

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086068.D
 Acq On : 5 Apr 2016 6:57
 Operator : UM/SJ
 Sample : H2183-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-12(0.5-20.0)

Quant Time: Apr 05 07:24:00 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

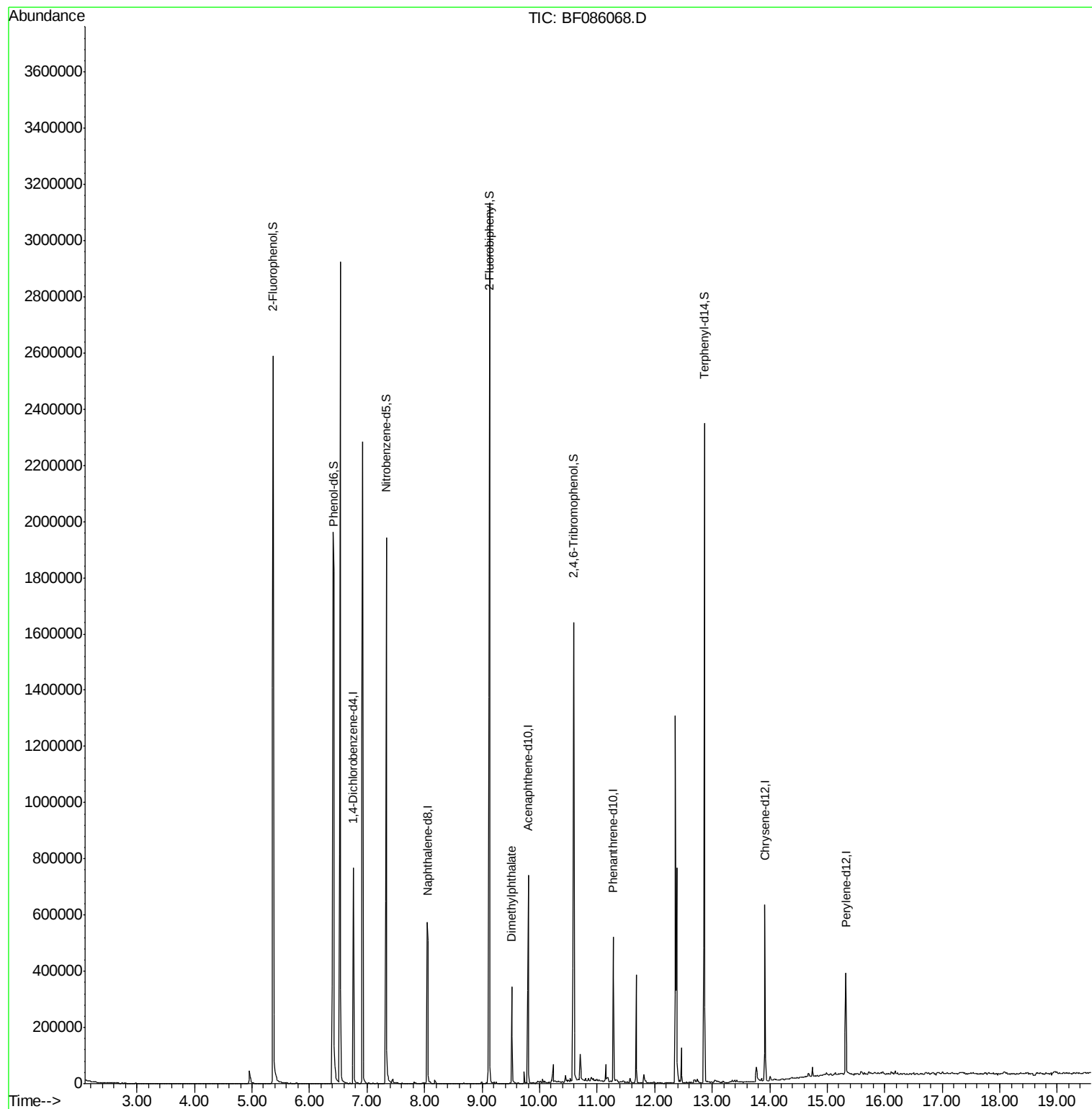
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	113101	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	397975	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	164162	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	248489	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	200181	20.00	ng	-0.01
86) Perylene-d12	15.32	264	147922	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	948380	143.33	ng	0.00
7) Phenol-d6	6.42	99	1164417	138.55	ng	0.00
23) Nitrobenzene-d5	7.33	82	692204	102.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	189072	122.71	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1072983	108.68	ng	-0.01
78) Terphenyl-d14	12.87	244	691872	81.24	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	161121	13.24	ng	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: BF086068.D

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Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-12(0.5-20.0)

