

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086148.D
 Acq On : 7 Apr 2016 23:54
 Operator : UM/SJ
 Sample : H2282-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-15(0.5-20.0)

Quant Time: Apr 08 01:44:58 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

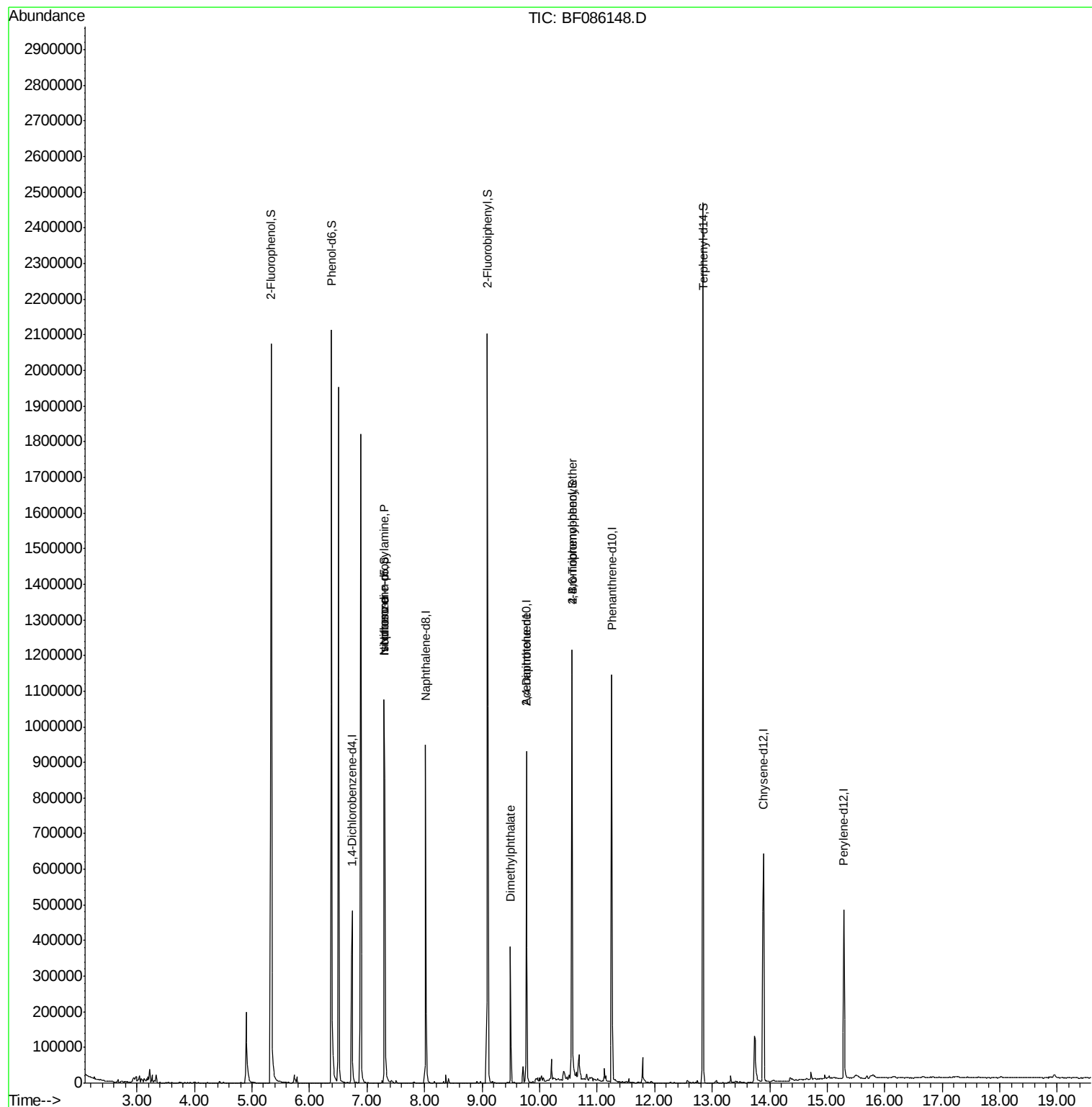
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	103259	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	432478	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	196957	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	391370	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	295337	20.00	ng	-0.03
86) Perylene-d12	15.29	264	204252	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	708837	117.34	ng	-0.03
7) Phenol-d6	6.38	99	949551	123.75	ng	-0.03
23) Nitrobenzene-d5	7.30	82	530516	72.34	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	239177	129.38	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	813256	68.65	ng	-0.05
78) Terphenyl-d14	12.84	244	930624	74.07	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	67522	14.20	ng	# 80
25) Isophorone	7.30	82	524117	36.20	ng	# 68
49) Dimethylphthalate	9.49	163	156875	10.75	ng	99
56) 2,4-Dinitrotoluene	9.77	165	25496	6.53	ng	# 37
66) 4-Bromophenyl-phenylether	10.57	248	14913	3.73	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: BF086148.D

Acq: 7 Apr 2016 23:54

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-15(0.5-20.0)

