

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086201.D
 Acq On : 9 Apr 2016 6:42
 Operator : UM/SJ
 Sample : H2373-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-02(0.5-20.0)

Quant Time: Apr 11 00:50:21 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

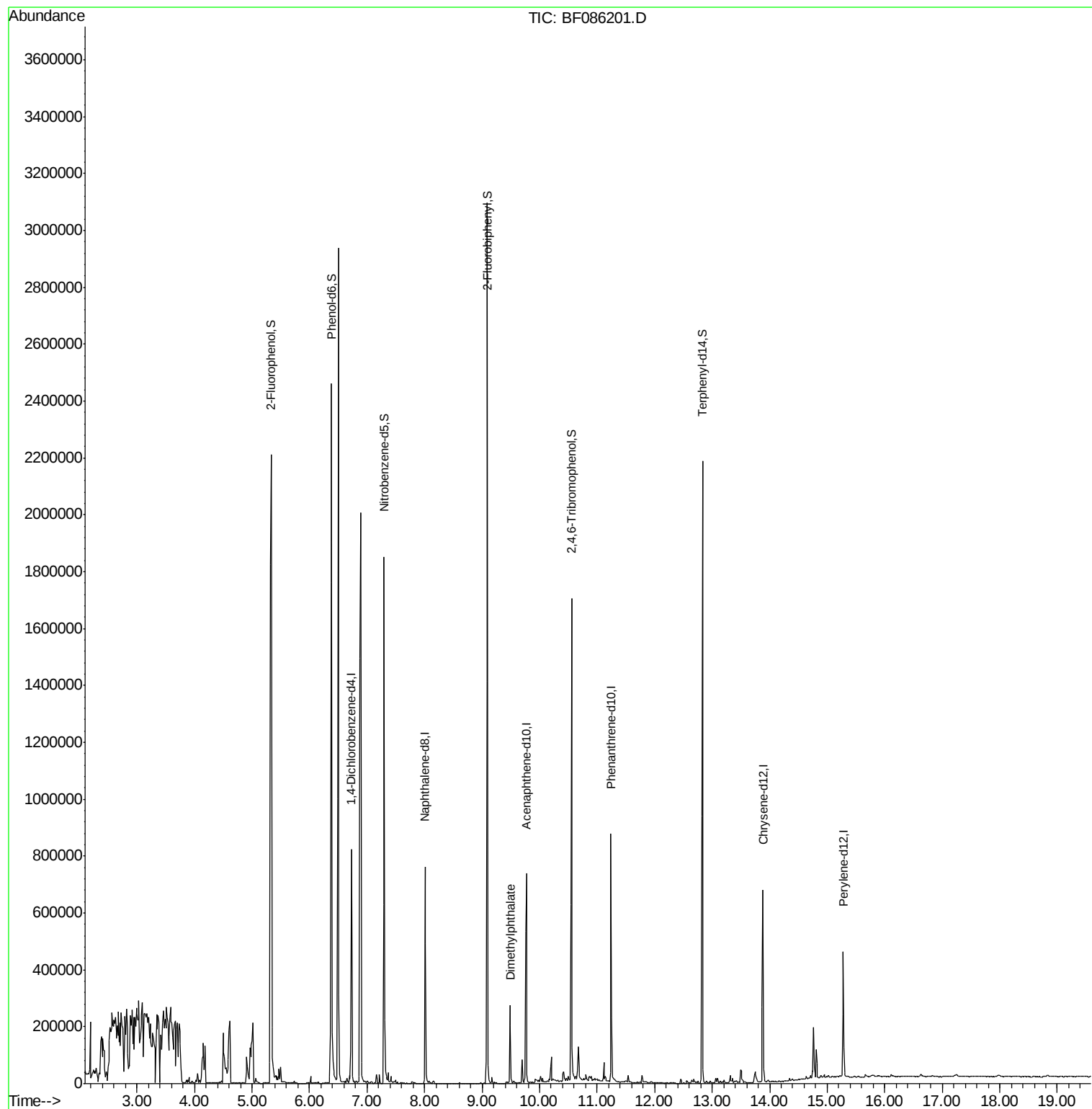
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	125834	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	457763	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	192142	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	314484	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	250288	20.00	ng	-0.05
86) Perylene-d12	15.28	264	196181	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	988001	134.21	ng	-0.03
7) Phenol-d6	6.38	99	1249390	133.61	ng	-0.03
23) Nitrobenzene-d5	7.30	82	691711	89.11	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	222259	123.24	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1090999	94.41	ng	-0.05
78) Terphenyl-d14	12.83	244	727025	68.28	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	153788	10.80	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-02(0.5-20.0)

