

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086155.D
 Acq On : 8 Apr 2016 3:13
 Operator : UM/SJ
 Sample : H2282-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-37(0.5-15.0)

Quant Time: Apr 08 03:53:28 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

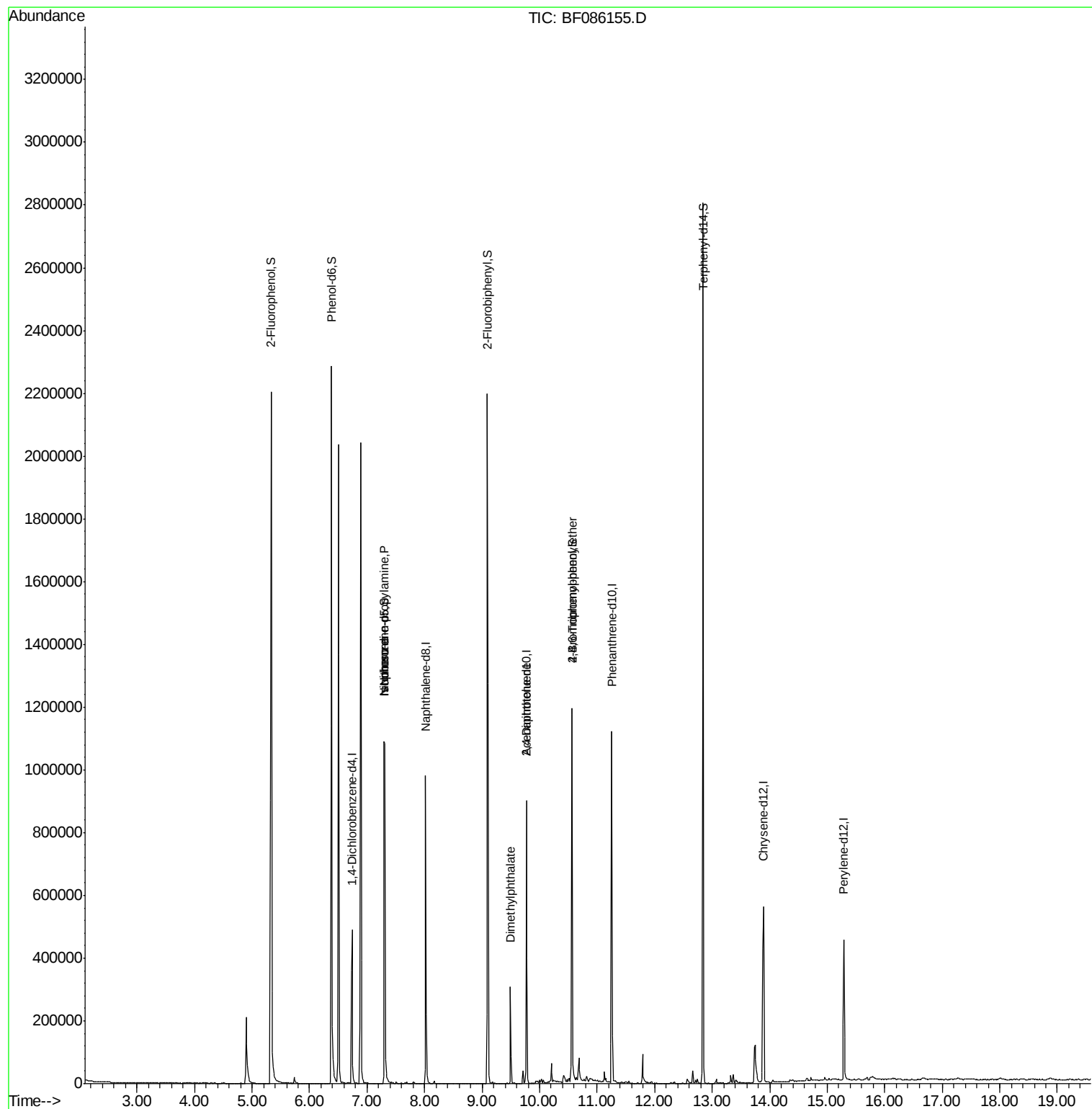
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	107202	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	448170	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	195084	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	386636	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	259803	20.00	ng	-0.03
86) Perylene-d12	15.29	264	201184	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	780864	124.51	ng	-0.03
7) Phenol-d6	6.38	99	1015208	127.44	ng	-0.03
23) Nitrobenzene-d5	7.30	82	589632	77.59	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	245038	133.82	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	894217	76.21	ng	-0.05
78) Terphenyl-d14	12.84	244	970131	87.78	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	75184	15.23	ng	# 80
25) Isophorone	7.30	82	583665	38.91	ng	# 68
49) Dimethylphthalate	9.49	163	126245	8.73	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	25169	6.51	ng	# 37
66) 4-Bromophenyl-phenylether	10.57	248	15136	3.83	ng	# 1

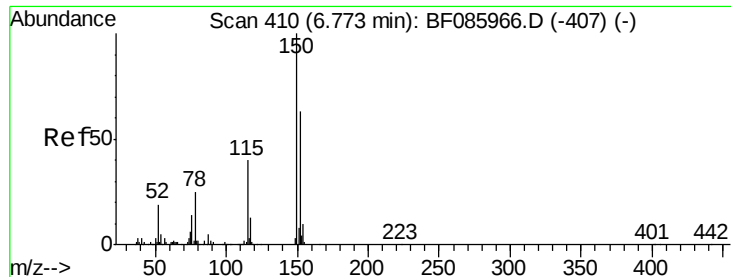
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086155.D

Acq: 8 Apr 2016 3:13

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-37(0.5-15.0)

