

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086181.D
 Acq On : 8 Apr 2016 21:20
 Operator : UM/SJ
 Sample : H2346-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-05(0.5-20.0)

Quant Time: Apr 09 00:23:59 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

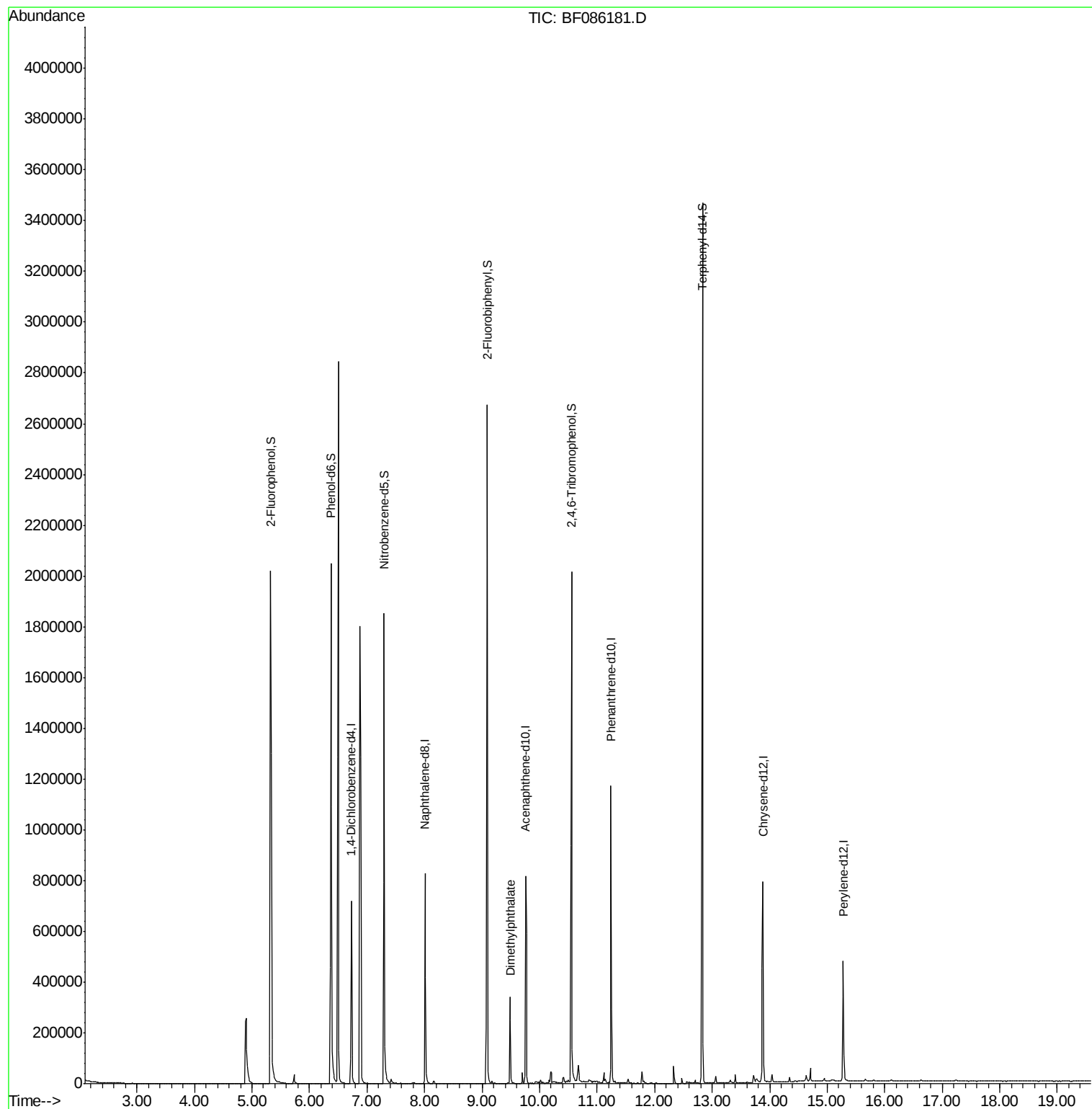
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	113523	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	462093	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	214887	20.00	ng	-0.06
63) Phenanthrene-d10	11.24	188	427382	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	330384	20.00	ng	-0.05
86) Perylene-d12	15.28	264	239226	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	853612	128.53	ng	-0.05
7) Phenol-d6	6.37	99	1069224	126.75	ng	-0.05
23) Nitrobenzene-d5	7.30	82	727085	92.79	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	300777	149.13	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1201208	92.94	ng	-0.05
78) Terphenyl-d14	12.83	244	1140416	81.14	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	193184	12.13	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: BF086181.D

