

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086151.D
 Acq On : 8 Apr 2016 1:20
 Operator : UM/SJ
 Sample : H2282-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-08(0.5-20.0)

Quant Time: Apr 08 03:51:24 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

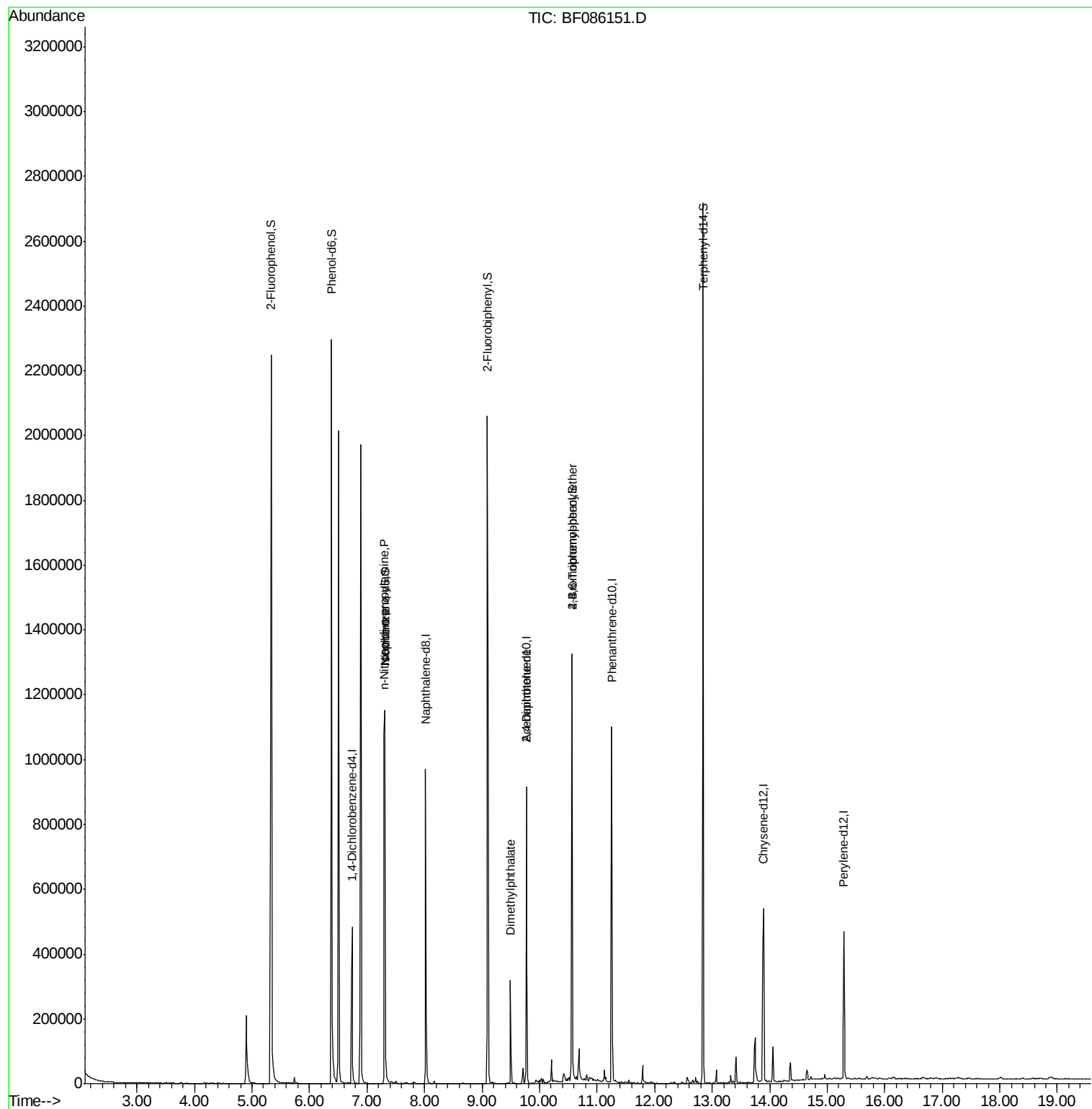
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	102640	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	442740	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	194615	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	378160	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	249800	20.00	ng	-0.03
86) Perylene-d12	15.29	264	192413	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	762660	127.01	ng	-0.03
7) Phenol-d6	6.38	99	993703	130.28	ng	-0.03
23) Nitrobenzene-d5	7.31	82	602413	80.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	255540	139.90	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	861792	73.63	ng	-0.05
78) Terphenyl-d14	12.84	244	929495	87.47	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	77702	16.44	ng	# 79
25) Isophorone	7.31	82	597623	40.33	ng	# 68
49) Dimethylphthalate	9.49	163	130735	9.06	ng	99
56) 2,4-Dinitrotoluene	9.77	165	24394	6.33	ng	# 37
66) 4-Bromophenyl-phenylether	10.57	248	15852	4.11	ng	# 1

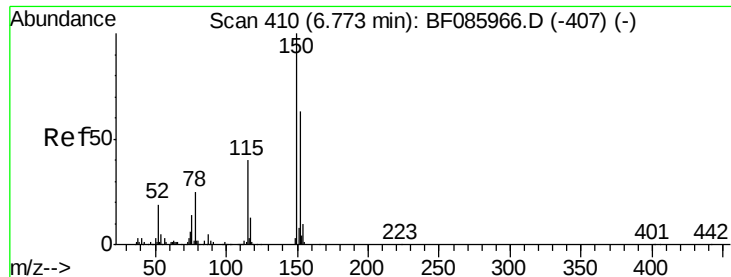
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
Data File : BF086151.D
Acq On : 8 Apr 2016 1:20
Operator : UM/SJ
Sample : H2282-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

Quant Time: Apr 08 03:51:24 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



