

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086202.D
 Acq On : 9 Apr 2016 7:10
 Operator : UM/SJ
 Sample : H2373-08
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-21(0.5-20.0)

Quant Time: Apr 11 00:37:52 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

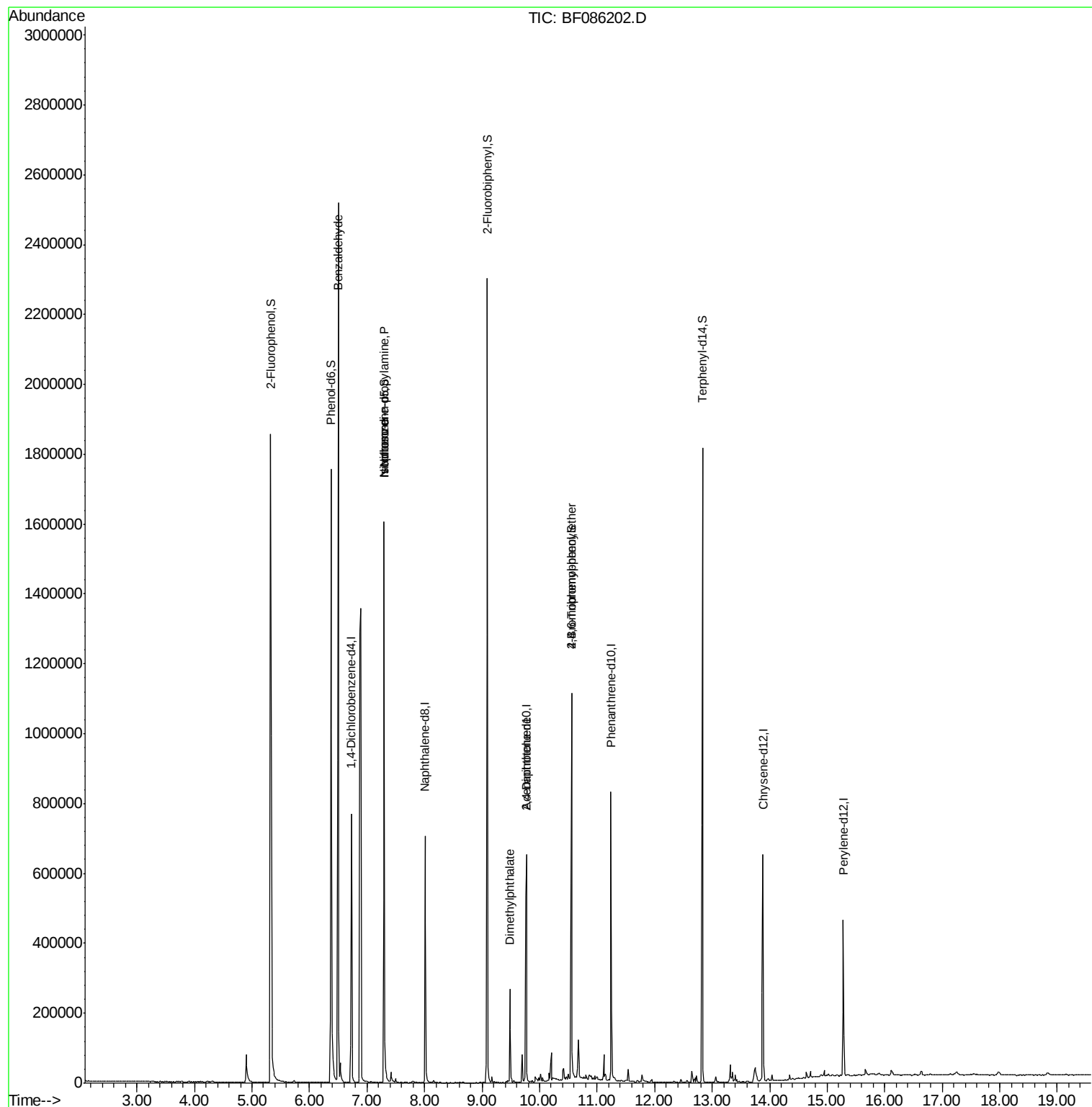
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	115704	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	424893	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	178583	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	291966	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	237809	20.00	ng	-0.05
86) Perylene-d12	15.28	264	189696	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	716434	105.84	ng	-0.05
7) Phenol-d6	6.37	99	877245	102.03	ng	-0.05
23) Nitrobenzene-d5	7.30	82	581339	80.69	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	159484	95.15	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	880680	82.00	ng	-0.05
78) Terphenyl-d14	12.83	244	599237	59.23	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	16866	3.65	ng	87
19) n-Nitroso-di-n-propylamine	7.30	70	75550	14.18	ng	# 77
25) Isophorone	7.30	82	581577	40.89	ng	# 68
49) Dimethylphthalate	9.48	163	132311	10.00	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	21996	6.22	ng	# 35
66) 4-Bromophenyl-phenylether	10.56	248	10731	3.60	ng	# 1