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Instrument :

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ClientSampleId :

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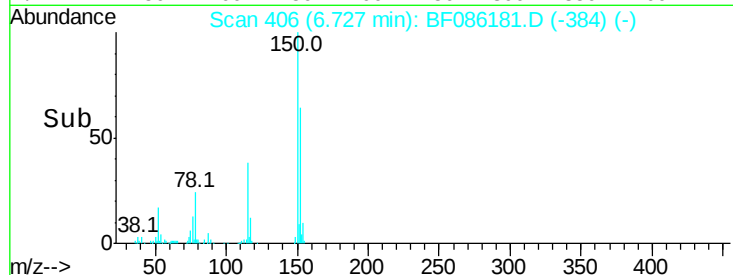
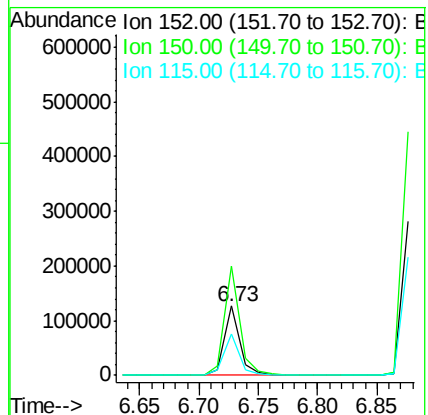
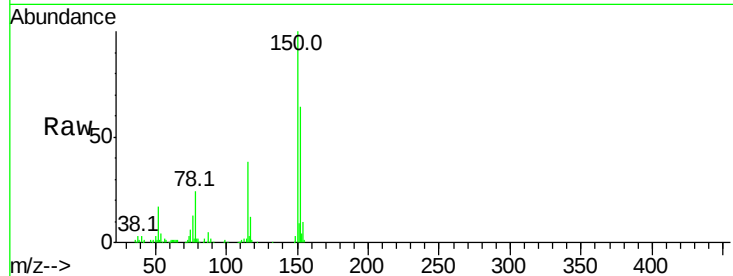
Tot Ion:152 Resp: 113523

Ion Ratio Lower Upper

152 100

150 157.2 124.2 186.2

115 60.3 47.0 70.6



#5

2-Fluorophenol

Concen: 128.53 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.05 min

Lab File: BF086181.D

Acq: 8 Apr 2016 21:20

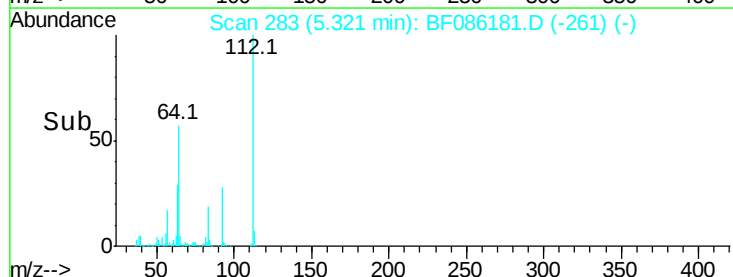
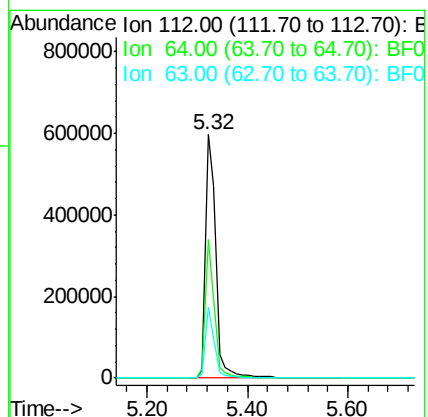
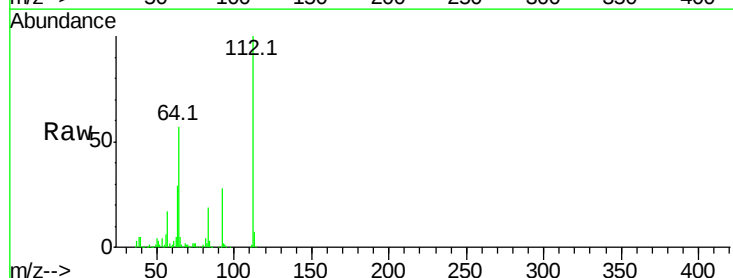
Tgt Ion:112 Resp: 853612

