

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086157.D
 Acq On : 8 Apr 2016 4:10
 Operator : UM/SJ
 Sample : H2282-20
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-06(0.5-20)

Quant Time: Apr 08 05:08:30 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

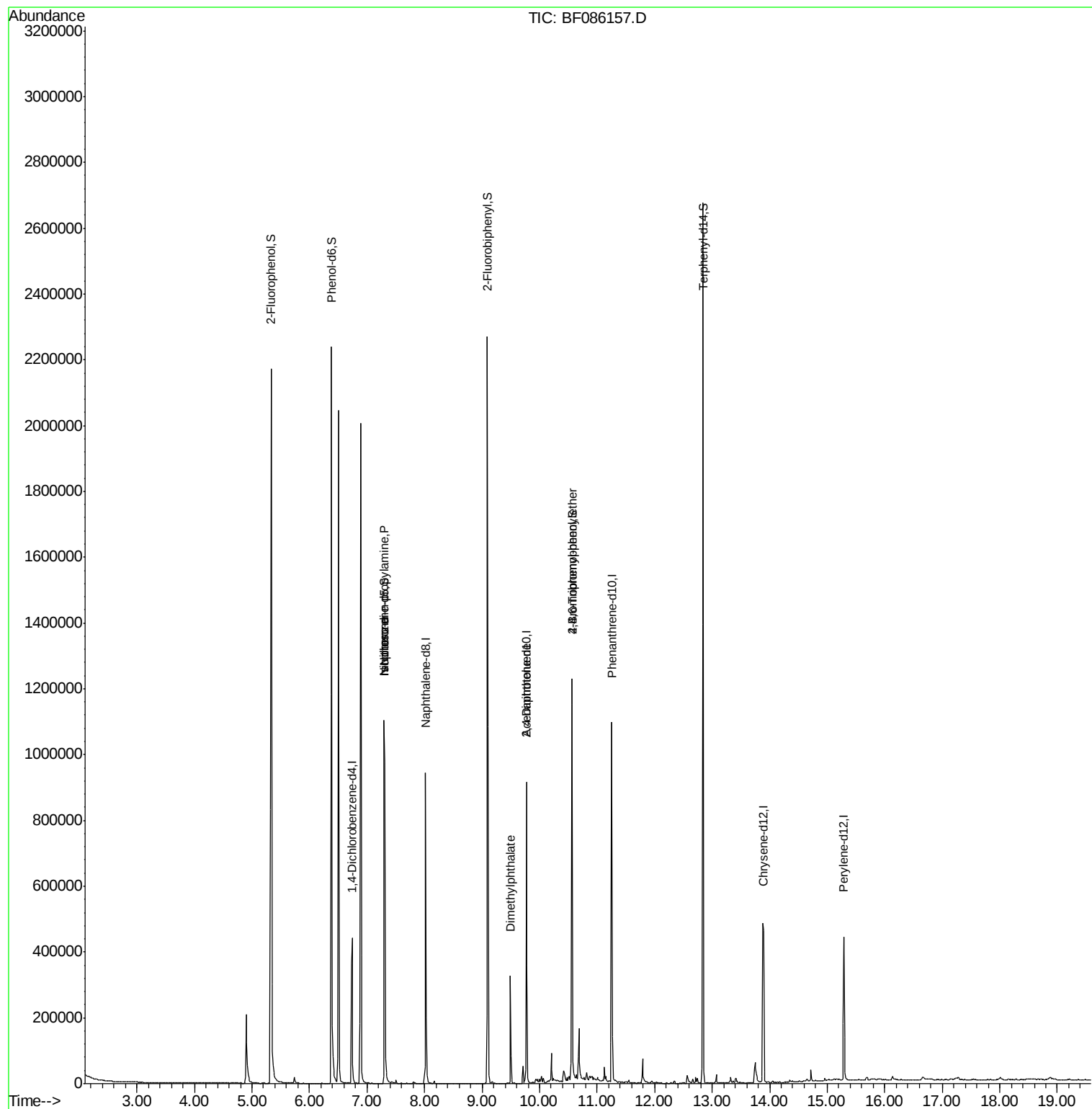
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	101772	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	434819	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	193327	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	375562	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	250675	20.00	ng	-0.03
86) Perylene-d12	15.29	264	189434	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	759503	127.56	ng	-0.03
7) Phenol-d6	6.38	99	1012516	133.88	ng	-0.03
23) Nitrobenzene-d5	7.30	82	565038	76.63	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	247903	136.62	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	857352	73.74	ng	-0.05
78) Terphenyl-d14	12.84	244	968753	90.84	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	71511	15.26	ng	# 79
25) Isophorone	7.30	82	560010	38.48	ng	# 68
49) Dimethylphthalate	9.49	163	133062	9.29	ng	99
56) 2,4-Dinitrotoluene	9.77	165	25583	6.68	ng	# 37
66) 4-Bromophenyl-phenylether	10.57	248	15194	3.96	ng	# 1

(#) = 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: BF086157.D

Acq: 8 Apr 2016 4:10

Instrument :

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ClientSampleId :

AMBOY-SB-06(0.5-20)