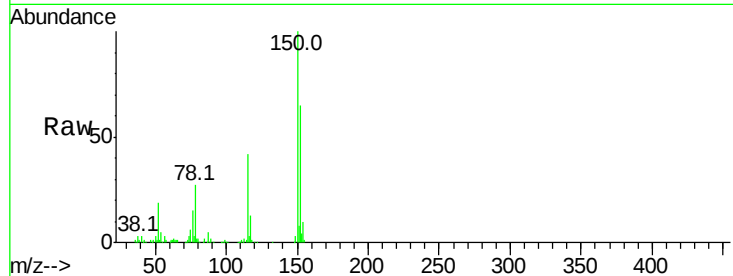
Tot Ion:152 Resp: 113101

Ion Ratio Lower Upper

152 100

150 153.2 124.2 186.2

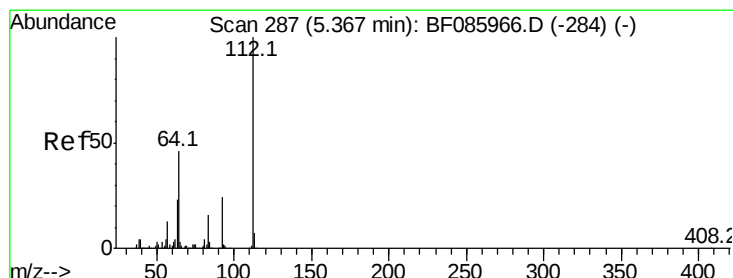
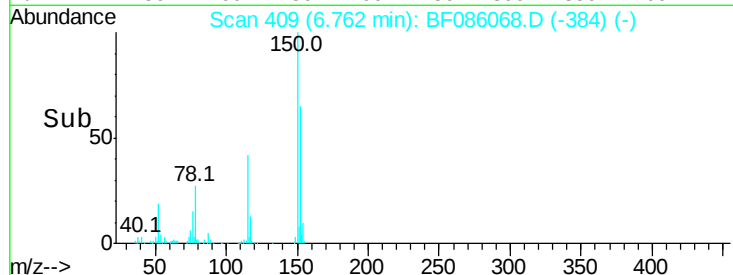
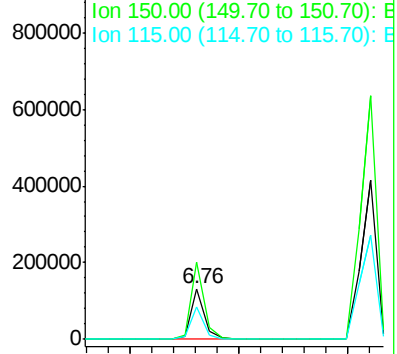
115 63.6 47.0 70.6



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: 143.33 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

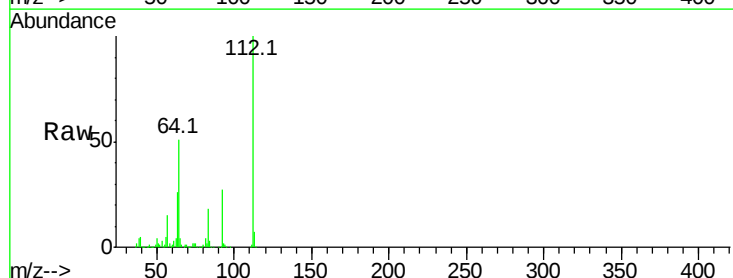
Tgt Ion:112 Resp: 948380

Ion Ratio Lower Upper

112 100

64 51.3 39.9 59.9

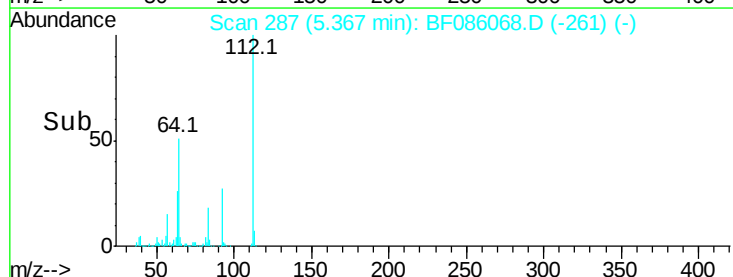
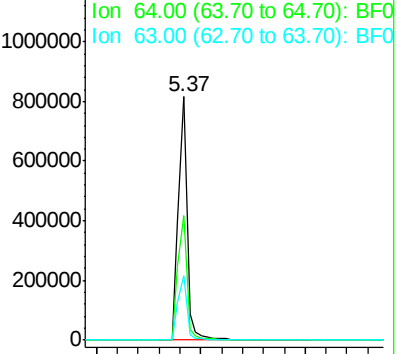
63 26.3 20.2 30.2

