

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086199.D
 Acq On : 9 Apr 2016 5:46
 Operator : UM/SJ
 Sample : H2373-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-07(0.5-20.0)

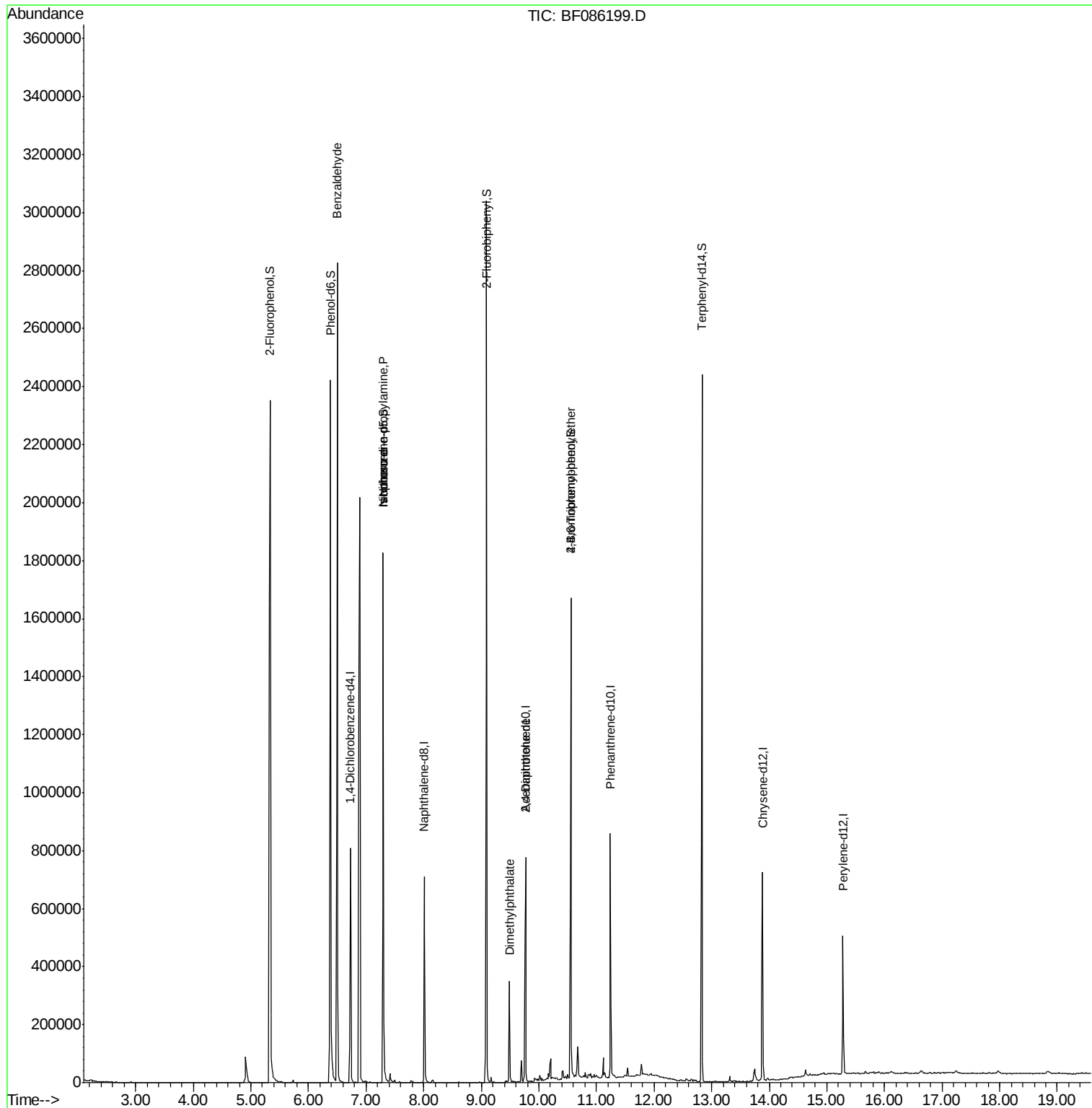
Quant Time: Apr 09 06:49:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	124220	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	449687	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	195497	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	314833	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	251093	20.00	ng	-0.05
86) Perylene-d12	15.28	264	198994	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	972725	133.85	ng	-0.03
7) Phenol-d6	6.38	99	1203009	130.32	ng	-0.03
23) Nitrobenzene-d5	7.30	82	679470	89.11	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	217055	118.29	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1091357	92.82	ng	-0.05
78) Terphenyl-d14	12.83	244	768865	71.98	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	18264	3.68	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	89894	15.71	ng	# 78
25) Isophorone	7.30	82	673091	44.72	ng	# 68
