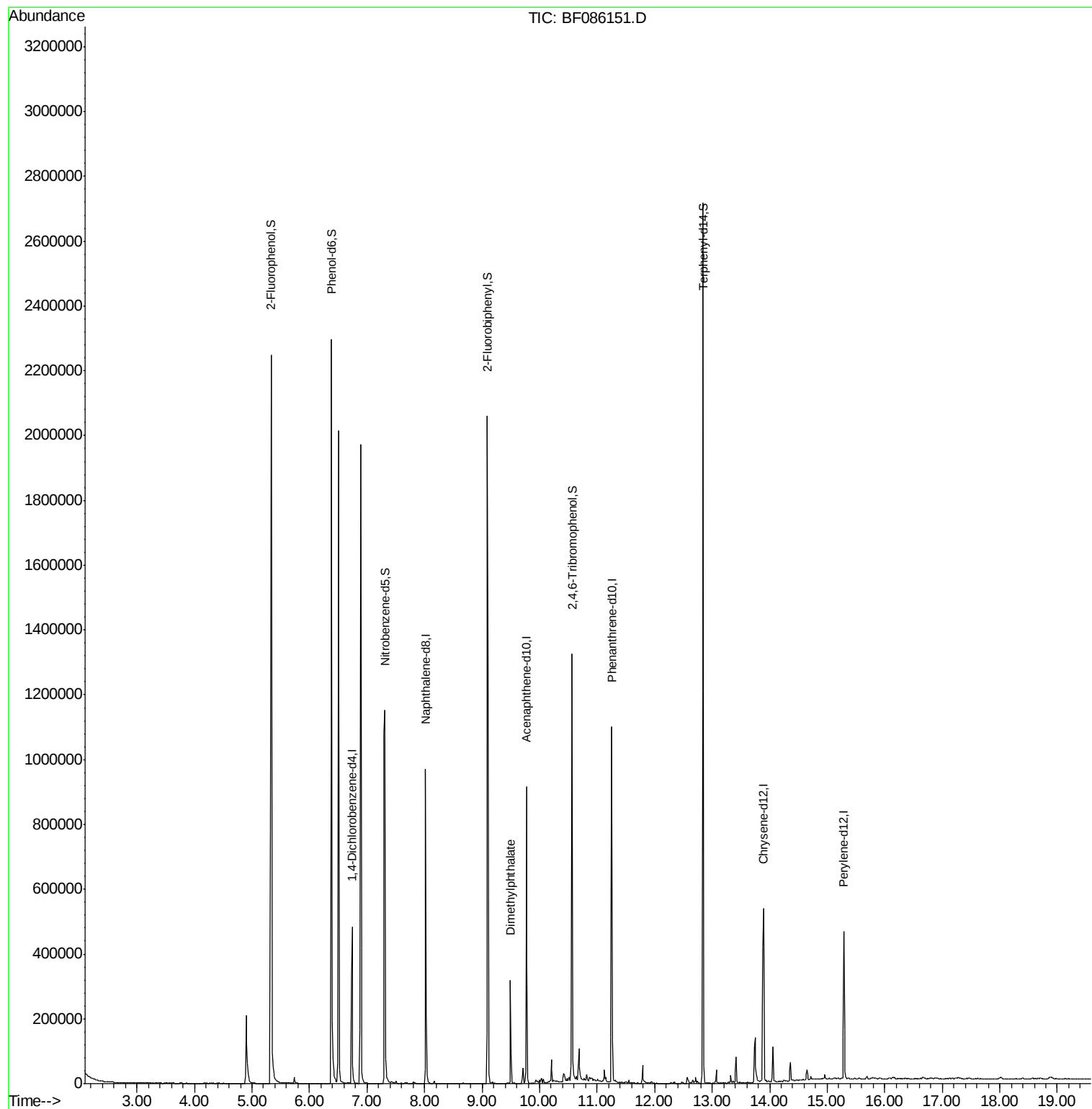
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	102640	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	442740	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	194615	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	378160	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	249800	20.00	ng	-0.03
86) Perylene-d12	15.29	264	192413	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	762660	127.01	ng	-0.03
7) Phenol-d6	6.38	99	993703	130.28	ng	-0.03
23) Nitrobenzene-d5	7.31	82	602413	80.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	255540	139.90	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	861792	73.63	ng	-0.05
78) Terphenyl-d14	12.84	244	929495	87.47	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.49	163	130735	9.06	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: BF086151.D

Acq: 8 Apr 2016 1:20

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)