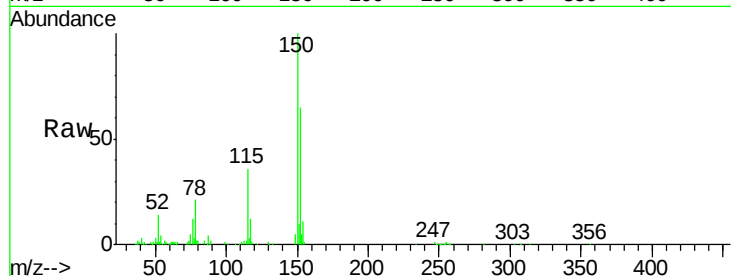
Tgt Ion:152 Resp: 103259

Ion Ratio Lower Upper

152 100

150 154.5 124.2 186.2

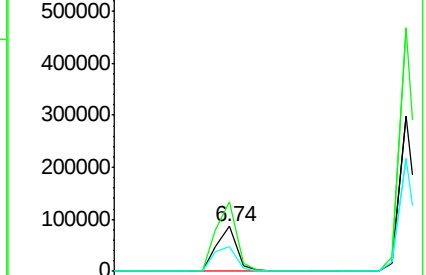
115 55.3 47.0 70.6



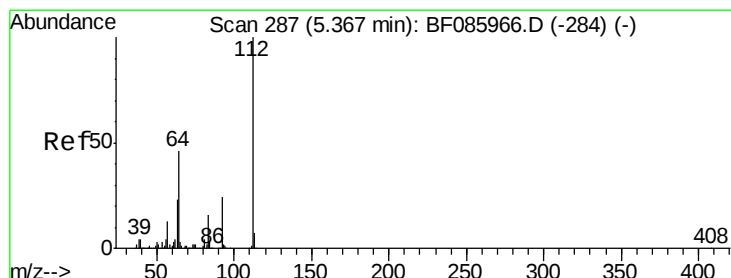
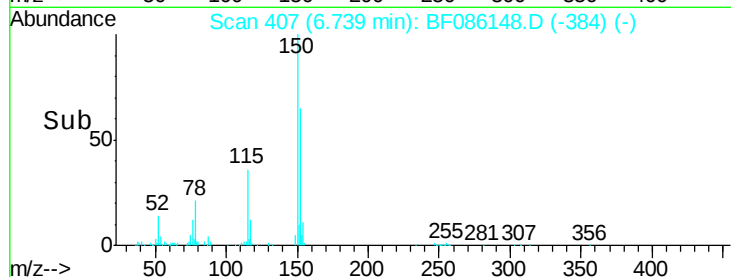
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 117.34 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086148.D

Acq: 7 Apr 2016 23:54

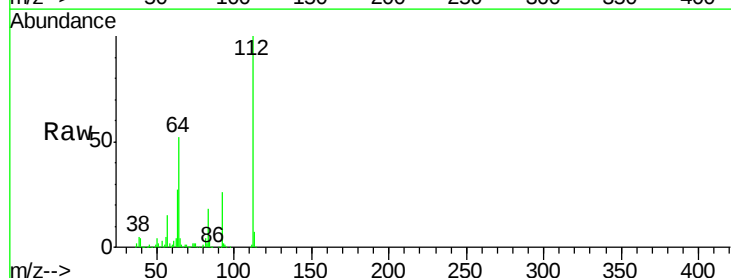
Tgt Ion:112 Resp: 708837

Ion Ratio Lower Upper

112 100

64 52.2 39.9 59.9

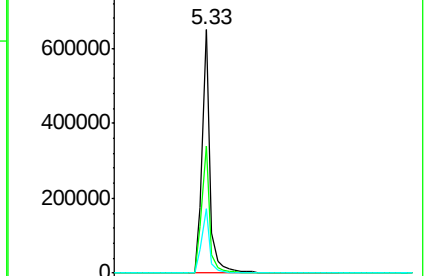
63 26.6 20.2 30.2



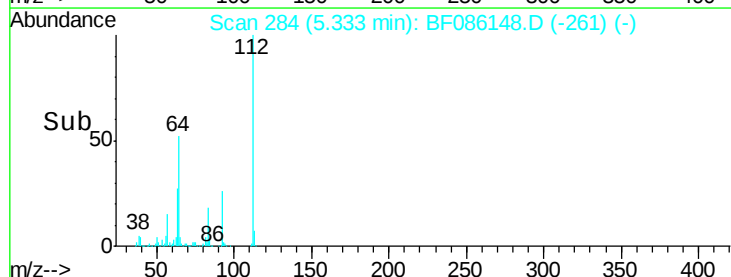
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 123.75 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086148.D

Acq: 7 Apr 2016 23:54

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-15(0.5-20.0)

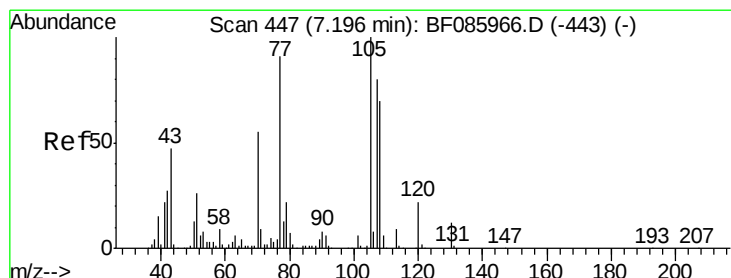
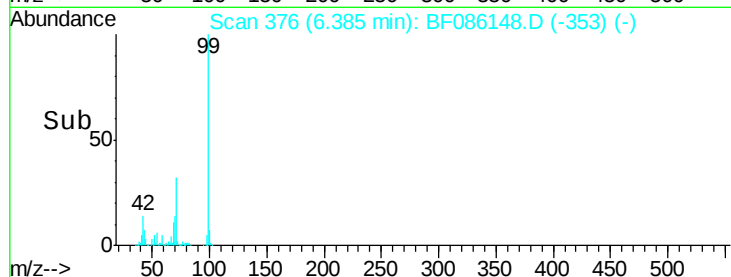
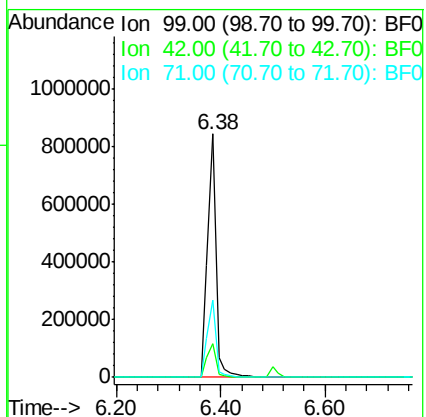
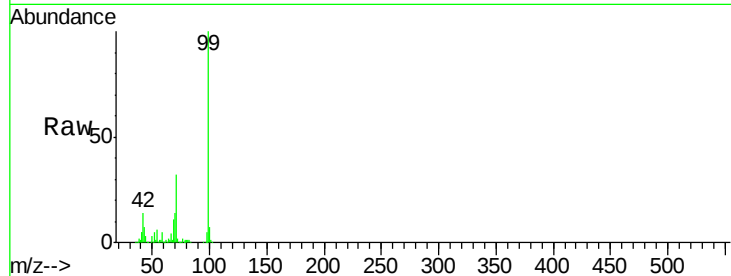
Tgt Ion: 99 Resp: 949551