49) Dimethylphthalate	9.49	163	204166	14.09	ng	98
56) 2,4-Dinitrotoluene	9.77	165	24532	6.33	ng	# 36
66) 4-Bromophenyl-phenylether	10.56	248	14738	4.59	ng	# 1

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

```
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Sample    : H2373-02  
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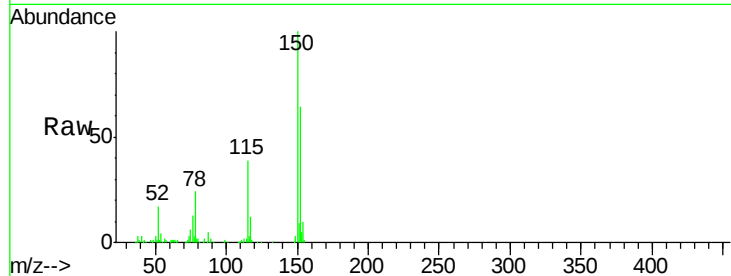


#1

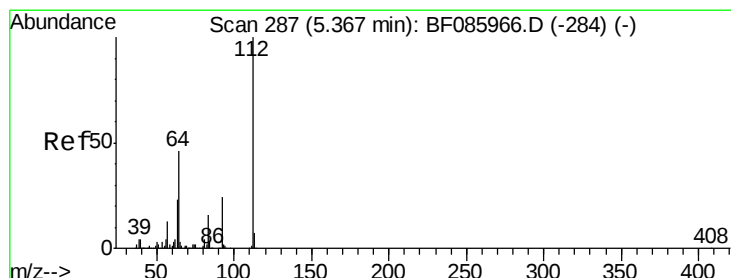
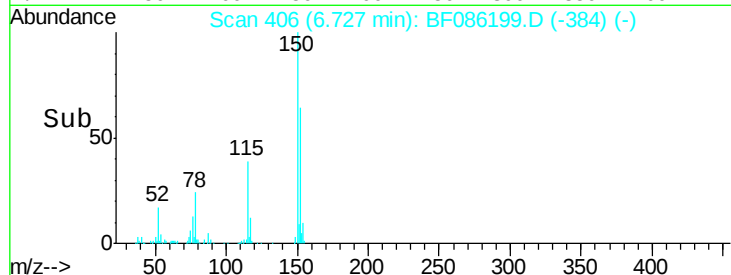
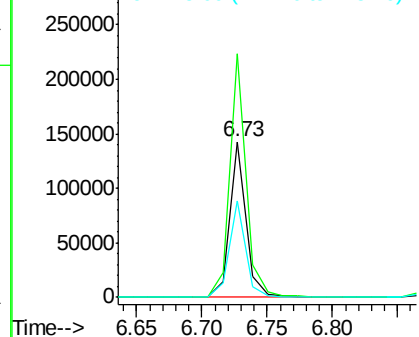
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086199.D
Acq: 9 Apr 2016 5:46

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-07(0.5-20.0)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	61.6	47.0	70.6



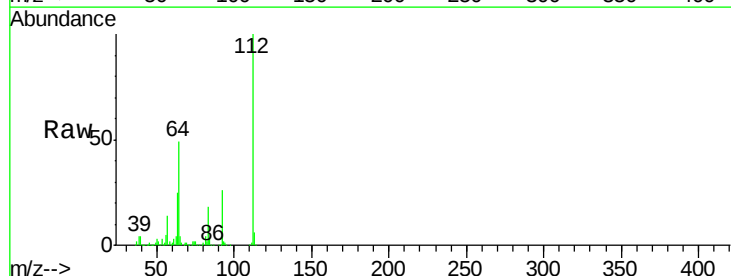
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



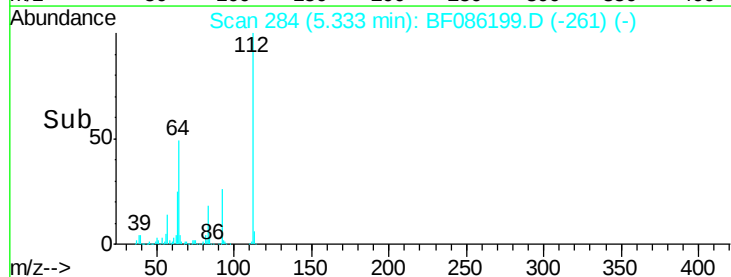
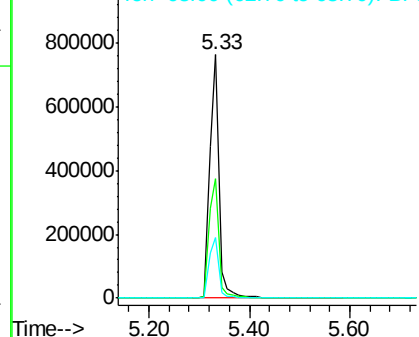
#5

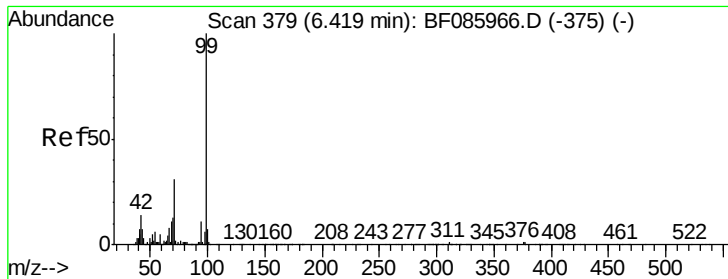
2-Fluorophenol
Concen: 133.85 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086199.D
Acq: 9 Apr 2016 5:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	39.9	59.9