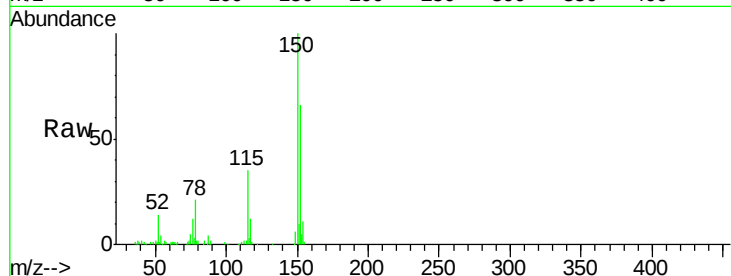
Tgt Ion:152 Resp: 101772

Ion Ratio Lower Upper

152 100

150 151.2 124.2 186.2

115 53.7 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

150000

100000

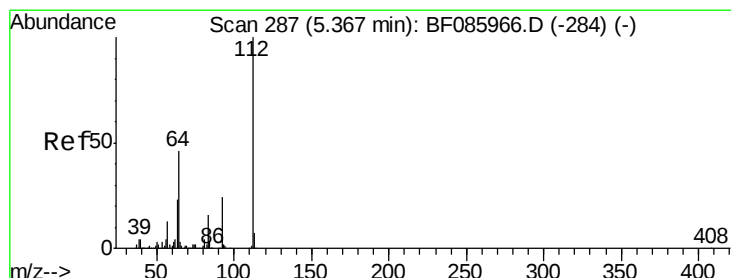
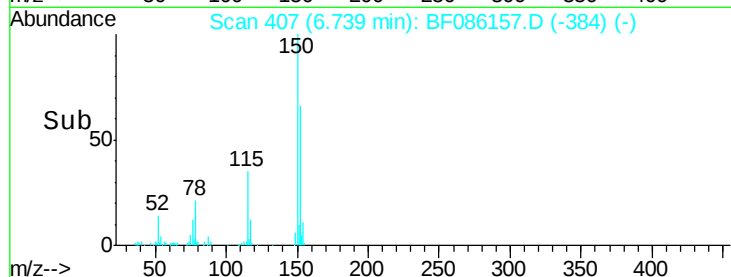
50000

0

6.74

6.65 6.70 6.75 6.80 6.85

Time-->



#5

2-Fluorophenol

Concen: 127.56 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086157.D

Acq: 8 Apr 2016 4:10

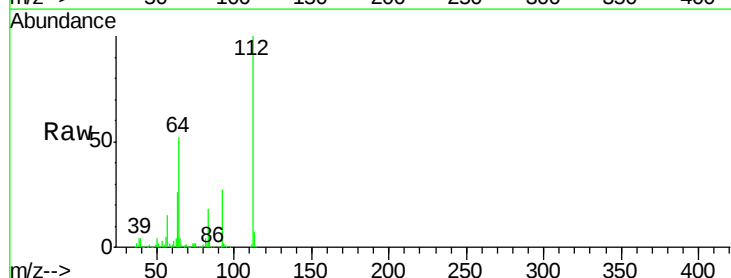
Tgt Ion:112 Resp: 759503

Ion Ratio Lower Upper

112 100

64 51.6 39.9 59.9

63 26.4 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

800000

600000

400000

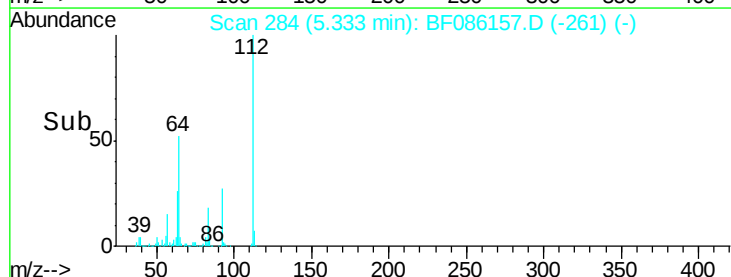
200000

0

5.33

5.20 5.40 5.60

Time-->





#7

Phenol-d6

Concen: 133.88 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086157.D

Acq: 8 Apr 2016 4:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-06(0.5-20)

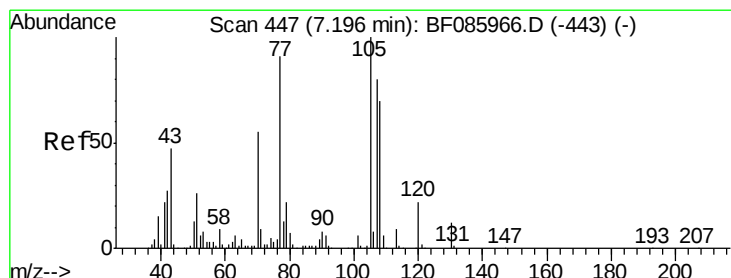
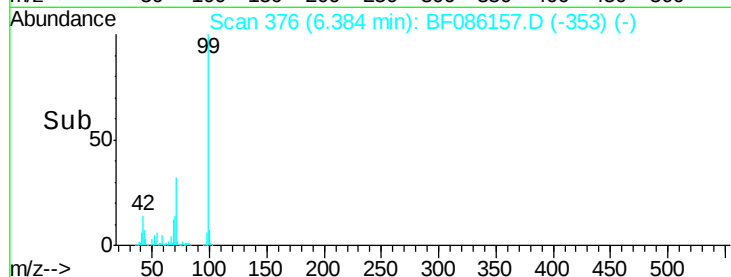
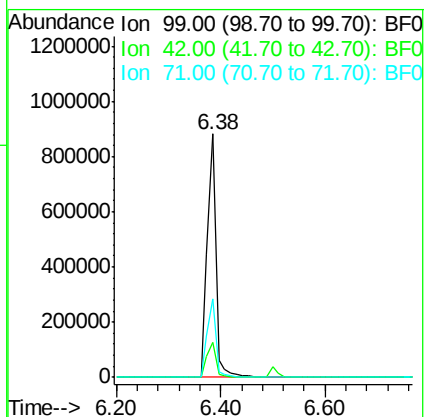
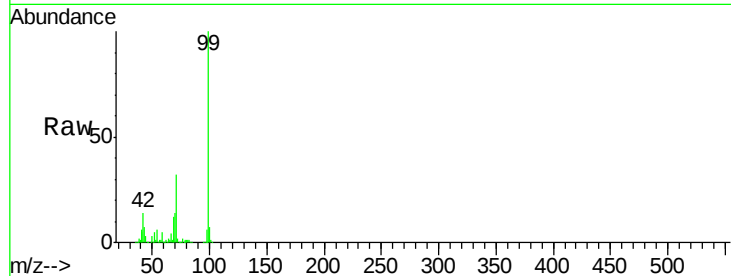
Tgt Ion: 99 Resp: 1012516

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

71 32.3 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.26 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.10 min