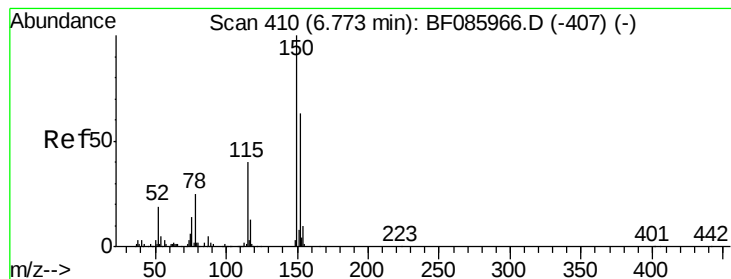
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-21(0.5-20.0)

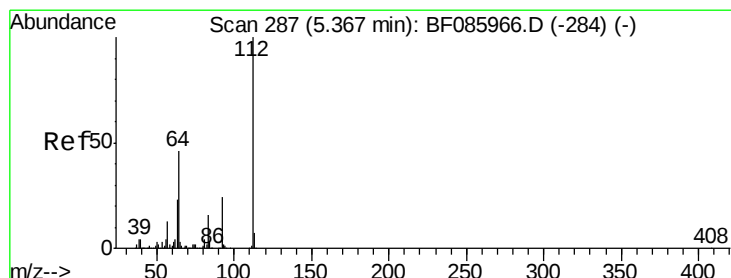
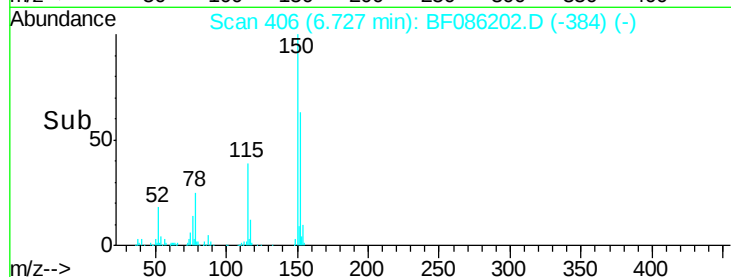
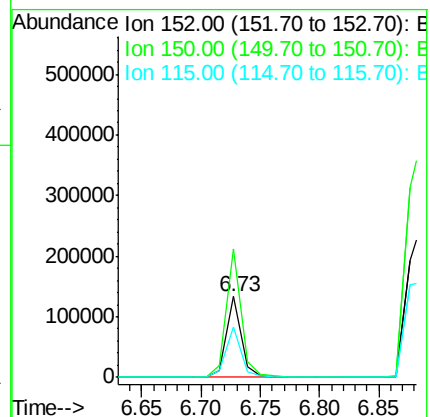
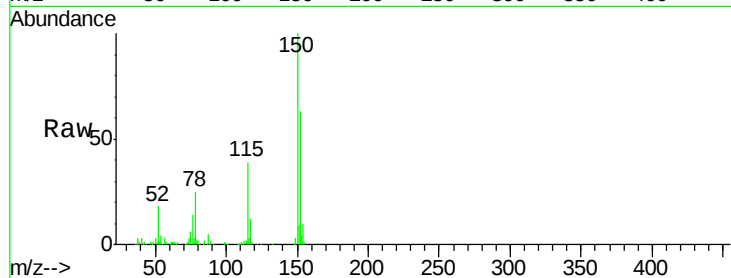
Tgt Ion:152 Resp: 115704