Ion Ratio Lower Upper

112 100

64 57.2 39.9 59.9

63 29.0 20.2 30.2





#7

Phenol-d6

Concen: 126.75 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086181.D

Acq: 8 Apr 2016 21:20

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-05(0.5-20.0)

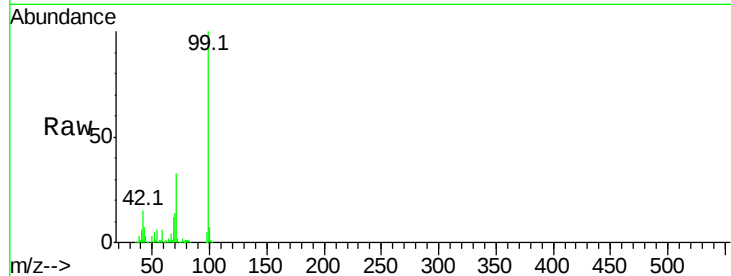
Tot Ion: 99 Resp: 1069224

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

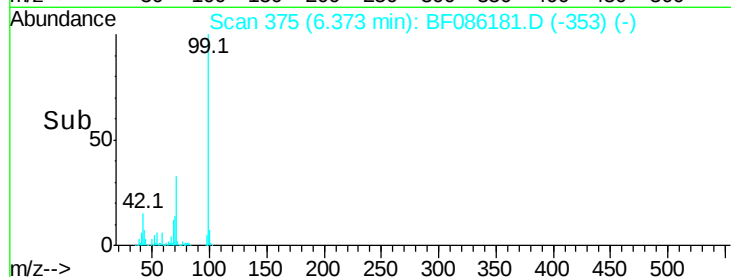
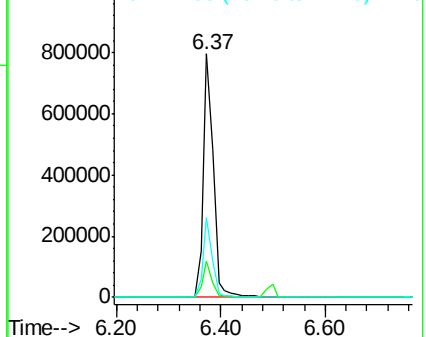
71 32.7 24.9 37.3



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: BF086181.D

Acq: 8 Apr 2016 21:20

Tgt Ion: 136 Resp: 462093

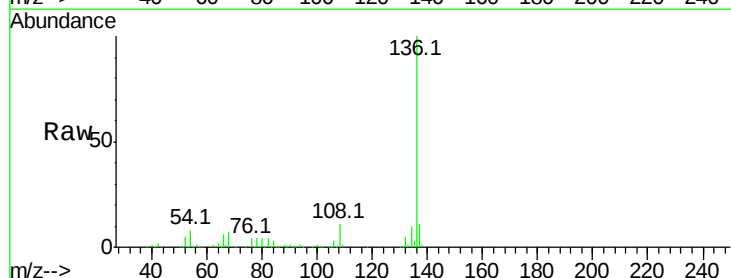
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.5 7.4 11.0

68 6.9 5.8 8.8

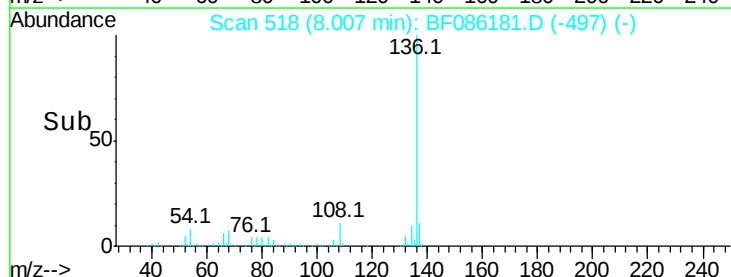
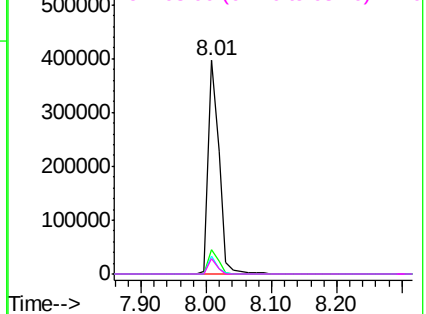