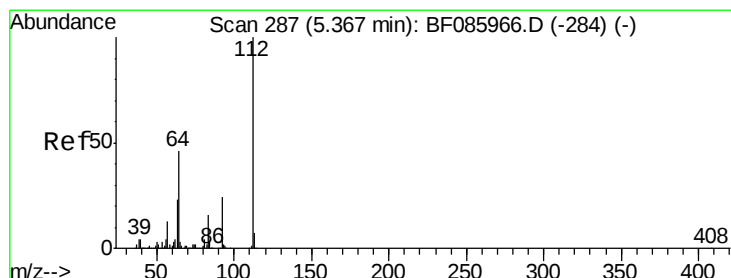
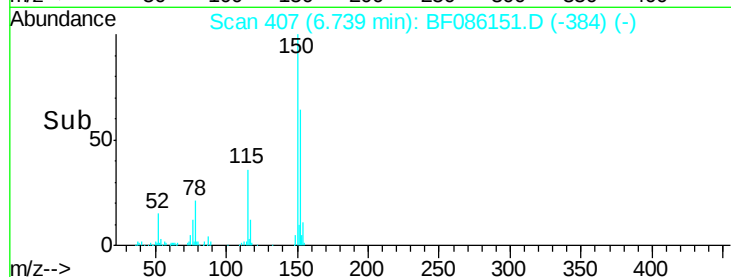
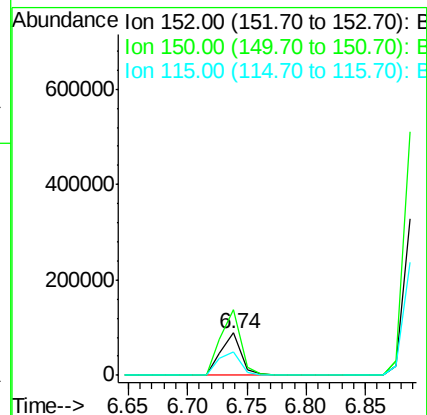
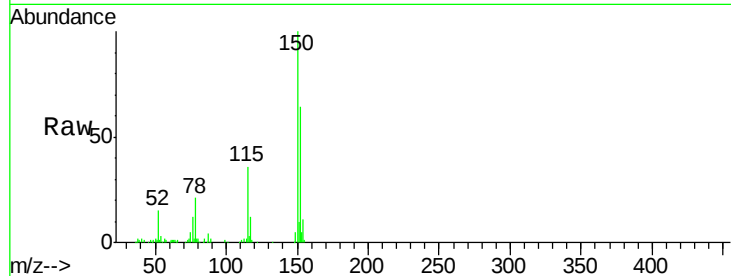


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

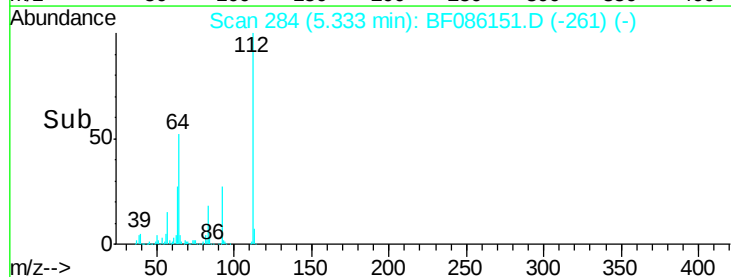
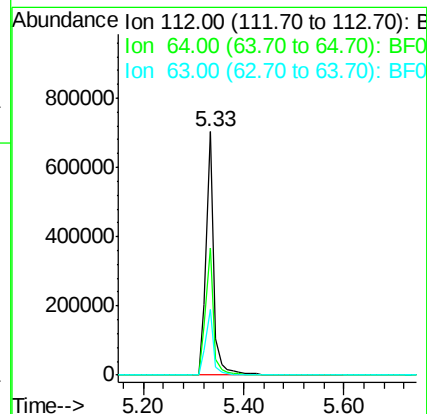
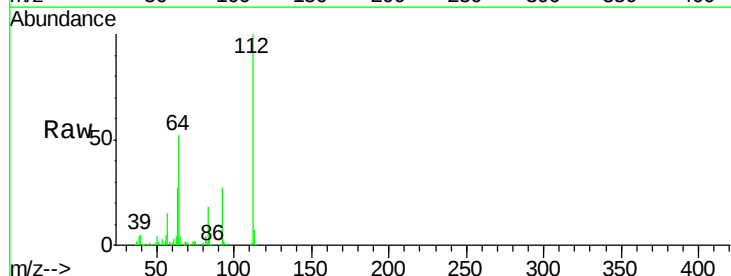
Tgt Ion:152 Resp: 102640
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.2
115 56.9 47.0 70.6

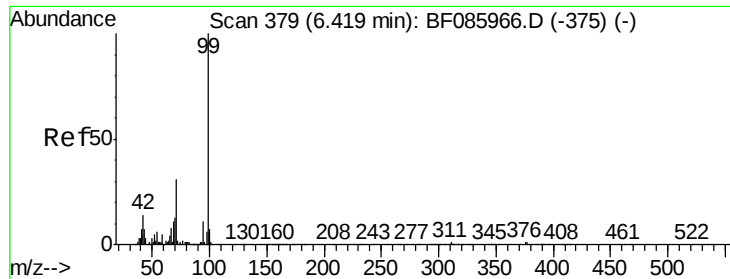


#5

2-Fluorophenol
Concen: 127.01 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Tgt Ion:112 Resp: 762660
Ion Ratio Lower Upper
112 100
64 52.4 39.9 59.9
63 26.7 20.2 30.2





#7

Phenol-d6

Concen: 130.28 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086151.D

Acq: 8 Apr 2016 1:20

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)