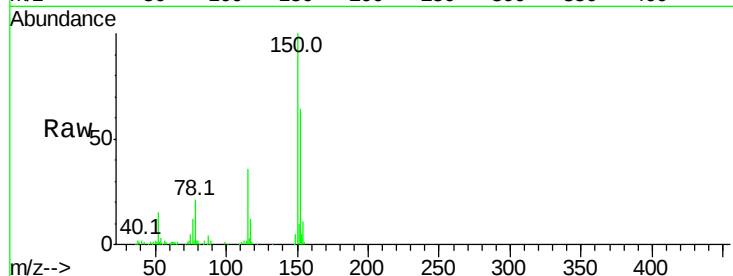
Tot Ion:152 Resp: 102640

Ion Ratio Lower Upper

152 100

150 156.2 124.2 186.2

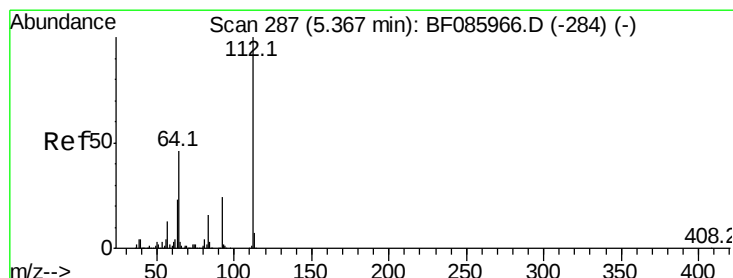
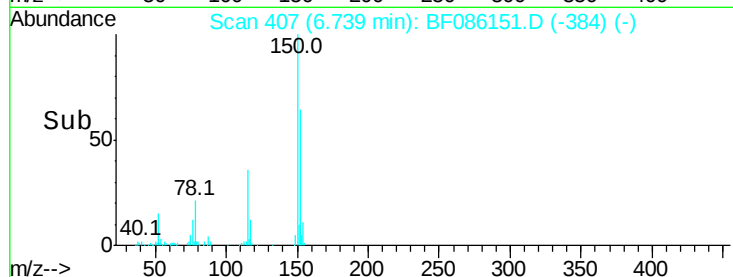
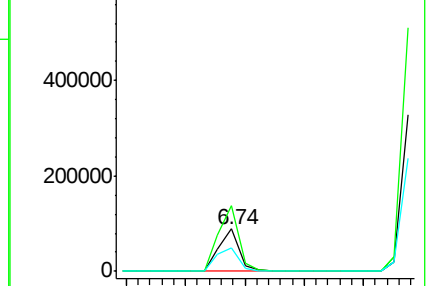
115 56.9 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 127.01 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086151.D

Acq: 8 Apr 2016 1:20

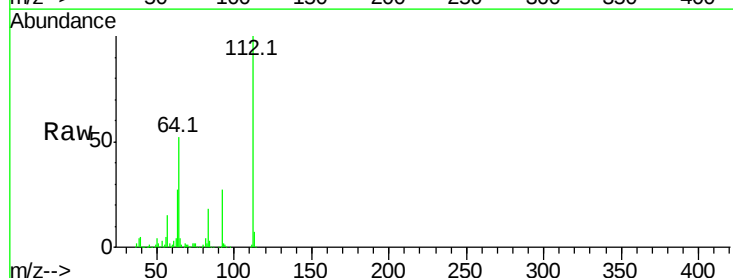
Tgt Ion:112 Resp: 762660

Ion Ratio Lower Upper

112 100

64 52.4 39.9 59.9

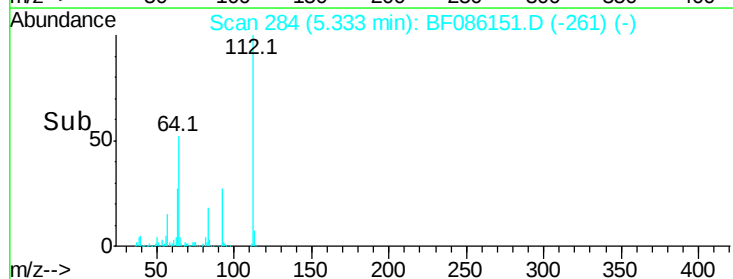
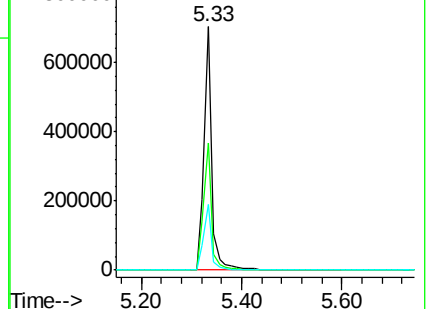
63 26.7 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.28 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086151.D