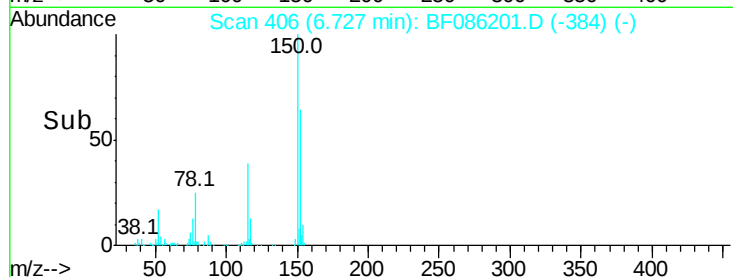
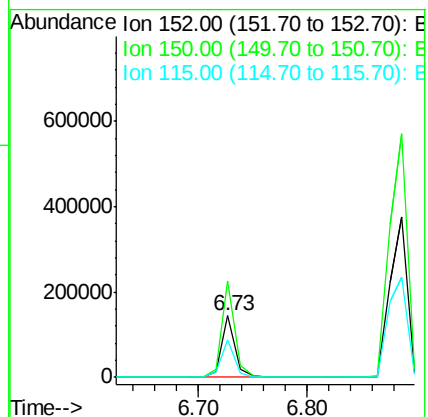
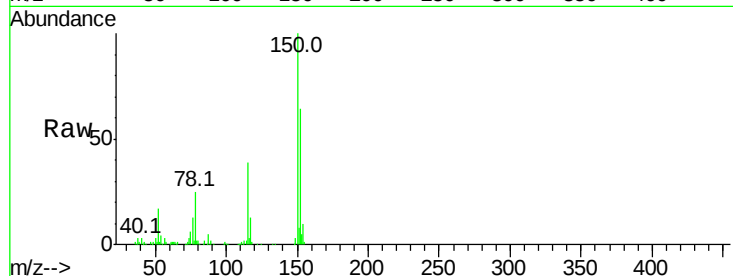
Tot Ion:152 Resp: 125834

Ion Ratio Lower Upper

152 100

150 155.3 124.2 186.2

115 60.5 47.0 70.6



#5

2-Fluorophenol

Concen: 134.21 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

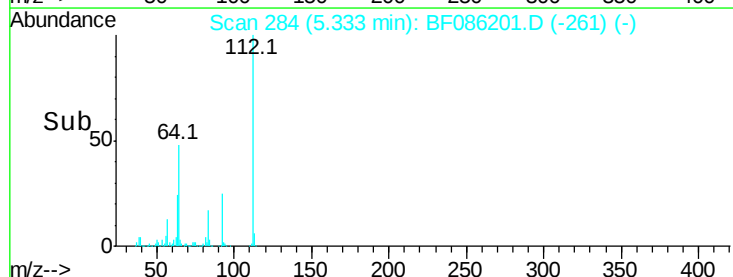
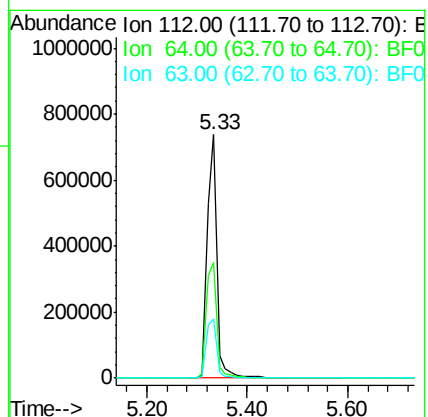
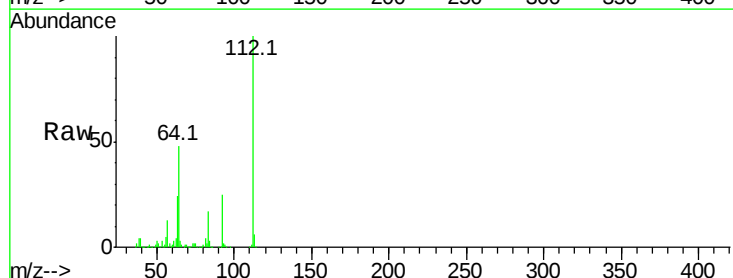
Tgt Ion:112 Resp: 988001