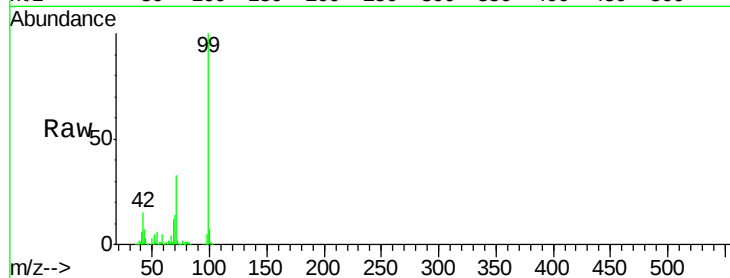
Tgt Ion: 99 Resp: 993703

Ion Ratio Lower Upper

99 100

42 14.6 11.1 16.7

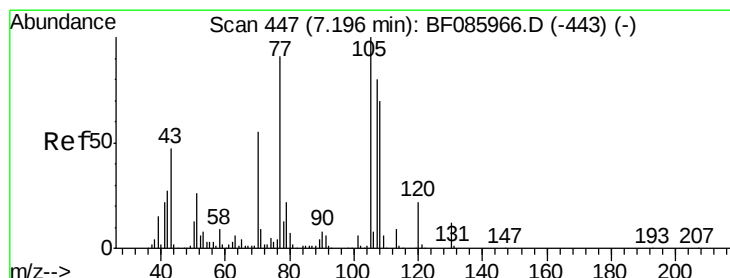
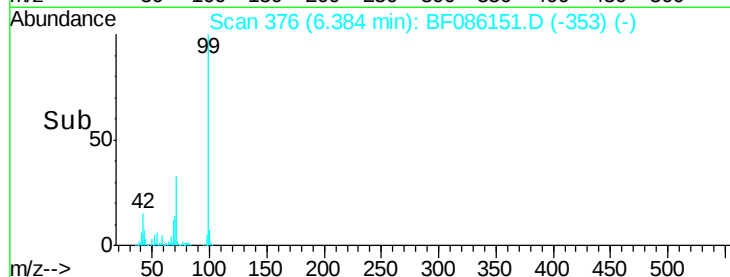
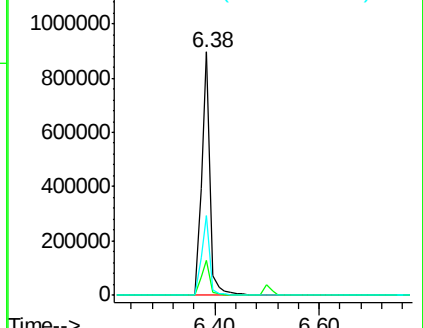
71 32.8 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.44 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.10 min

Lab File: BF086151.D

Acq: 8 Apr 2016 1:20

Tgt Ion: 70 Resp: 77702

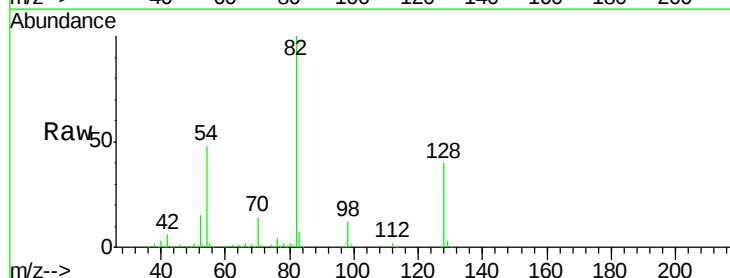
Ion Ratio Lower Upper

70 100

42 42.3 37.1 55.7

101 0.0 8.6 12.8#

130 2.1 19.6 29.4#

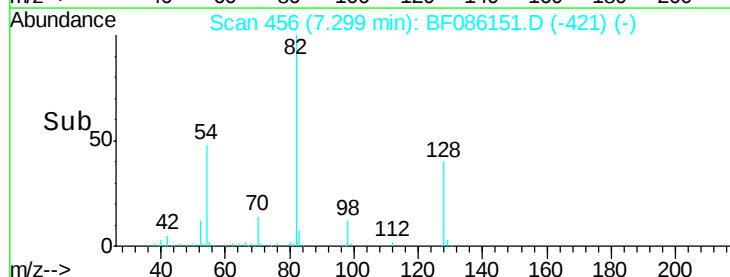
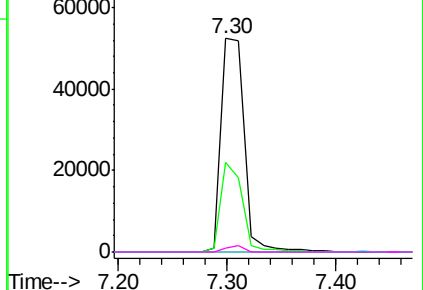


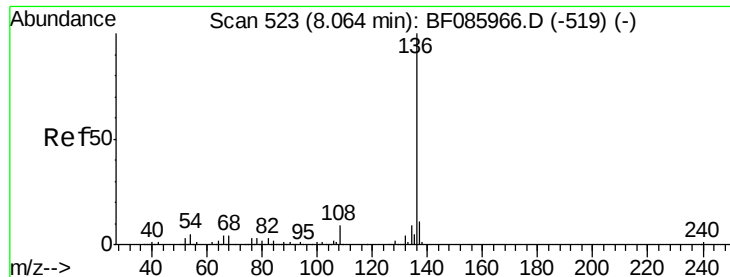
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

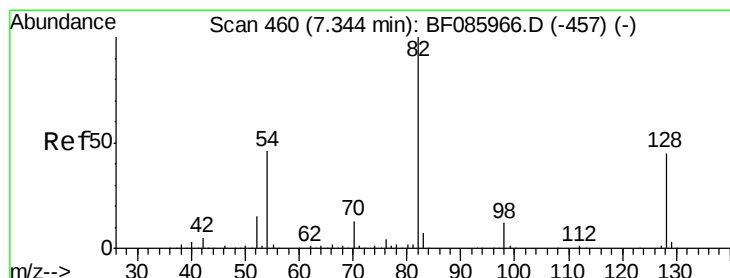
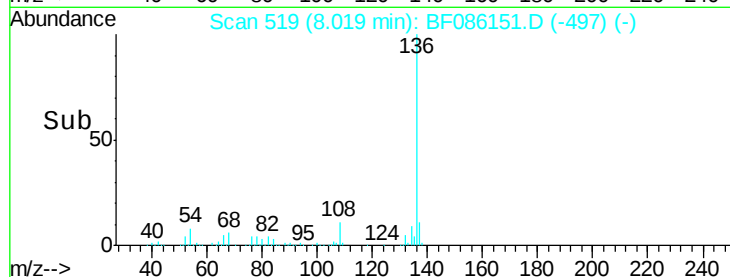
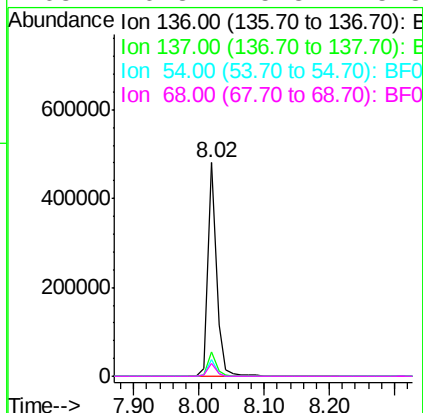
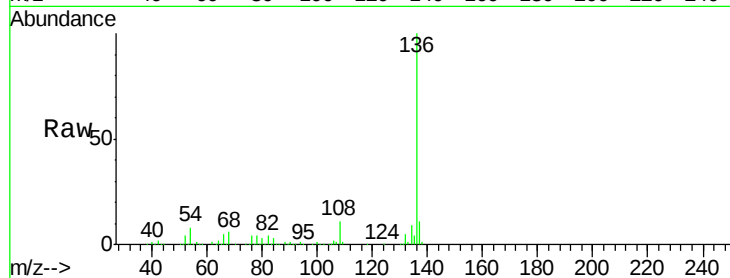