Acq: 8 Apr 2016 1:20

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)

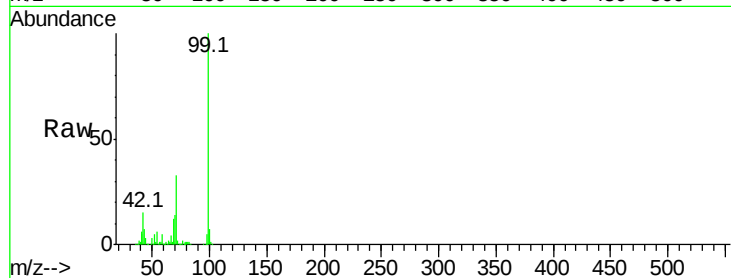
Tot Ion: 99 Resp: 993703

Ion Ratio Lower Upper

99 100

42 14.6 11.1 16.7

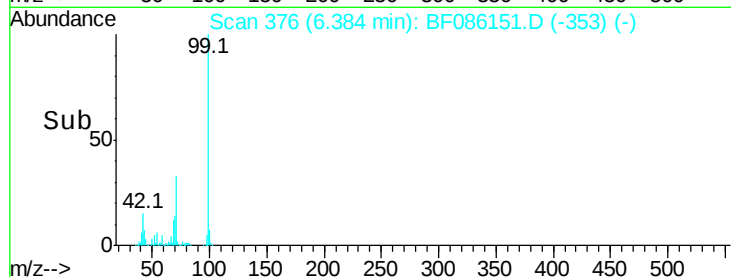
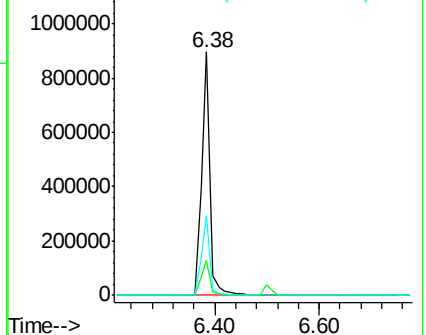
71 32.8 24.9 37.3



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: BF086151.D

Acq: 8 Apr 2016 1:20

Tgt Ion: 136 Resp: 442740

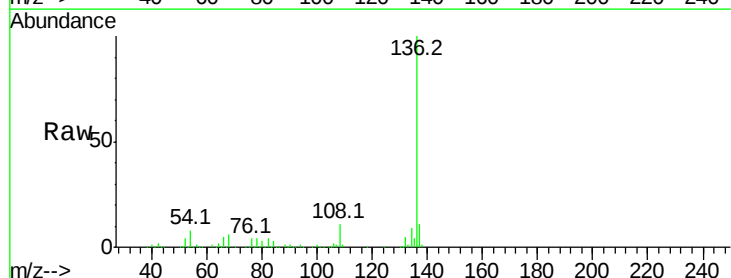
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.5 7.4 11.0

68 6.3 5.8 8.8

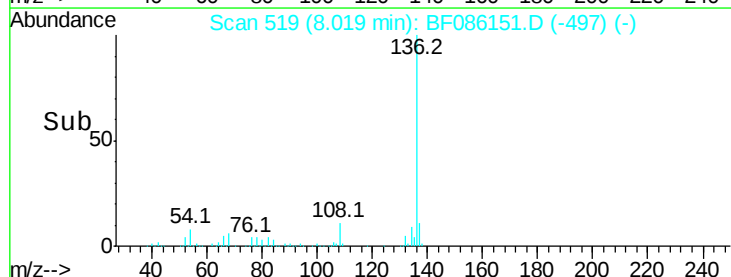
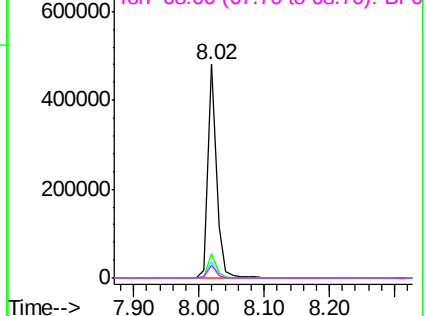