Ion Ratio Lower Upper

112 100

64 47.5 39.9 59.9

63 24.2 20.2 30.2





#7

Phenol-d6

Concen: 133.61 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-02(0.5-20.0)

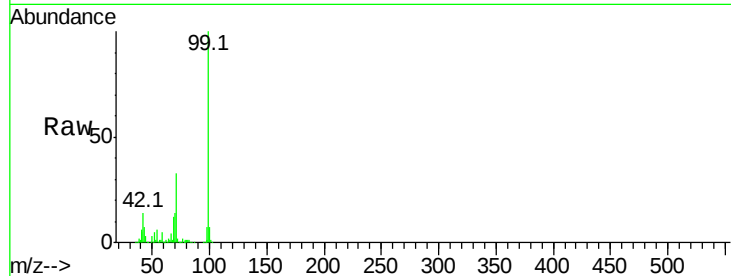
Tot Ion: 99 Resp: 1249390

Ion Ratio Lower Upper

99 100

42 13.9 11.1 16.7

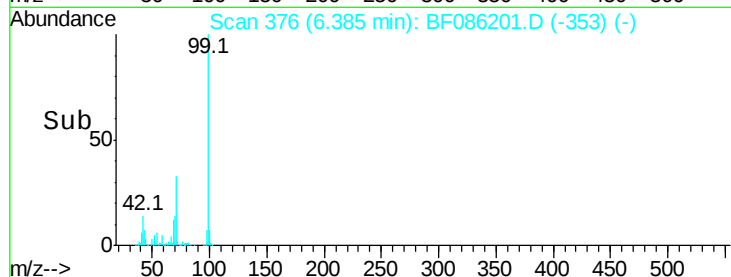
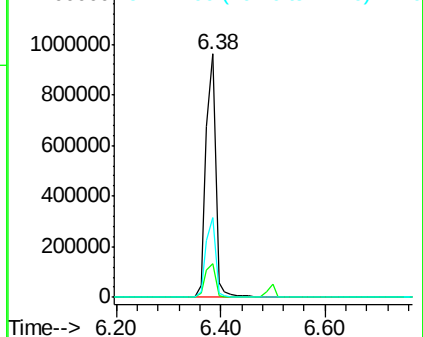
71 32.6 24.9 37.3



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: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

Tgt Ion: 136 Resp: 457763

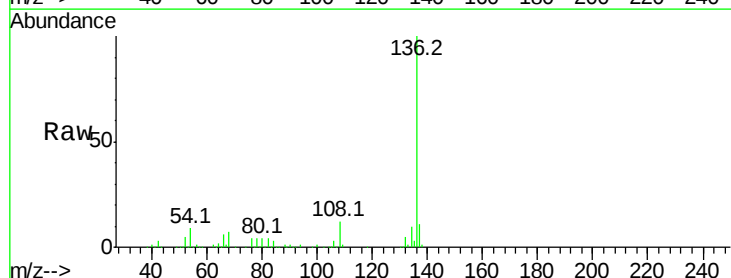
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.1 7.4 11.0

68 7.3 5.8 8.8

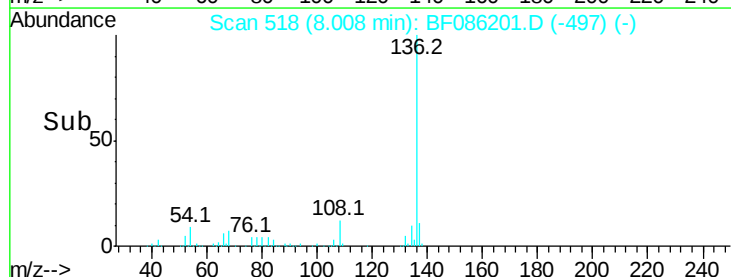
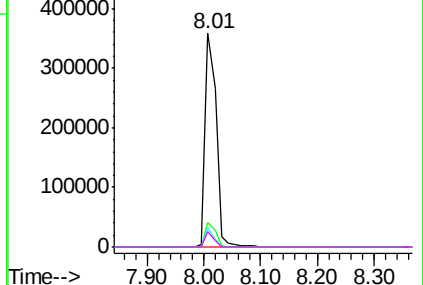