Ion Ratio Lower Upper

152 100

150 158.2 124.2 186.2

115 62.0 47.0 70.6



#5

2-Fluorophenol

Concen: 105.84 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.05 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

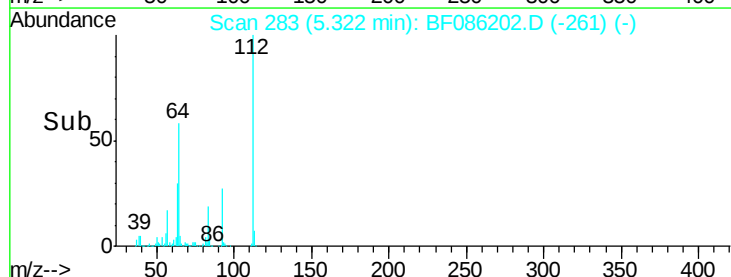
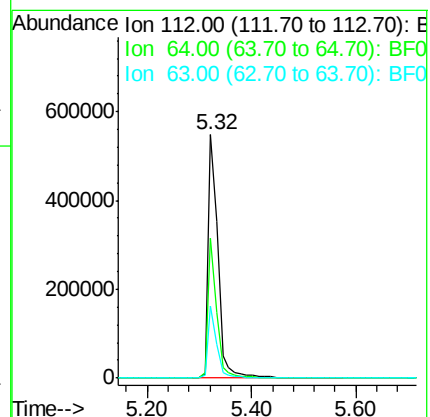
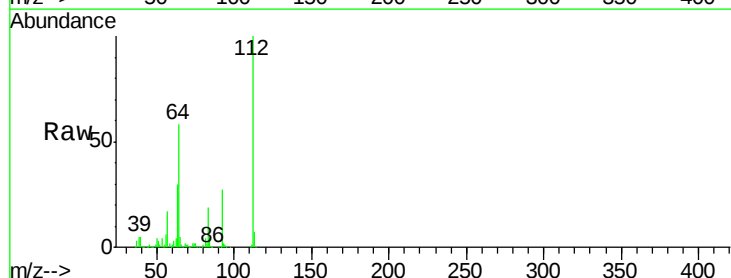
Tgt Ion:112 Resp: 716434

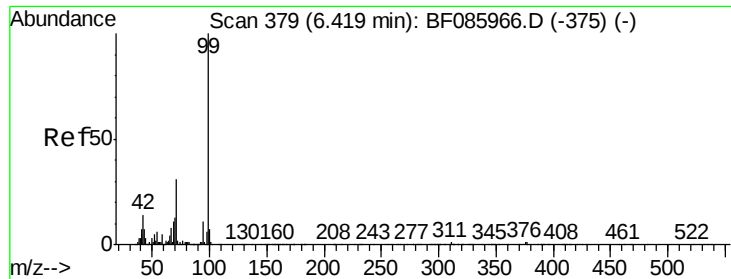
Ion Ratio Lower Upper

112 100

64 57.6 39.9 59.9

63 29.5 20.2 30.2





#7

Phenol-d6

Concen: 102.03 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-21(0.5-20.0)

