

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086154.D
 Acq On : 8 Apr 2016 2:45
 Operator : UM/SJ
 Sample : H2282-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-39(0.5-25.0)

Quant Time: Apr 08 04:05:44 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

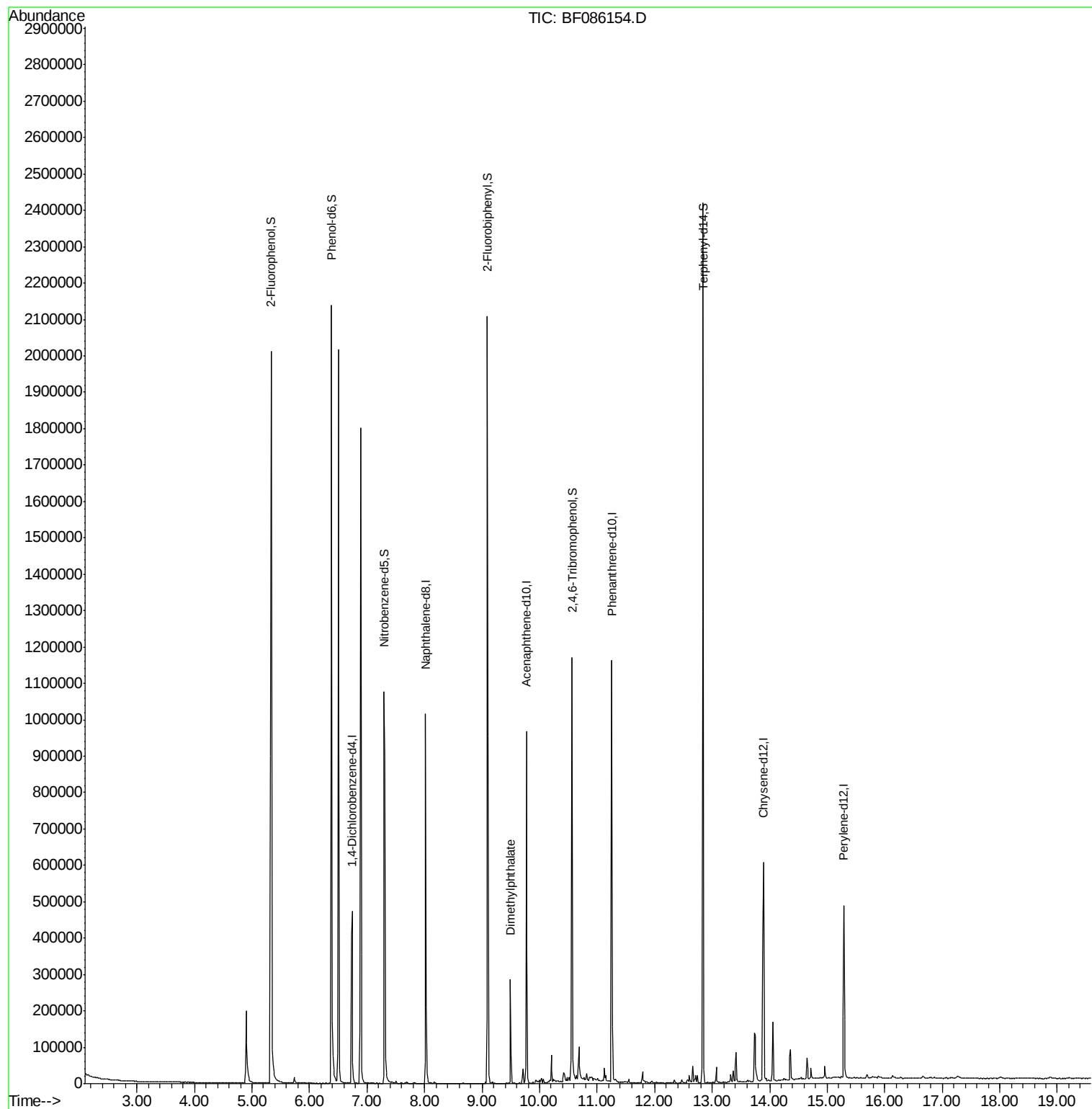
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	111154	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	464941	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	203391	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	395417	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	263115	20.00	ng	-0.03
86) Perylene-d12	15.29	264	205620	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	735924	113.17	ng	-0.03
7) Phenol-d6	6.38	99	979118	118.54	ng	-0.03
23) Nitrobenzene-d5	7.30	82	534250	67.76	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	238260	124.81	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	783052	64.01	ng	-0.05
78) Terphenyl-d14	12.84	244	873826	78.07	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.49	163	116580	7.73	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: BF086154.D