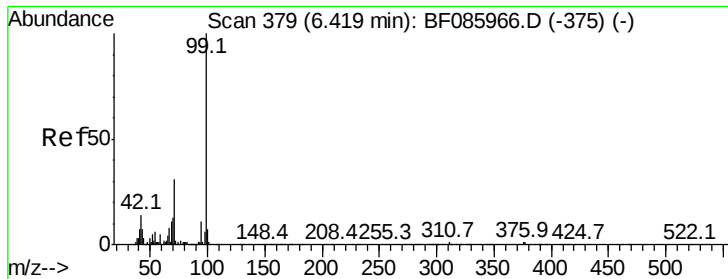


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.55 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

Instrument :

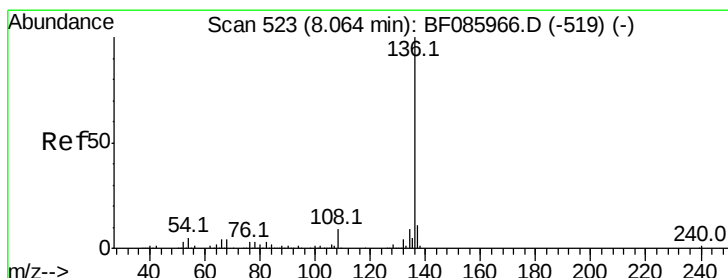
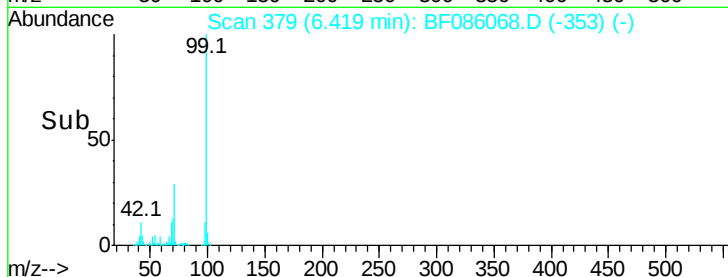
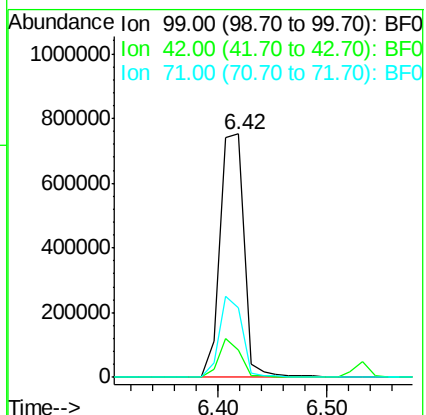
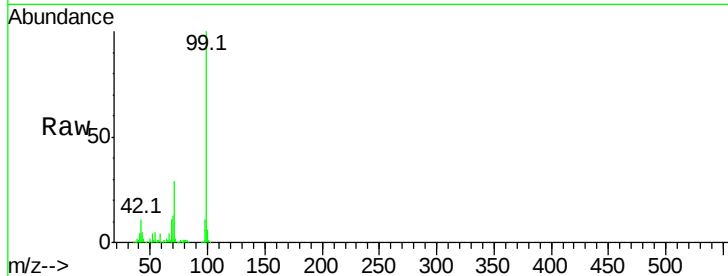
BNA_F

ClientSampleId :

AMBOY-SB-12(0.5-20.0)

Tot Ion: 99 Resp: 1164417

Ion	Ratio	Lower	Upper
99	100		
42	11.4	11.1	16.7
71	28.7	24.9	37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

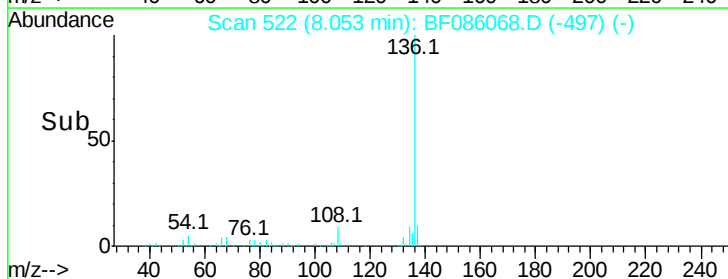
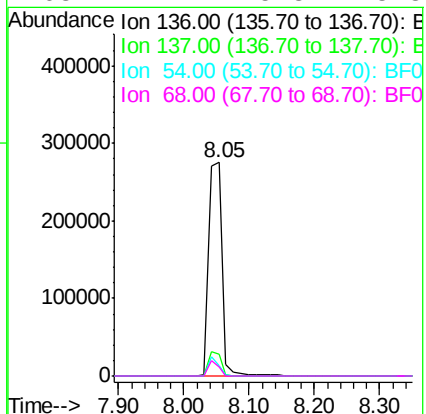
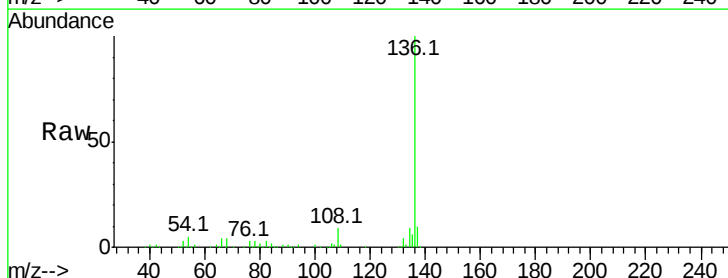
Delta R.T. -0.01 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