63	24.9	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: 130.32 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086199.D

Acq: 9 Apr 2016 5:46

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-07(0.5-20.0)

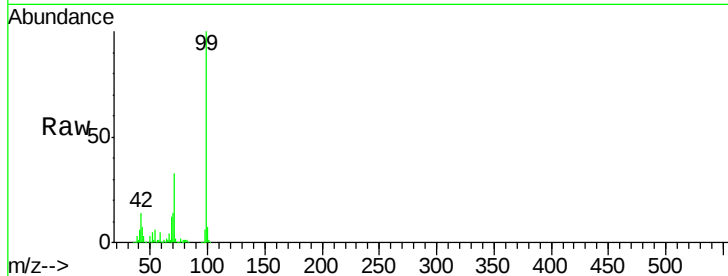
Tgt Ion: 99 Resp: 1203009

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

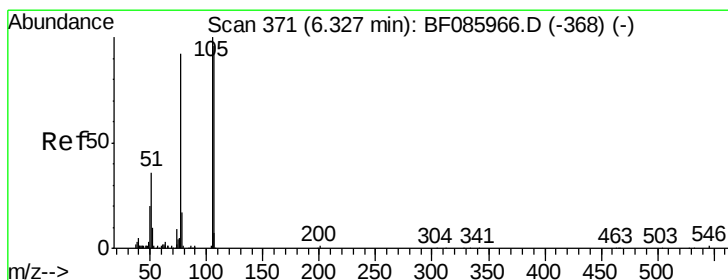
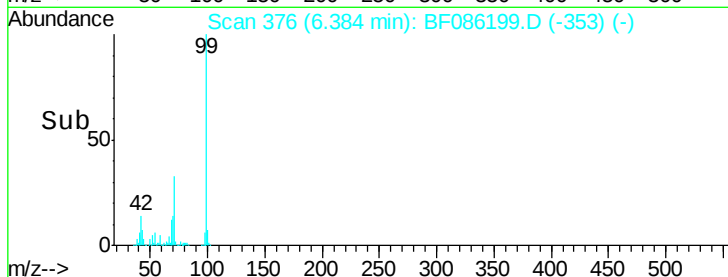
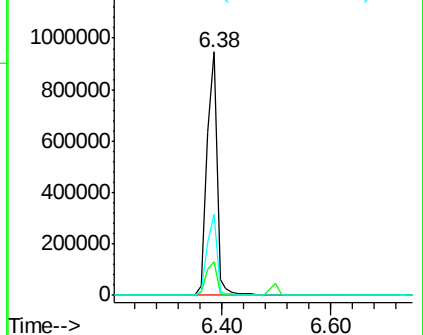
71 33.1 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.68 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.17 min

Lab File: BF086199.D

Acq: 9 Apr 2016 5:46

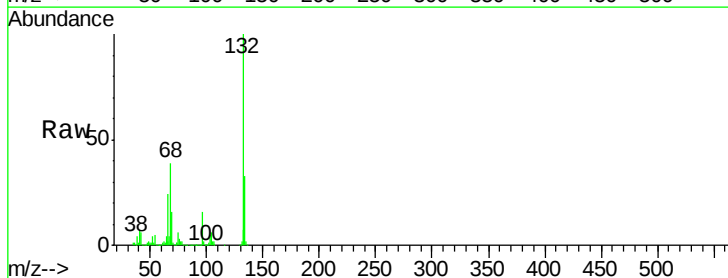
Tgt Ion: 77 Resp: 18264

Ion Ratio Lower Upper

77 100

105 88.5 80.1 120.1

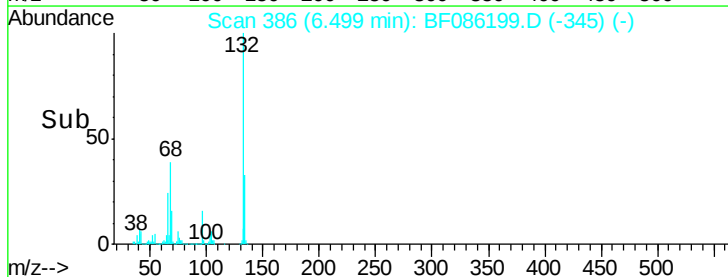
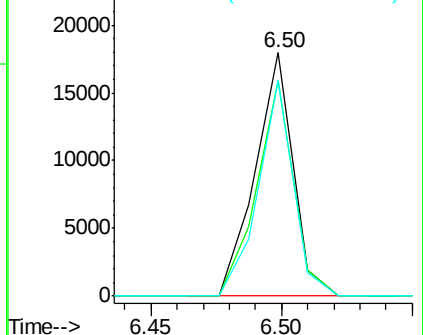
106 88.3 75.0 115.0

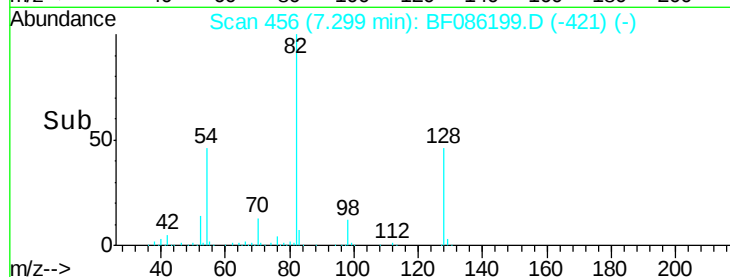
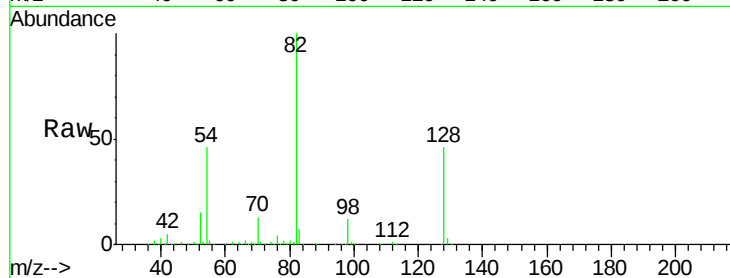
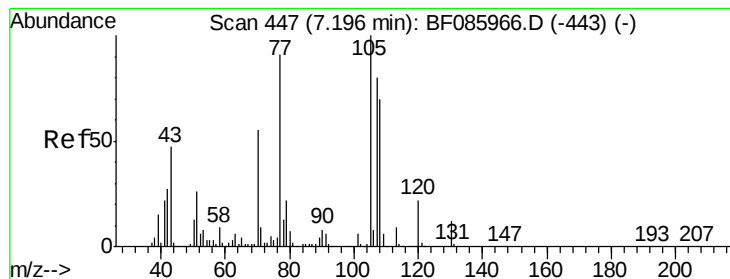


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.71 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.10 min