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

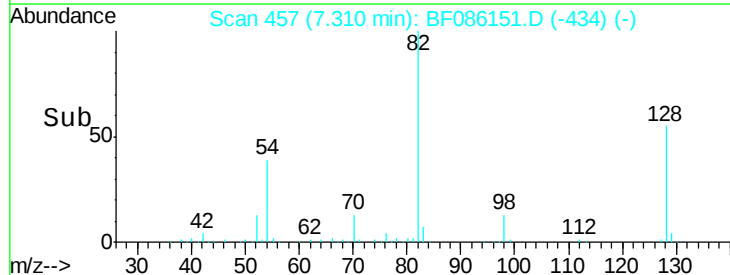
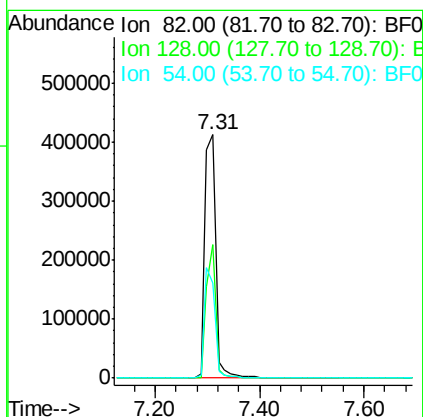
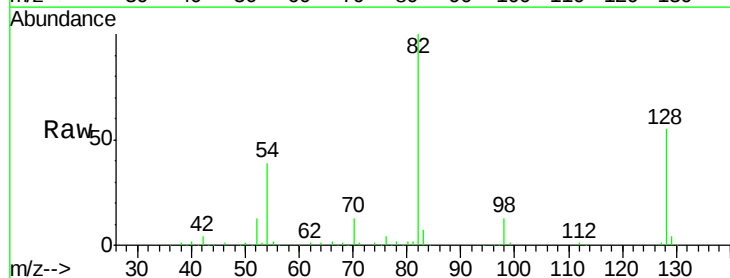
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

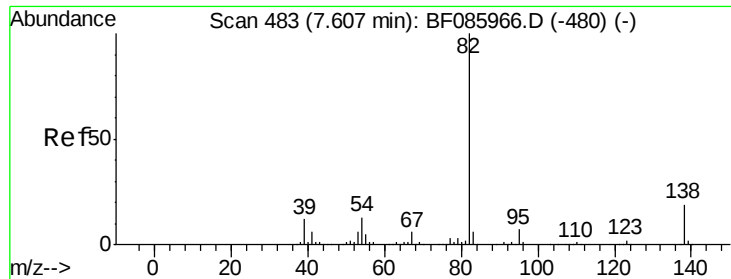
Tgt Ion:	136	Resp:	442740
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.5	7.4	11.0
68	6.3	5.8	8.8



#23
Nitrobenzene-d5
Concen: 80.24 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Tgt Ion:	82	Resp:	602413
Ion	Ratio	Lower	Upper
82	100		
128	54.8	41.8	62.8
54	39.2	33.4	50.0





#25

Isophorone

Concen: 40.33 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.30 min

Lab File: BF086151.D

Acq: 8 Apr 2016 1:20

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)

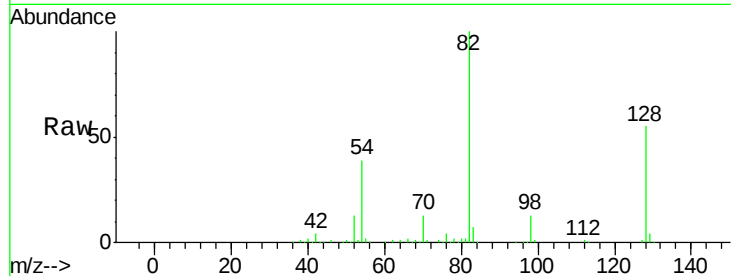
Tgt Ion: 82 Resp: 597623

Ion Ratio Lower Upper

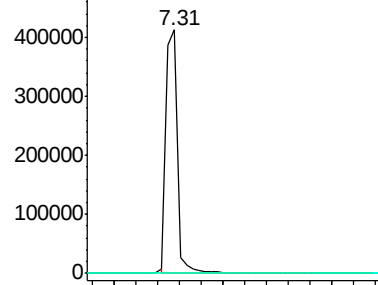
82 100

95 0.0 5.4 8.2#

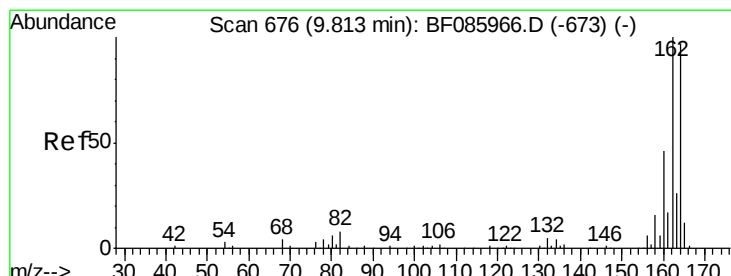
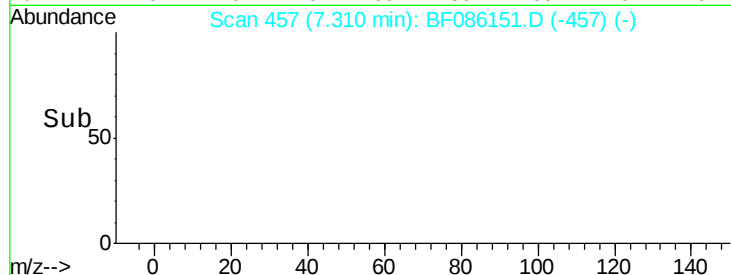
138 0.0 12.9 19.3#