Acq: 8 Apr 2016 2:45

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-39(0.5-25.0)

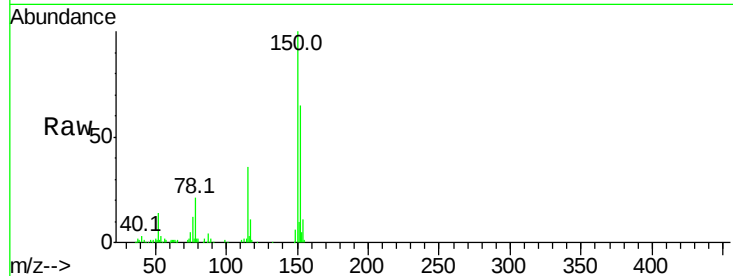
Tot Ion:152 Resp: 111154

Ion Ratio Lower Upper

152 100

150 153.2 124.2 186.2

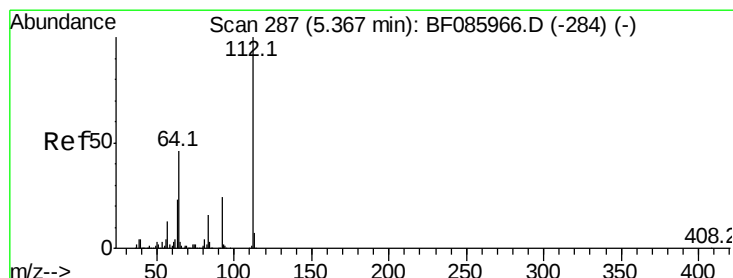
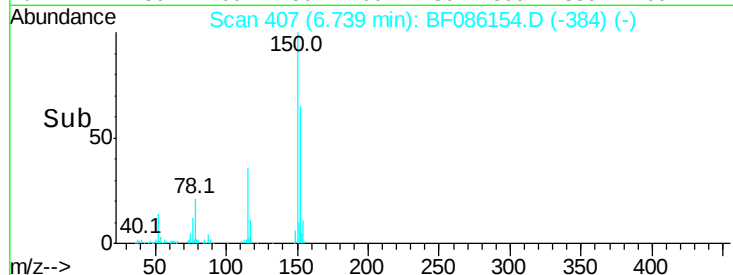
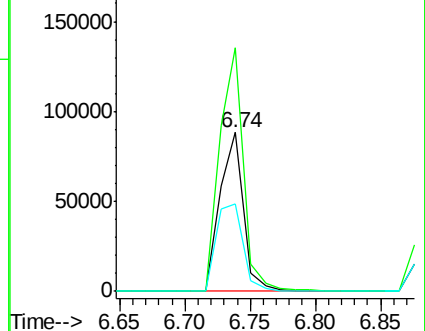
115 55.2 47.0 70.6



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: 113.17 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

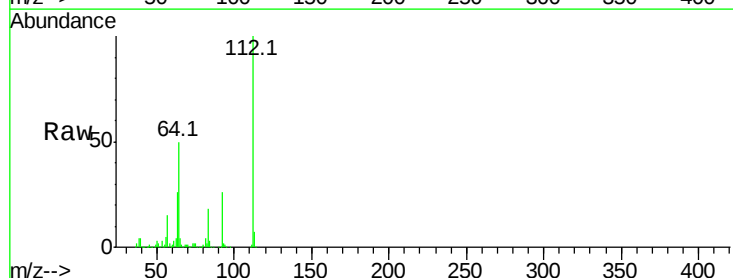
Tgt Ion:112 Resp: 735924

Ion Ratio Lower Upper

112 100

64 50.3 39.9 59.9

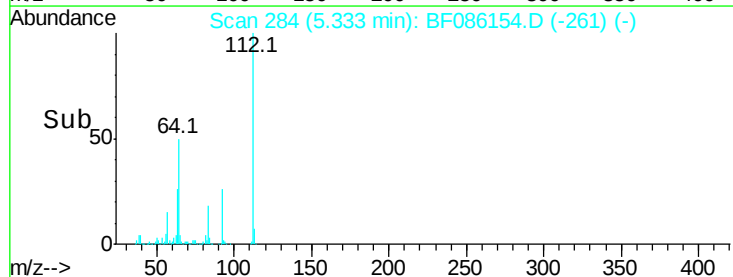
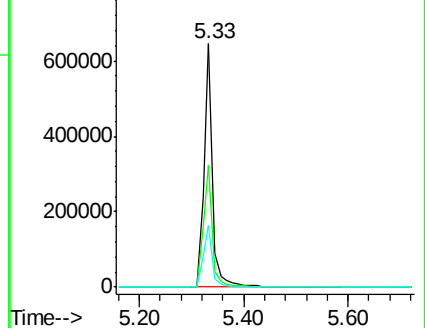
63 25.6 20.2 30.2