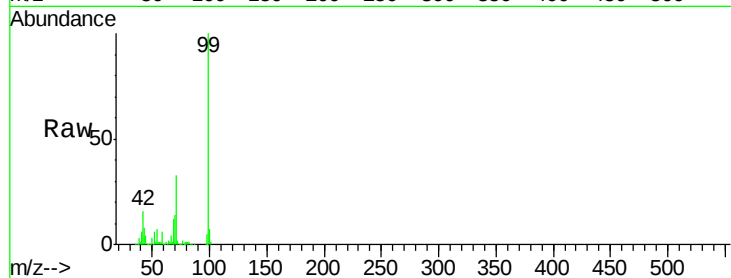
Tgt Ion: 99 Resp: 877245

Ion Ratio Lower Upper

99 100

42 15.9 11.1 16.7

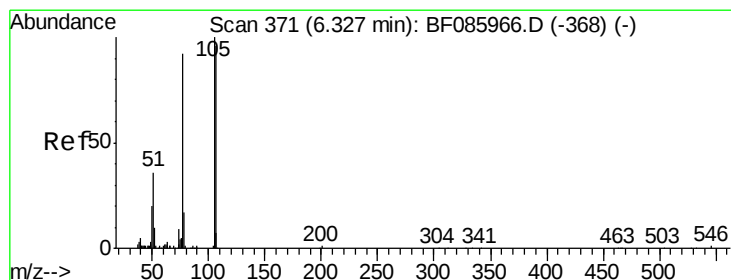
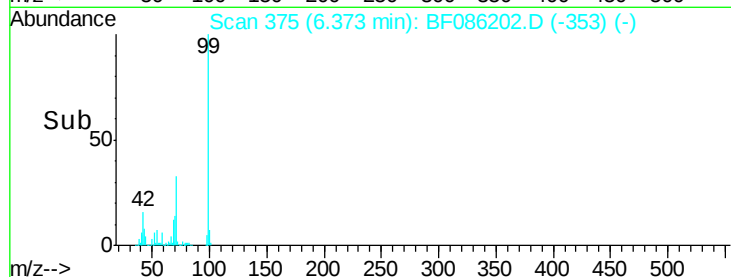
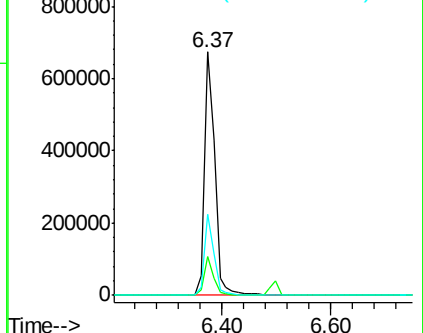
71 33.1 24.9 37.3



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: 3.65 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.17 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

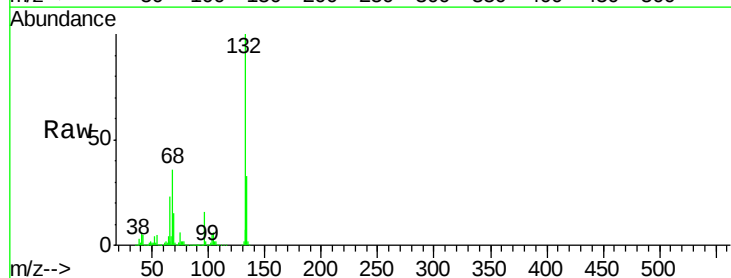
Tgt Ion: 77 Resp: 16866

Ion Ratio Lower Upper

77 100

105 87.5 80.1 120.1

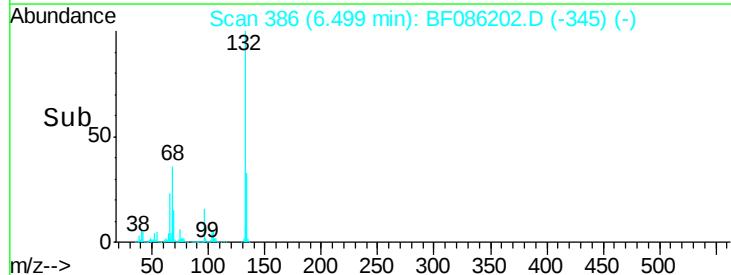
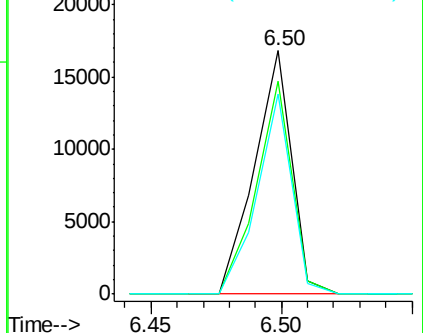
106 82.4 75.0 115.0