Ion Ratio Lower Upper

99 100

42 13.7 11.1 16.7

71 31.5 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.20 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.10 min

Lab File: BF086148.D

Acq: 7 Apr 2016 23:54

Tgt Ion: 70 Resp: 67522

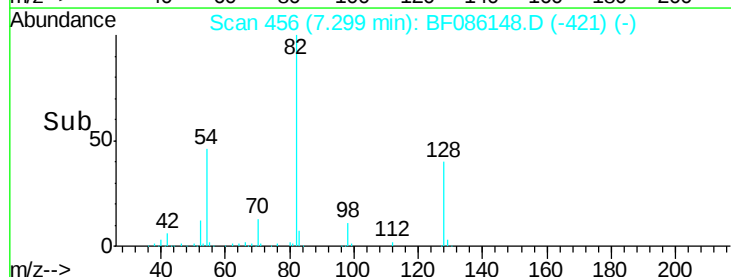
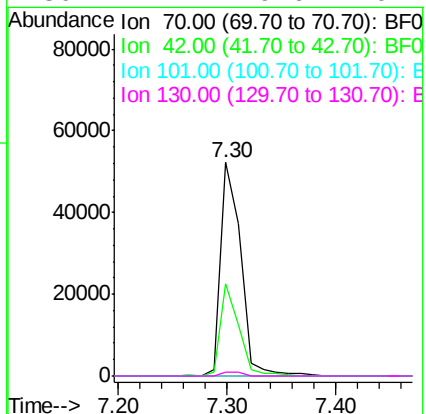
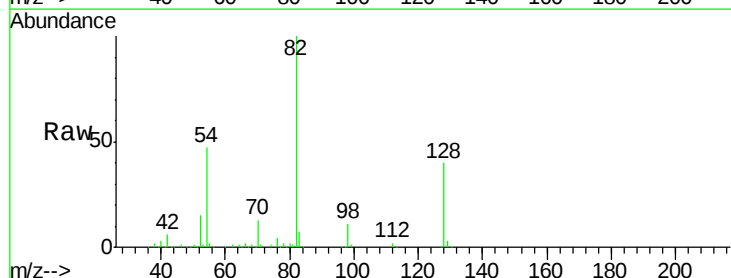
Ion Ratio Lower Upper

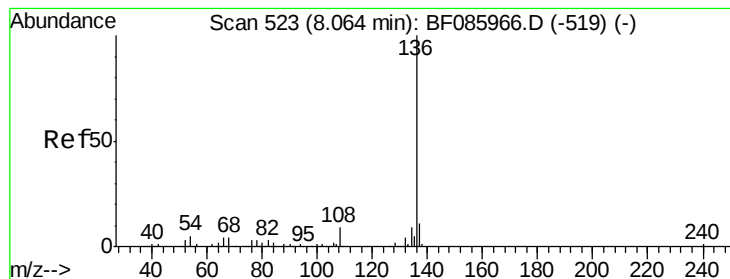
70 100

42 43.0 37.1 55.7

101 0.0 8.6 12.8#

130 2.1 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: BF086148.D

Acq: 7 Apr 2016 23:54

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-15(0.5-20.0)

Tgt Ion: 136 Resp: 432478

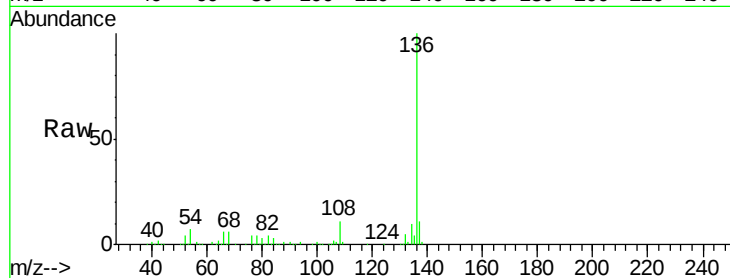
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.4 7.4 11.0

68 6.2 5.8 8.8

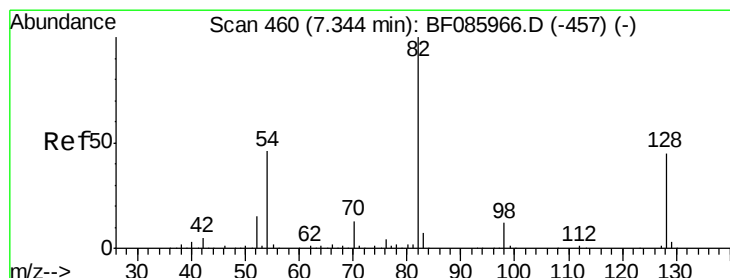
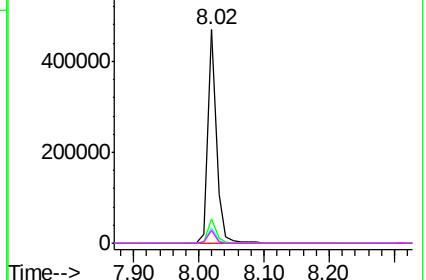
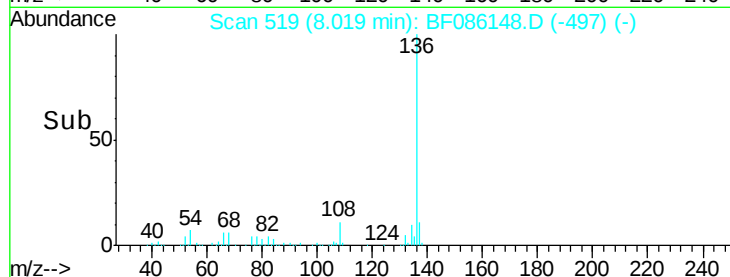


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.34 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF086148.D