Abundance Ion 136.00 (135.70 to 136.70): E

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

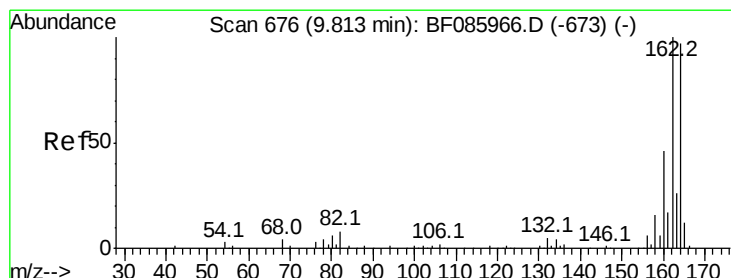
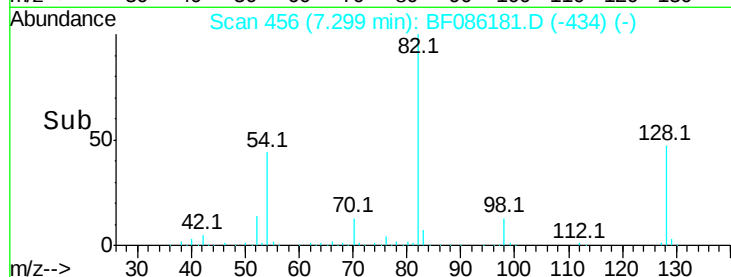
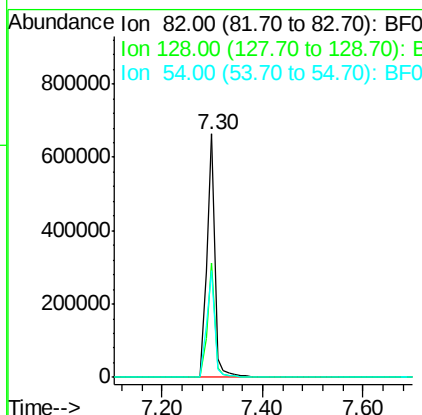
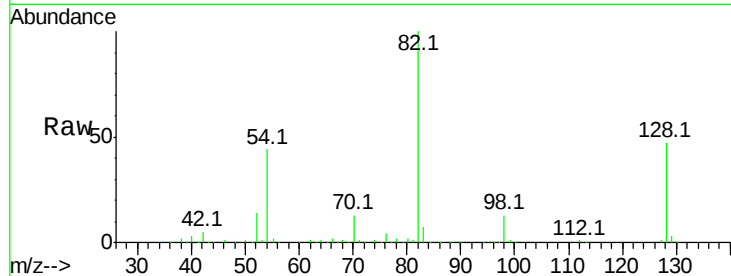




#23
 Nitrobenzene-d5
 Concen: 92.79 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086181.D
 Acq: 8 Apr 2016 21:20