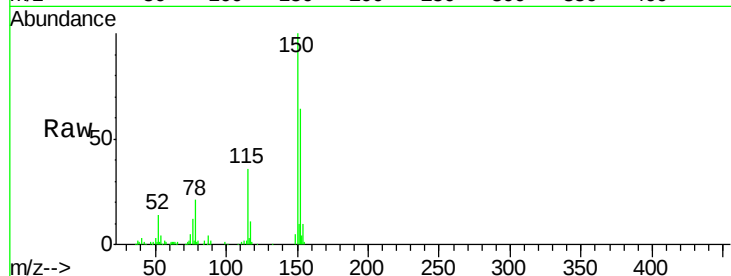
Tgt Ion:152 Resp: 107202

Ion Ratio Lower Upper

152 100

150 155.6 124.2 186.2

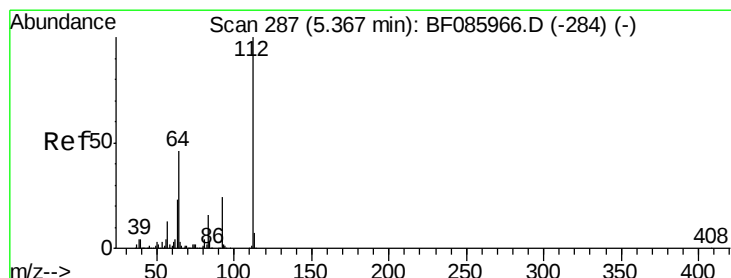
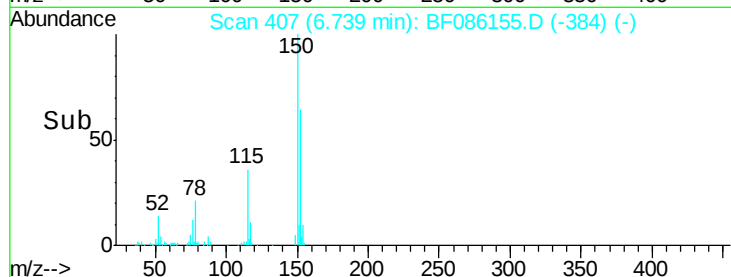
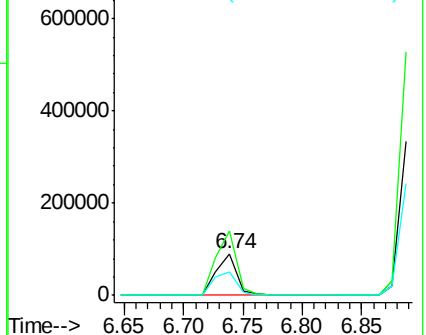
115 55.9 47.0 70.6



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: 124.51 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086155.D

Acq: 8 Apr 2016 3:13

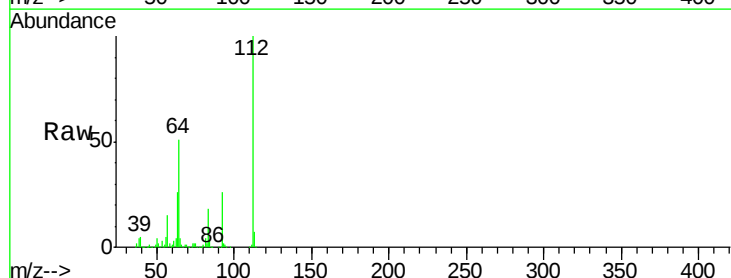
Tgt Ion:112 Resp: 780864

Ion Ratio Lower Upper

112 100

64 51.4 39.9 59.9

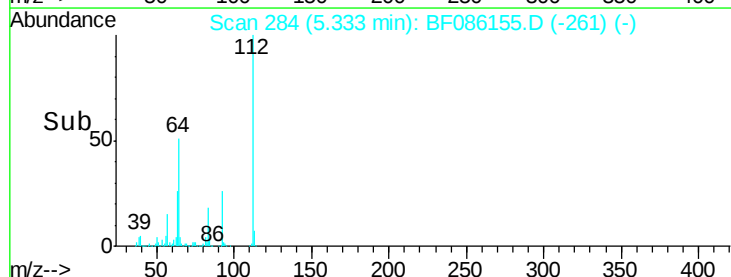
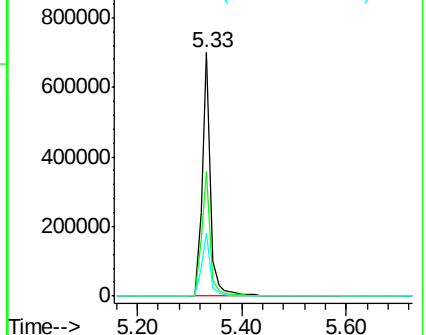
63 26.0 20.2 30.2

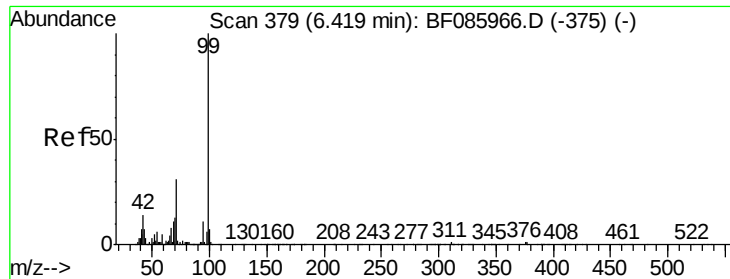


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.44 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086155.D

Acq: 8 Apr 2016 3:13

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-37(0.5-15.0)