Acq: 7 Apr 2016 23:54

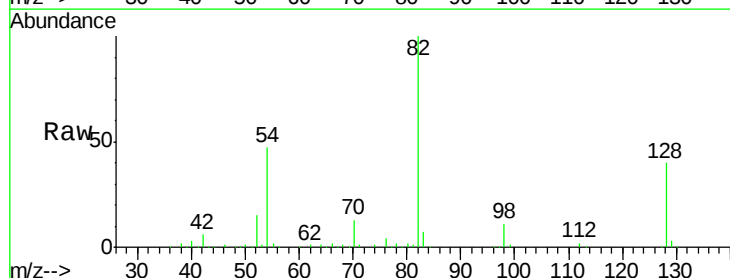
Tgt Ion: 82 Resp: 530516

Ion Ratio Lower Upper

82 100

128 40.1 41.8 62.8#

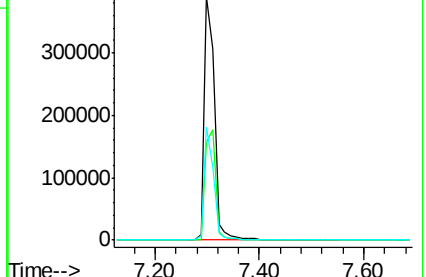
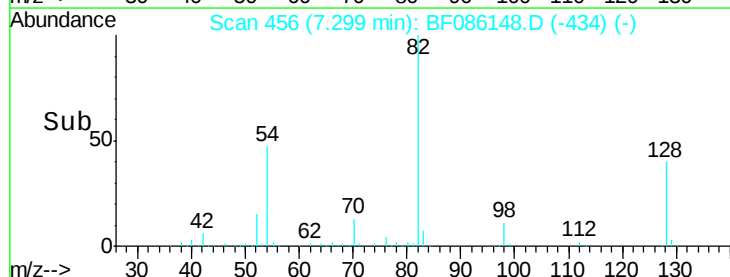
54 46.7 33.4 50.0

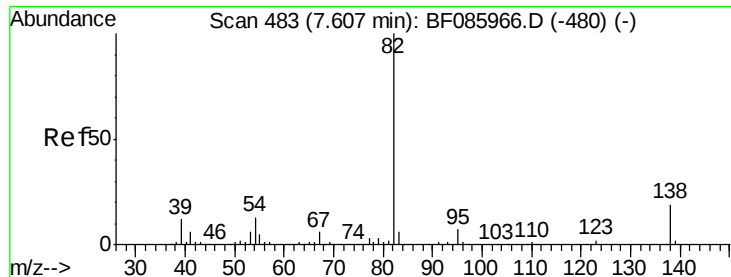


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.20 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF086148.D

Acq: 7 Apr 2016 23:54

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-15(0.5-20.0)

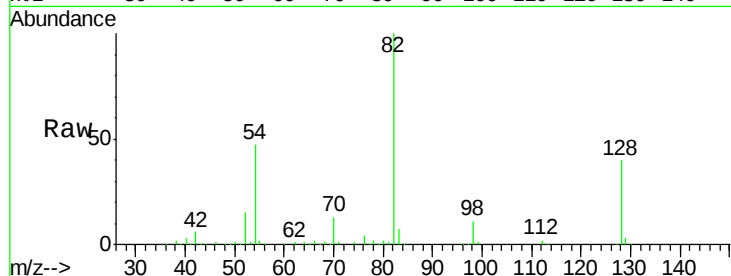
Tgt Ion: 82 Resp: 524117

Ion Ratio Lower Upper

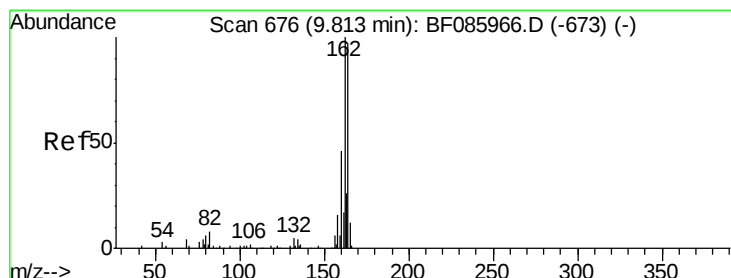
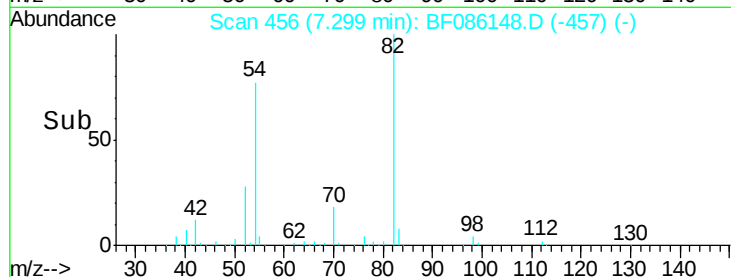
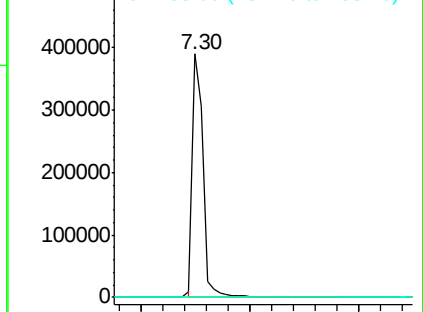
82 100