Tgt Ion: 136 Resp: 397975

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	4.7	7.4	11.0#
68	4.1	5.8	8.8#

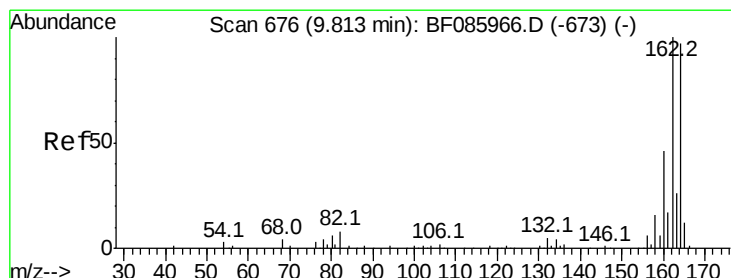
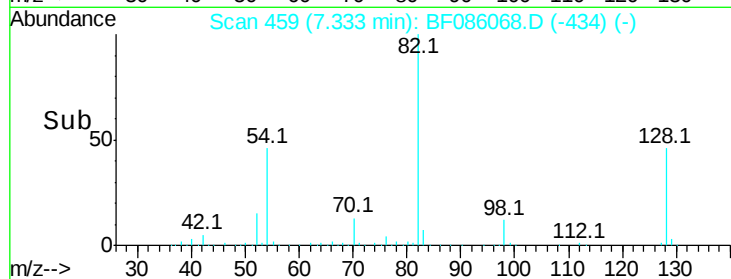
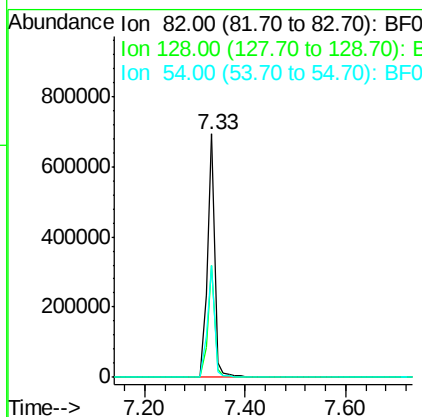
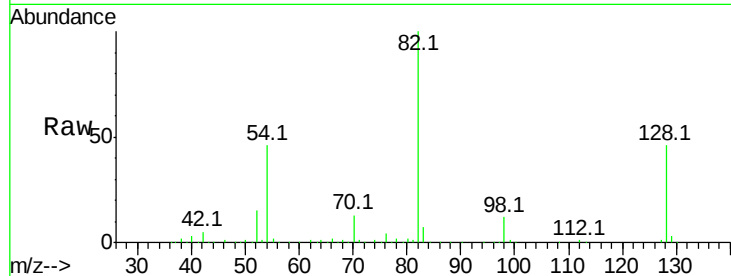




#23
Nitrobenzene-d5
Concen: 102.57 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086068.D
Acq: 5 Apr 2016 6:57