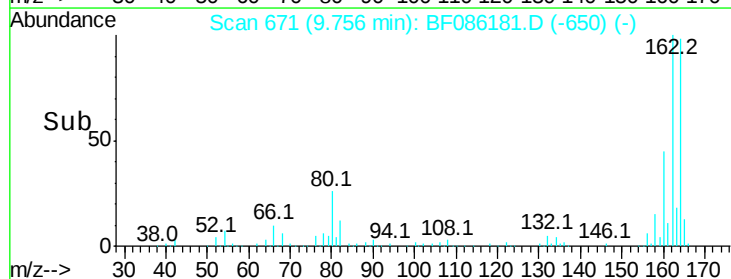
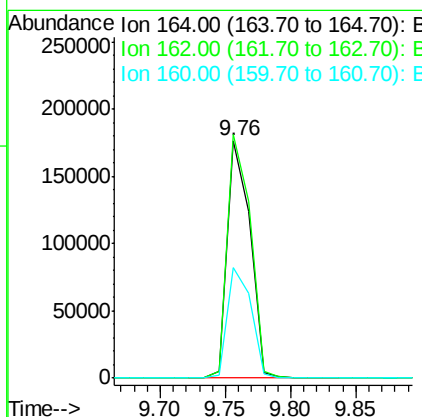
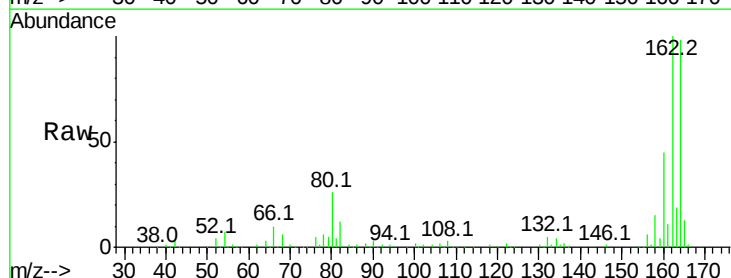
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-05(0.5-20.0)

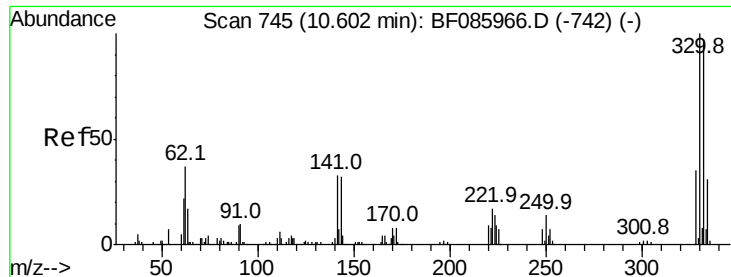
Tot Ion: 82 Resp: 727085
 Ion Ratio Lower Upper
 82 100
 128 47.1 41.8 62.8
 54 44.0 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.06 min
 Lab File: BF086181.D
 Acq: 8 Apr 2016 21:20

Tgt Ion:164 Resp: 214887
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.1 123.1
 160 46.4 37.4 56.2

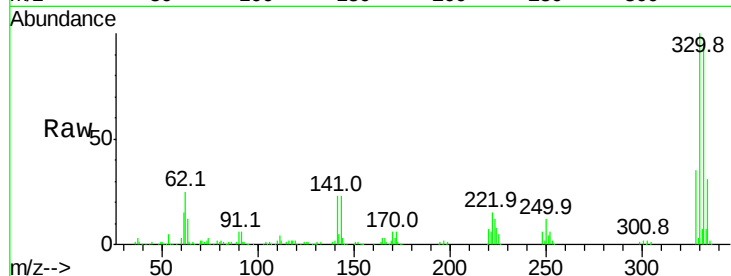




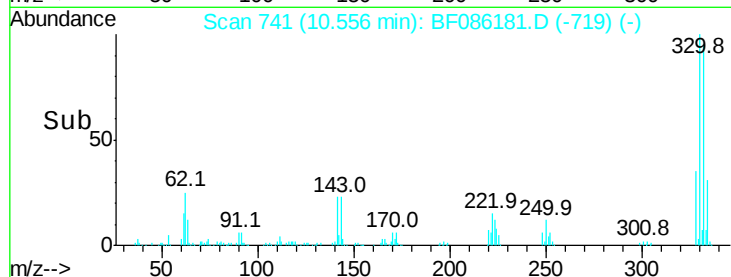
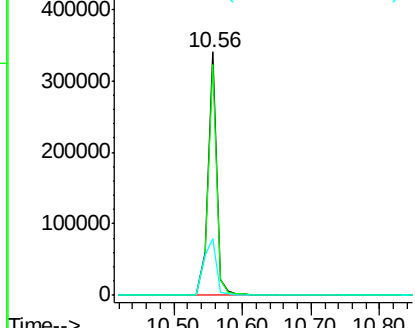
#41
 2,4,6-Tribromophenol
 Concen: 149.13 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086181.D
 Acq: 8 Apr 2016 21:20

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-05(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.2	117.2
141	33.5	31.5	47.3