Abundance Ion 136.00 (135.70 to 136.70): E

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

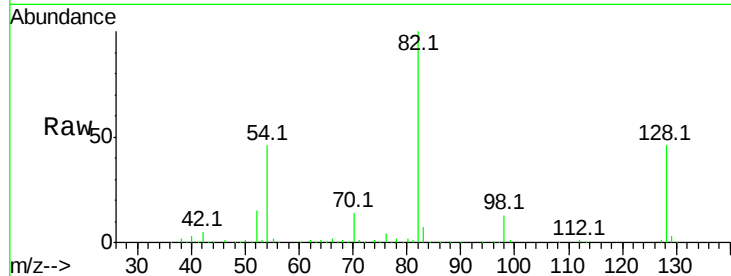




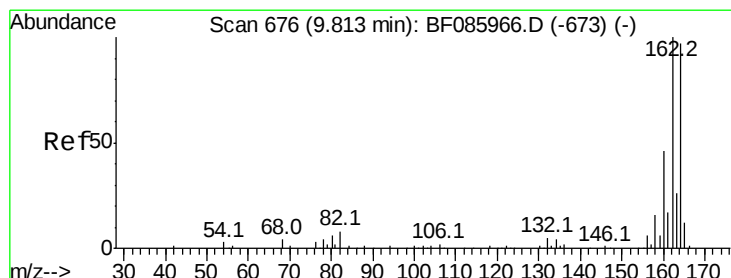
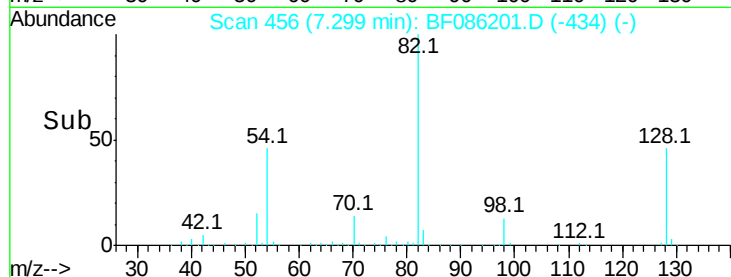
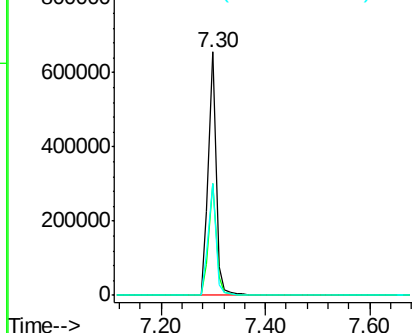
#23
 Nitrobenzene-d5
 Concen: 89.11 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086201.D
 Acq: 9 Apr 2016 6:42

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-02(0.5-20.0)

Tot Ion: 82 Resp: 691711
 Ion Ratio Lower Upper
 82 100
 128 45.7 41.8 62.8
 54 46.2 33.4 50.0