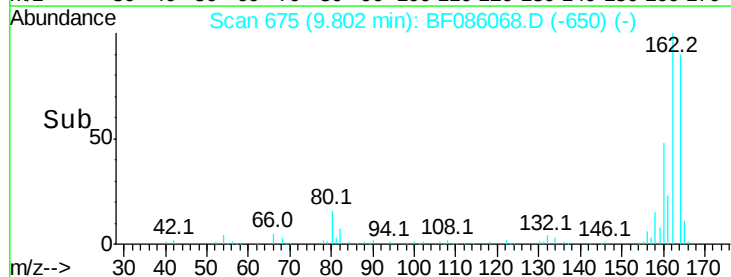
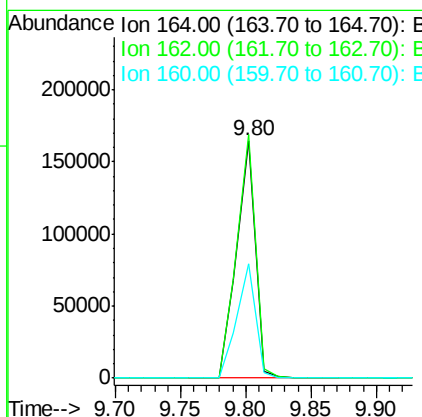
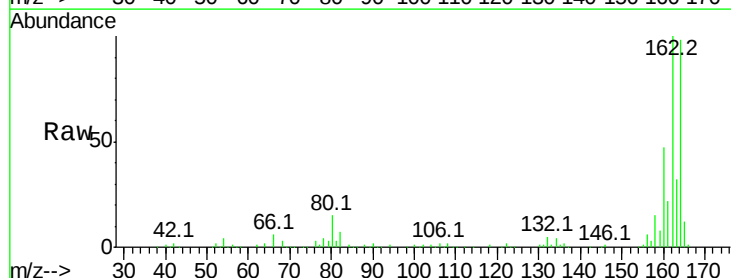
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-12(0.5-20.0)

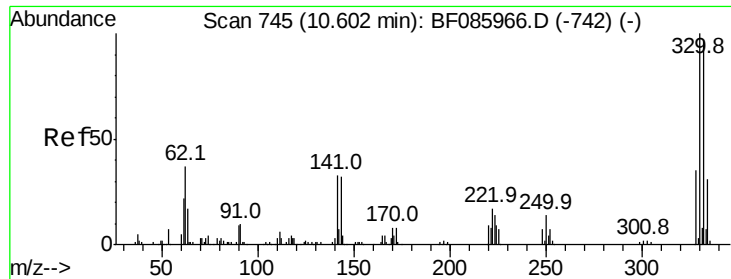
Tot Ion: 82 Resp: 692204
Ion Ratio Lower Upper
82 100
128 45.9 41.8 62.8
54 45.7 33.4 50.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086068.D
Acq: 5 Apr 2016 6:57

Tgt Ion:164 Resp: 164162
Ion Ratio Lower Upper
164 100
162 102.4 82.1 123.1
160 48.3 37.4 56.2

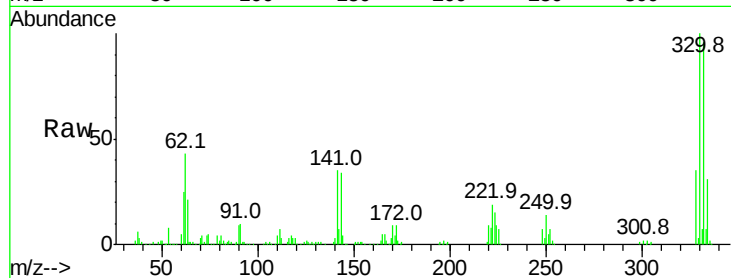




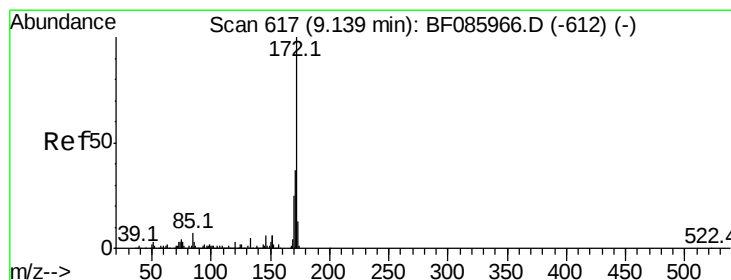
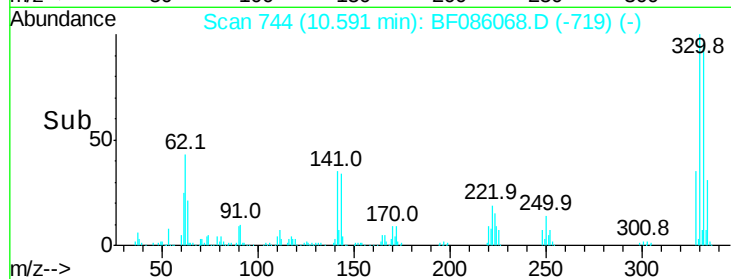
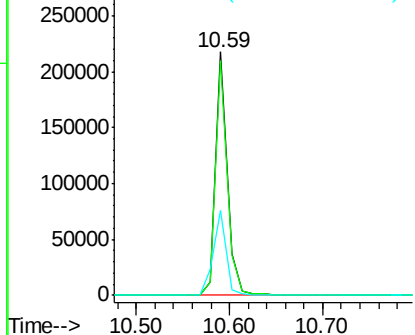
#41
 2,4,6-Tribromophenol
 Concen: 122.71 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086068.D
 Acq: 5 Apr 2016 6:57