Lab File: BF086199.D

Acq: 9 Apr 2016 5:46

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-07(0.5-20.0)

Tgt Ion: 70 Resp: 89894

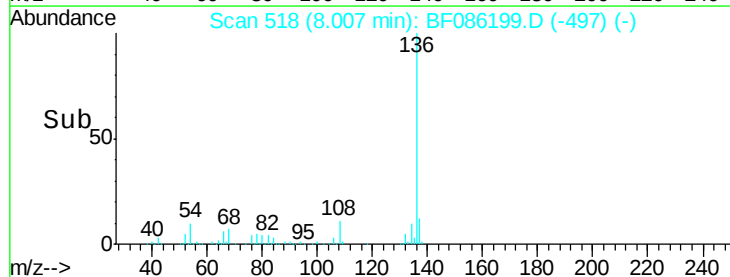
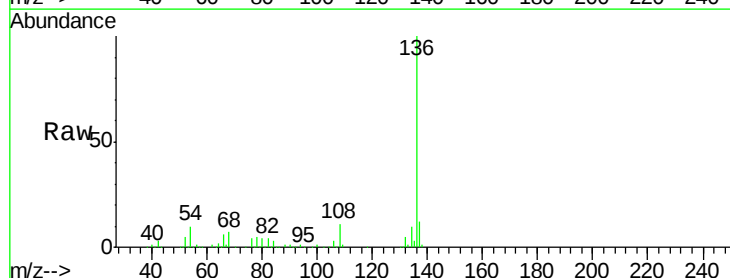
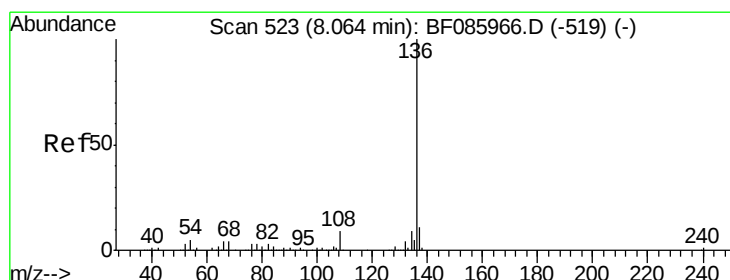
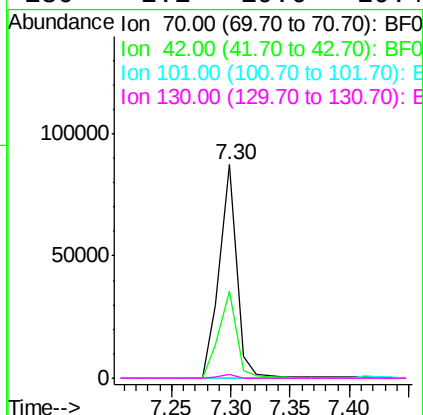
Ion Ratio Lower Upper

70 100

42 40.9 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: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086199.D

Acq: 9 Apr 2016 5:46

Tgt Ion: 136 Resp: 449687

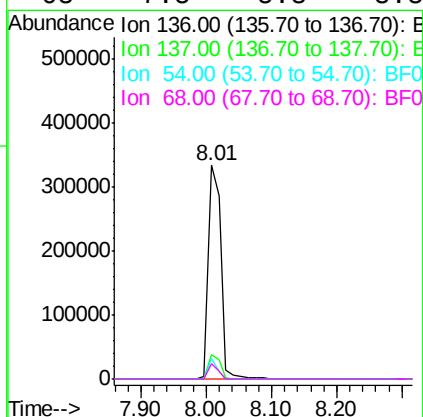
Ion Ratio Lower Upper

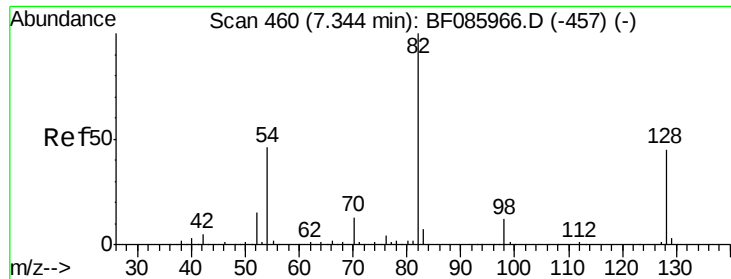
136 100

137 11.5 9.1 13.7

54 9.5 7.4 11.0

68 7.5 5.8 8.8

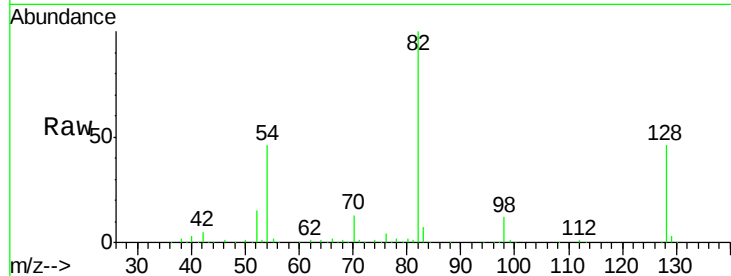




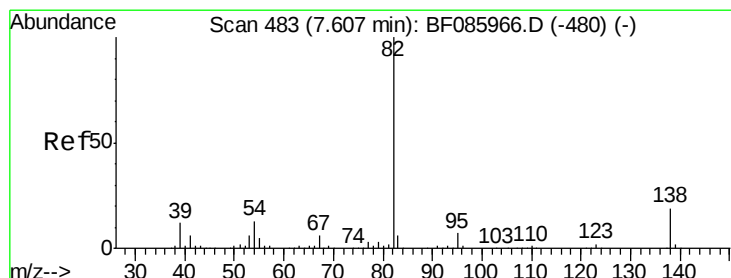
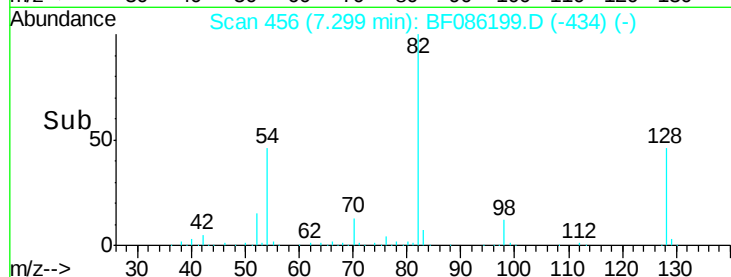
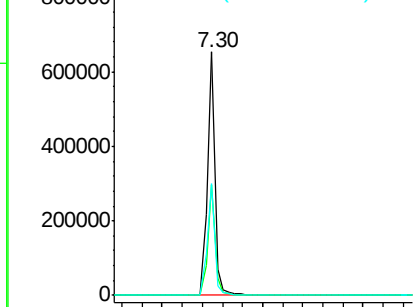
#23
 Nitrobenzene-d5
 Concen: 89.11 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086199.D
 Acq: 9 Apr 2016 5:46

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-07(0.5-20.0)

Tgt Ion: 82 Resp: 679470
 Ion Ratio Lower Upper
 82 100
 128 45.5 41.8 62.8
 54 45.8 33.4 50.0