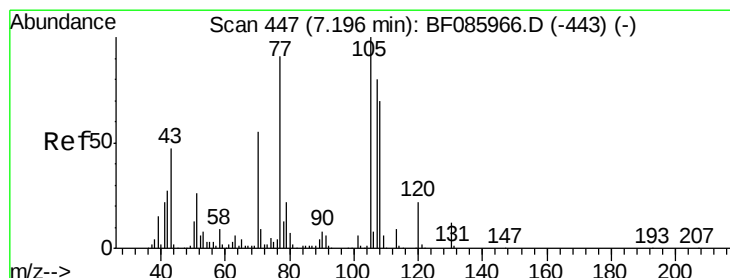
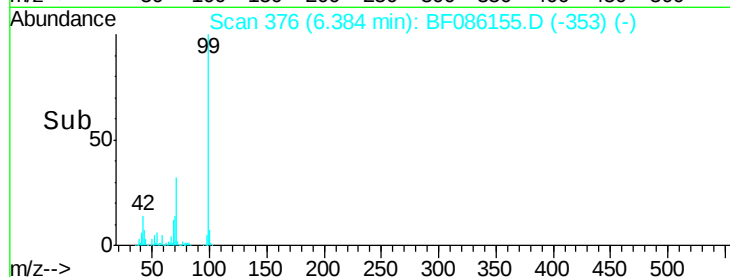
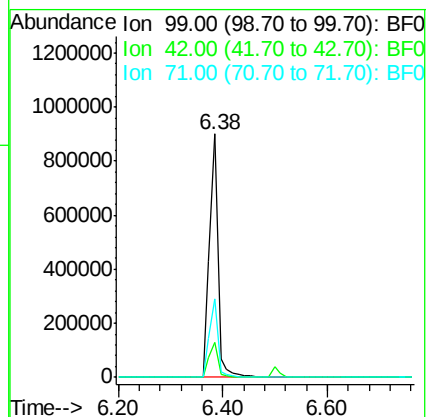
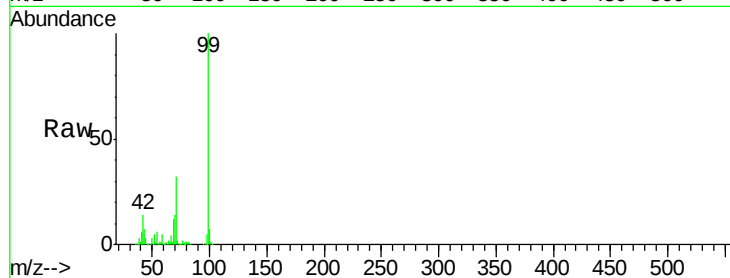
Tgt Ion: 99 Resp: 1015208

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

71 32.1 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.23 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.10 min

Lab File: BF086155.D

Acq: 8 Apr 2016 3:13

Tgt Ion: 70 Resp: 75184

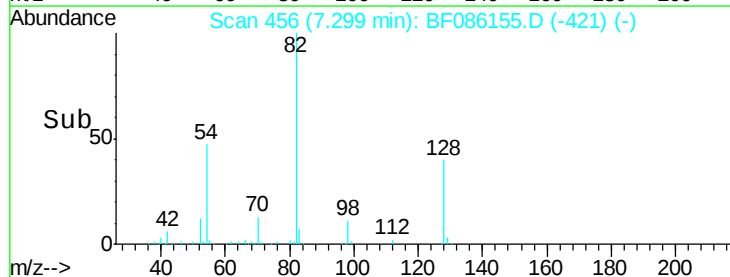
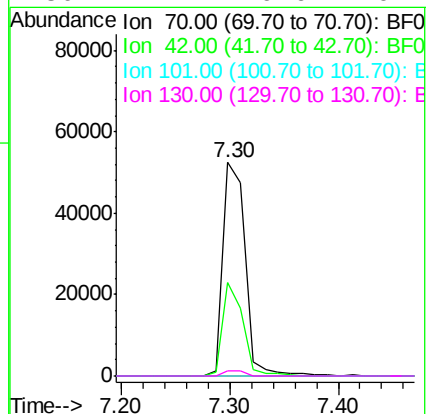
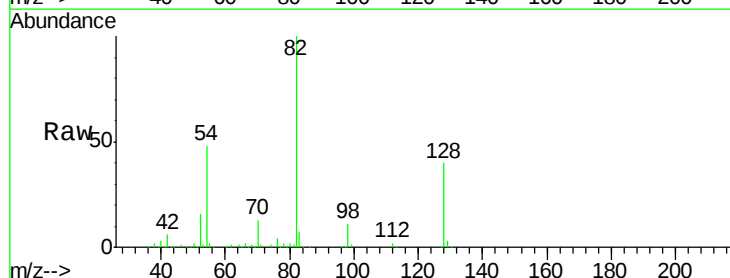
Ion Ratio Lower Upper

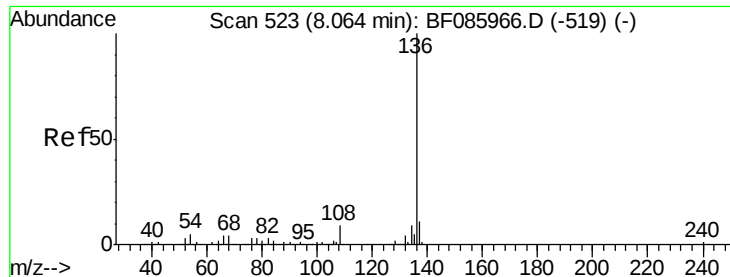
70 100

42 43.5 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

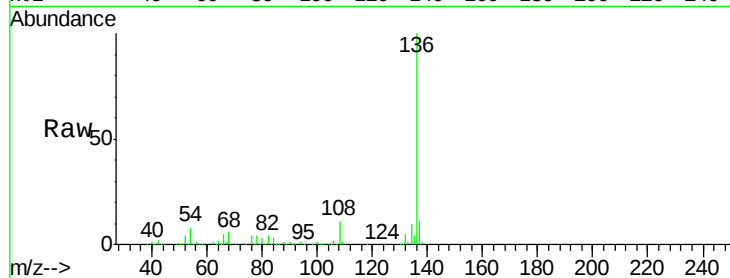




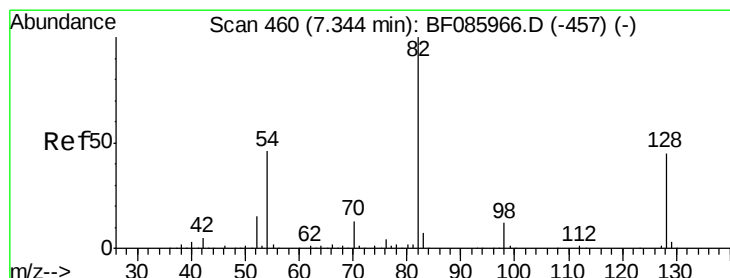
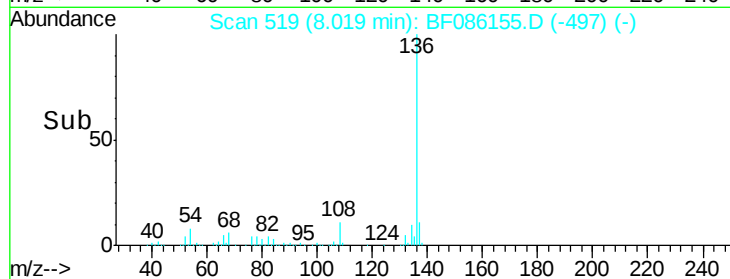
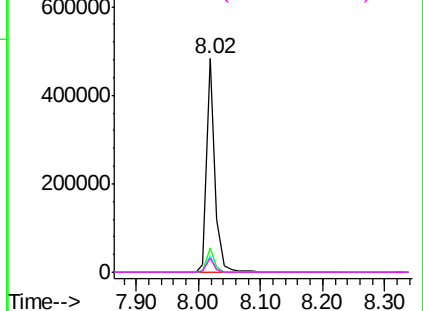
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086155.D
Acq: 8 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-37(0.5-15.0)