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: BF086148.D

Acq: 7 Apr 2016 23:54

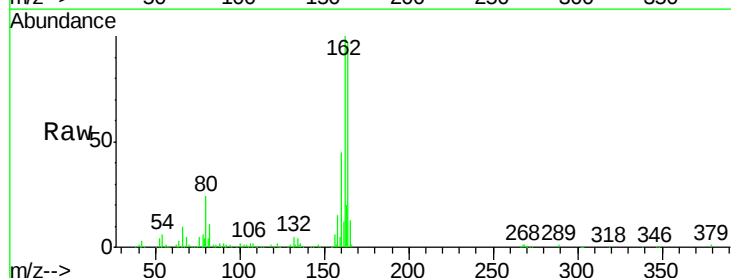
Tgt Ion: 164 Resp: 196957

Ion Ratio Lower Upper

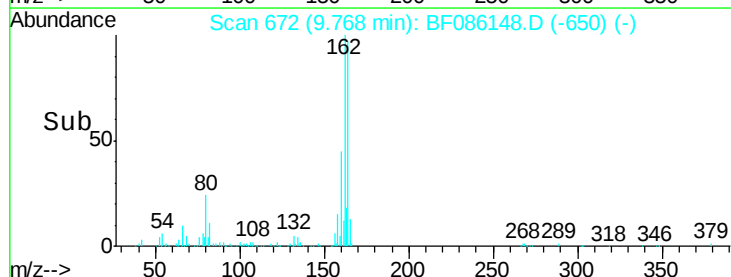
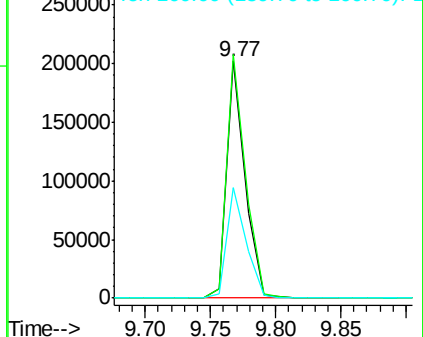
164 100

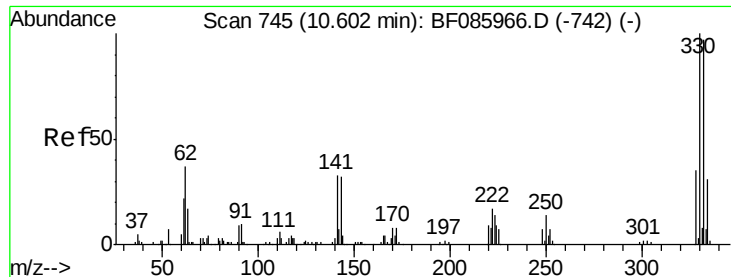
162 102.8 82.1 123.1

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

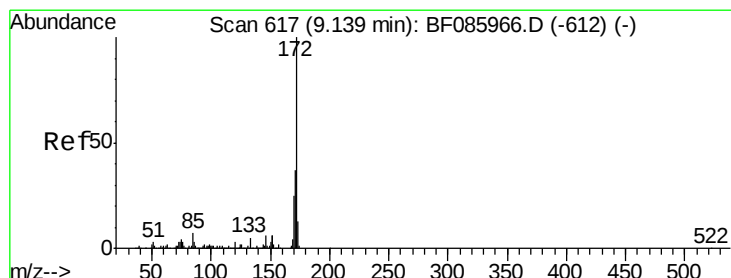
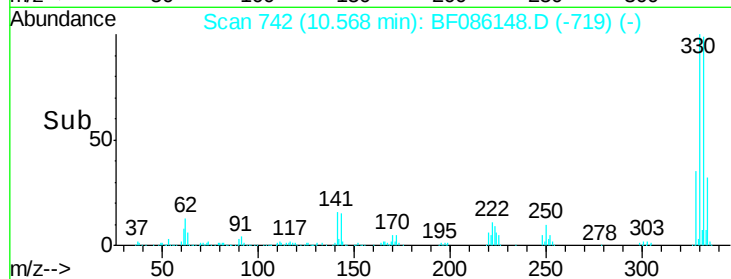
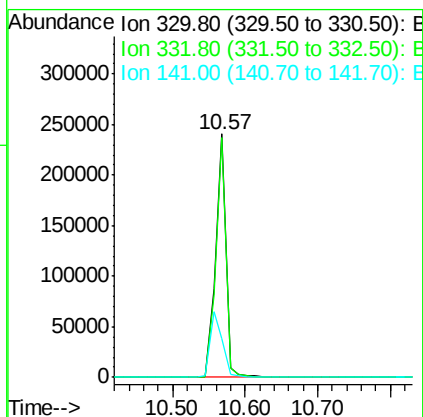
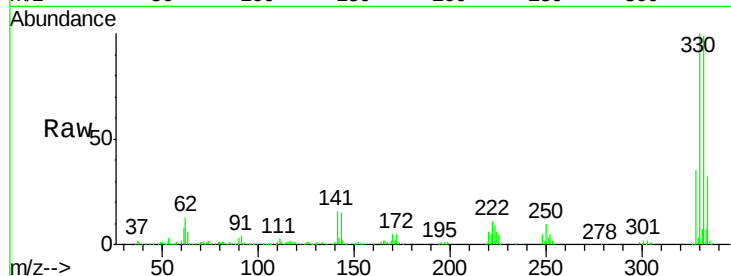




#41
 2,4,6-Tribromophenol
 Concen: 129.38 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086148.D
 Acq: 7 Apr 2016 23:54

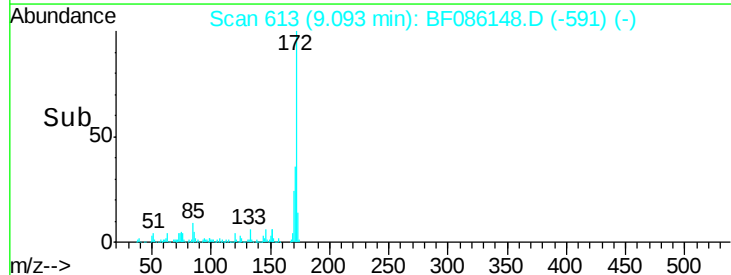
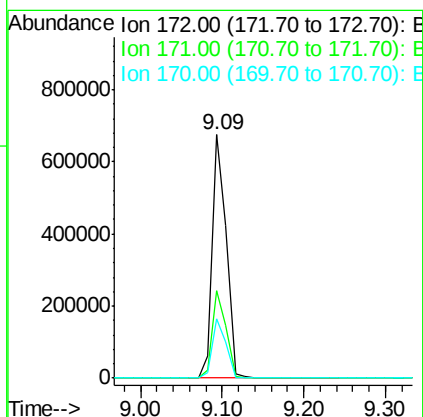
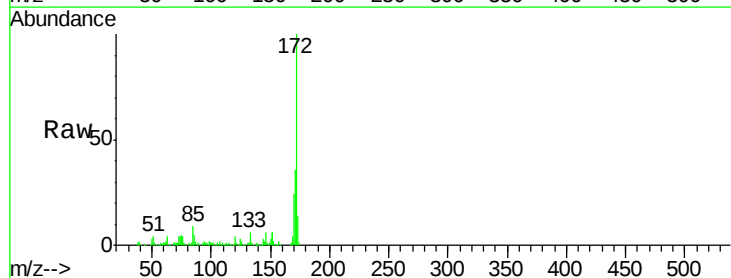
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-15(0.5-20.0)