Lab File: BF086157.D

Acq: 8 Apr 2016 4:10

Tgt Ion: 70 Resp: 71511

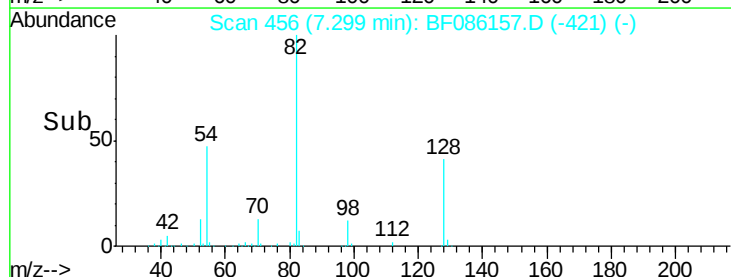
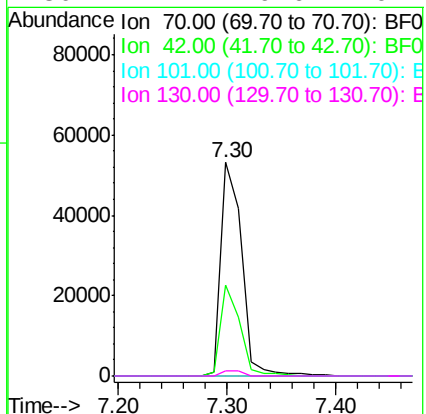
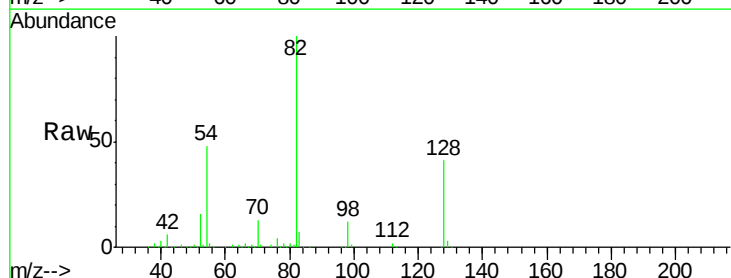
Ion Ratio Lower Upper

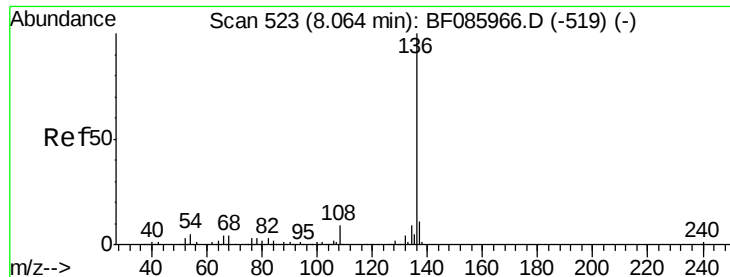
70 100

42 42.4 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

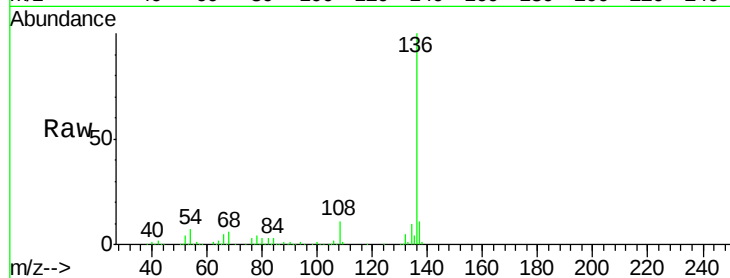




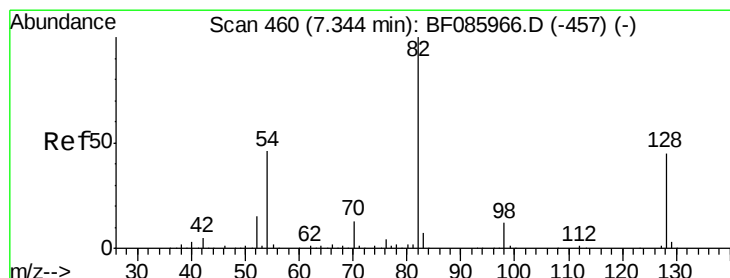
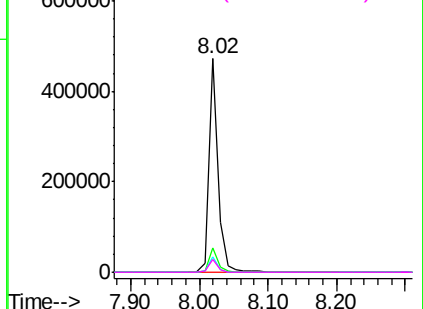
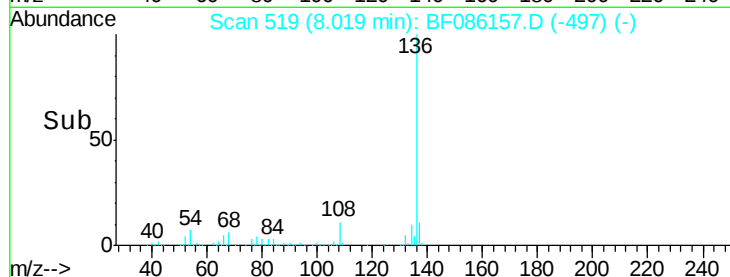
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086157.D
Acq: 8 Apr 2016 4:10

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-06(0.5-20)

Tgt Ion:	136	Resp:	434819
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.3	7.4	11.0#
68	6.1	5.8	8.8