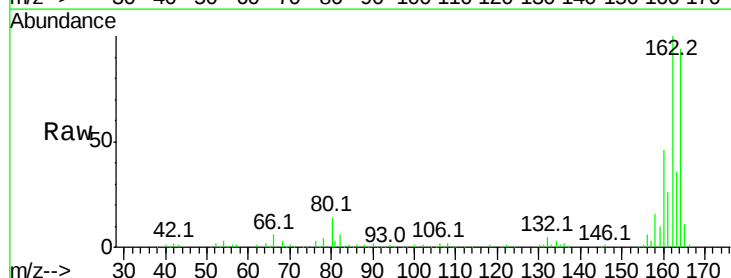


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

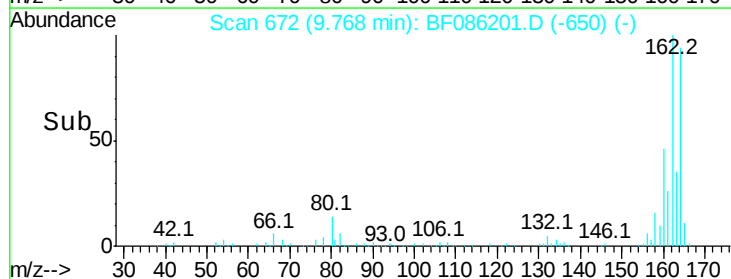
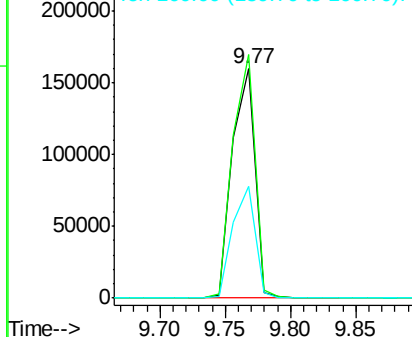


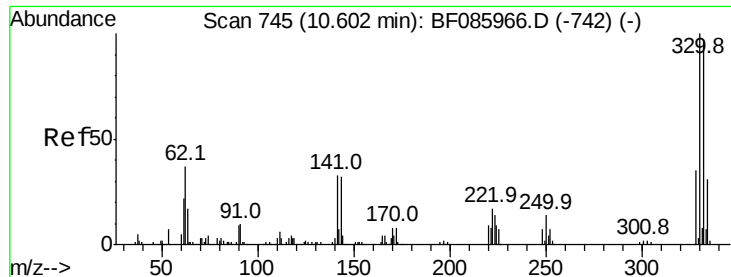
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086201.D
 Acq: 9 Apr 2016 6:42

Tgt Ion:164 Resp: 192142
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.1 123.1
 160 49.0 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

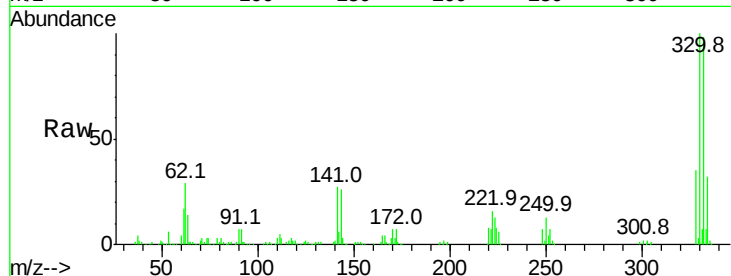




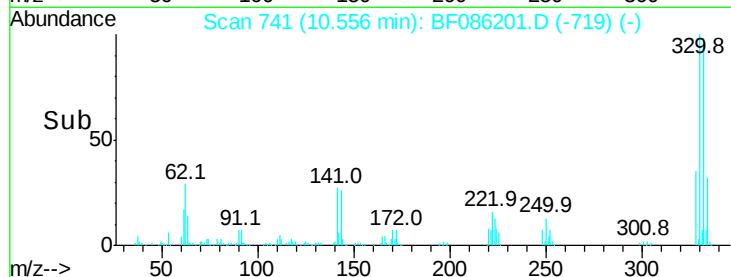
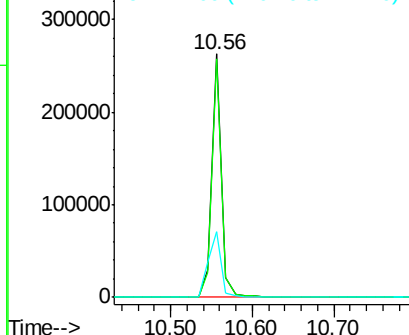
#41
 2,4,6-Tribromophenol
 Concen: 123.24 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086201.D
 Acq: 9 Apr 2016 6:42

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-02(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	36.3	31.5	47.3