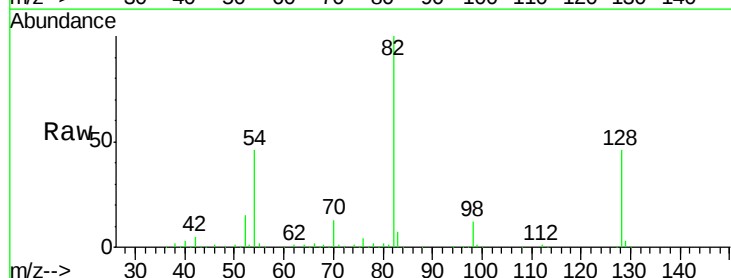


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

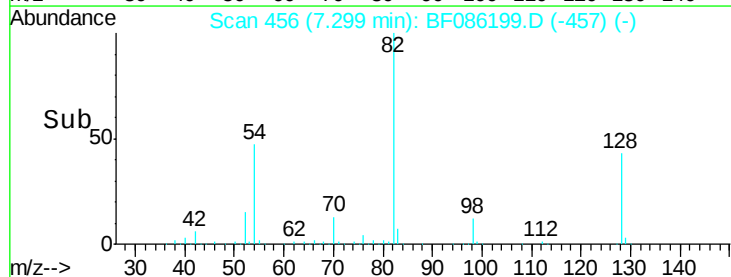
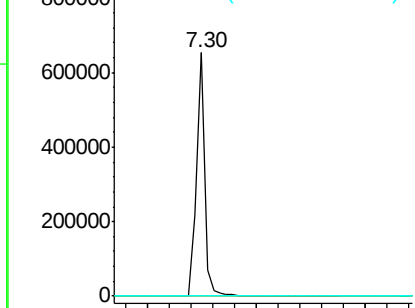


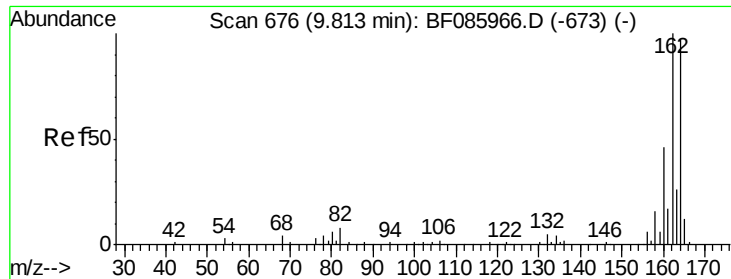
#25
 Isophorone
 Concen: 44.72 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.31 min
 Lab File: BF086199.D
 Acq: 9 Apr 2016 5:46

Tgt Ion: 82 Resp: 673091
 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: BF086199.D

Acq: 9 Apr 2016 5:46

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-07(0.5-20.0)

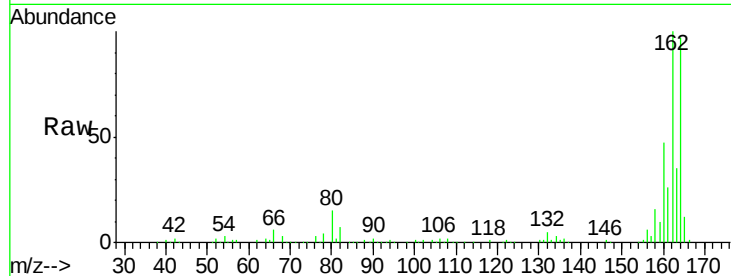
Tgt Ion:164 Resp: 195497

Ion Ratio Lower Upper

164 100

162 103.3 82.1 123.1

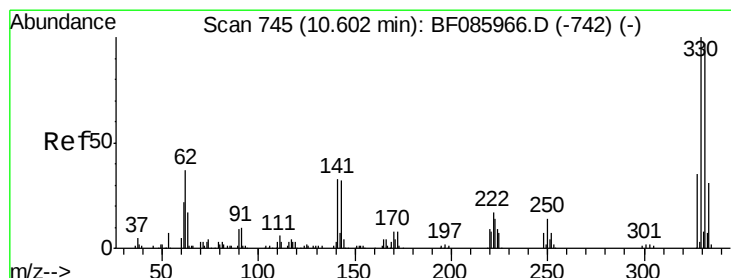
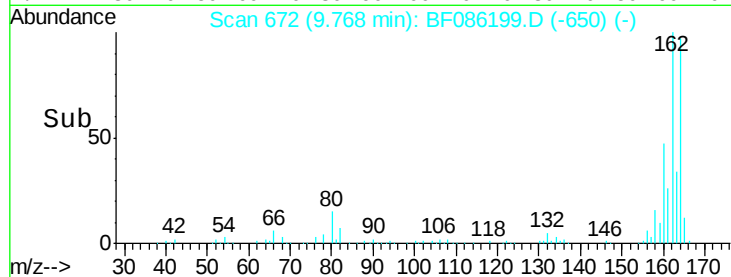
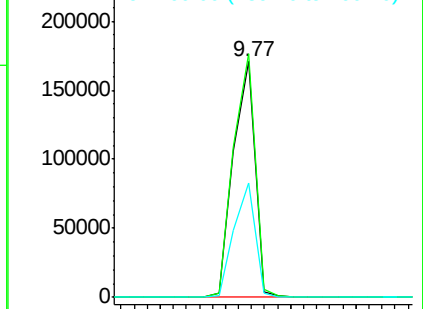
160 48.7 37.4 56.2



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: 118.29 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.05 min

Lab File: BF086199.D

Acq: 9 Apr 2016 5:46

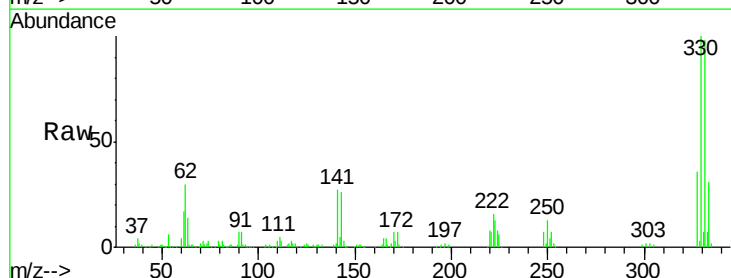
Tgt Ion:330 Resp: 217055

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.2

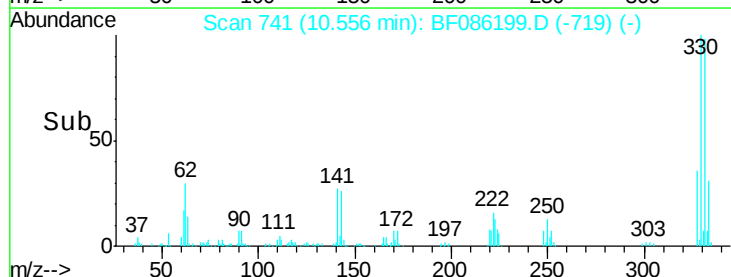