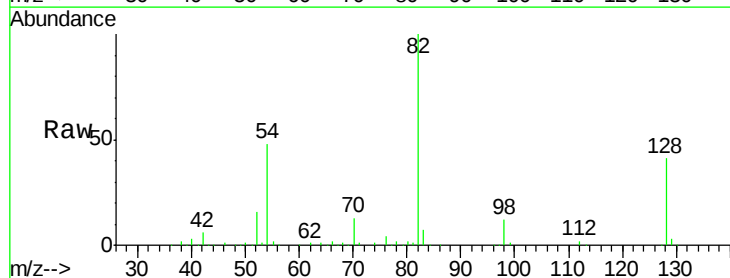


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

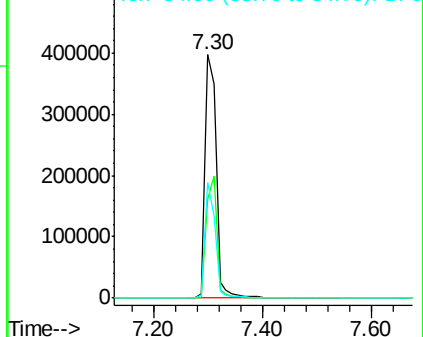
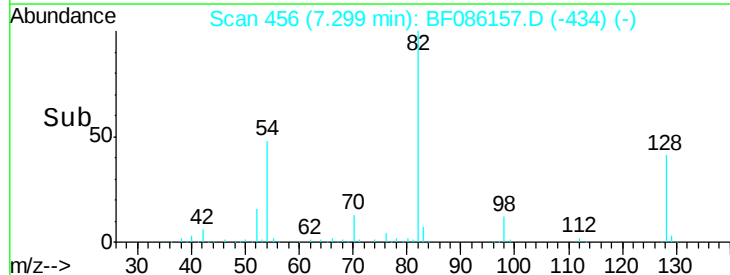


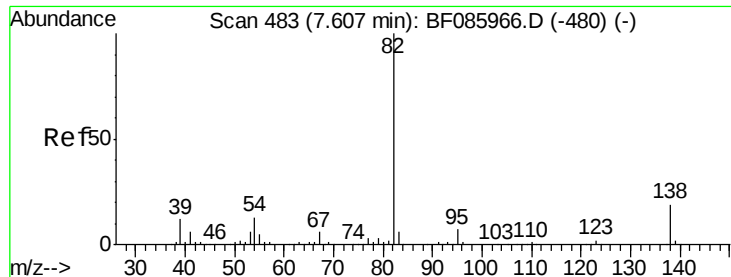
#23
Nitrobenzene-d5
Concen: 76.63 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086157.D
Acq: 8 Apr 2016 4:10

Tgt Ion:	82	Resp:	565038
Ion	Ratio	Lower	Upper
82	100		
128	40.5	41.8	62.8#
54	47.5	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





#25

Isophorone

Concen: 38.48 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF086157.D

Acq: 8 Apr 2016 4:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-06(0.5-20)

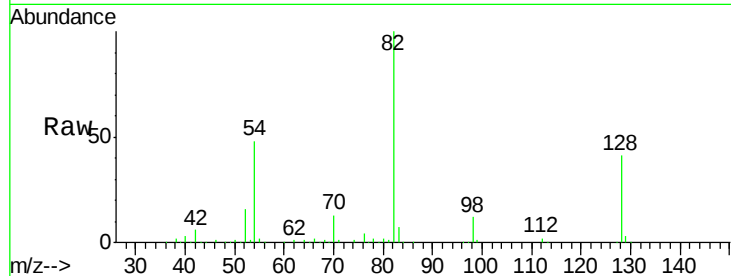
Tgt Ion: 82 Resp: 560010

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

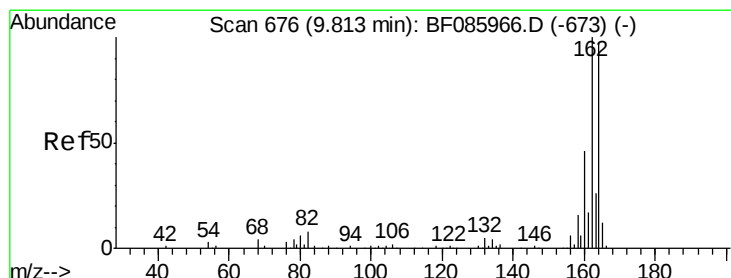
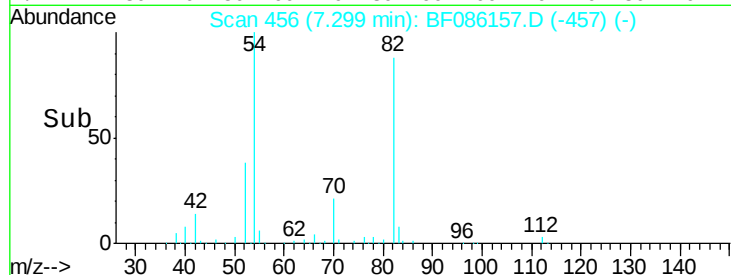
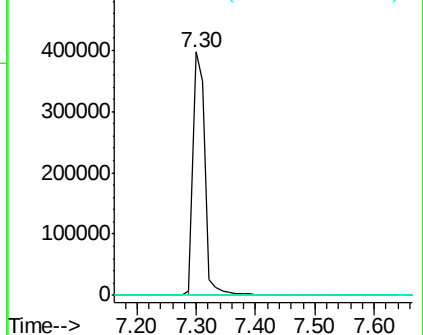
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF086157.D

Acq: 8 Apr 2016 4:10

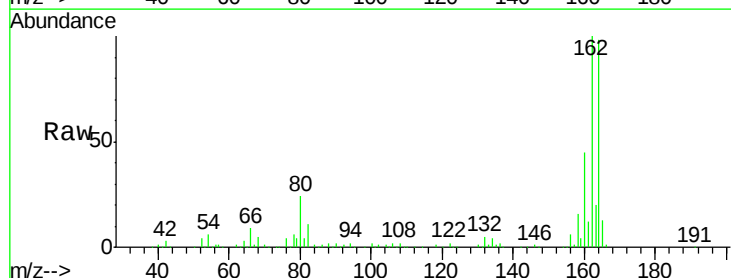
Tgt Ion: 164 Resp: 193327

Ion Ratio Lower Upper

164 100

162 102.0 82.1 123.1

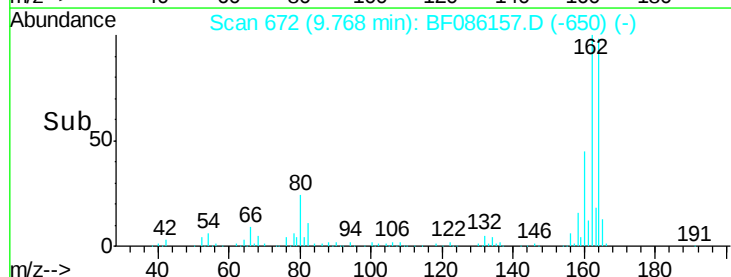
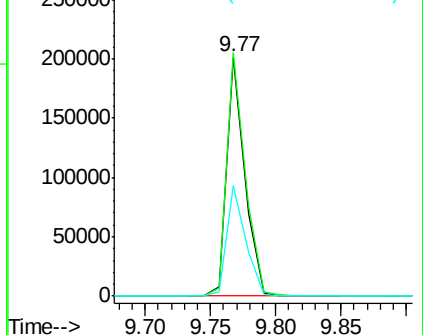
160 46.2 37.4 56.2