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: 118.54 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-39(0.5-25.0)

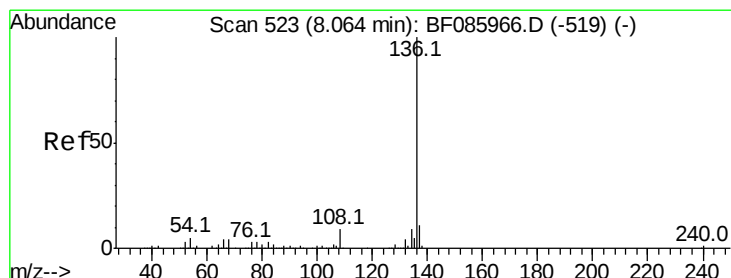
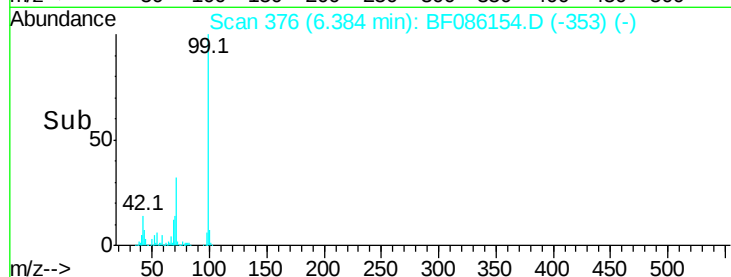
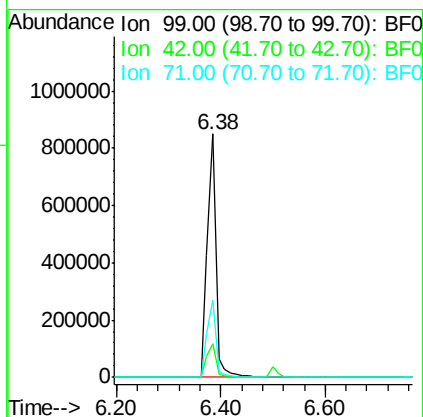
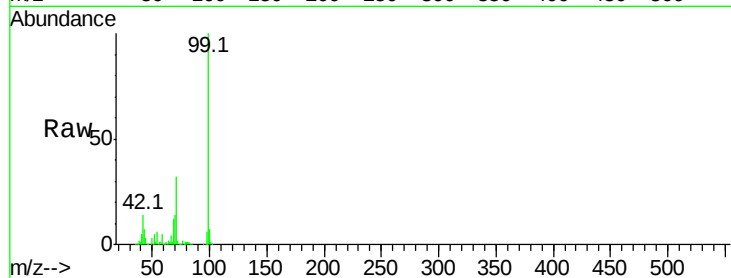
Tot Ion: 99 Resp: 979118

Ion Ratio Lower Upper

99 100

42 13.9 11.1 16.7

71 32.0 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

Tgt Ion: 136 Resp: 464941

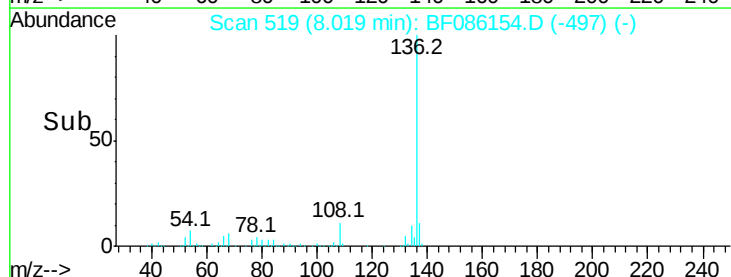
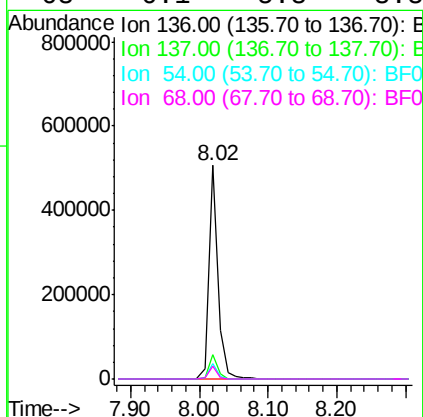
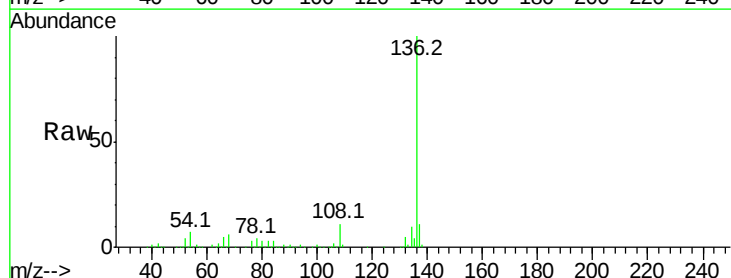
Ion Ratio Lower Upper