Abundance Ion 136.00 (135.70 to 136.70): E

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

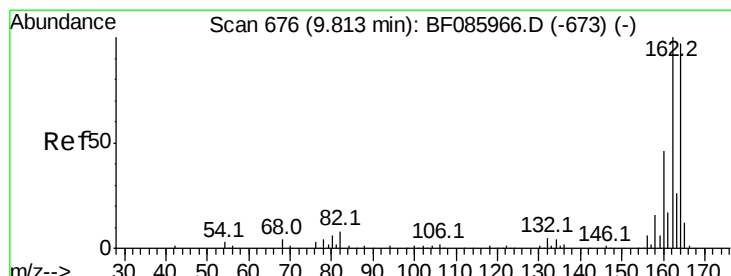
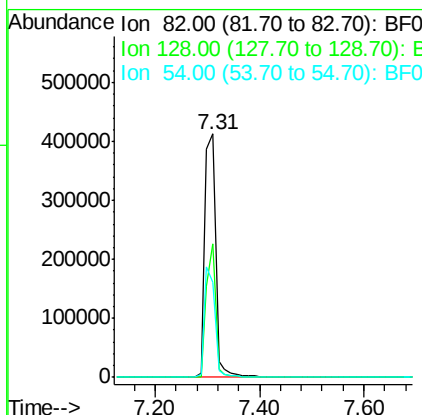
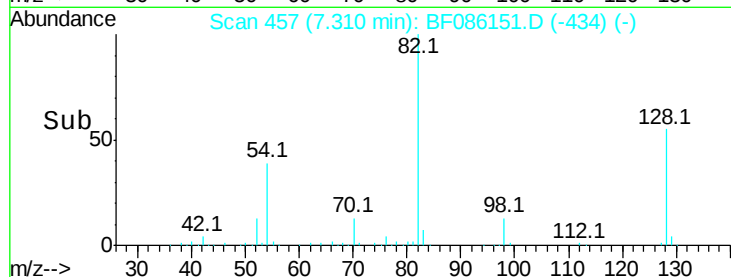
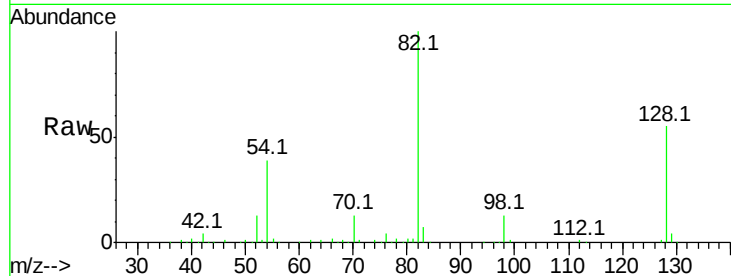




#23
 Nitrobenzene-d5
 Concen: 80.24 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086151.D
 Acq: 8 Apr 2016 1:20

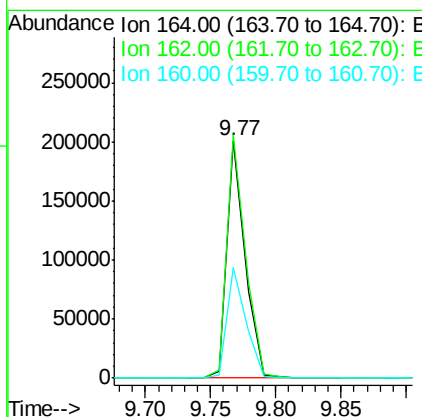
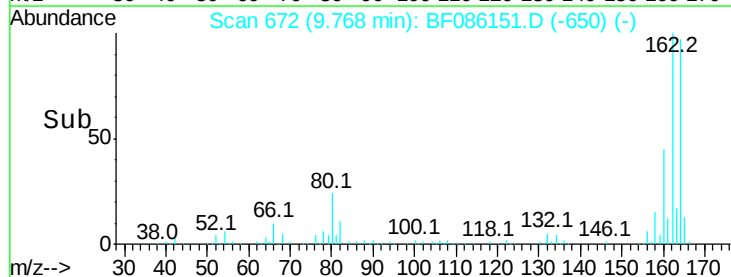
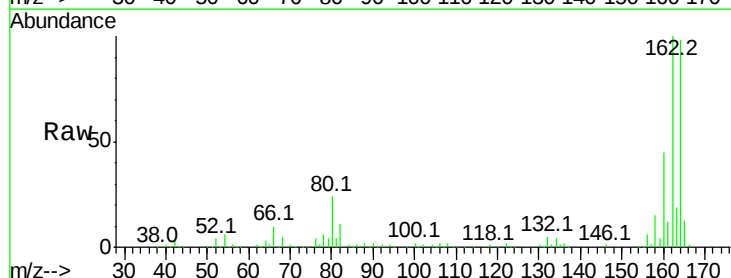
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-08(0.5-20.0)