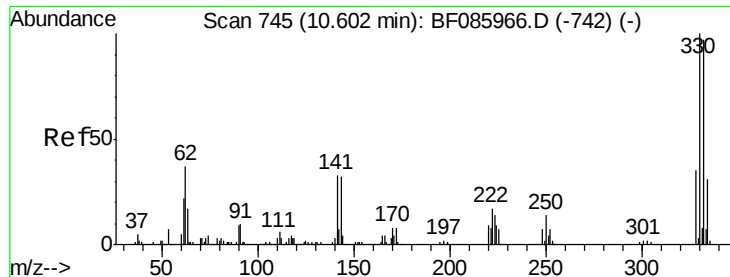


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

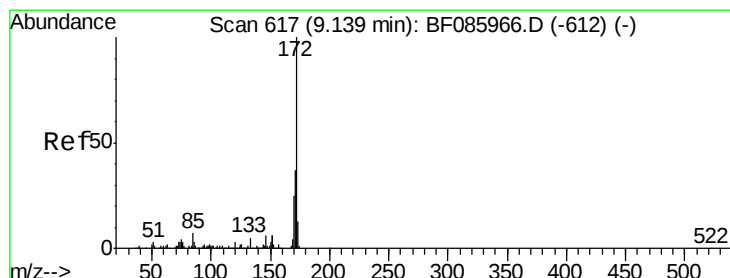
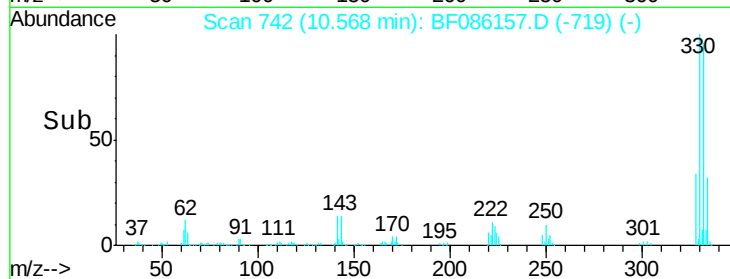
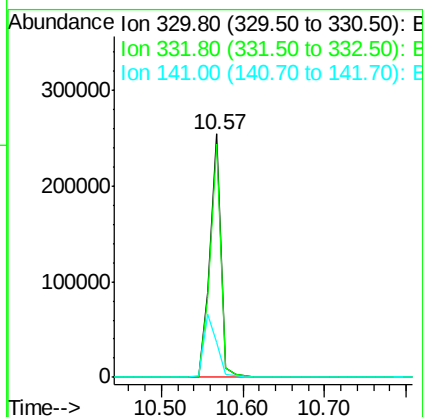
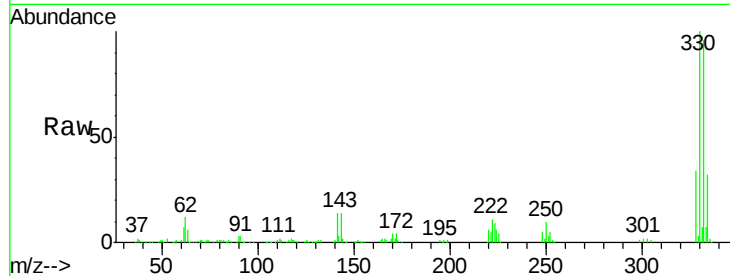




#41
 2,4,6-Tribromophenol
 Concen: 136.62 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086157.D
 Acq: 8 Apr 2016 4:10

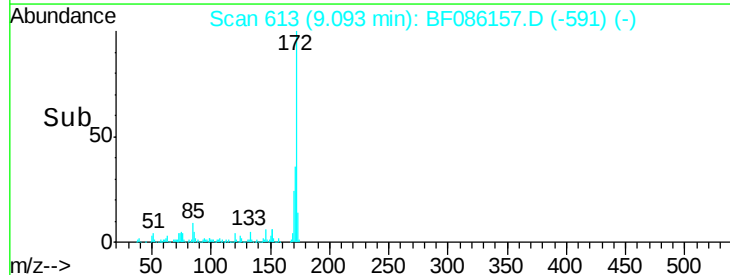
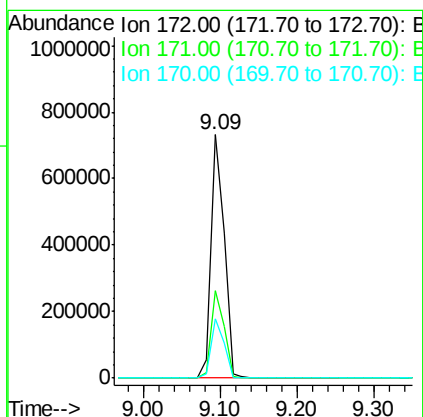
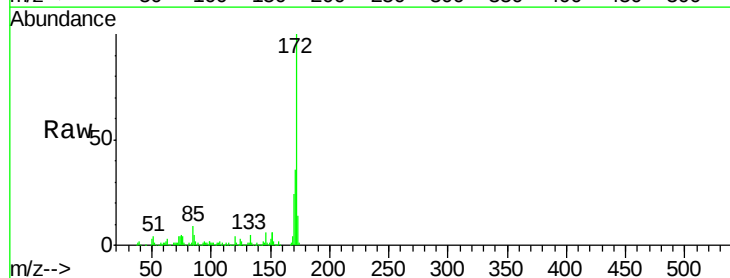
Instrument :
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 AMBOY-SB-06(0.5-20)