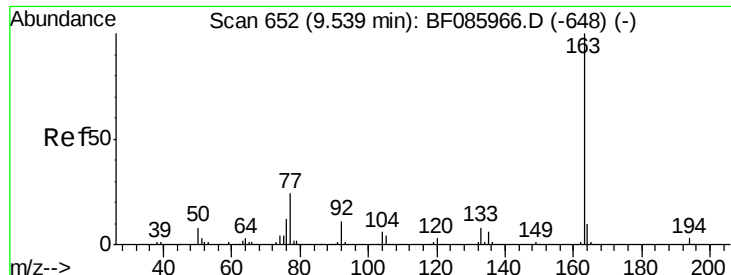
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	32.0	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 68.65 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086148.D
 Acq: 7 Apr 2016 23:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.3	19.8	29.6

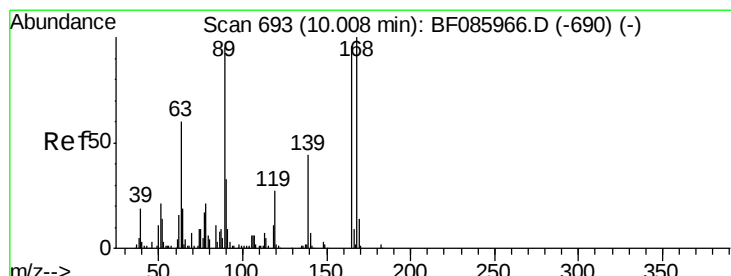
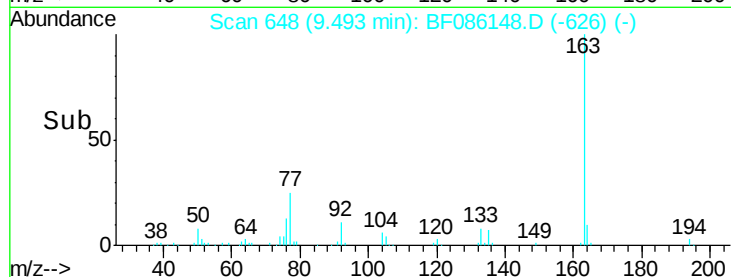
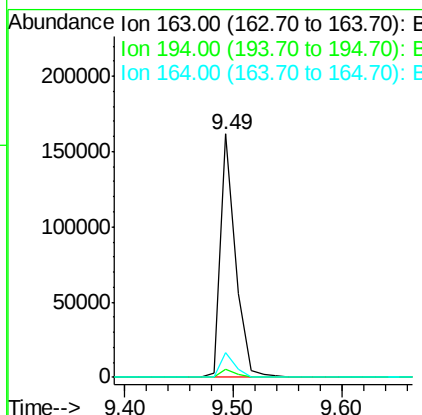
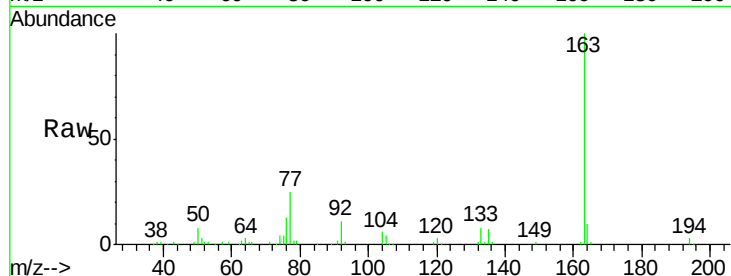




#49
Dimethylphthalate
Concen: 10.75 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086148.D
Acq: 7 Apr 2016 23:54

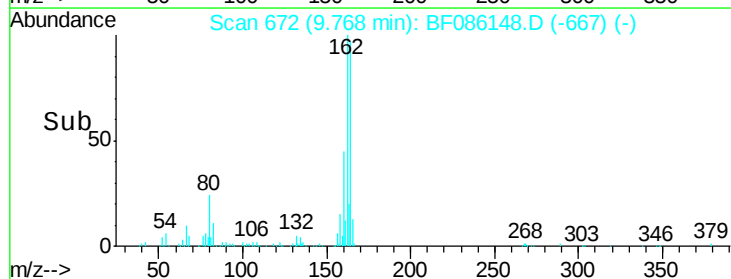
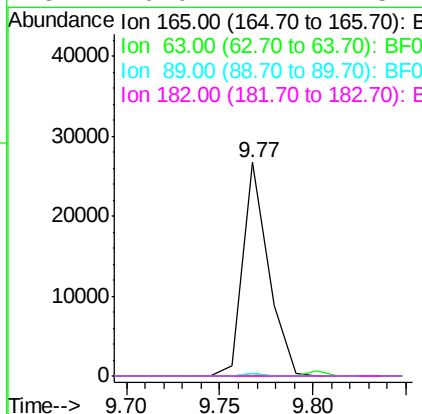
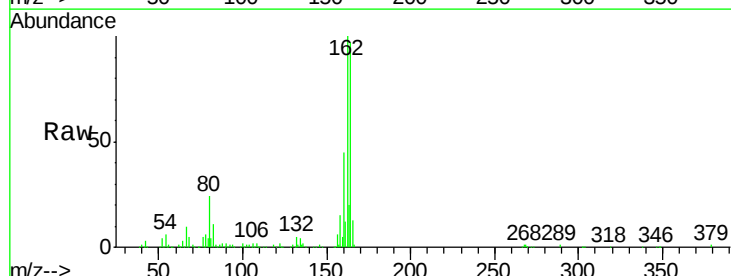
Instrument :
BNA_F
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AMBOY-SB-15(0.5-20.0)