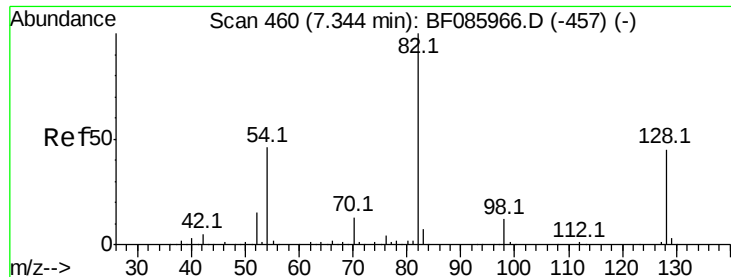
136 100

137 11.3 9.1 13.7

54 7.2 7.4 11.0#

68 6.1 5.8 8.8





#23

Nitrobenzene-d5

Concen: 67.76 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-39(0.5-25.0)

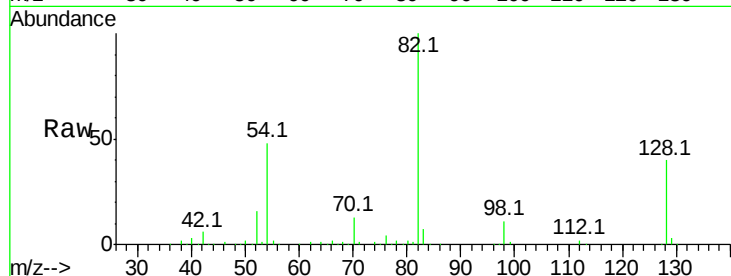
Tot Ion: 82 Resp: 534250

Ion Ratio Lower Upper

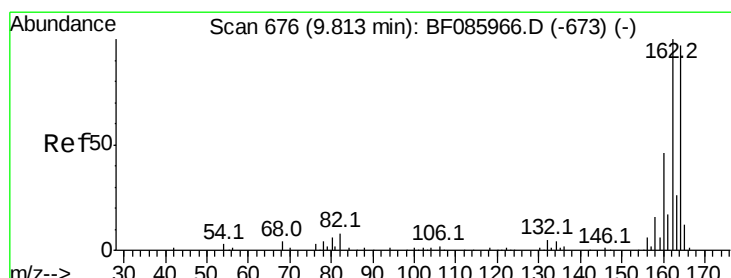
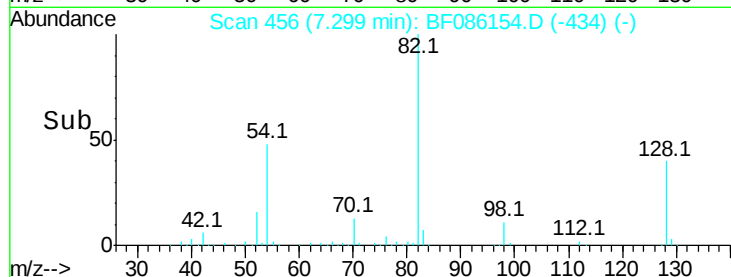
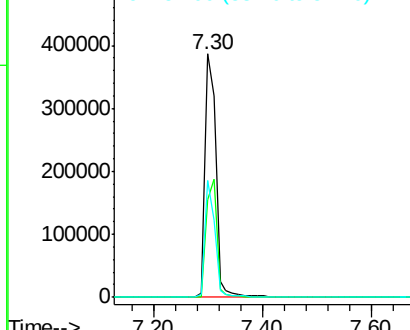
82 100