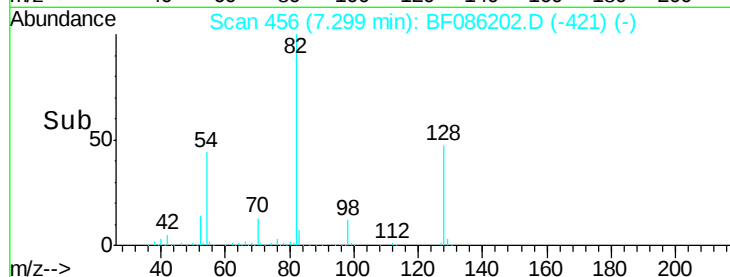
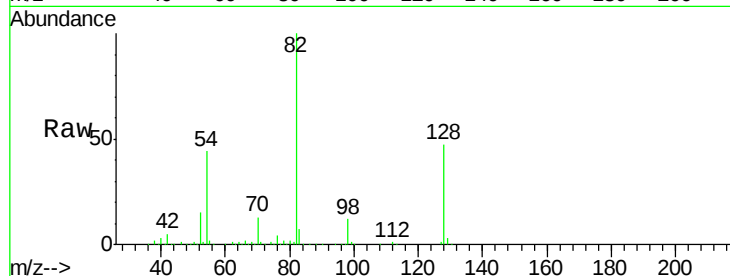
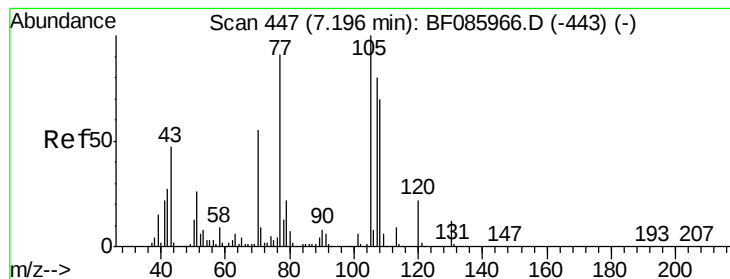


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 14.18 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.10 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-21(0.5-20.0)

Tgt Ion: 70 Resp: 75550

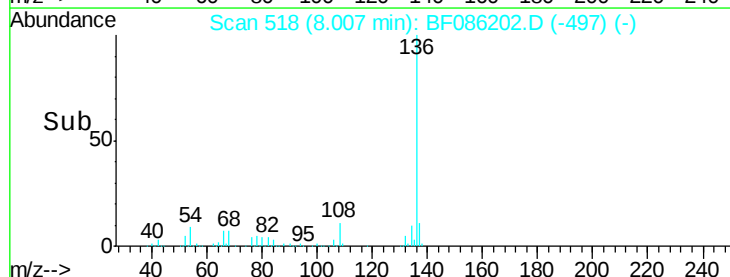
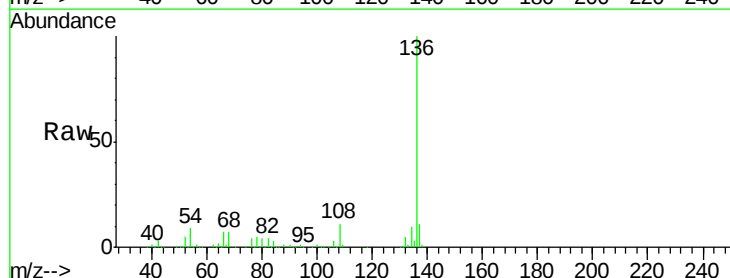
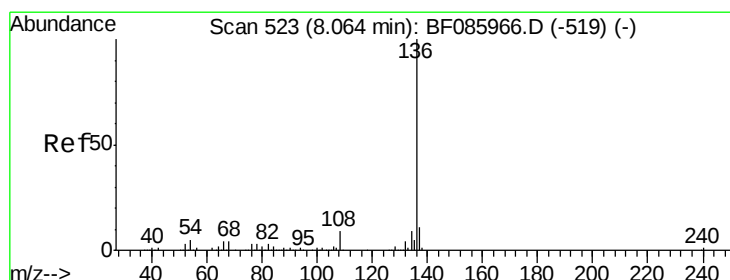
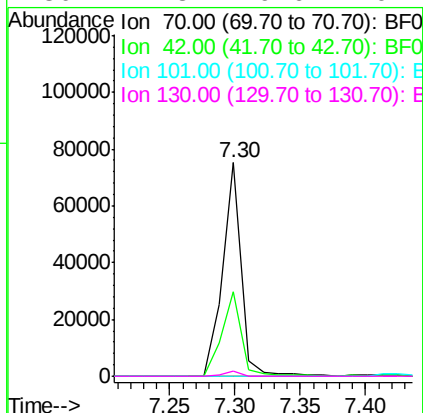
Ion Ratio Lower Upper