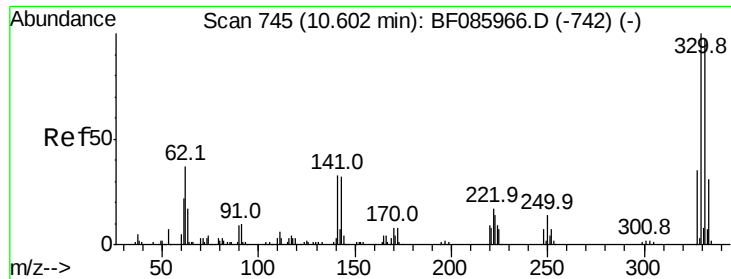
Tot Ion	Ratio	Lower	Upper
82	100		
128	54.8	41.8	62.8
54	39.2	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086151.D
 Acq: 8 Apr 2016 1:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.1	123.1
160	46.5	37.4	56.2

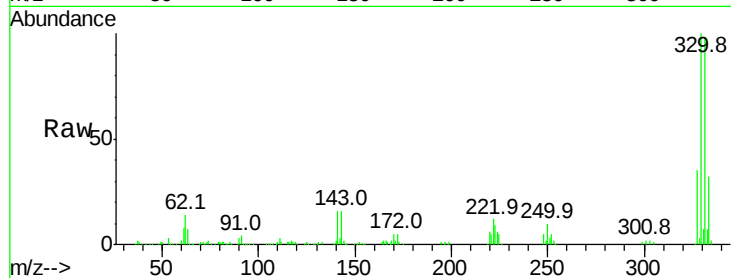




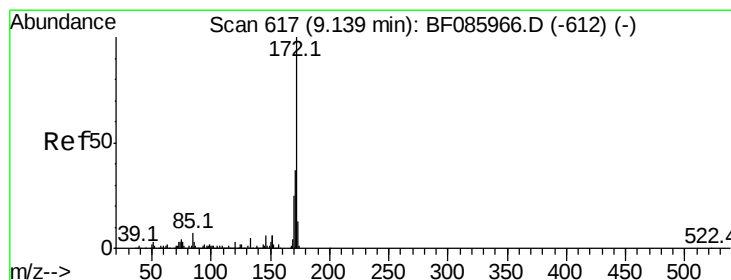
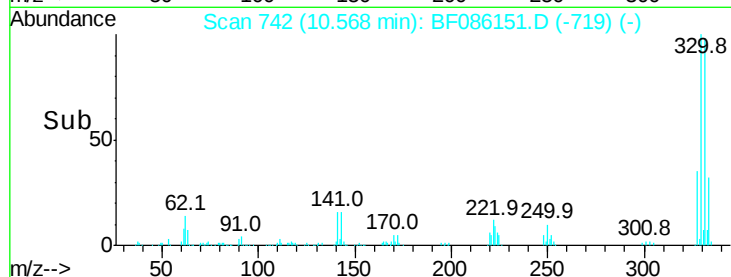
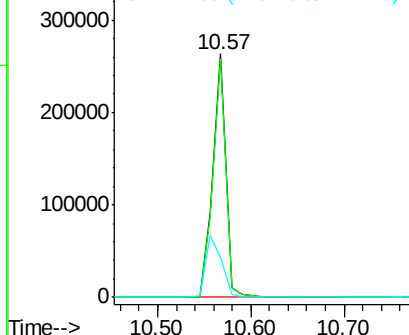
#41
 2,4,6-Tribromophenol
 Concen: 139.90 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086151.D
 Acq: 8 Apr 2016 1:20

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-08(0.5-20.0)

Tot Ion:330 Resp: 255540
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.2 117.2
 141 31.6 31.5 47.3