Tgt Ion:	136	Resp:	448170
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.7	7.4	11.0
68	6.5	5.8	8.8

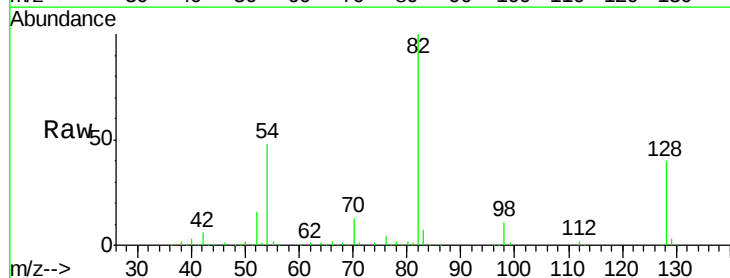


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

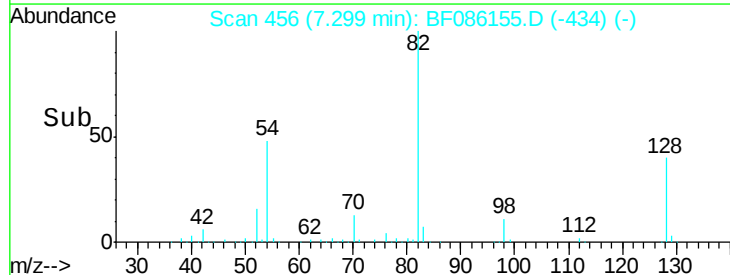
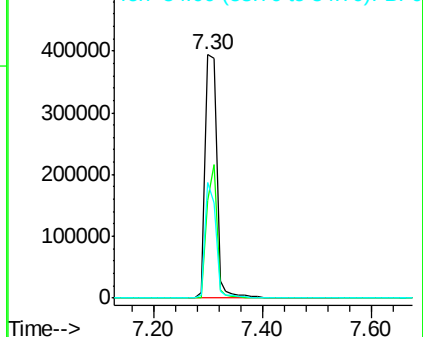


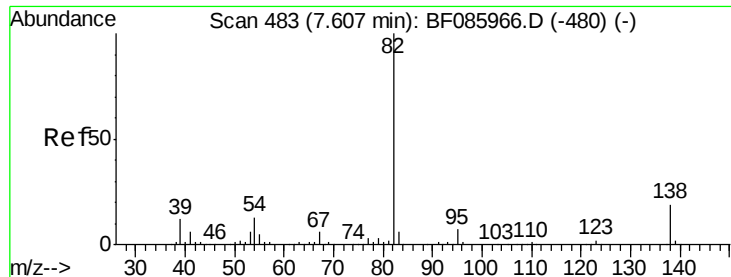
#23
Nitrobenzene-d5
Concen: 77.59 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086155.D
Acq: 8 Apr 2016 3:13

Tgt Ion:	82	Resp:	589632
Ion	Ratio	Lower	Upper
82	100		
128	40.1	41.8	62.8#
54	47.6	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

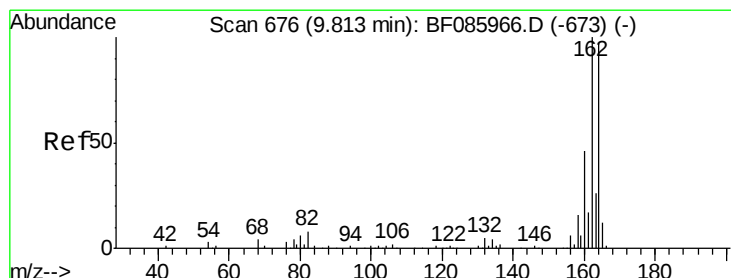
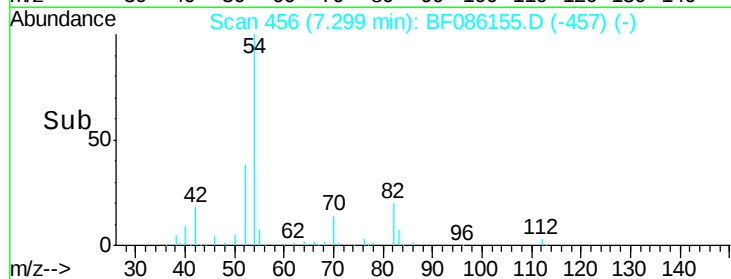
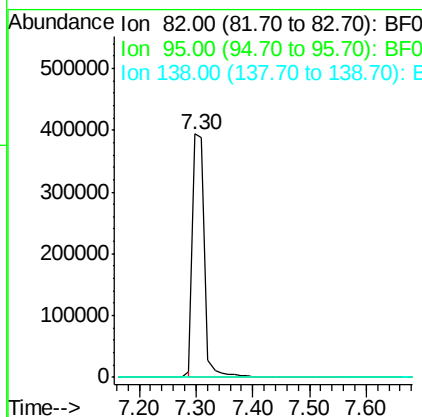
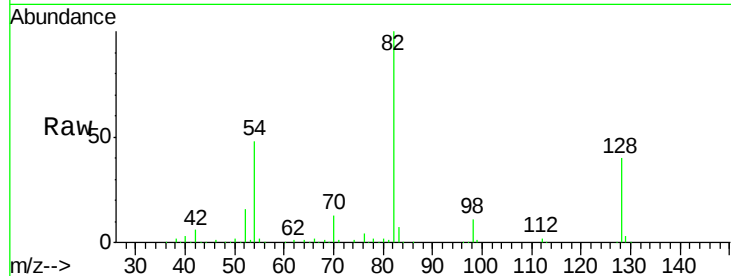




#25
Isophorone
Concen: 38.91 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.31 min
Lab File: BF086155.D
Acq: 8 Apr 2016 3:13