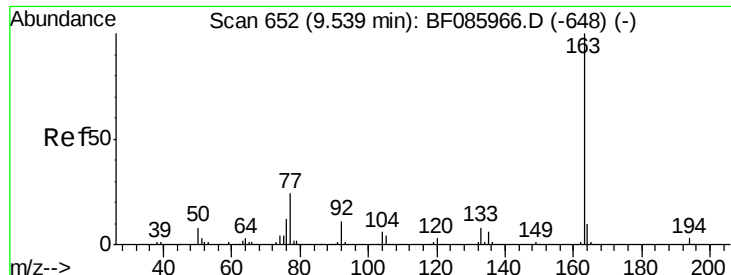
Tgt Ion:330 Resp: 247903
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.2 117.2
 141 30.6 31.5 47.3#



#44
 2-Fluorobiphenyl
 Concen: 73.74 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086157.D
 Acq: 8 Apr 2016 4:10

Tgt Ion:172 Resp: 857352
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.2 19.8 29.6

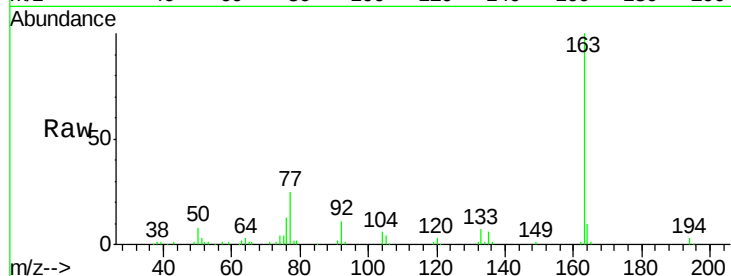




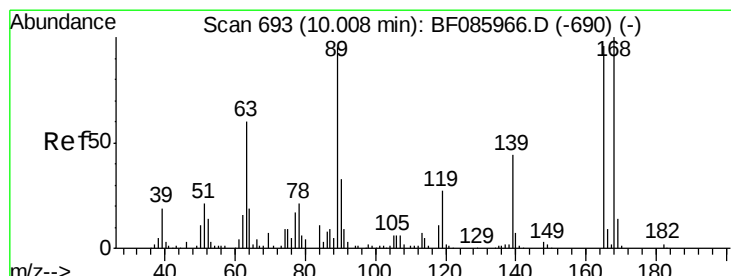
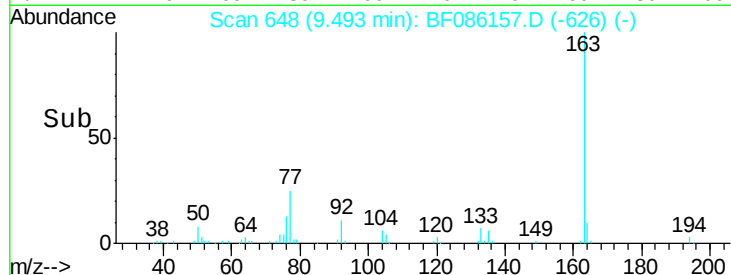
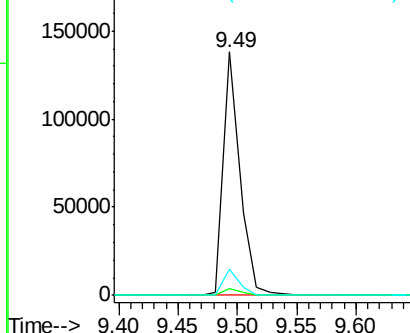
#49
Dimethylphthalate
Concen: 9.29 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086157.D
Acq: 8 Apr 2016 4:10

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-06(0.5-20)

Tgt Ion:163 Resp: 133062
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 10.5 8.3 12.5

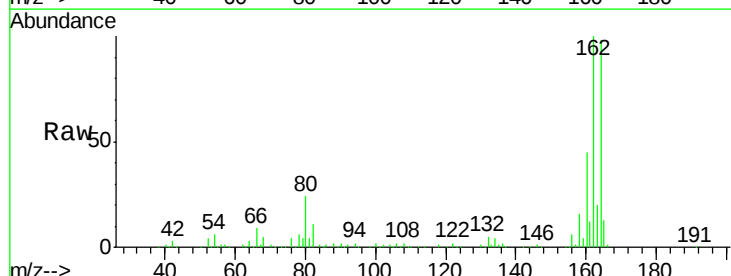


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

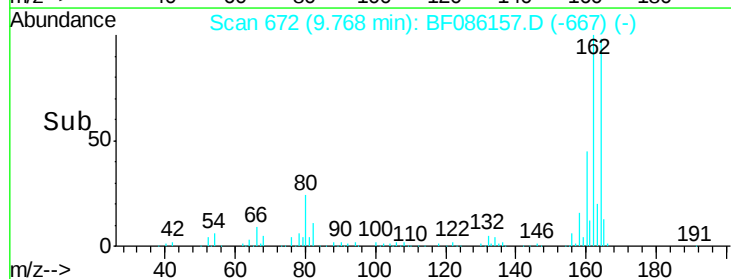
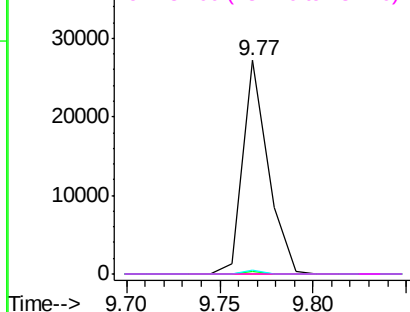