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): E



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF086151.D

Acq: 8 Apr 2016 1:20

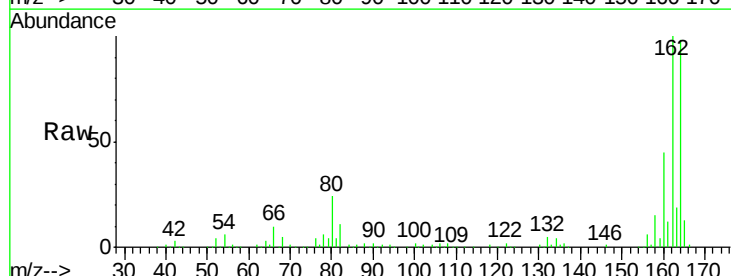
Tgt Ion: 164 Resp: 194615

Ion Ratio Lower Upper

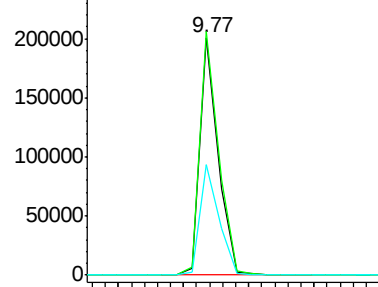
164 100

162 102.5 82.1 123.1

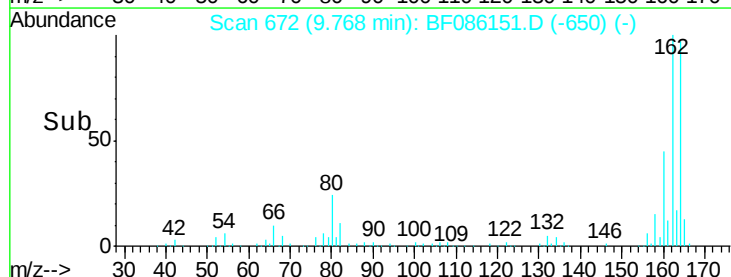
160 46.5 37.4 56.2

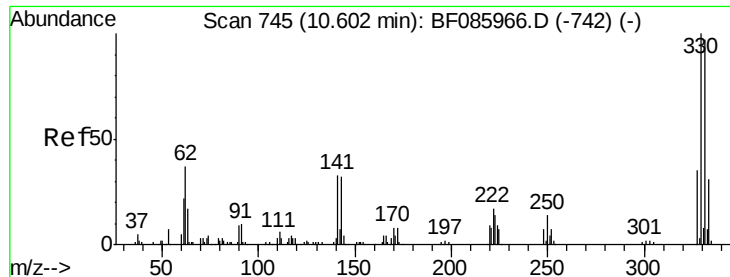


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

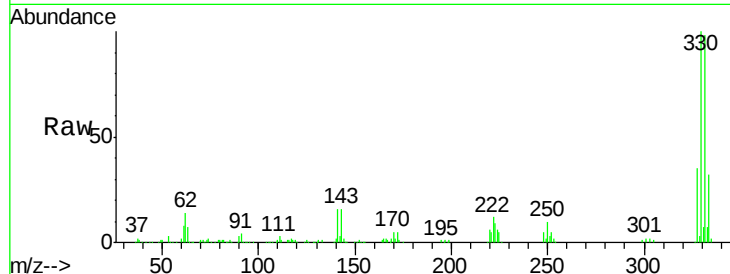




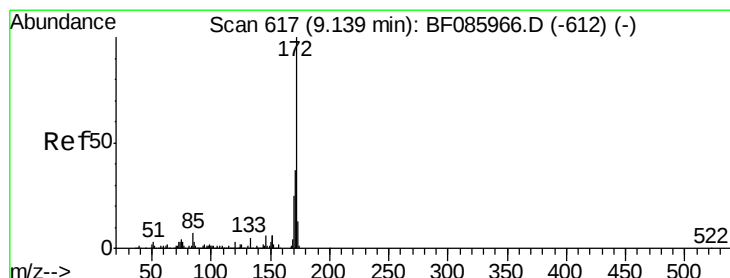
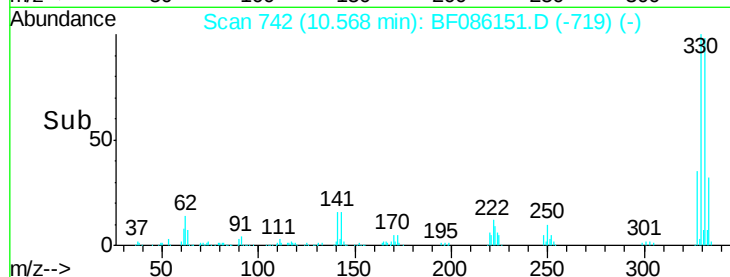
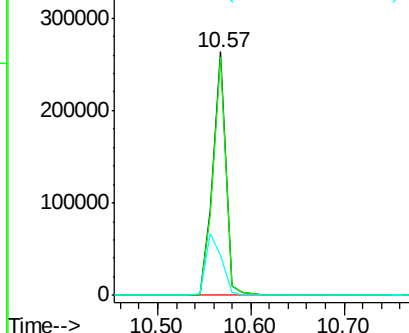
#41
 2,4,6-Tribromophenol
 Concen: 139.90 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086151.D
 Acq: 8 Apr 2016 1:20

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-08(0.5-20.0)

Tgt Ion:330 Resp: 255540
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.2 117.2
 141 31.6 31.5 47.3