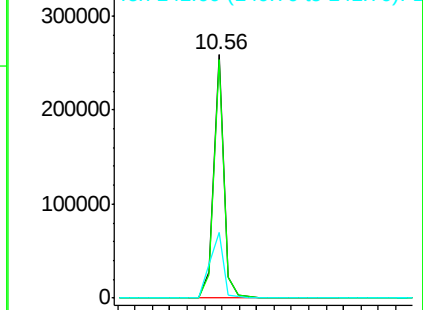
141 35.9 31.5 47.3

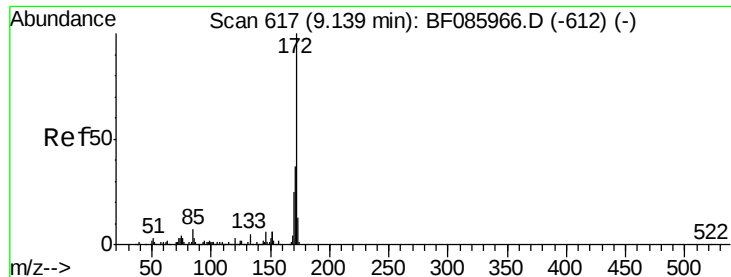


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

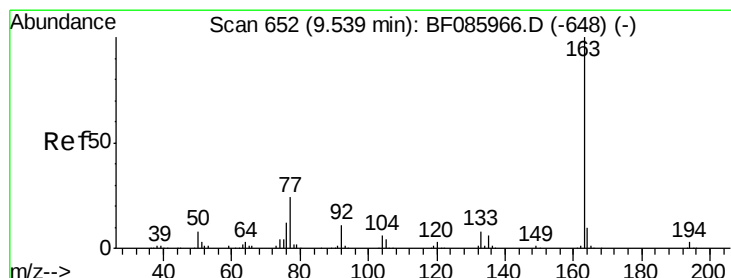
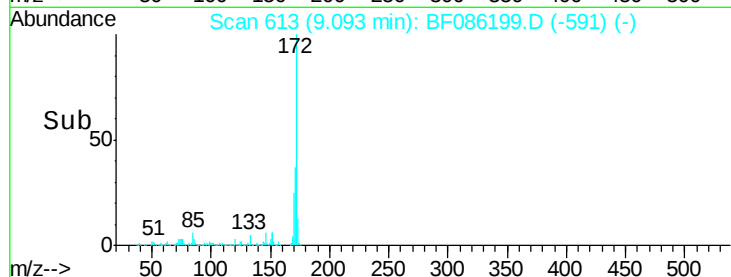
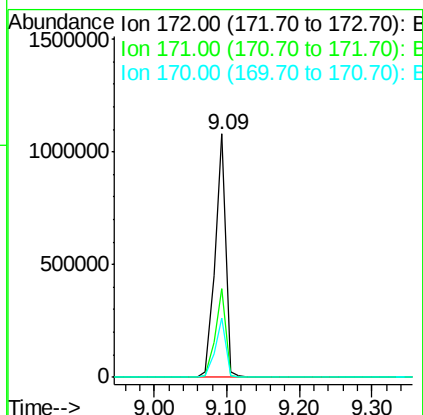
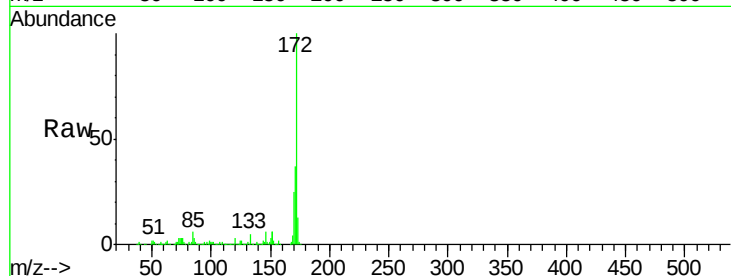




#44
2-Fluorobiphenyl
Concen: 92.82 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086199.D
Acq: 9 Apr 2016 5:46

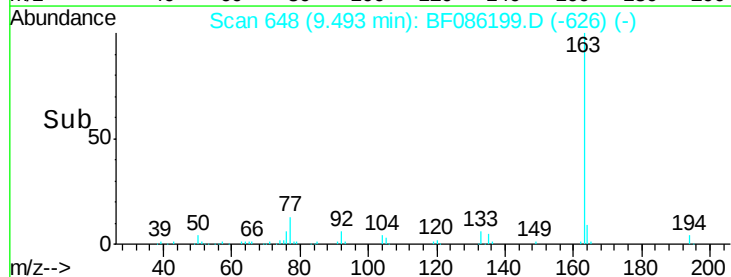
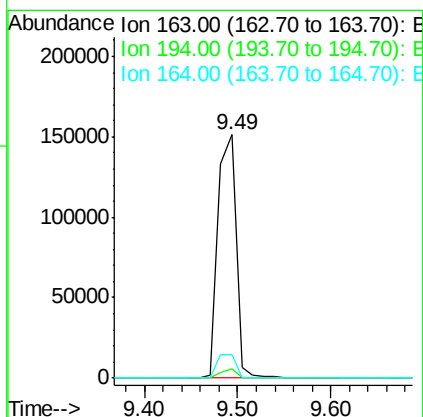
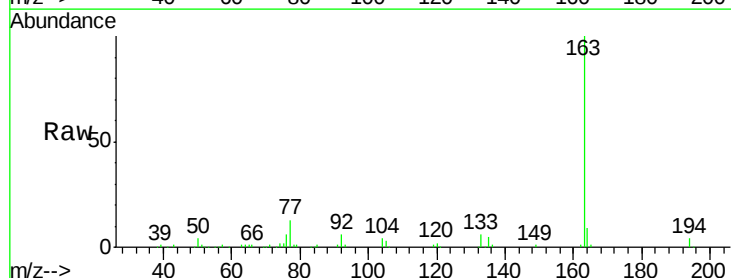
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-07(0.5-20.0)

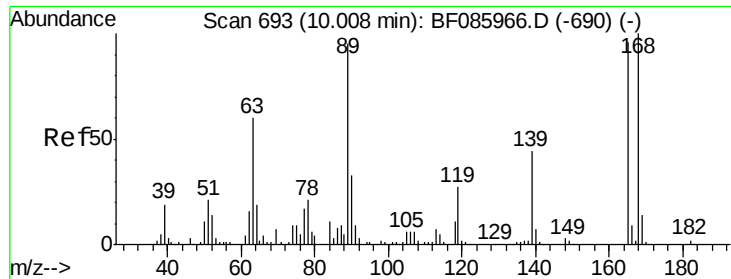
Tgt Ion:172 Resp: 1091357
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.2
170 24.6 19.8 29.6



#49
Dimethylphthalate
Concen: 14.09 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086199.D
Acq: 9 Apr 2016 5:46

Tgt Ion:163 Resp: 204166
Ion Ratio Lower Upper
163 100
194 4.1 2.9 4.3
164 9.4 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: BF086199.D

Acq: 9 Apr 2016 5:46

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-07(0.5-20.0)