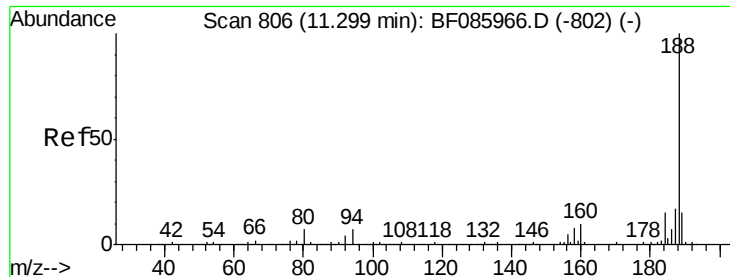
#56
2,4-Dinitrotoluene
Concen: 6.68 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.24 min
Lab File: BF086157.D
Acq: 8 Apr 2016 4:10

Tgt Ion:165 Resp: 25583
Ion Ratio Lower Upper
165 100
63 1.4 24.9 37.3#
89 1.8 41.0 61.6#
182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

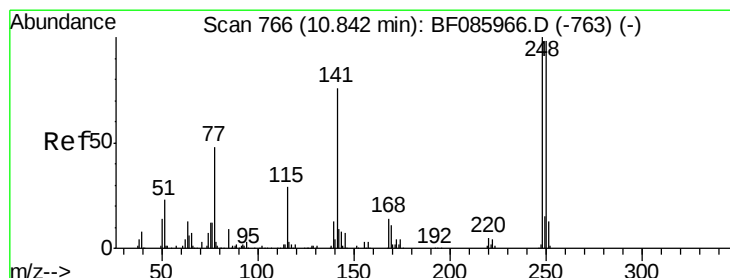
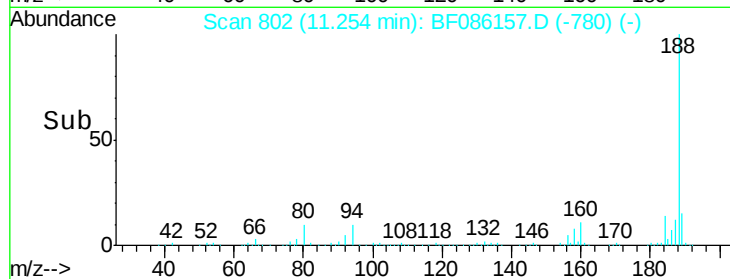
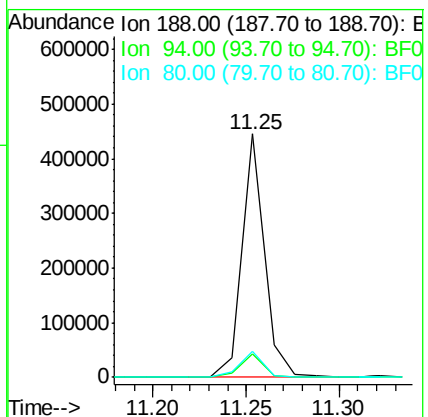
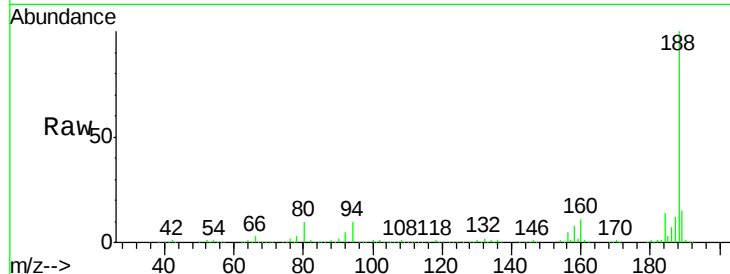




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086157.D
Acq: 8 Apr 2016 4:10

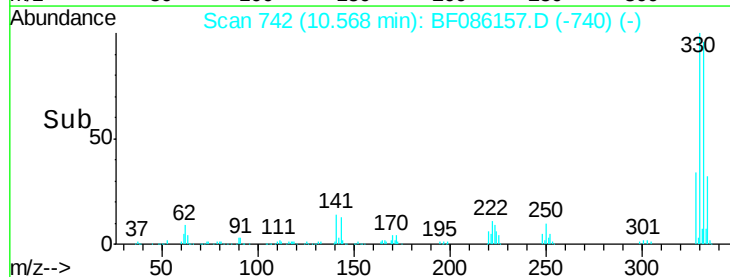
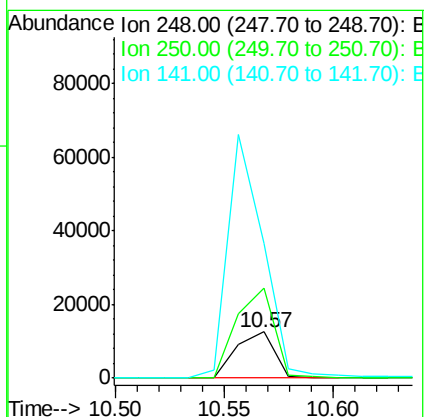
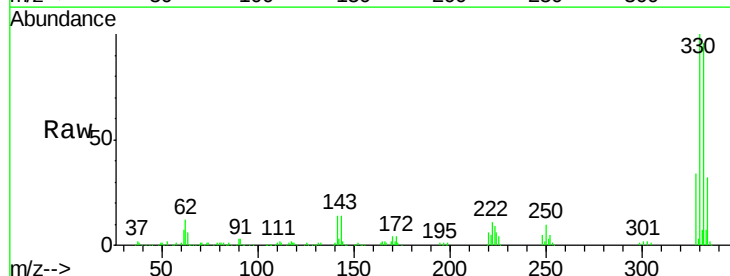
Instrument :
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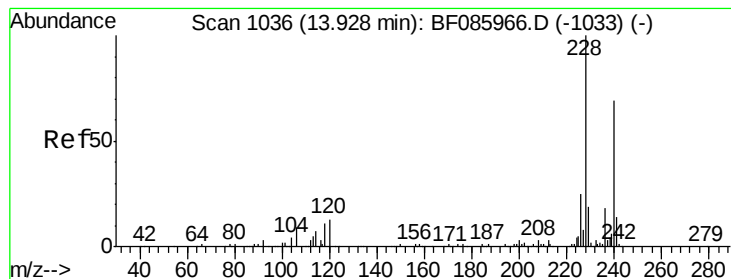
Tgt Ion:188 Resp: 375562
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 10.4 5.5 8.3#