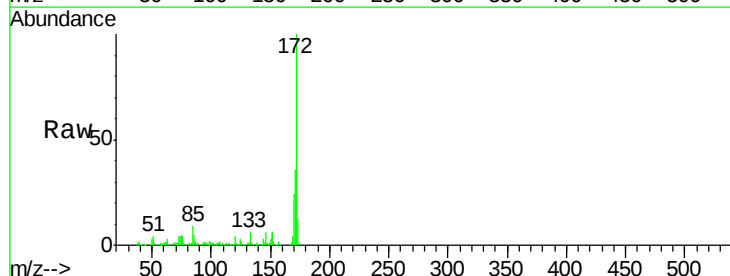


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

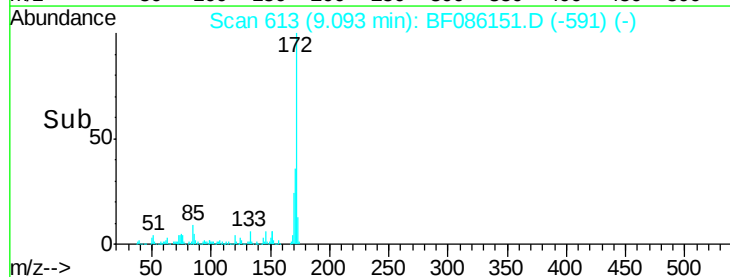
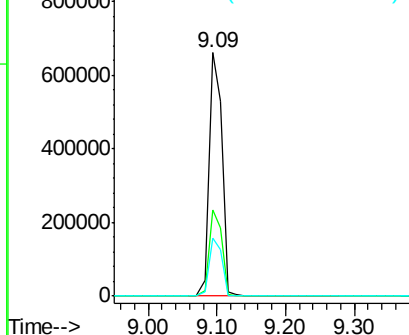


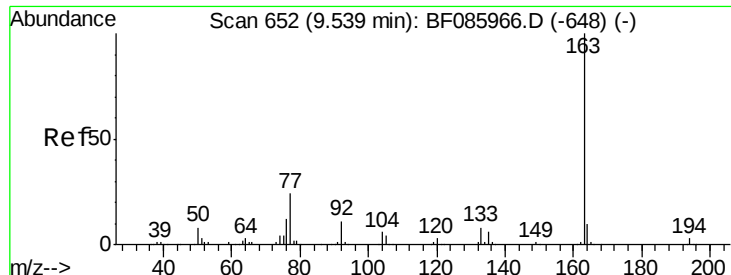
#44
 2-Fluorobiphenyl
 Concen: 73.63 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086151.D
 Acq: 8 Apr 2016 1:20

Tgt Ion:172 Resp: 861792
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.2
 170 23.7 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

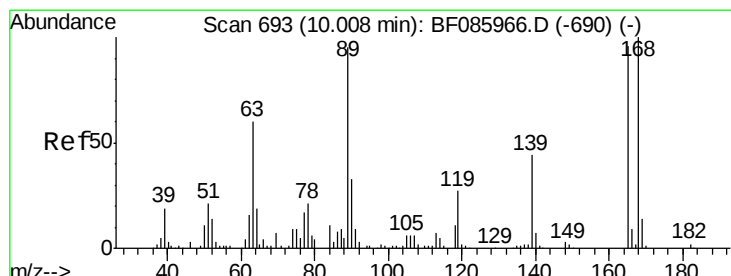
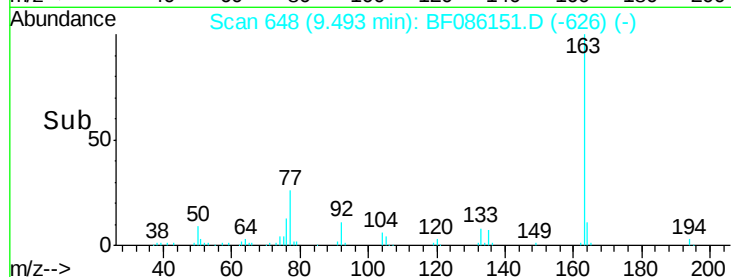
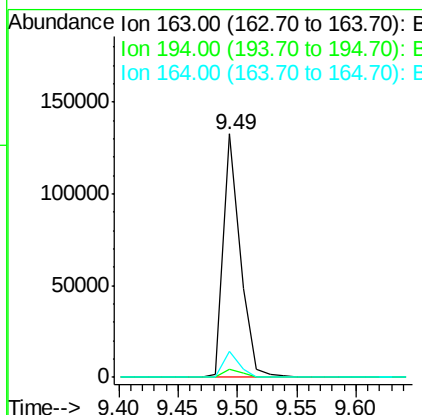
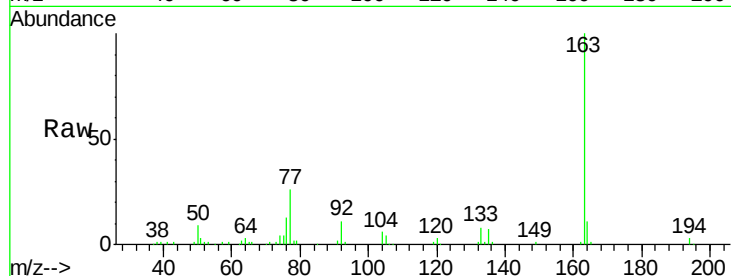




#49
Dimethylphthalate
Concen: 9.06 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

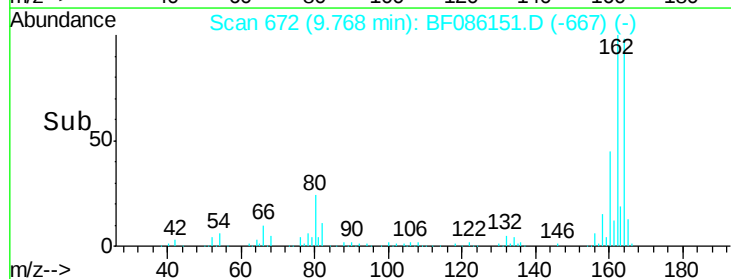
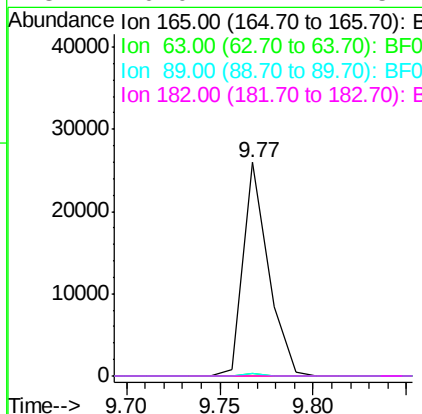
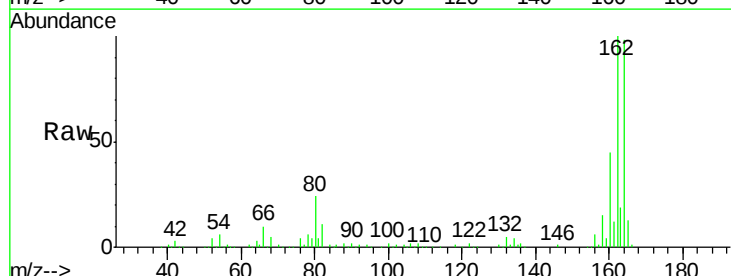
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