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-12(0.5-20.0)

Tot Ion:330 Resp: 189072
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 39.2 31.5 47.3

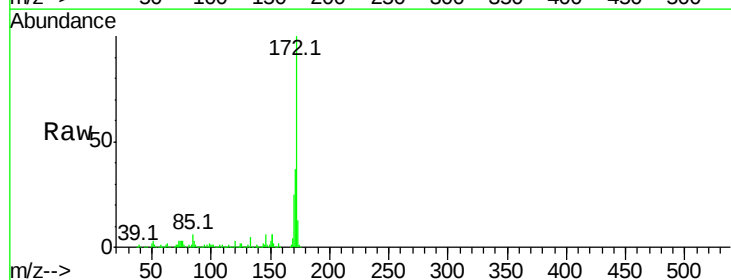


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

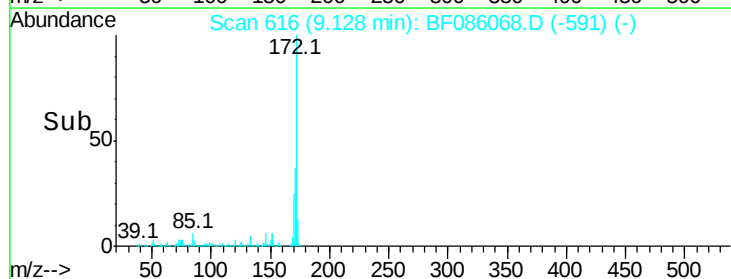
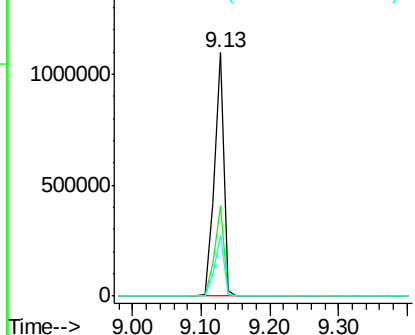


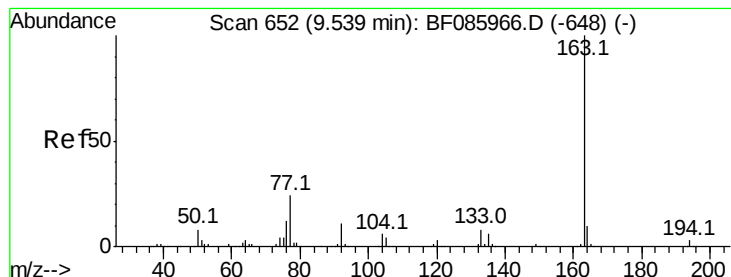
#44
 2-Fluorobiphenyl
 Concen: 108.68 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086068.D
 Acq: 5 Apr 2016 6:57

Tgt Ion:172 Resp: 1072983
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.8 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: 13.24 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-12(0.5-20.0)