#66
4-Bromophenyl-phenylether
Concen: 3.96 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086157.D
Acq: 8 Apr 2016 4:10

Tgt Ion:248 Resp: 15194
Ion Ratio Lower Upper
248 100
250 195.2 77.4 116.0#
141 291.0 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086157.D

Acq: 8 Apr 2016 4:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-06(0.5-20)

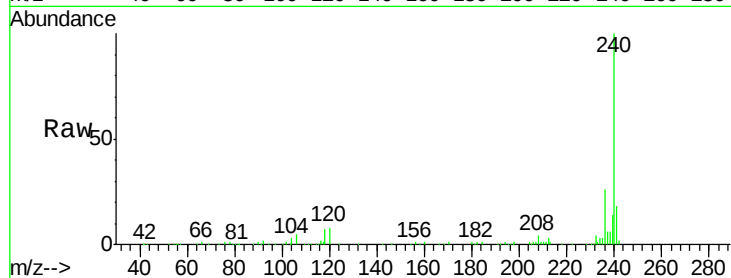
Tgt Ion:240 Resp: 250675

Ion Ratio Lower Upper

240 100

120 8.2 13.8 20.8#

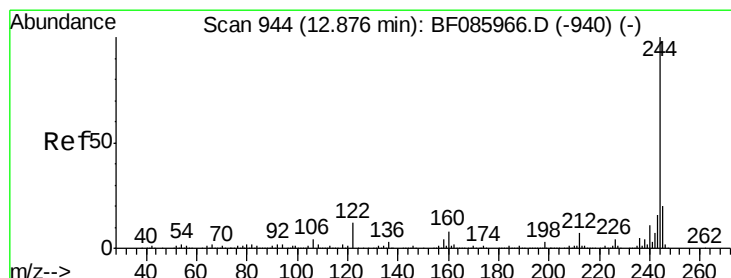
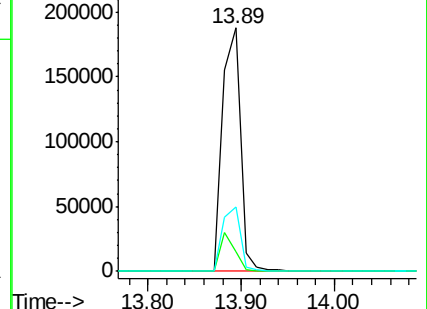
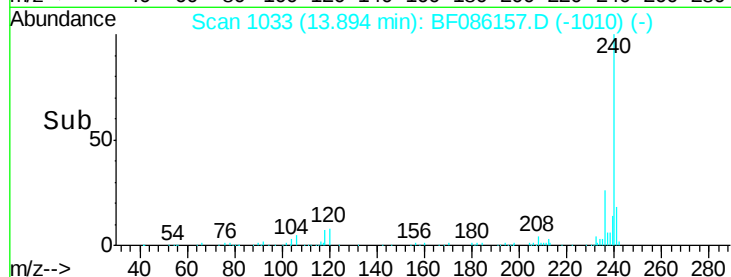
236 26.4 20.6 30.8



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: 90.84 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086157.D

Acq: 8 Apr 2016 4:10

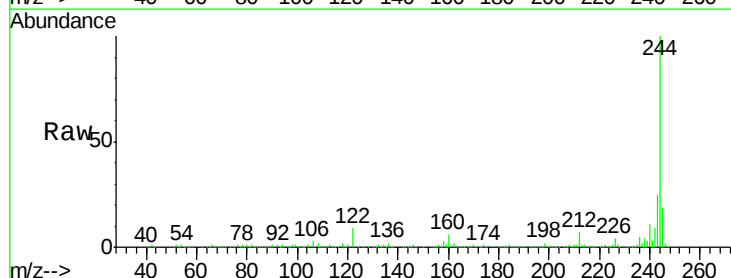
Tgt Ion:244 Resp: 968753

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

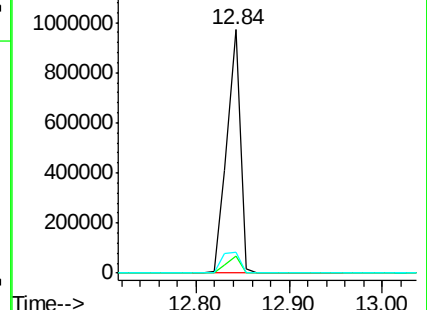
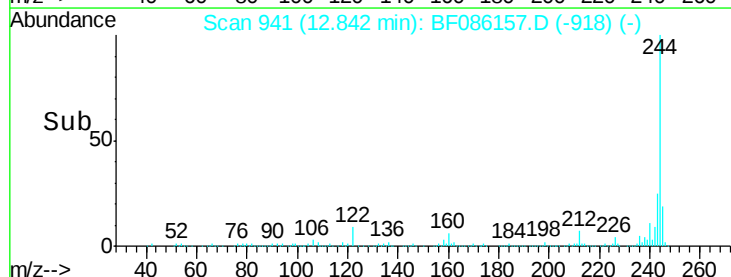
122 8.7 10.2 15.4#

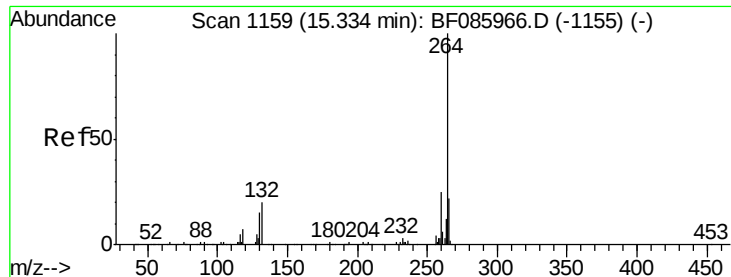


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF086157.D
Acq: 8 Apr 2016 4:10

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-06(0.5-20)

Tgt Ion: 264 Resp: 189434
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 22.2 17.2 25.8