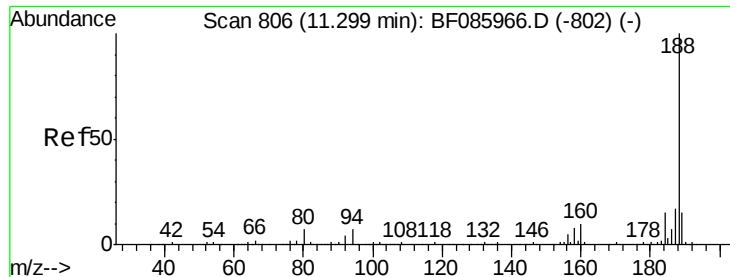
Tgt Ion:163 Resp: 130735
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.8 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.24 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Tgt Ion:165 Resp: 24394
Ion Ratio Lower Upper
165 100
63 1.2 24.9 37.3#
89 1.3 41.0 61.6#
182 0.0 2.1 3.1#

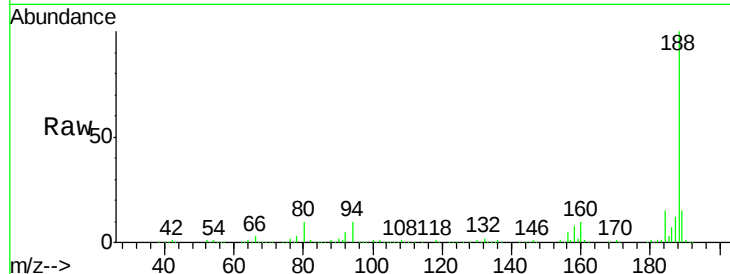




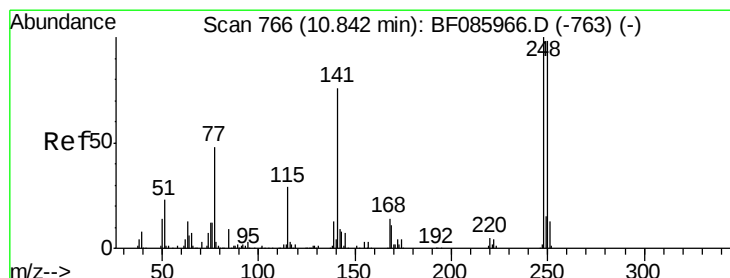
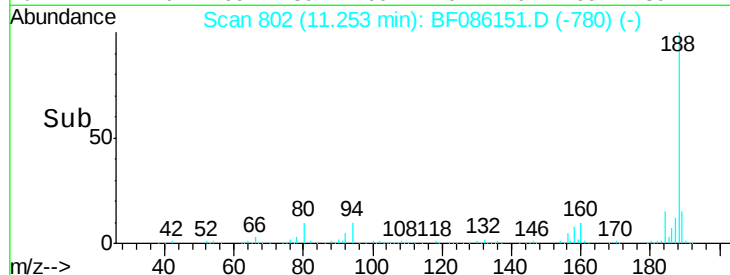
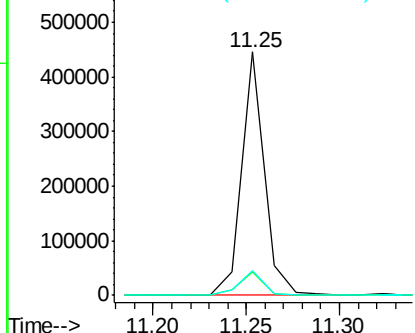
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

Tgt Ion:188 Resp: 378160
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 10.2 5.5 8.3#

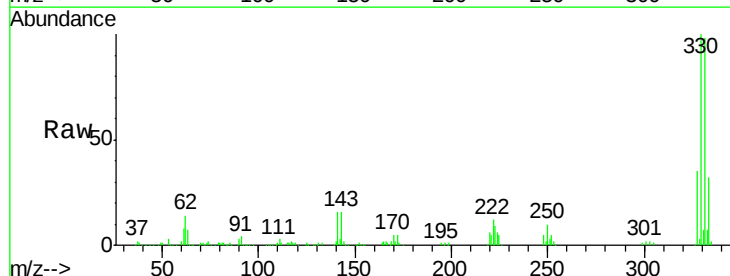


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

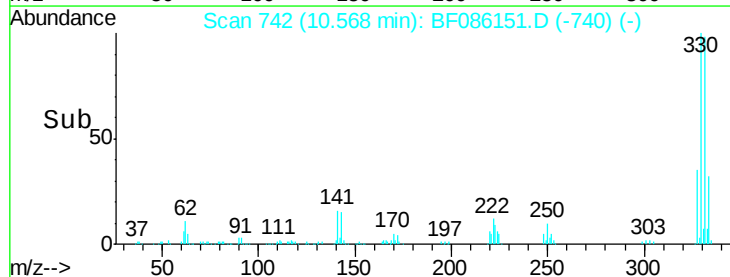
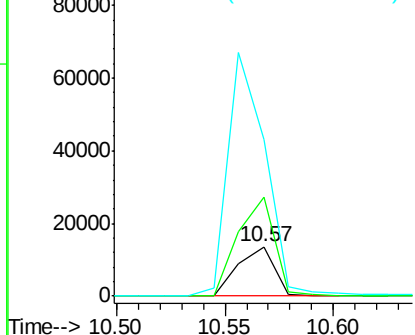