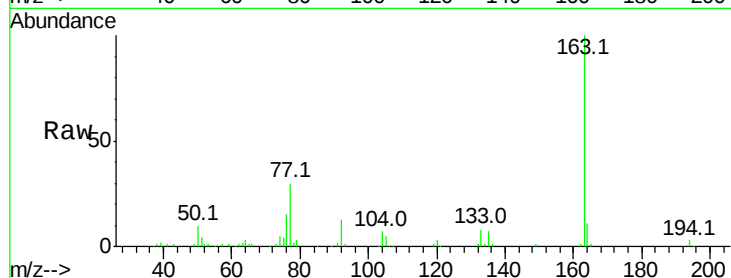
Tot Ion:163 Resp: 161121

Ion Ratio Lower Upper

163 100

194 2.9 2.9 4.3

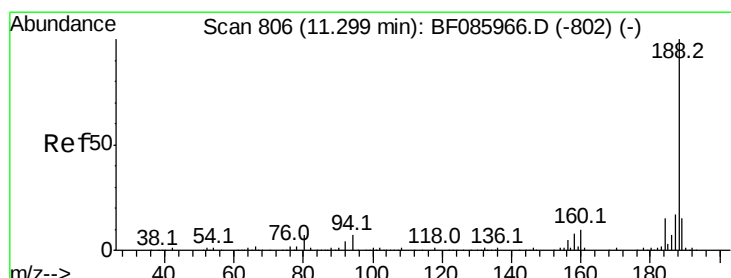
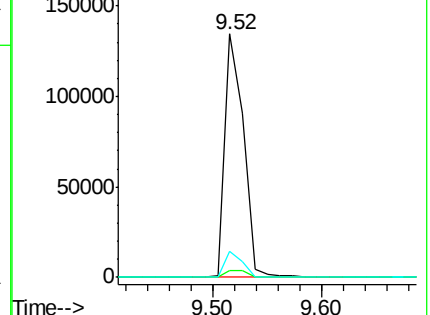
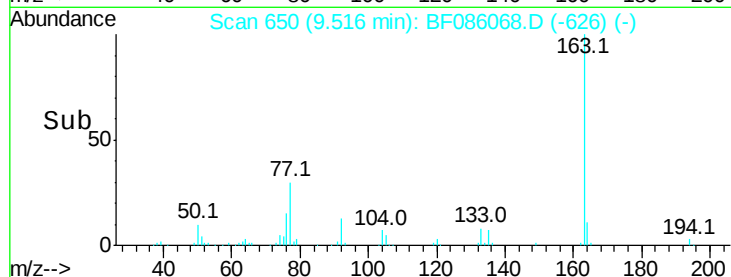
164 10.8 8.3 12.5



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: 11.28 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

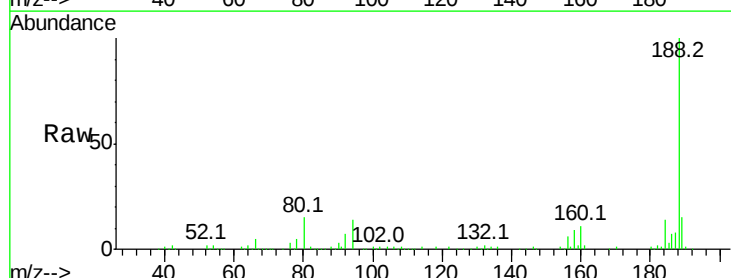
Tgt Ion:188 Resp: 248489

Ion Ratio Lower Upper

188 100

94 13.8 5.4 8.0#

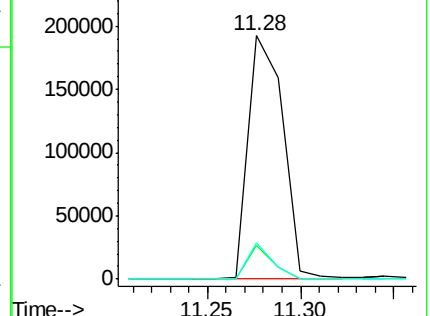
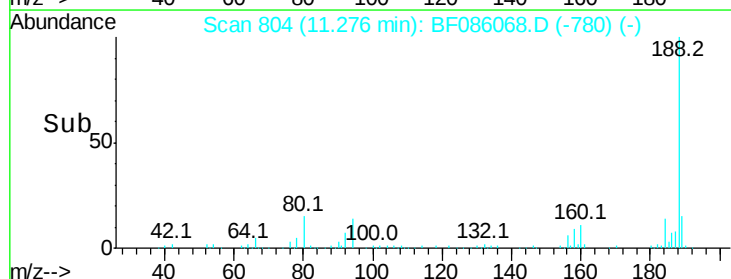
80 15.1 5.5 8.3#

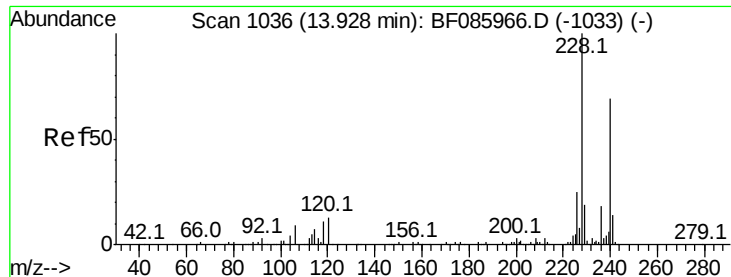


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF086068.D

Acq: 5 Apr 2016 6:57

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-12(0.5-20.0)