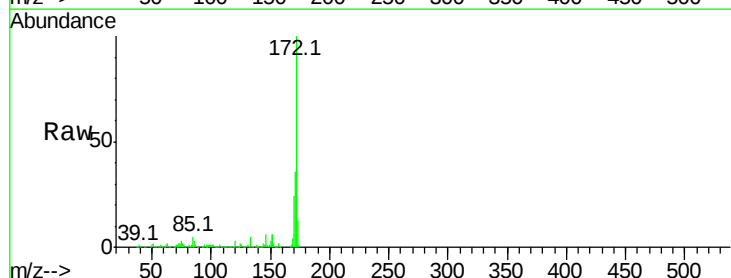


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

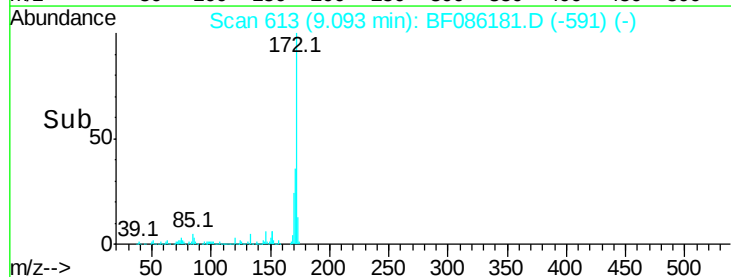
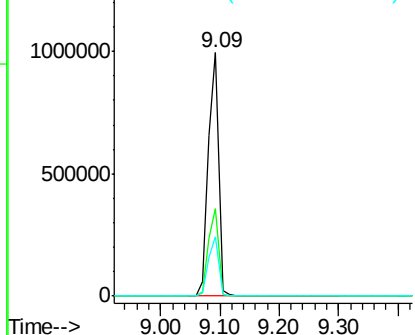


#44
 2-Fluorobiphenyl
 Concen: 92.94 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086181.D
 Acq: 8 Apr 2016 21:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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

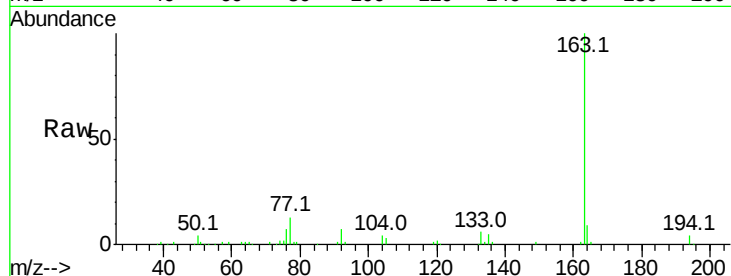




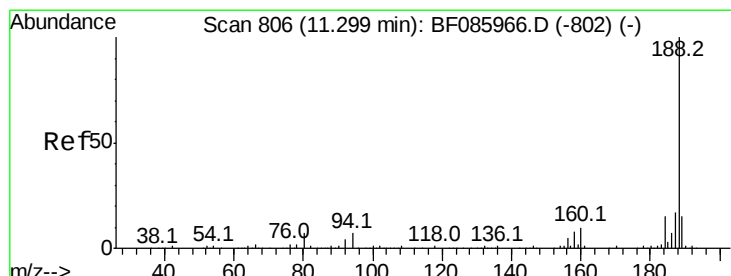
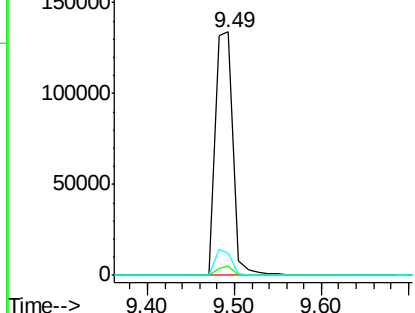
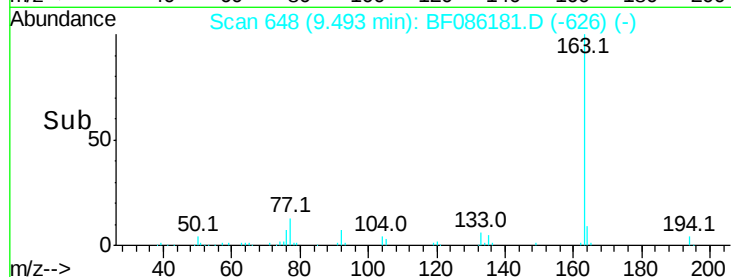
#49
Dimethylphthalate
Concen: 12.13 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086181.D
Acq: 8 Apr 2016 21:20