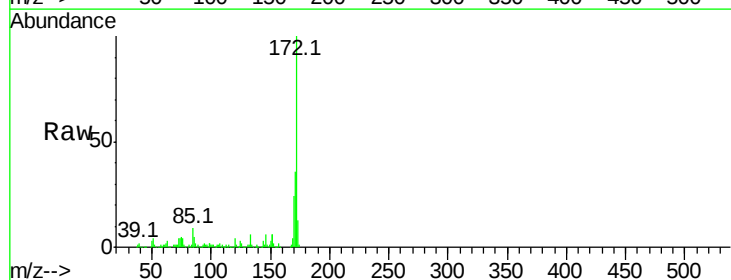


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

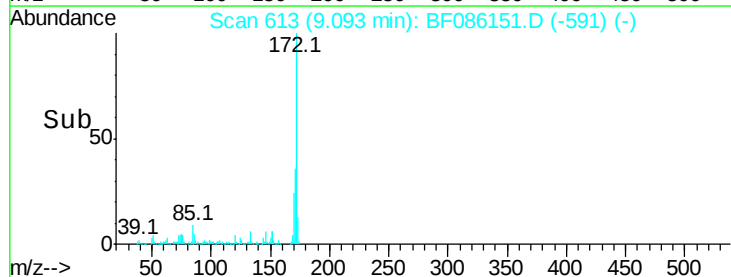
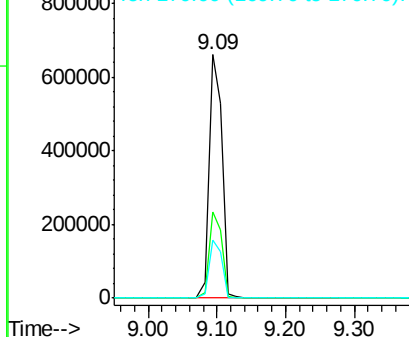


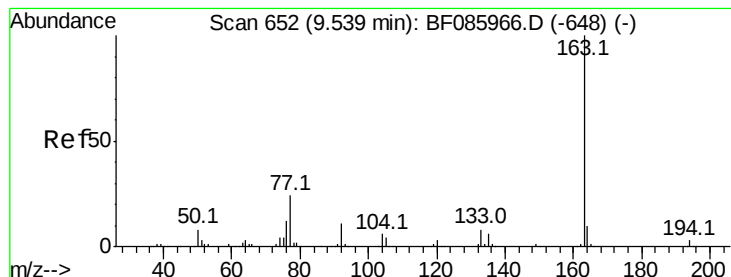
#44
 2-Fluorobiphenyl
 Concen: 73.63 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086151.D
 Acq: 8 Apr 2016 1:20

Tgt Ion:172 Resp: 861792
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.2
 170 23.7 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: 9.06 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086151.D

Acq: 8 Apr 2016 1:20

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)

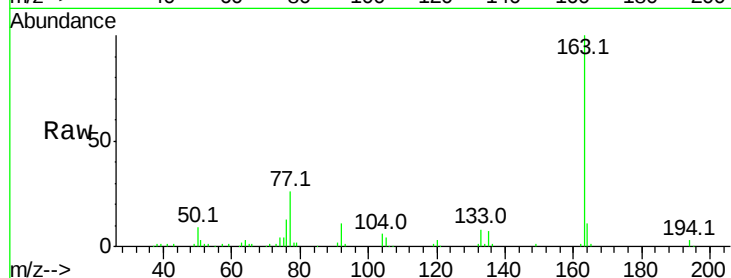
Tot Ion:163 Resp: 130735

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

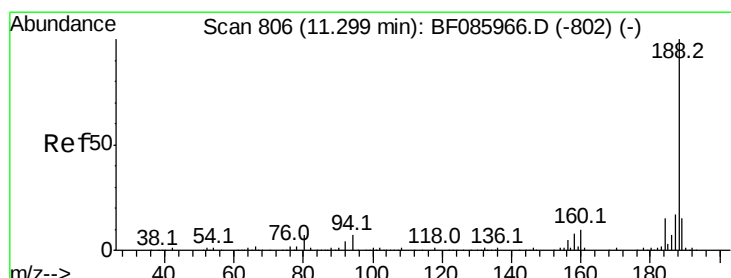
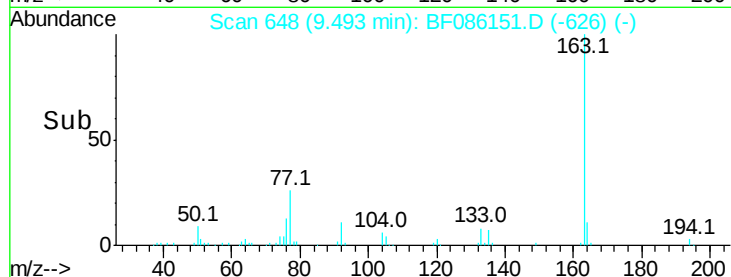
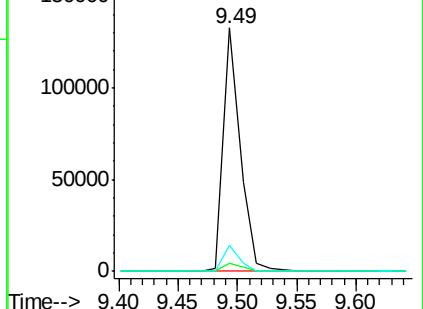
164 10.8 8.3 12.5