70 100

42 39.6 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 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: BF086202.D

Acq: 9 Apr 2016 7:10

Tgt Ion: 136 Resp: 424893

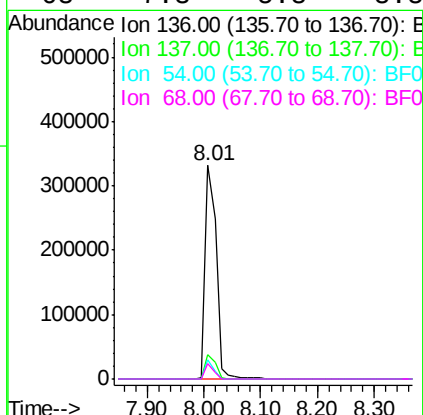
Ion Ratio Lower Upper

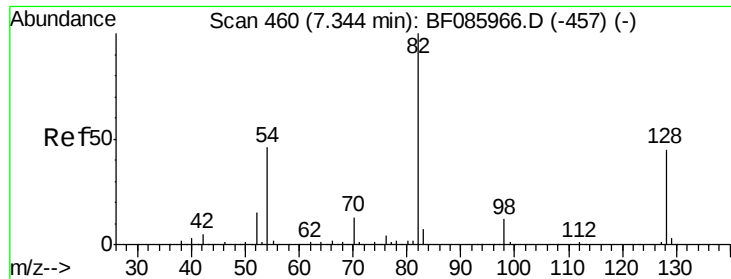
136 100

137 11.3 9.1 13.7

54 9.2 7.4 11.0

68 7.3 5.8 8.8

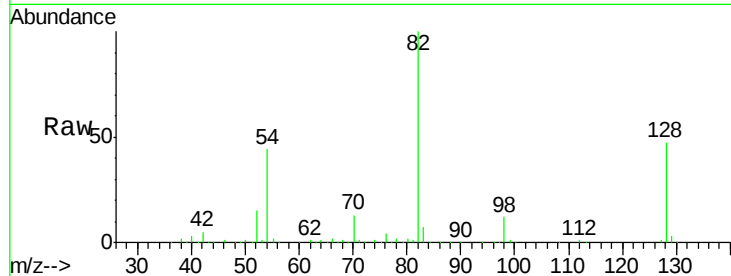




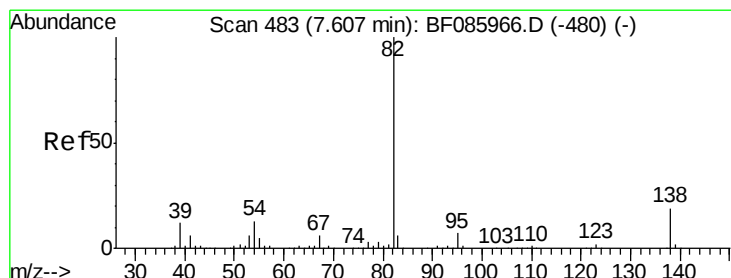
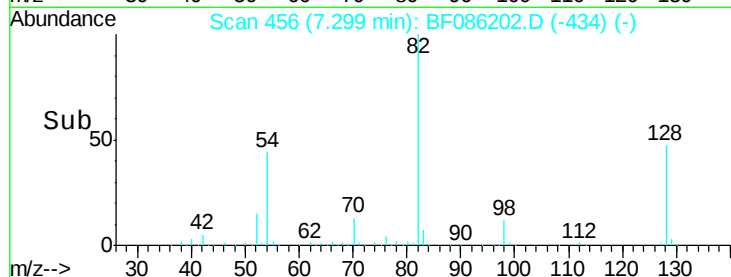
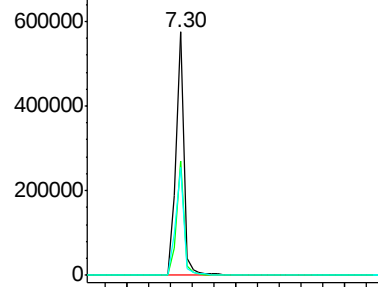
#23
 Nitrobenzene-d5