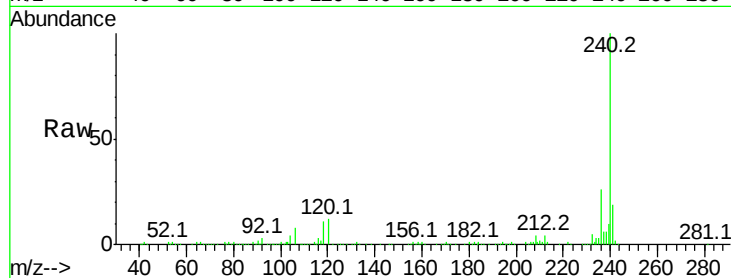
Tot Ion:240 Resp: 200181

Ion Ratio Lower Upper

240 100

120 12.2 13.8 20.8#

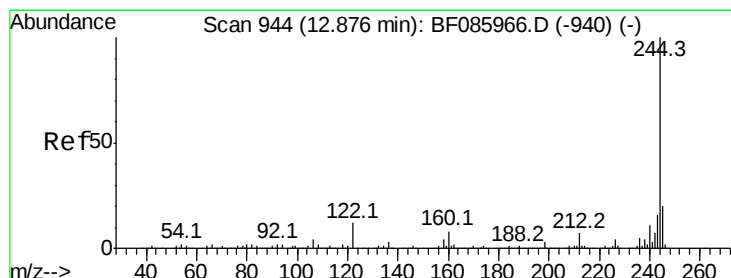
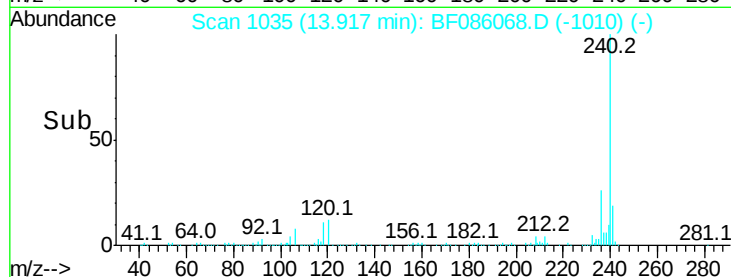
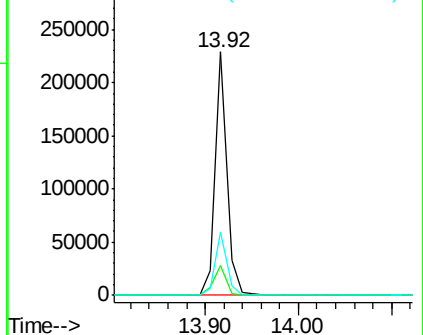
236 26.1 20.6 30.8



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: 81.24 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086068.D

Acq: 5 Apr 2016 6:57

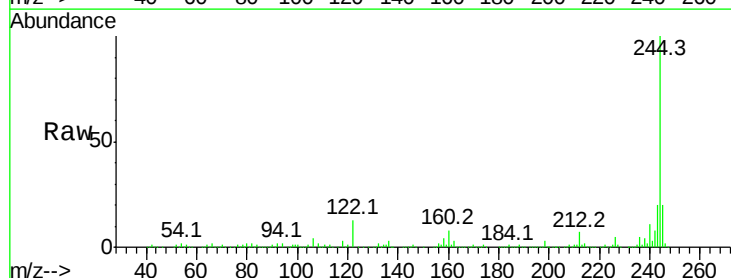
Tgt Ion:244 Resp: 691872

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

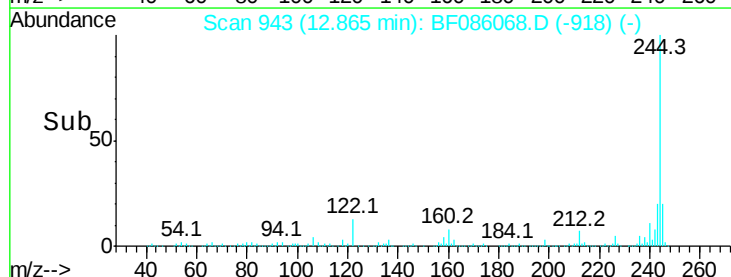
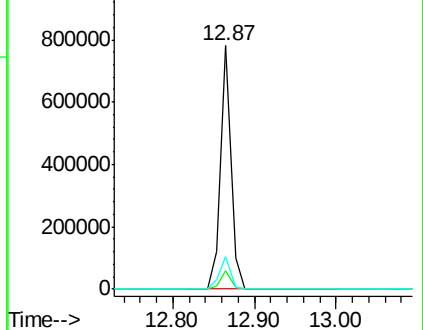
122 13.1 10.2 15.4

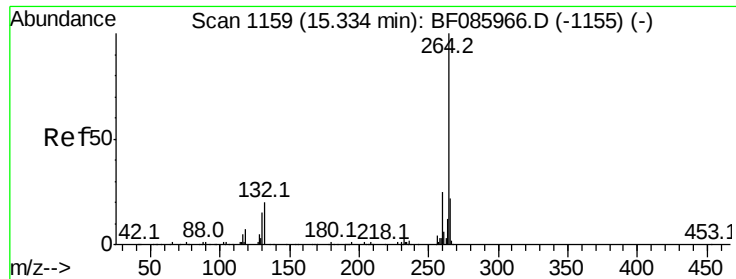


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086068.D
 Acq: 5 Apr 2016 6:57

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-12(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.7	17.2	25.8