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: 11.25 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF086151.D

Acq: 8 Apr 2016 1:20

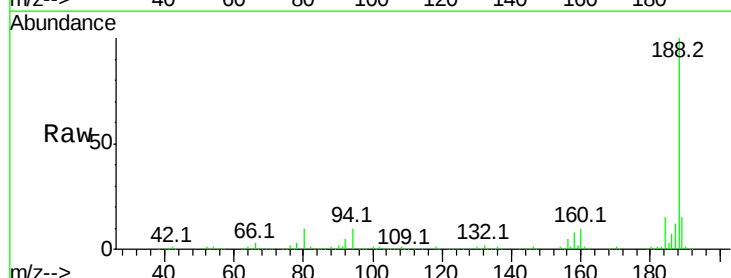
Tgt Ion:188 Resp: 378160

Ion Ratio Lower Upper

188 100

94 9.8 5.4 8.0#

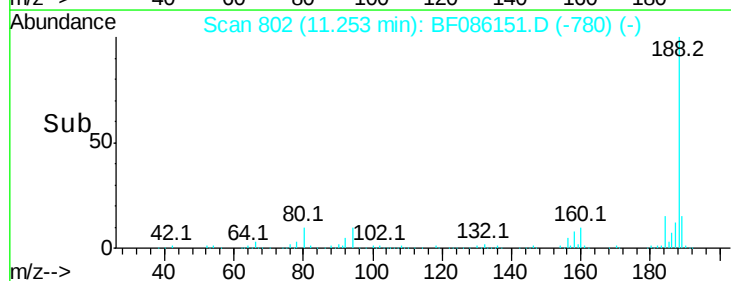
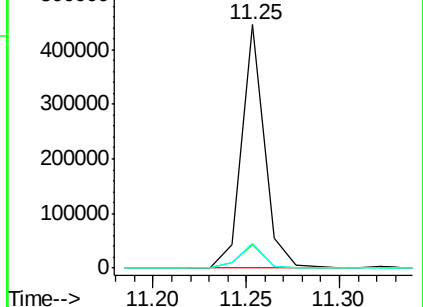
80 10.2 5.5 8.3#

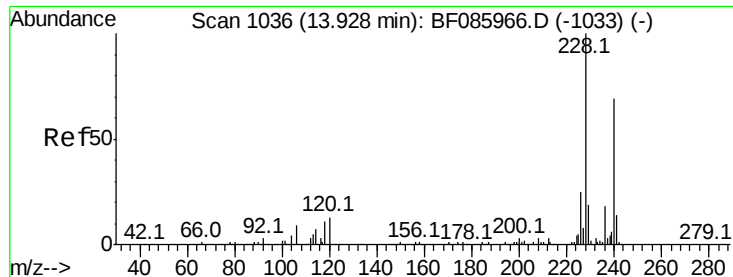


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086151.D

Acq: 8 Apr 2016 1:20

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)