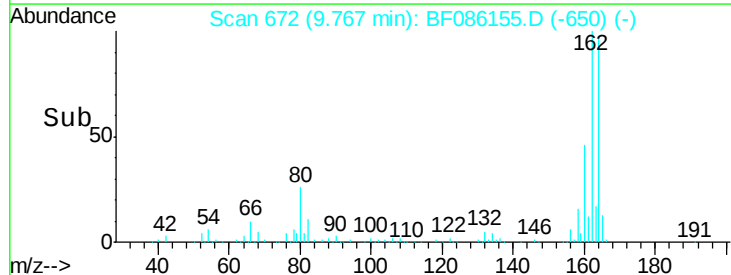
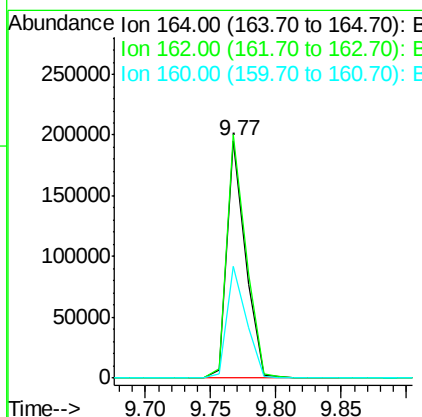
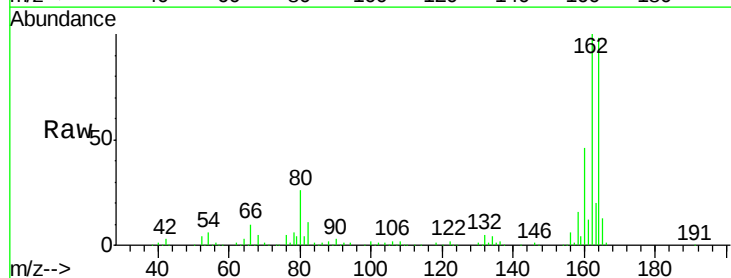
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-37(0.5-15.0)

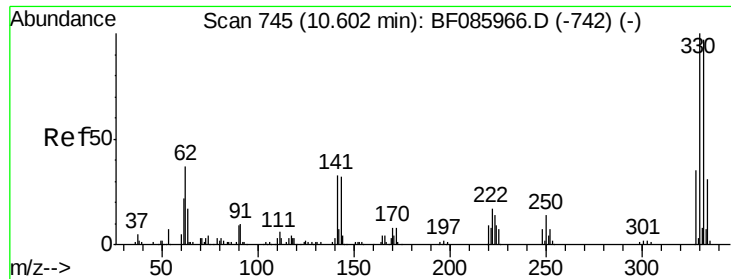
Tgt Ion: 82 Resp: 583665
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086155.D
Acq: 8 Apr 2016 3:13

Tgt Ion: 164 Resp: 195084
Ion Ratio Lower Upper
164 100
162 102.5 82.1 123.1
160 47.1 37.4 56.2

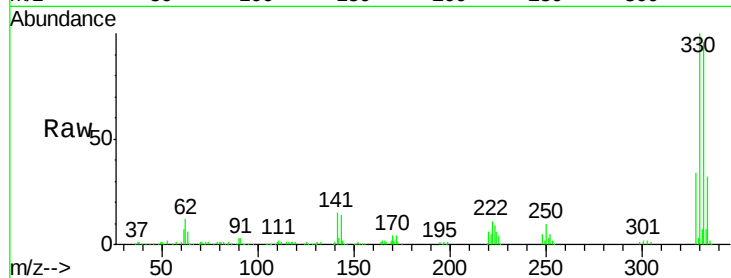




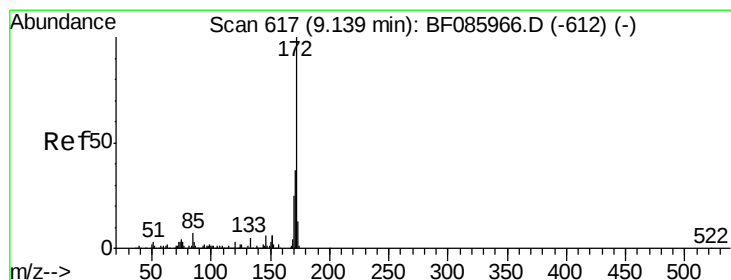
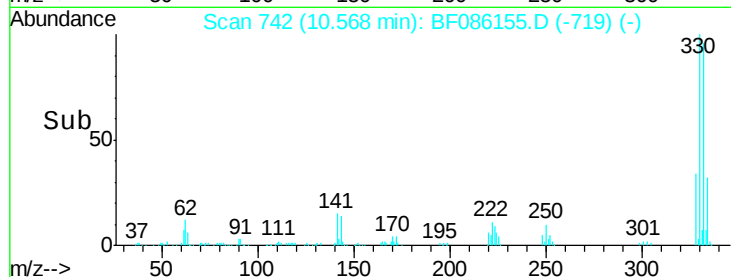
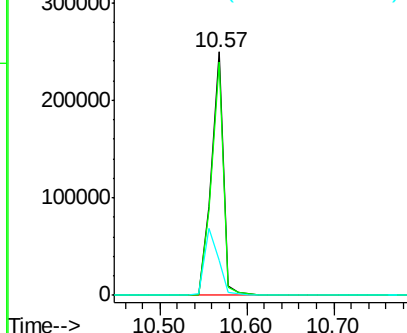
#41
 2,4,6-Tribromophenol
 Concen: 133.82 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086155.D
 Acq: 8 Apr 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-37(0.5-15.0)

Tgt Ion:330 Resp: 245038
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.2 117.2
 141 31.4 31.5 47.3#