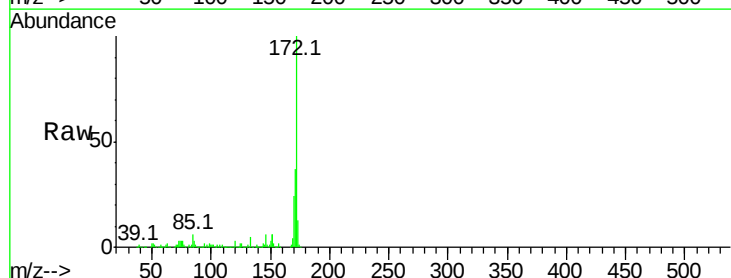


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

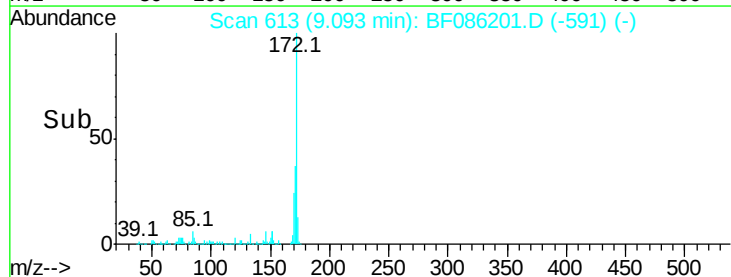
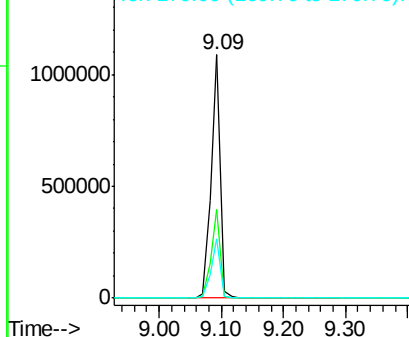


#44
 2-Fluorobiphenyl
 Concen: 94.41 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086201.D
 Acq: 9 Apr 2016 6:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.4	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: 10.80 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-02(0.5-20.0)

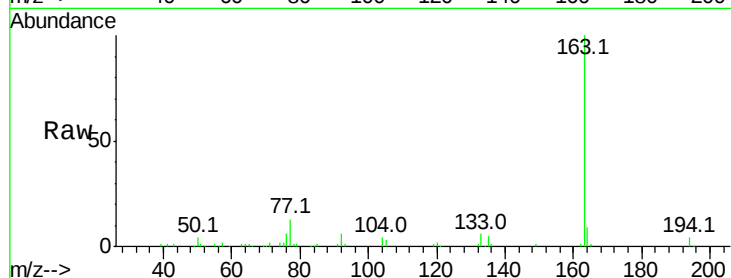
Tot Ion:163 Resp: 153788

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

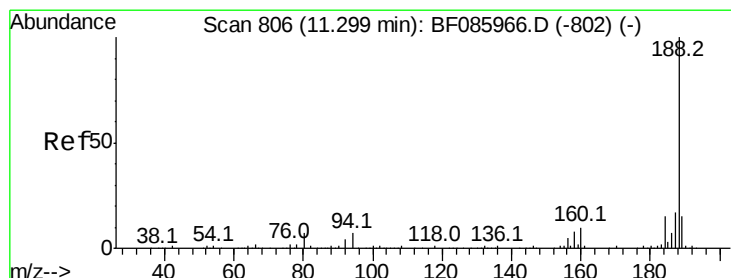
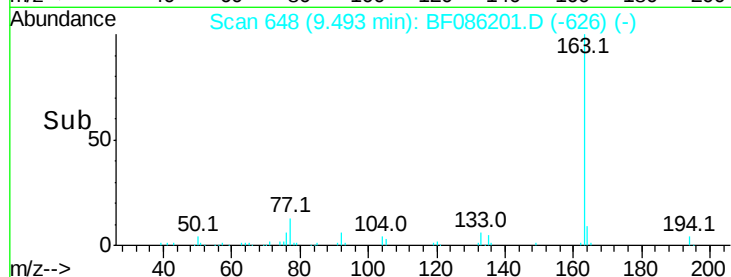
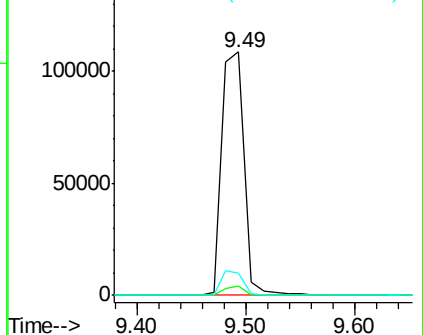
164 9.4 8.3 12.5