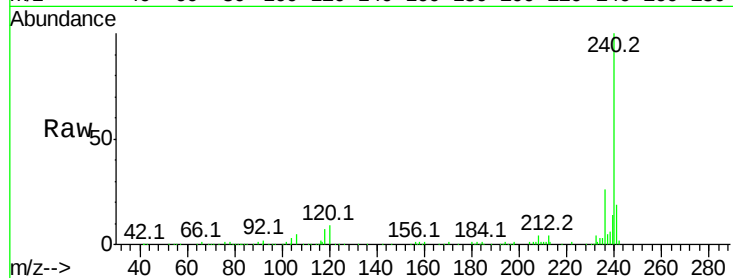
Tot Ion:240 Resp: 249800

Ion Ratio Lower Upper

240 100

120 8.8 13.8 20.8#

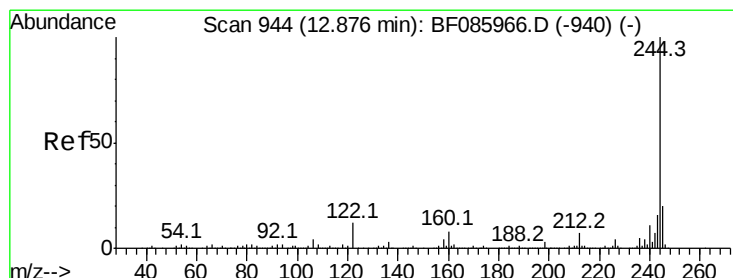
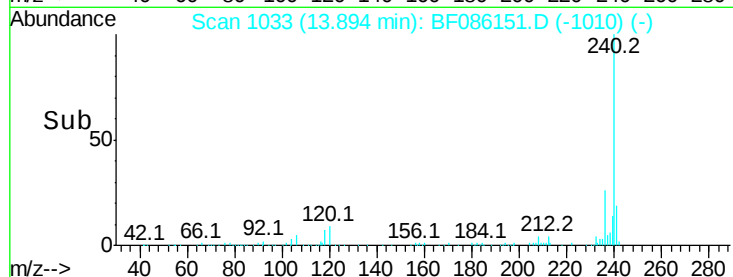
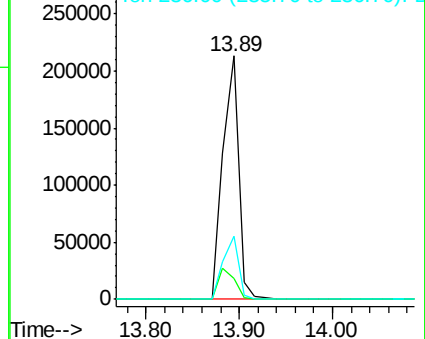
236 26.1 20.6 30.8



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: 87.47 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086151.D

Acq: 8 Apr 2016 1:20

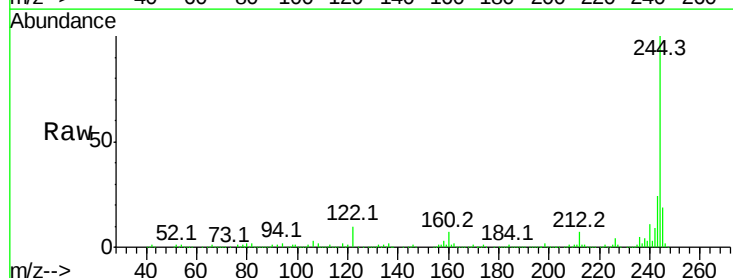
Tgt Ion:244 Resp: 929495

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

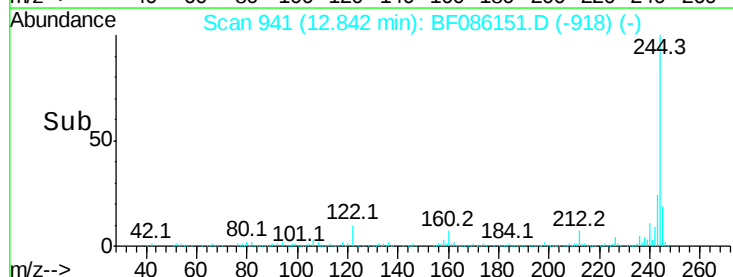
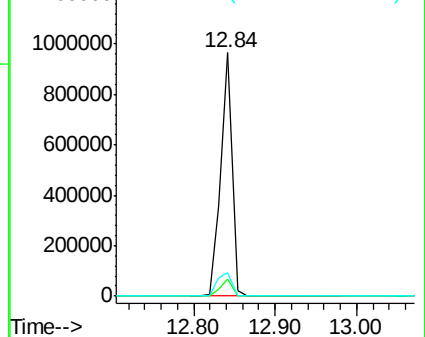
122 9.8 10.2 15.4#

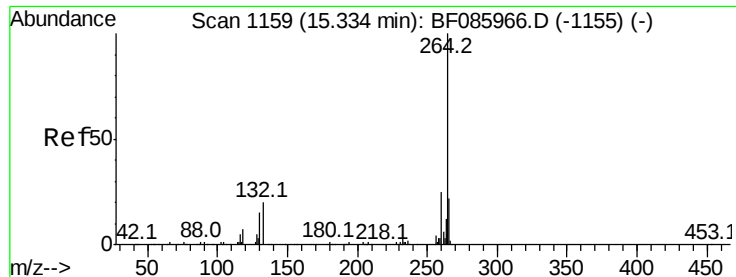


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

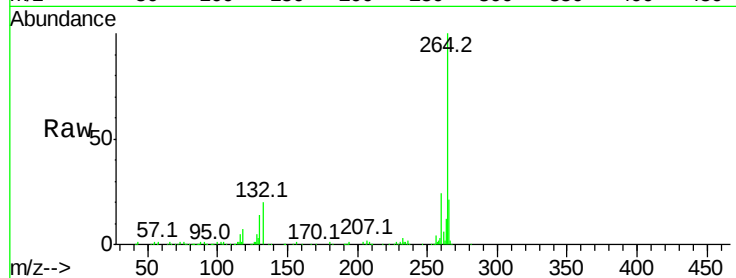




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.1	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