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-05(0.5-20.0)

Tot Ion:163 Resp: 193184
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 9.3 8.3 12.5

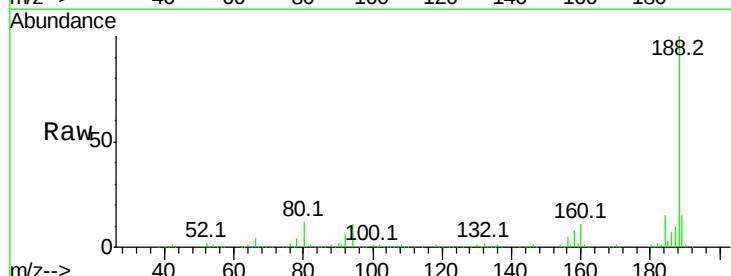


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

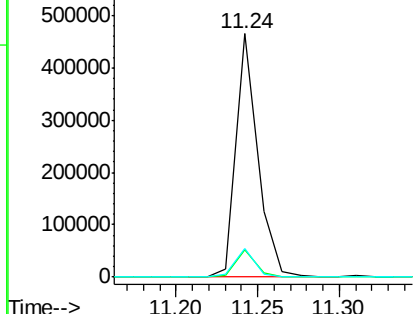
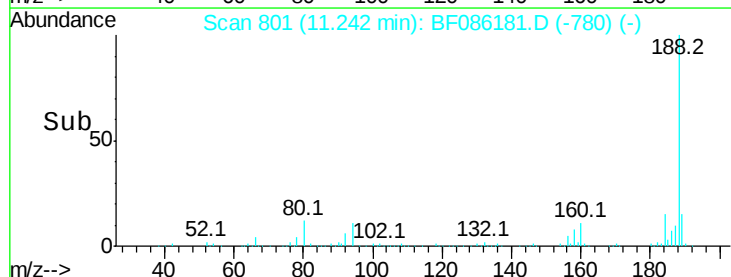


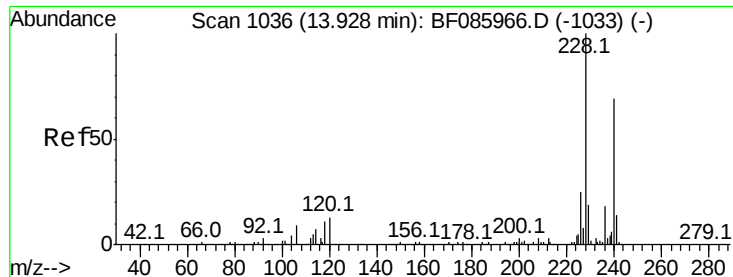
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086181.D
Acq: 8 Apr 2016 21:20

Tgt Ion:188 Resp: 427382
Ion Ratio Lower Upper
188 100
94 11.3 5.4 8.0#
80 11.8 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: BF086181.D

Acq: 8 Apr 2016 21:20

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-05(0.5-20.0)