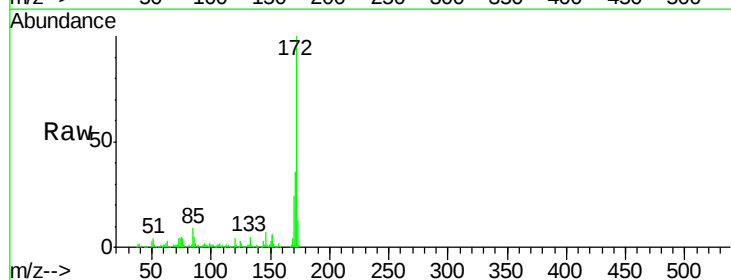


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

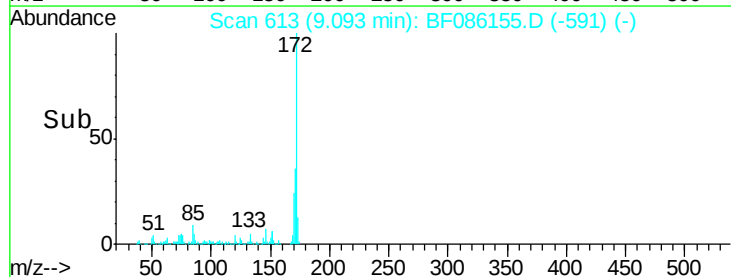
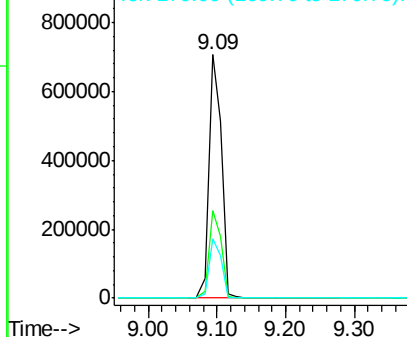


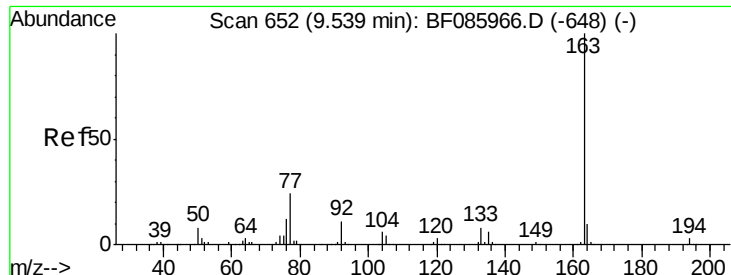
#44
 2-Fluorobiphenyl
 Concen: 76.21 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086155.D
 Acq: 8 Apr 2016 3:13

Tgt Ion:172 Resp: 894217
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

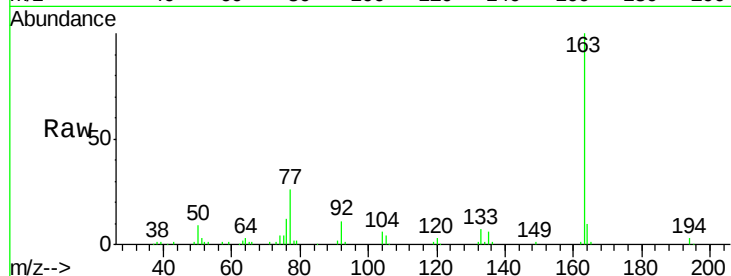




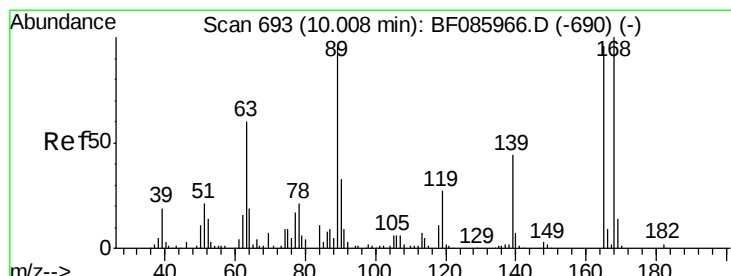
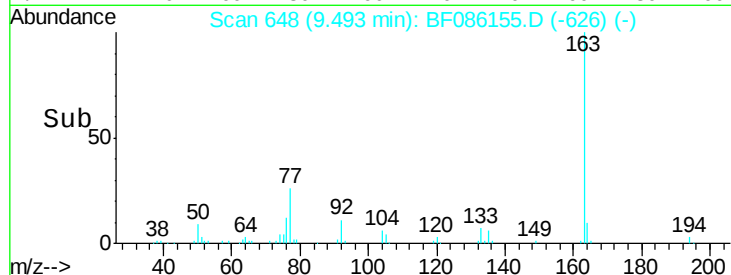
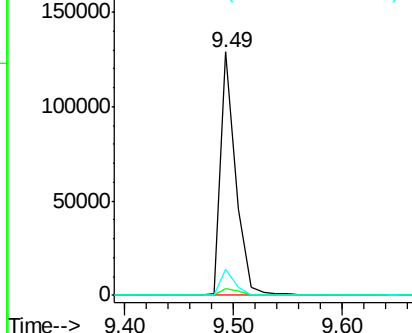
#49
Dimethylphthalate
Concen: 8.73 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086155.D
Acq: 8 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-37(0.5-15.0)

Tgt Ion:163 Resp: 126245
Ion Ratio Lower Upper
163 100
194 2.9 2.9 4.3#
164 10.5 8.3 12.5

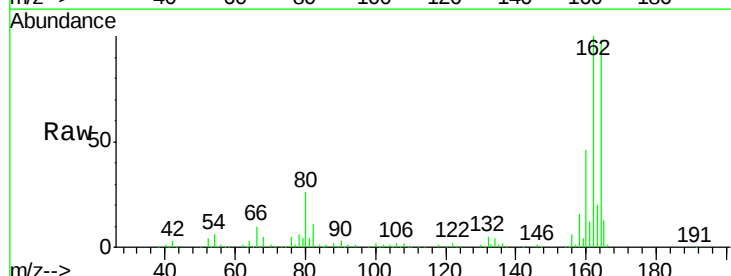


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

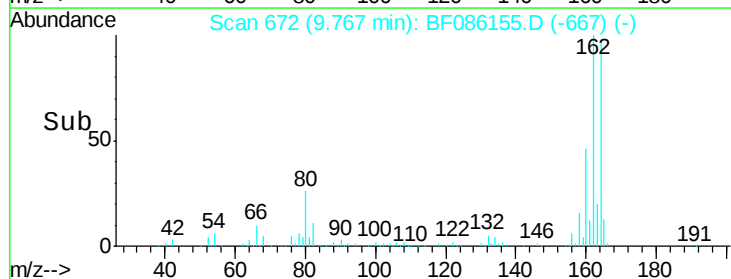
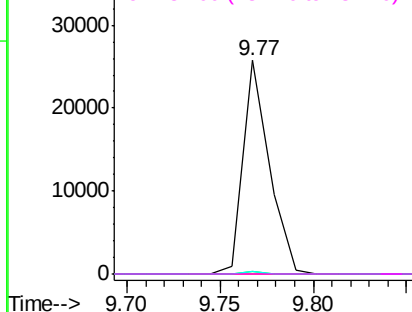