Tgt Ion:165 Resp: 24532

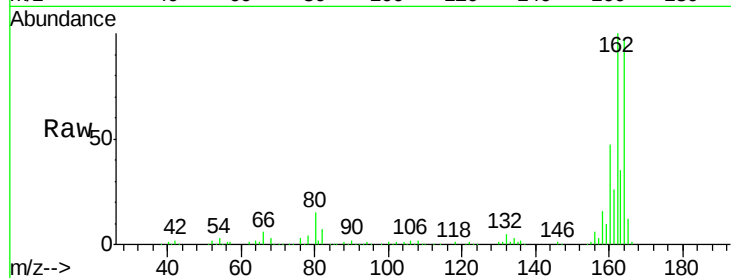
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 1.6 41.0 61.6#

182 0.0 2.1 3.1#

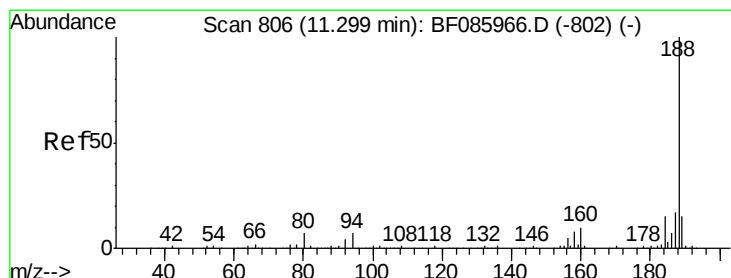
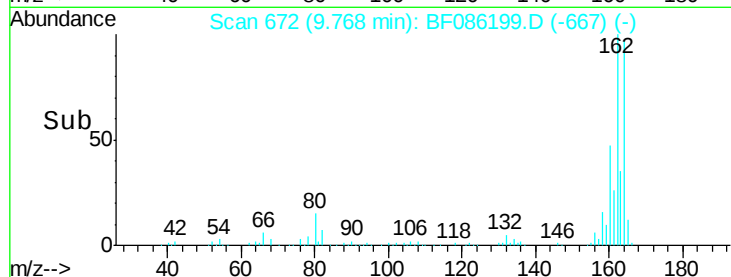
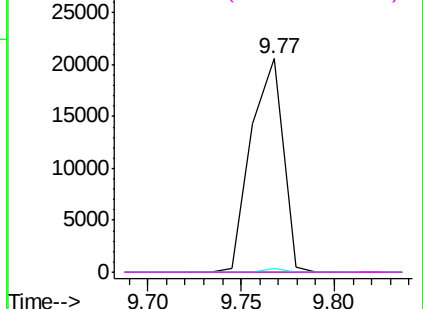


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 801

Delta R.T. -0.06 min

Lab File: BF086199.D

Acq: 9 Apr 2016 5:46

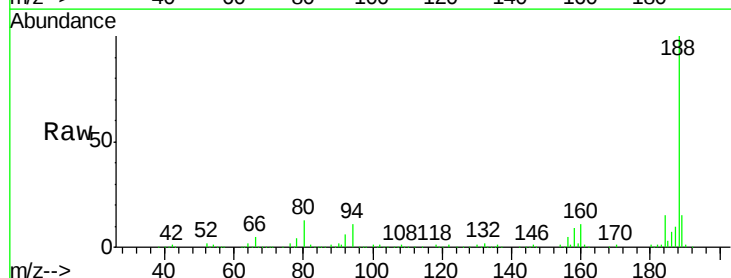
Tgt Ion:188 Resp: 314833

Ion Ratio Lower Upper

188 100

94 11.4 5.4 8.0#

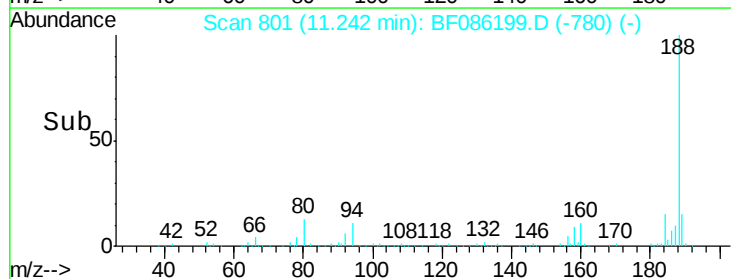
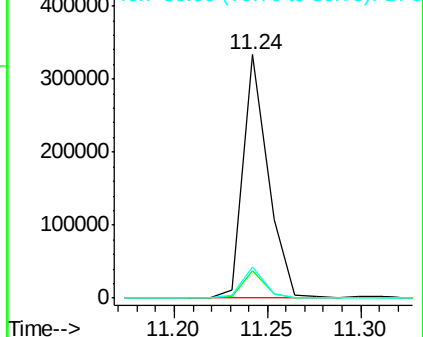
80 12.6 5.5 8.3#

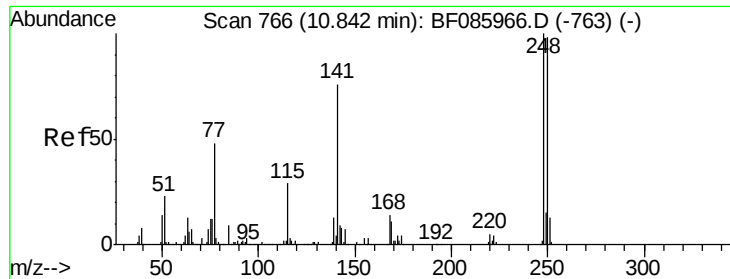


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.59 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.29 min

Lab File: BF086199.D

Acq: 9 Apr 2016 5:46

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-07(0.5-20.0)

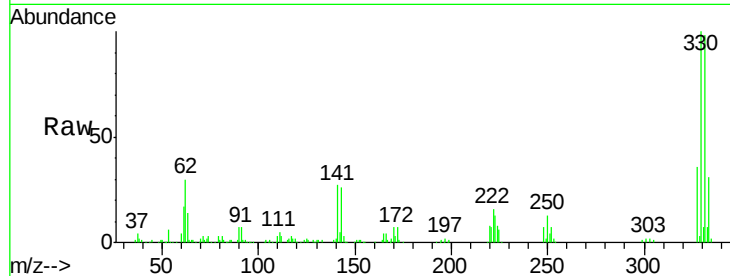
Tgt Ion:248 Resp: 14738

Ion Ratio Lower Upper

248 100

250 198.3 77.4 116.0#

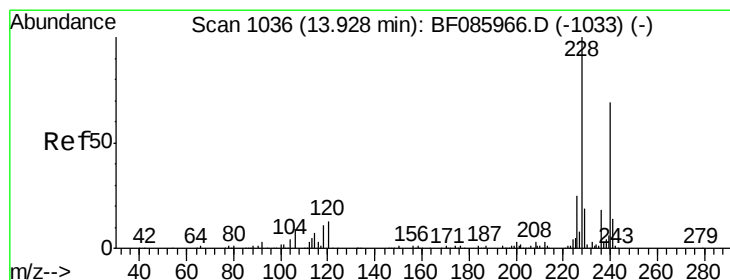
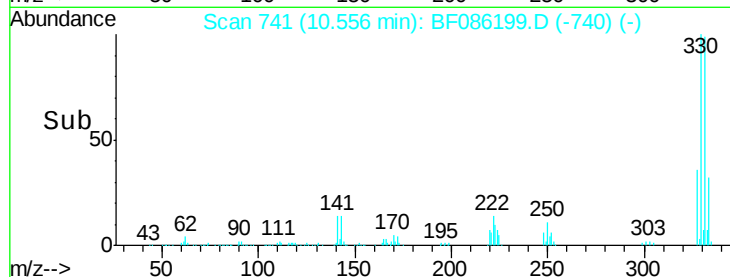
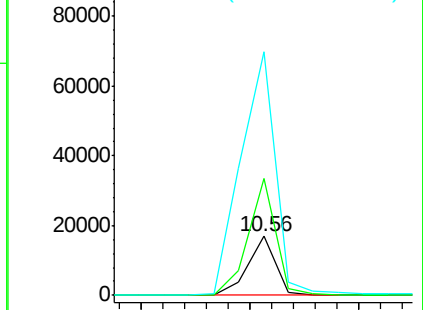