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: 11.24 min Scan# 801

Delta R.T. -0.06 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

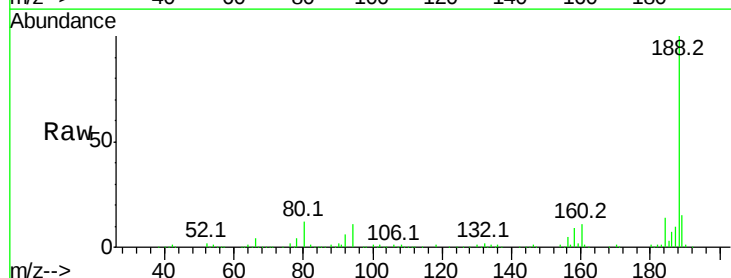
Tgt Ion:188 Resp: 314484

Ion Ratio Lower Upper

188 100

94 11.3 5.4 8.0#

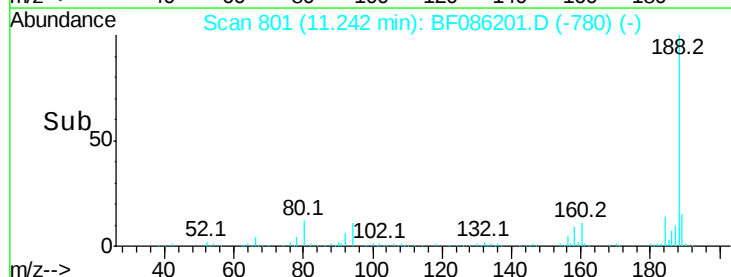
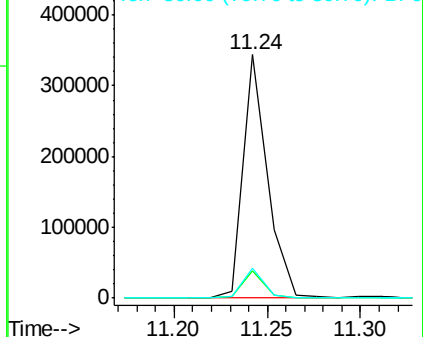
80 12.3 5.5 8.3#

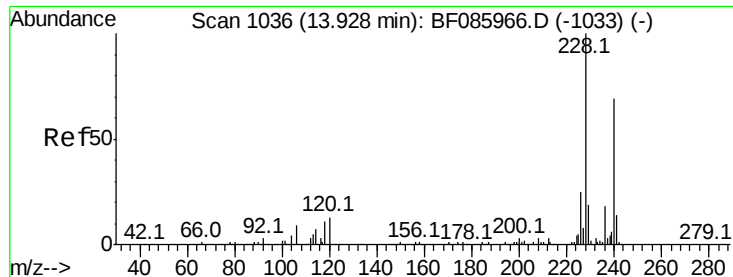


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-02(0.5-20.0)

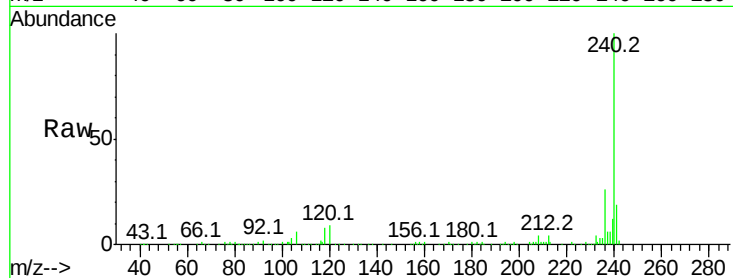
Tot Ion:240 Resp: 250288

Ion Ratio Lower Upper

240 100

120 9.5 13.8 20.8#

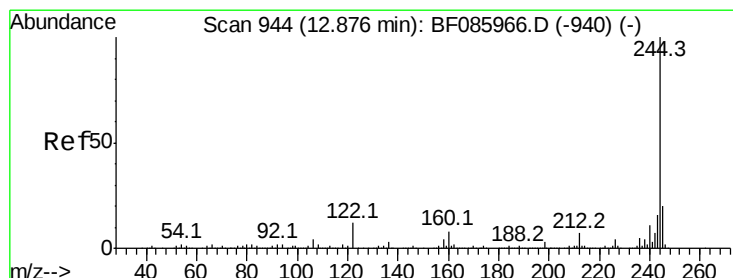
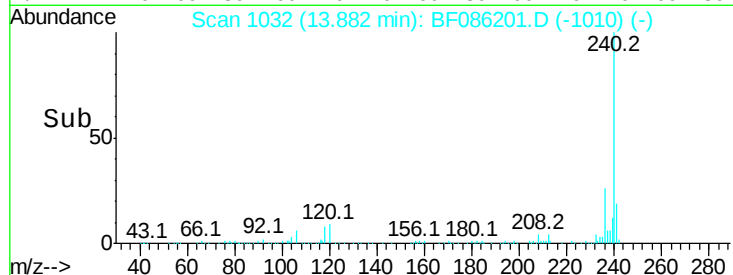
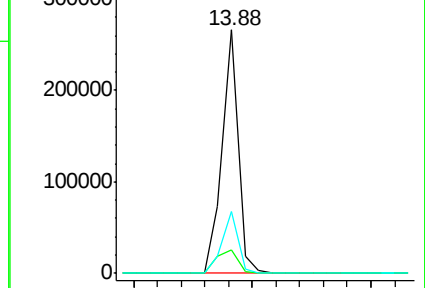
236 25.6 20.6 30.8