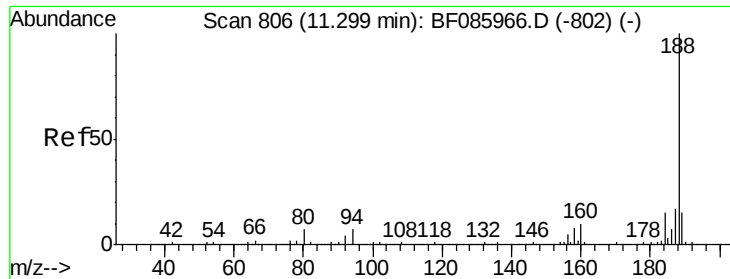
Tgt Ion:163 Resp: 156875
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.2 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.24 min
Lab File: BF086148.D
Acq: 7 Apr 2016 23:54

Tgt Ion:165 Resp: 25496
Ion Ratio Lower Upper
165 100
63 1.2 24.9 37.3#
89 1.5 41.0 61.6#
182 0.0 2.1 3.1#

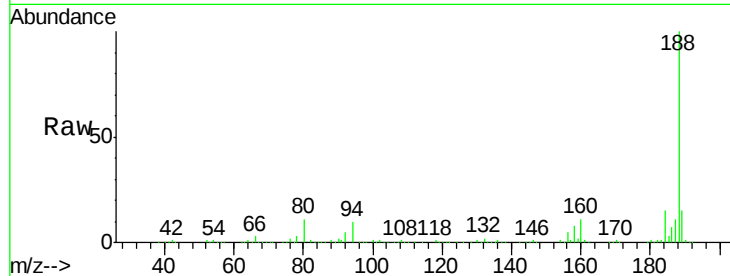




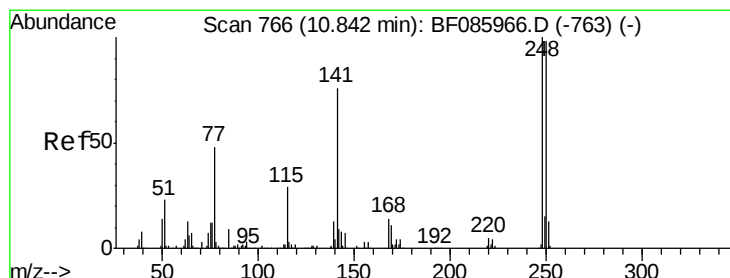
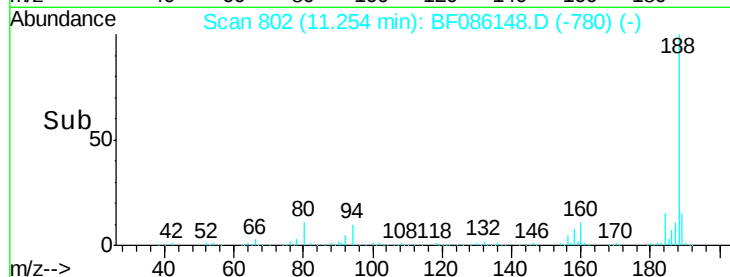
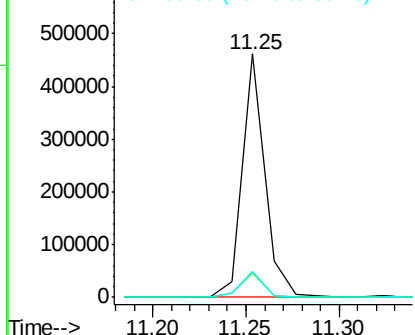
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086148.D
Acq: 7 Apr 2016 23:54

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-15(0.5-20.0)

Tgt Ion:188 Resp: 391370
Ion Ratio Lower Upper
188 100
94 10.2 5.4 8.0#
80 10.9 5.5 8.3#

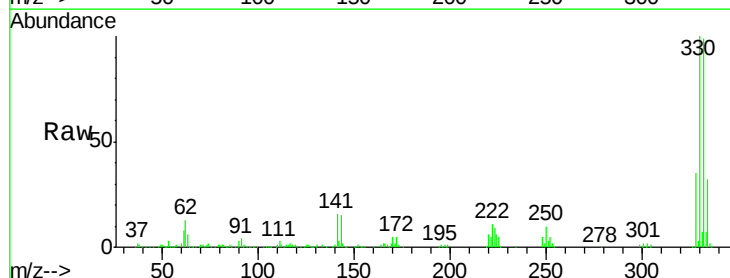


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

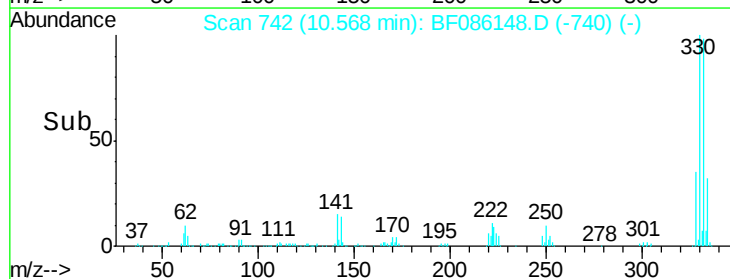
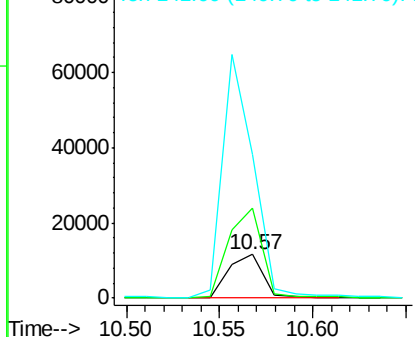


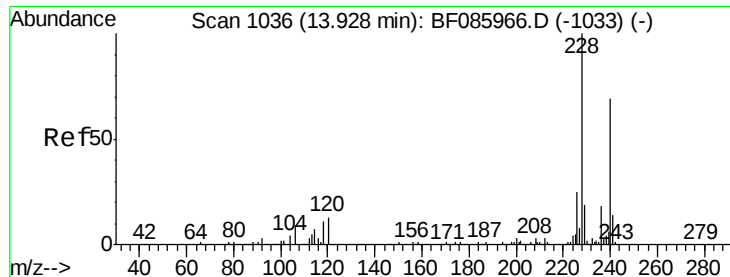
#66
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086148.D
Acq: 7 Apr 2016 23:54