128 40.2 41.8 62.8#

54 47.9 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: BF086154.D

Acq: 8 Apr 2016 2:45

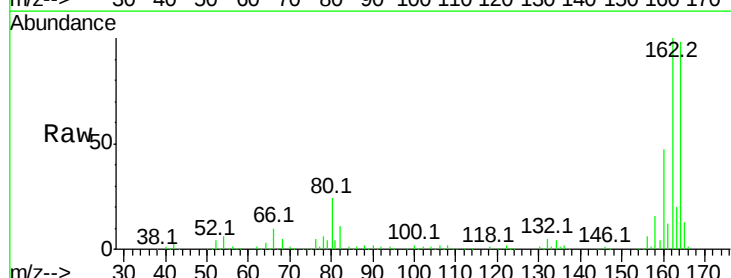
Tgt Ion:164 Resp: 203391

Ion Ratio Lower Upper

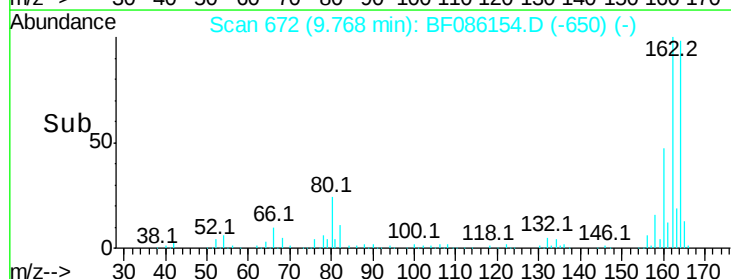
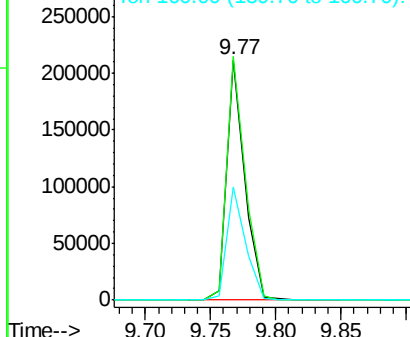
164 100

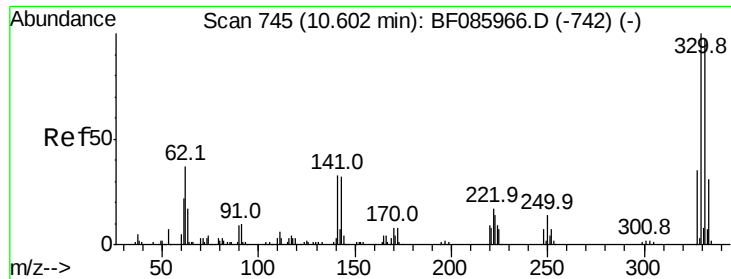
162 101.5 82.1 123.1

160 47.4 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

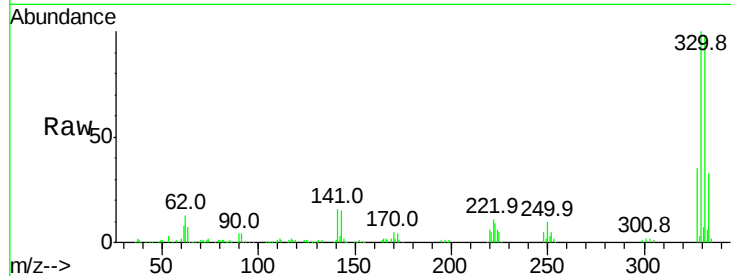




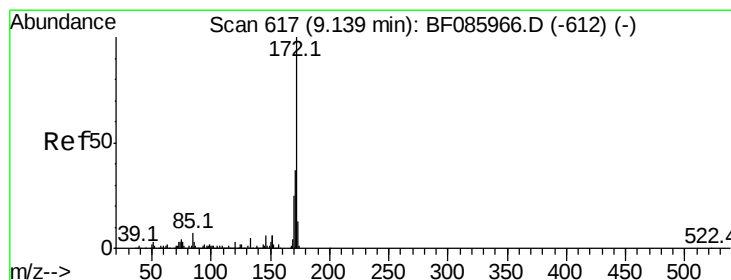
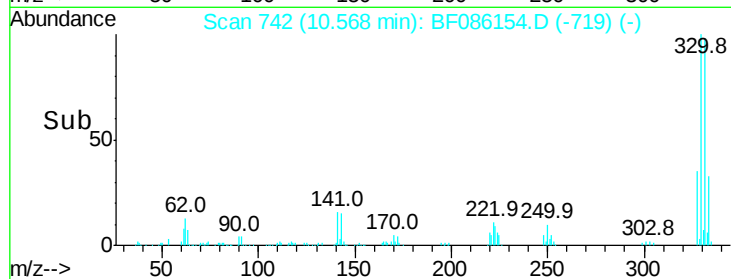
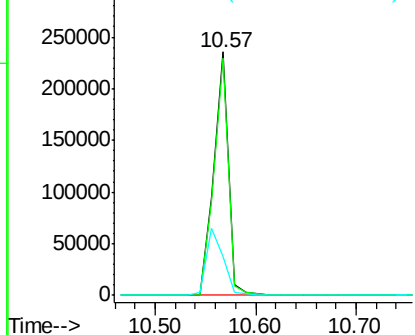
#41
 2,4,6-Tribromophenol
 Concen: 124.81 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086154.D
 Acq: 8 Apr 2016 2:45