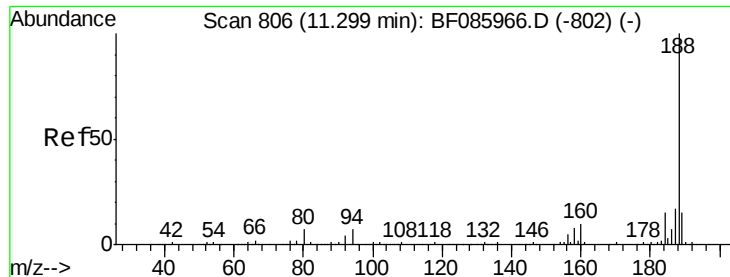
#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.24 min
Lab File: BF086155.D
Acq: 8 Apr 2016 3:13

Tgt Ion:165 Resp: 25169
Ion Ratio Lower Upper
165 100
63 1.3 24.9 37.3#
89 1.4 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

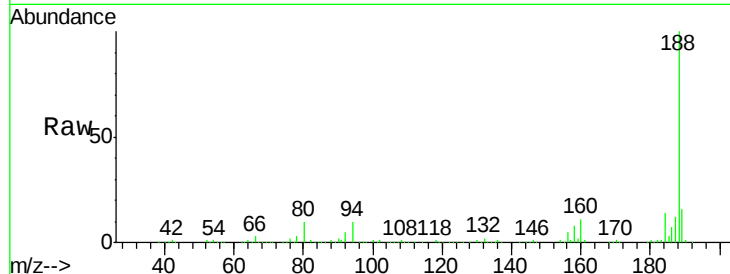




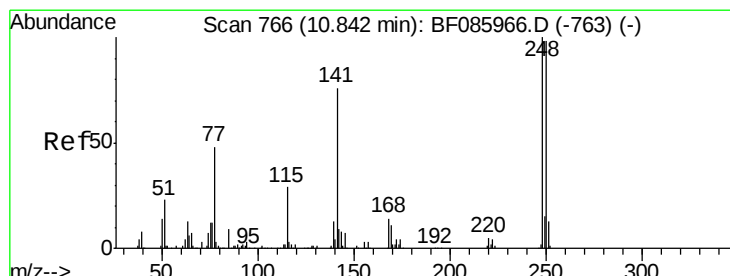
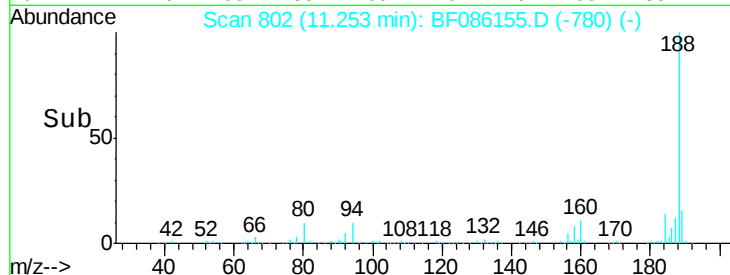
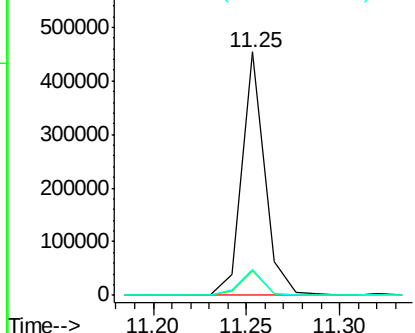
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086155.D
Acq: 8 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-37(0.5-15.0)

Tgt Ion:188 Resp: 386636
Ion Ratio Lower Upper
188 100
94 10.0 5.4 8.0#
80 10.5 5.5 8.3#

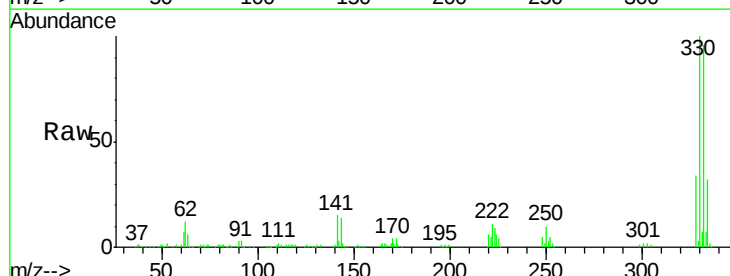


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

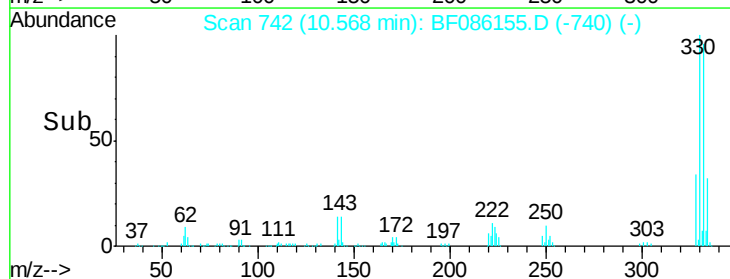
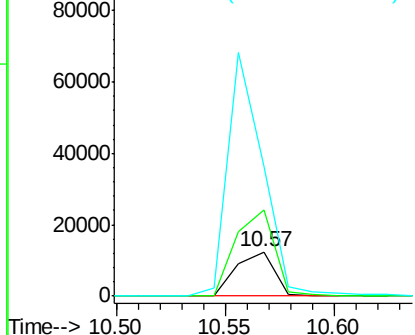