Tgt Ion:248 Resp: 14913
Ion Ratio Lower Upper
248 100
250 205.8 77.4 116.0#
141 328.8 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: BF086148.D

Acq: 7 Apr 2016 23:54

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-15(0.5-20.0)

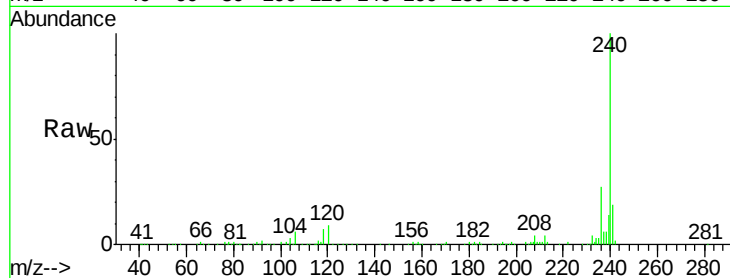
Tgt Ion:240 Resp: 295337

Ion Ratio Lower Upper

240 100

120 8.7 13.8 20.8#

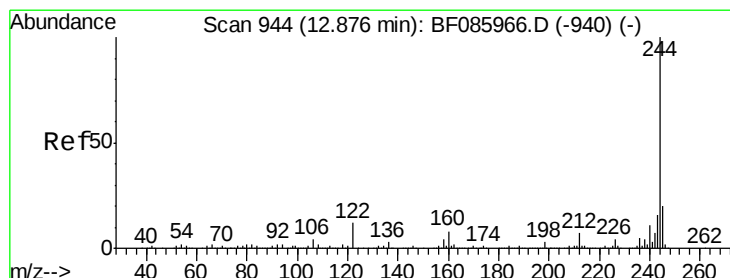
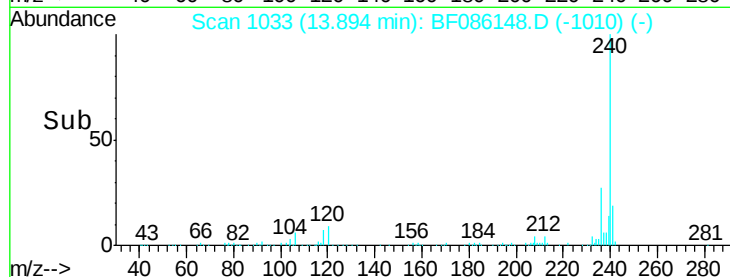
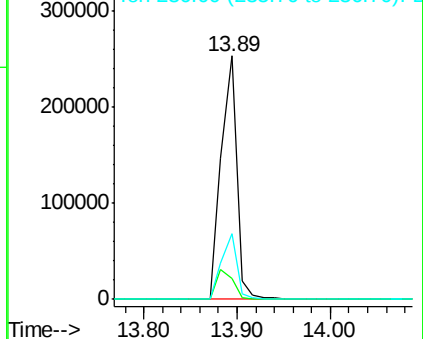
236 26.8 20.6 30.8



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: 74.07 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086148.D

Acq: 7 Apr 2016 23:54

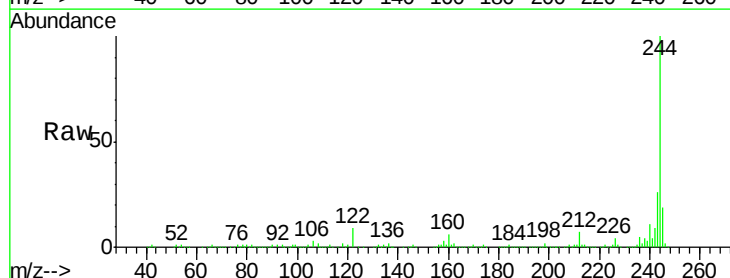
Tgt Ion:244 Resp: 930624

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

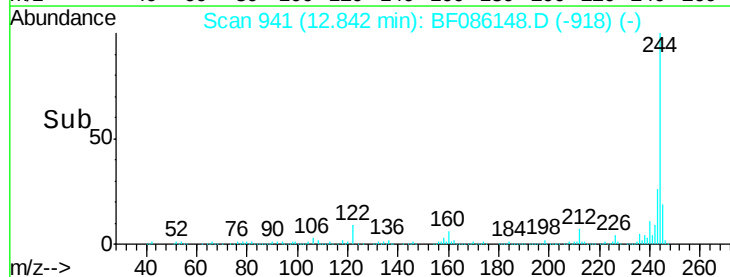
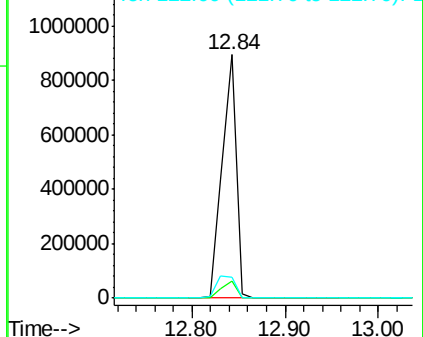
122 8.7 10.2 15.4#

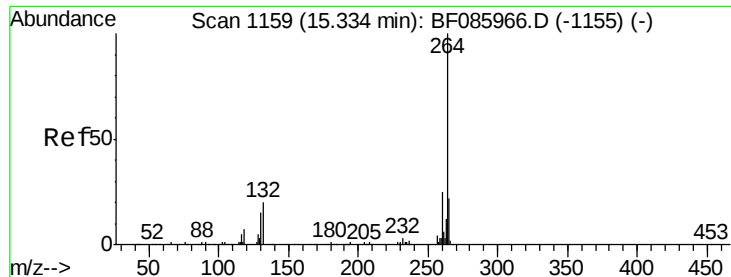


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086148.D
Acq: 7 Apr 2016 23:54

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-15(0.5-20.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.5	17.2	25.8