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-39(0.5-25.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	31.8	31.5	47.3

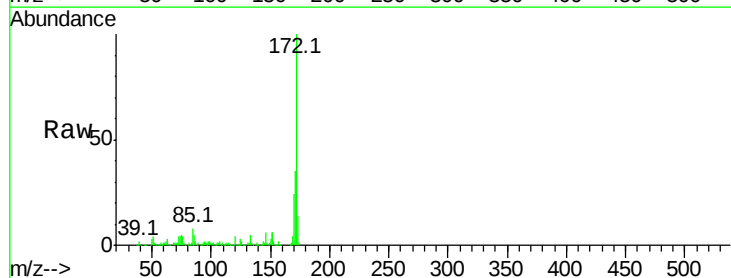


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

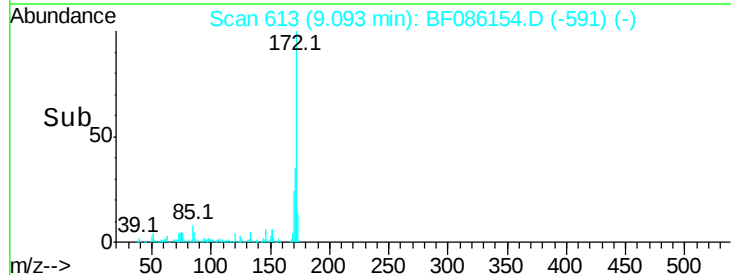
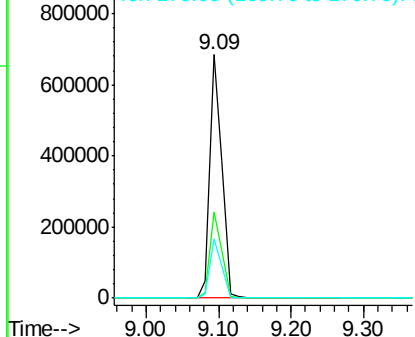


#44
 2-Fluorobiphenyl
 Concen: 64.01 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086154.D
 Acq: 8 Apr 2016 2:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.2
170	24.1	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

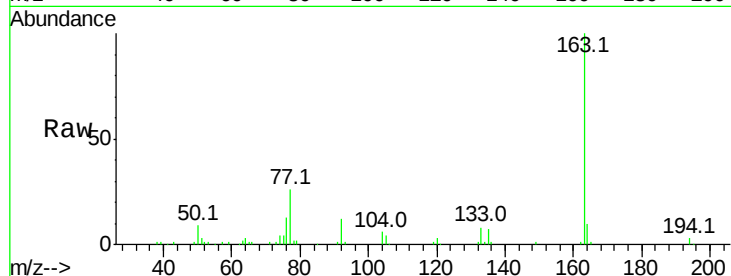




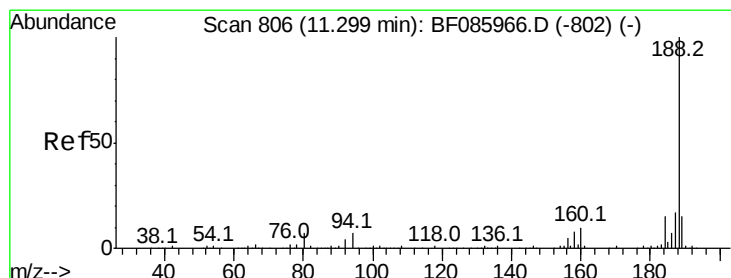
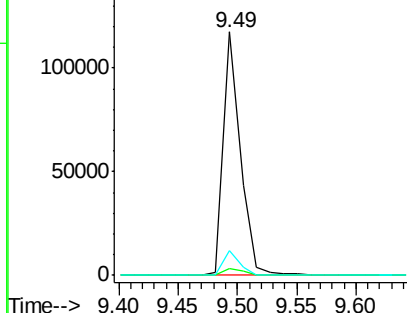
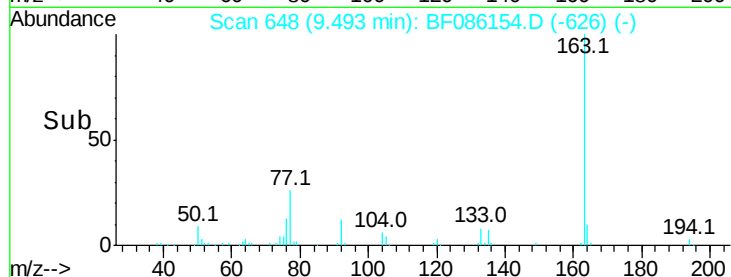
#49
Dimethylphthalate
Concen: 7.73 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086154.D
Acq: 8 Apr 2016 2:45