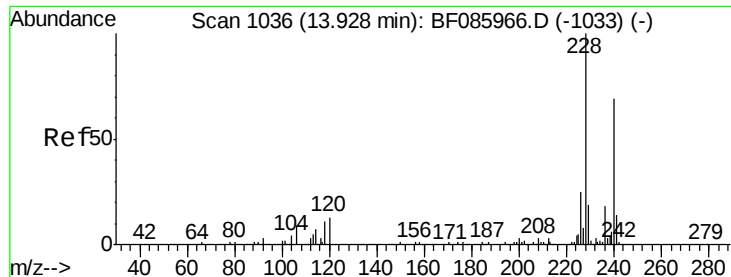
#66
4-Bromophenyl-phenylether
Concen: 4.11 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Tgt Ion:248 Resp: 15852
Ion Ratio Lower Upper
248 100
250 200.4 77.4 116.0#
141 316.3 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: BF086151.D

Acq: 8 Apr 2016 1:20

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)

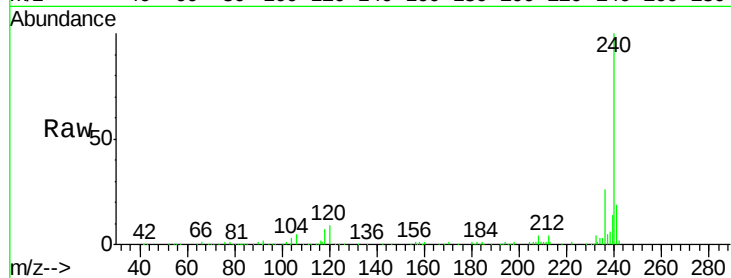
Tgt Ion:240 Resp: 249800

Ion Ratio Lower Upper

240 100

120 8.8 13.8 20.8#

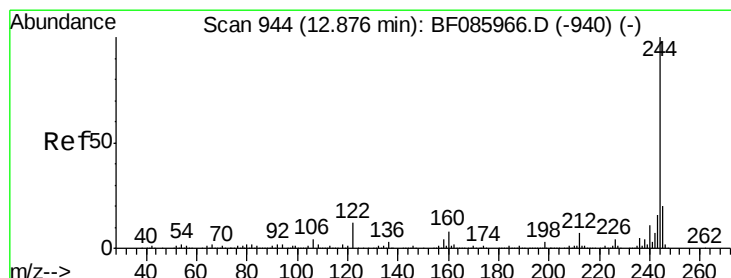
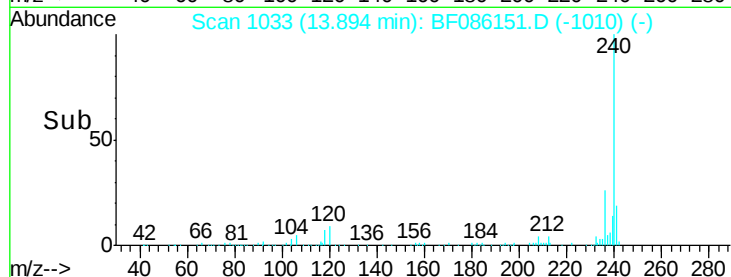
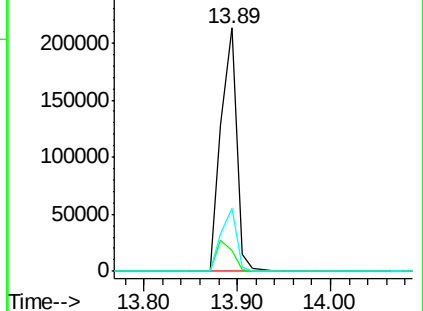
236 26.1 20.6 30.8



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: 87.47 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086151.D

Acq: 8 Apr 2016 1:20

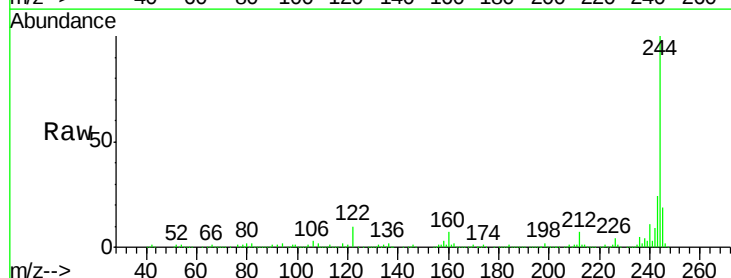
Tgt Ion:244 Resp: 929495

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

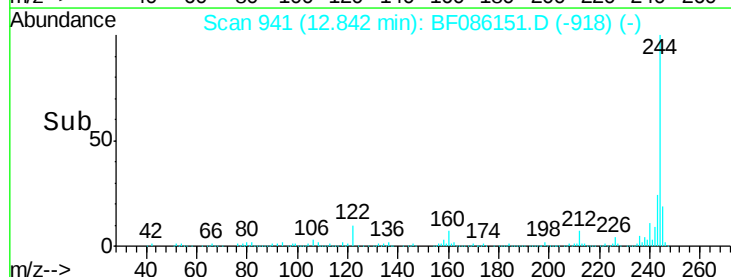
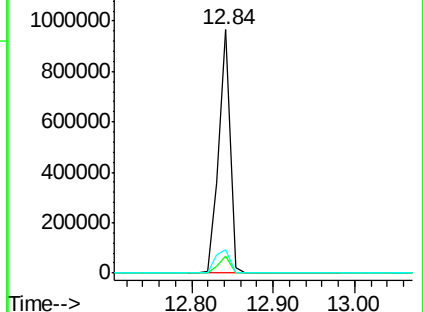
122 9.8 10.2 15.4#

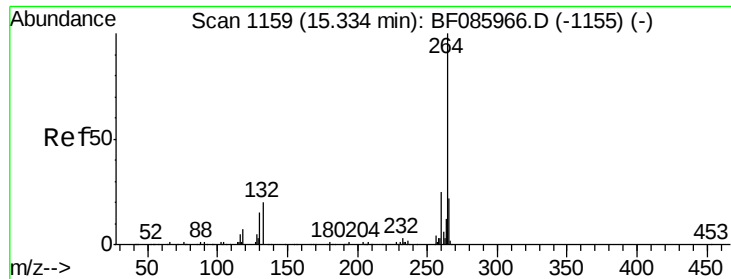


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086151.D
Acq: 8 Apr 2016 1:20

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

Tgt Ion: 264 Resp: 192413
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.1 17.2 25.8