141 413.1 63.6 95.4#



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: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086199.D

Acq: 9 Apr 2016 5:46

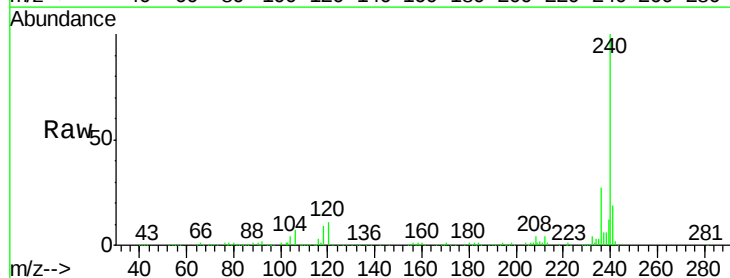
Tgt Ion:240 Resp: 251093

Ion Ratio Lower Upper

240 100

120 10.7 13.8 20.8#

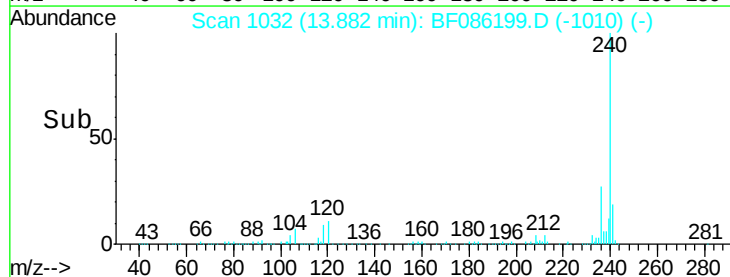
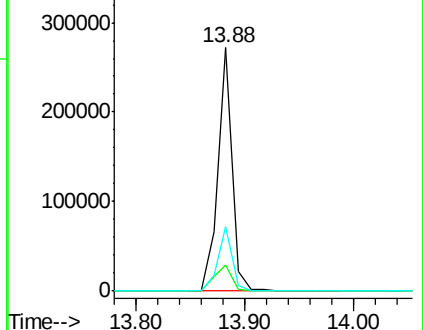
236 26.6 20.6 30.8

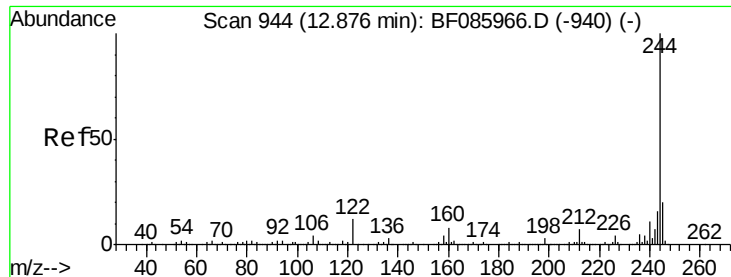


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

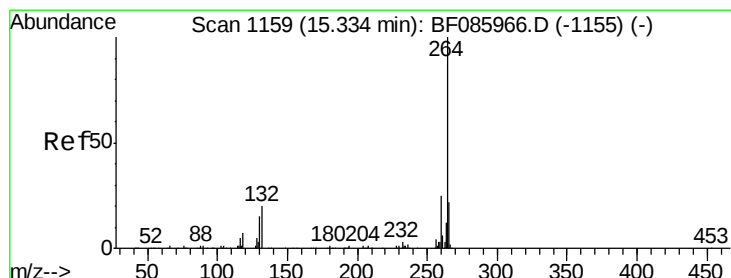
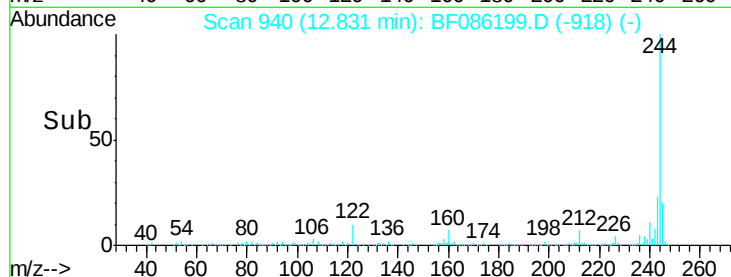
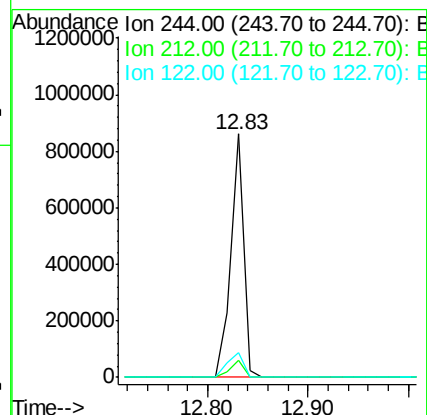
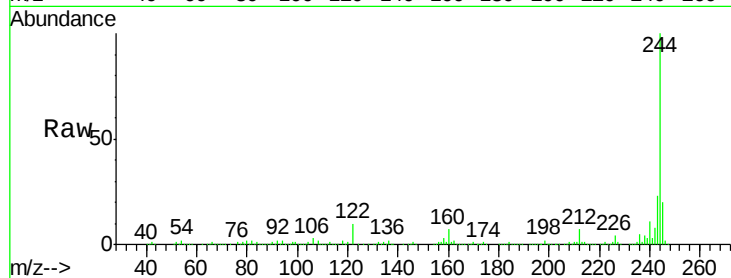




#78
 Terphenyl-d14
 Concen: 71.98 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.05 min
 Lab File: BF086199.D
 Acq: 9 Apr 2016 5:46

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-07(0.5-20.0)

Tgt Ion:244 Resp: 768865
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 10.4 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF086199.D
 Acq: 9 Apr 2016 5:46

Tgt Ion:264 Resp: 198994
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 21.9 17.2 25.8