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: 68.28 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

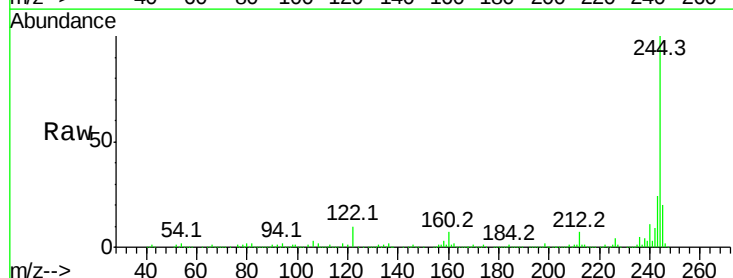
Tgt Ion:244 Resp: 727025

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

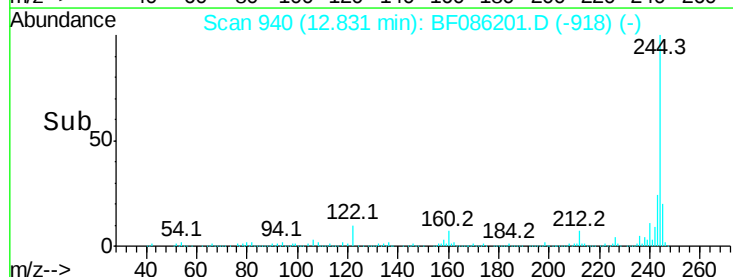
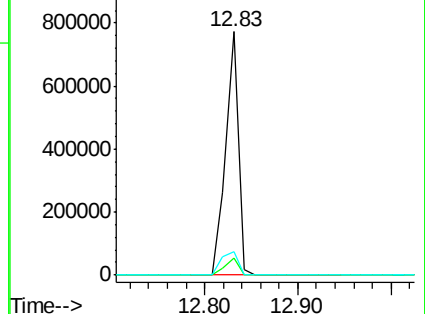
122 9.7 10.2 15.4#

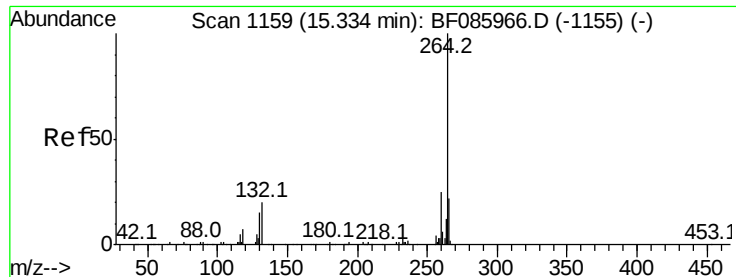


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

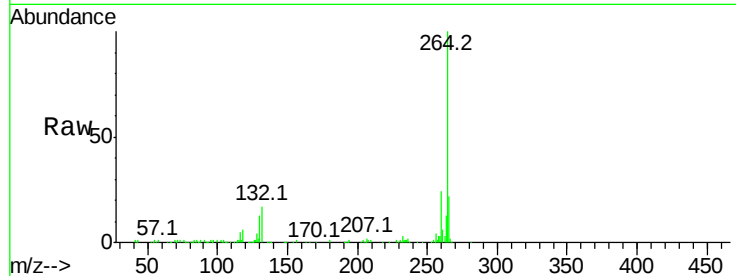




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-02(0.5-20.0)

Tot Ion: 264 Resp: 196181
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.6 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