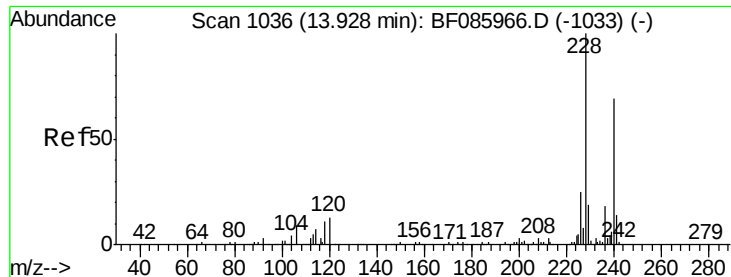
#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086155.D
Acq: 8 Apr 2016 3:13

Tgt Ion:248 Resp: 15136
Ion Ratio Lower Upper
248 100
250 194.2 77.4 116.0#
141 292.0 63.6 95.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086155.D

Acq: 8 Apr 2016 3:13

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-37(0.5-15.0)

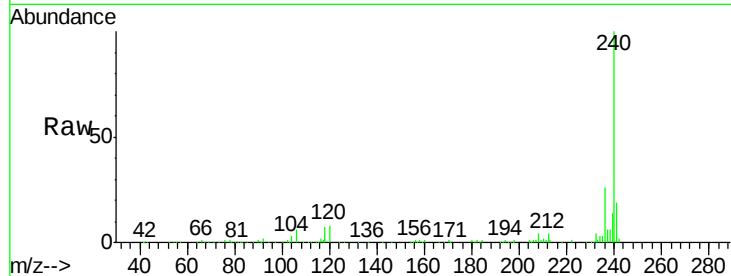
Tgt Ion:240 Resp: 259803

Ion Ratio Lower Upper

240 100

120 8.4 13.8 20.8#

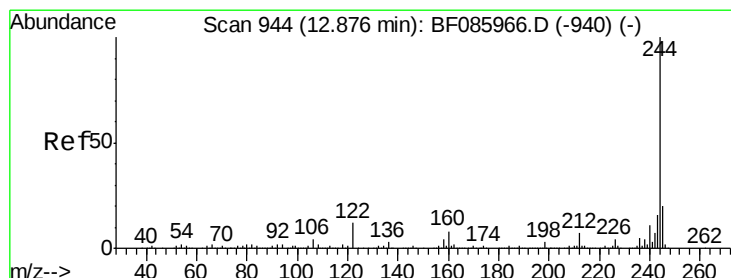
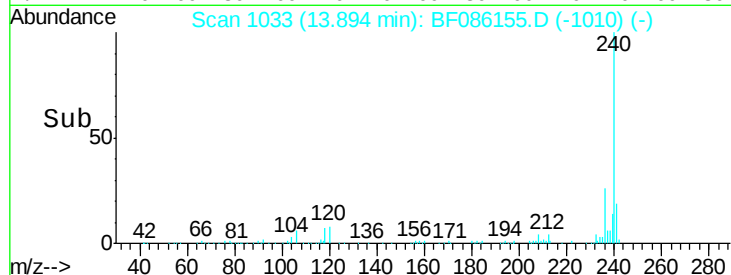
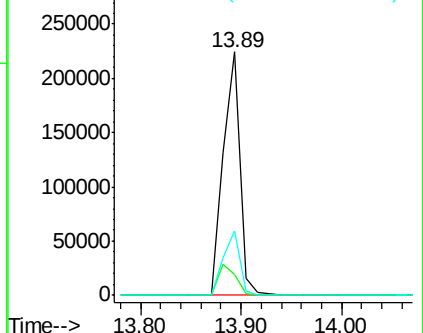
236 26.2 20.6 30.8



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: 87.78 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086155.D

Acq: 8 Apr 2016 3:13

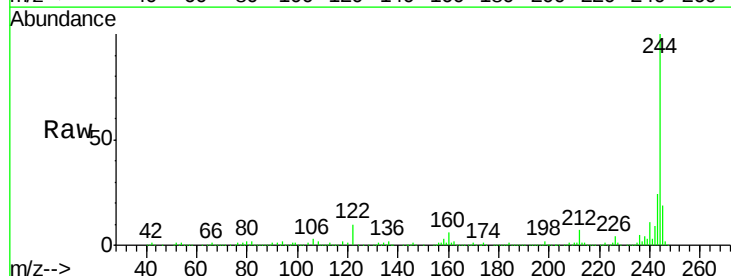
Tgt Ion:244 Resp: 970131

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

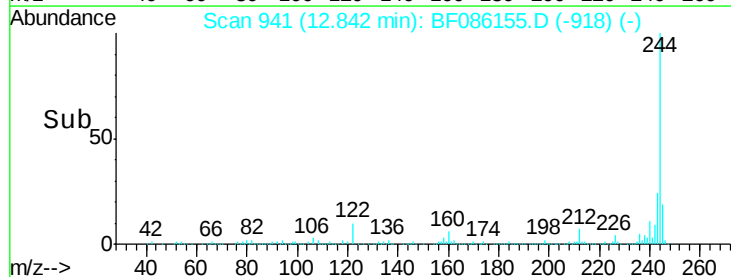
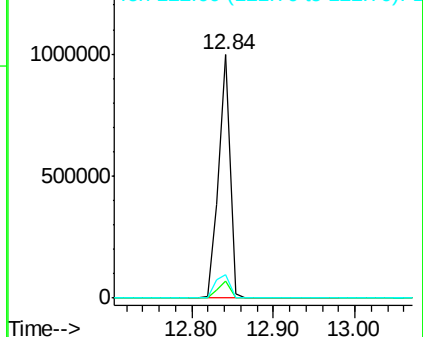
122 9.7 10.2 15.4#

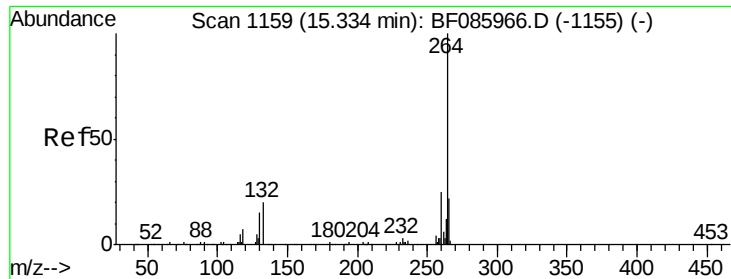


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF086155.D
Acq: 8 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-37(0.5-15.0)

Tgt Ion: 264 Resp: 201184
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.2 17.2 25.8