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-39(0.5-25.0)

Tot Ion:163 Resp: 116580
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 10.3 8.3 12.5

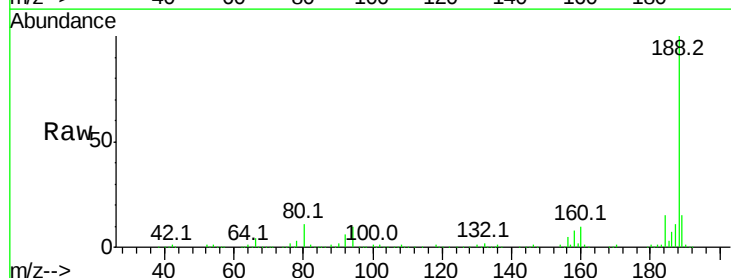


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

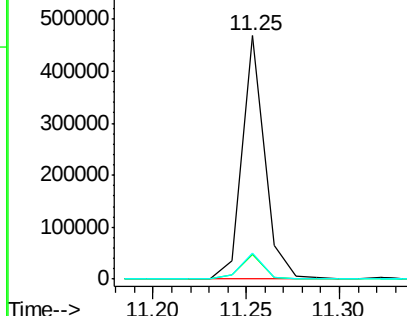
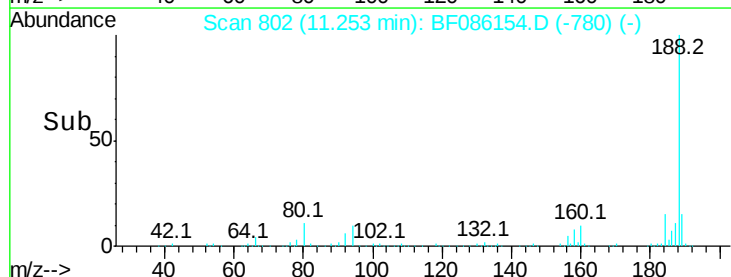


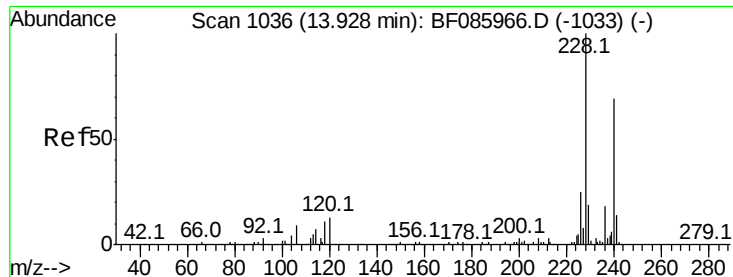
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086154.D
Acq: 8 Apr 2016 2:45

Tgt Ion:188 Resp: 395417
Ion Ratio Lower Upper
188 100
94 10.2 5.4 8.0#
80 10.8 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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-39(0.5-25.0)