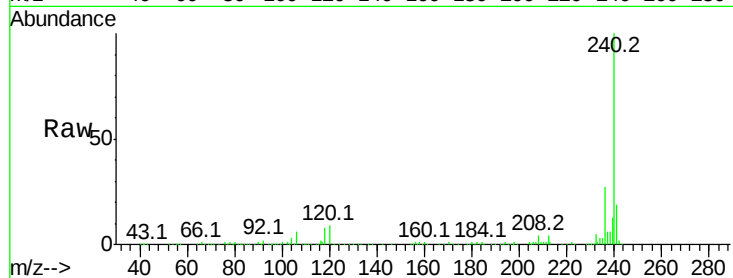
Tot Ion:240 Resp: 330384

Ion Ratio Lower Upper

240 100

120 9.1 13.8 20.8#

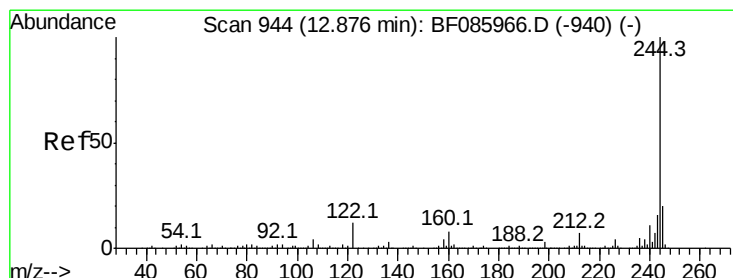
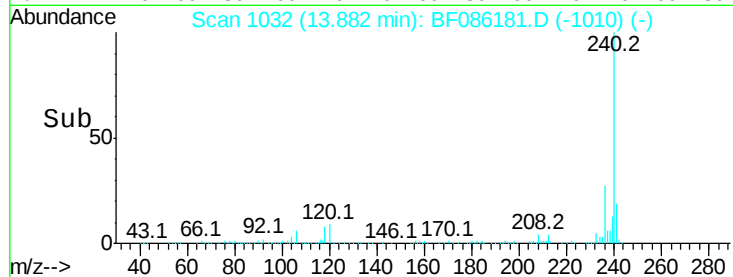
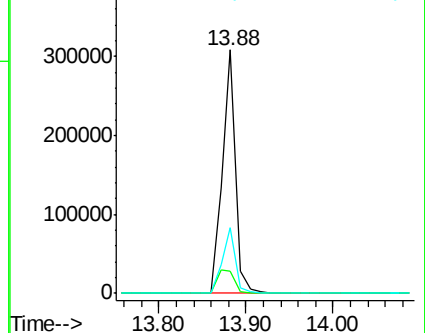
236 26.9 20.6 30.8



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: 81.14 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086181.D

Acq: 8 Apr 2016 21:20

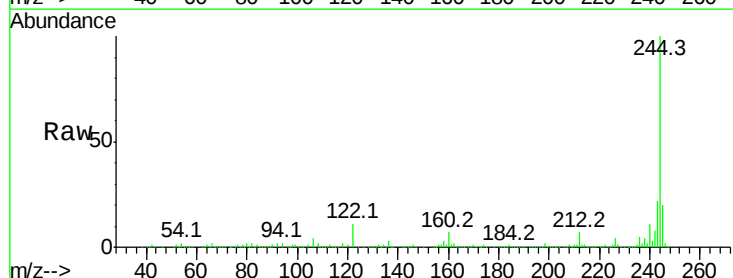
Tgt Ion:244 Resp: 1140416

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

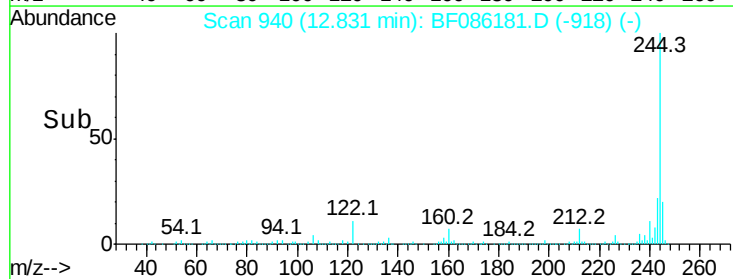
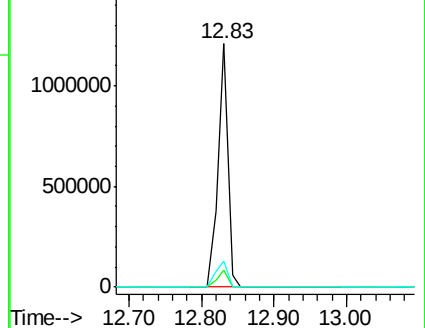
122 10.5 10.2 15.4

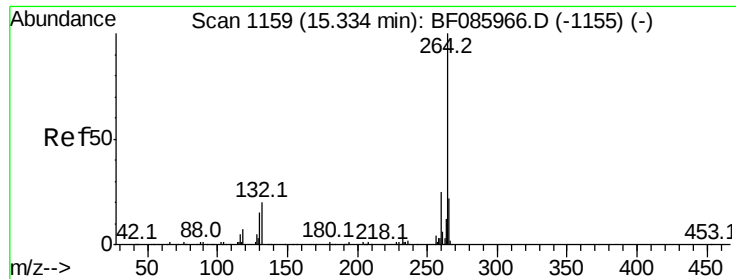


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086181.D
Acq: 8 Apr 2016 21:20

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-05(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	20.5	17.2	25.8