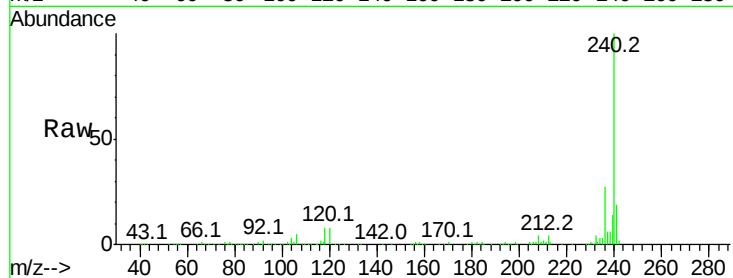
Tot Ion:240 Resp: 263115

Ion Ratio Lower Upper

240 100

120 8.5 13.8 20.8#

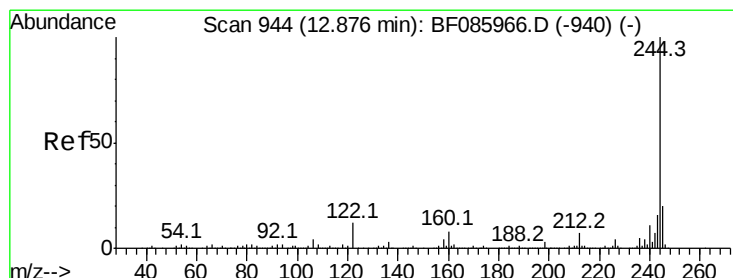
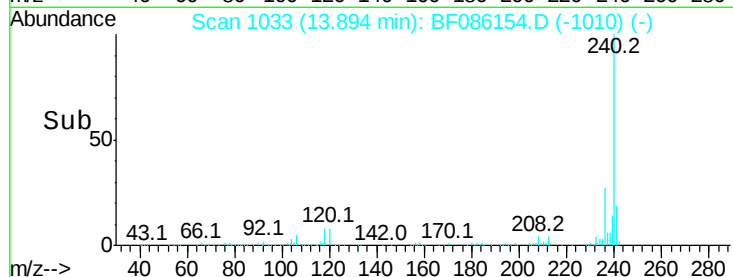
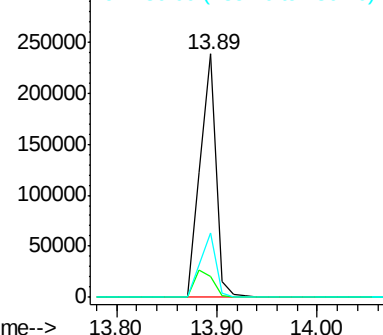
236 26.5 20.6 30.8



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: 78.07 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086154.D

Acq: 8 Apr 2016 2:45

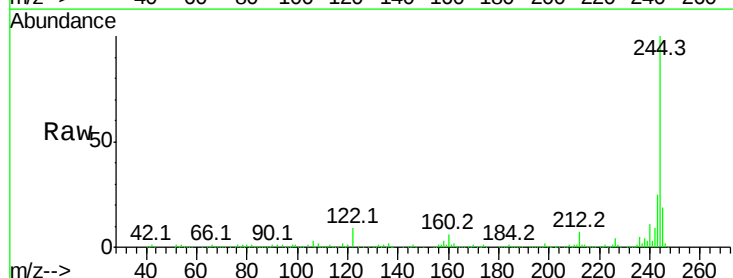
Tgt Ion:244 Resp: 873826

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

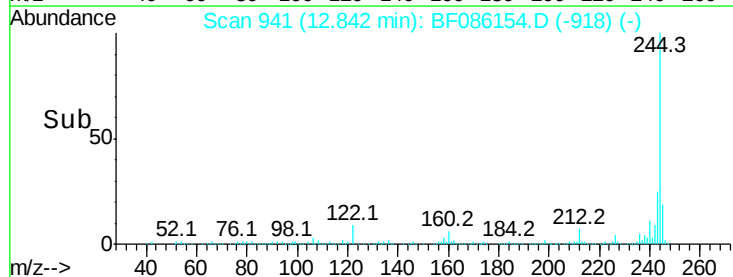
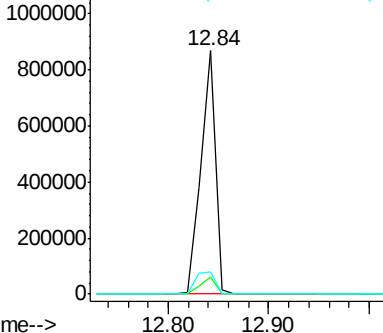
122 9.3 10.2 15.4#

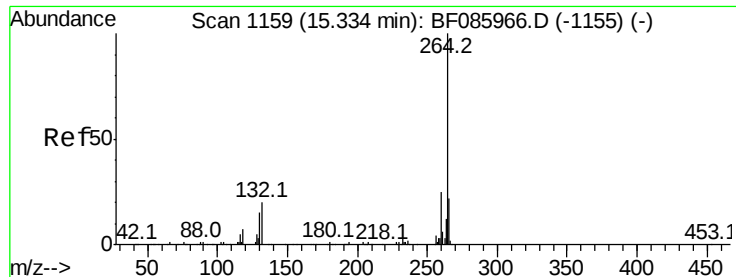


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

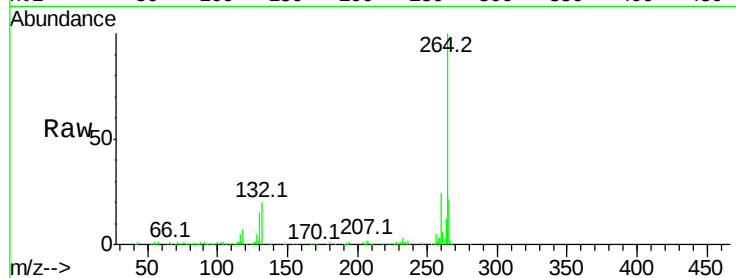




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF086154.D
 Acq: 8 Apr 2016 2:45

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-39(0.5-25.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	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