 Concen: 80.69 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086202.D
 Acq: 9 Apr 2016 7:10

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-21(0.5-20.0)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	41.8	62.8
54	44.2	33.4	50.0

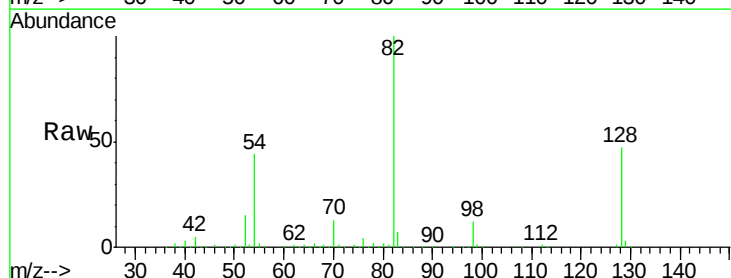


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

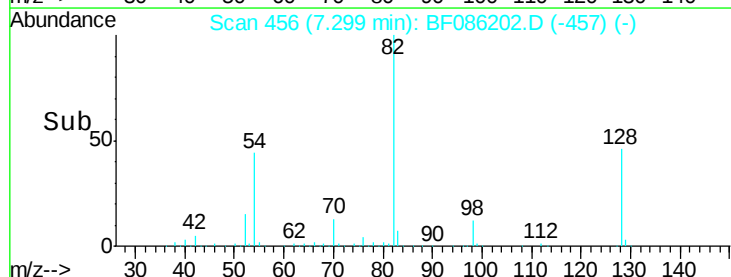
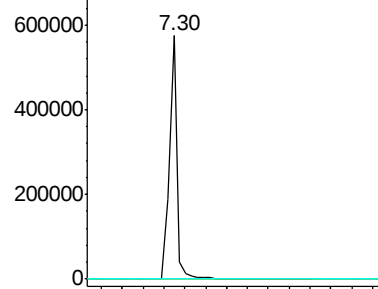


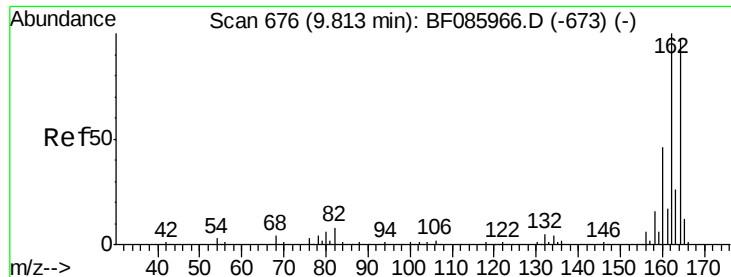
#25
 Isophorone
 Concen: 40.89 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.31 min
 Lab File: BF086202.D
 Acq: 9 Apr 2016 7:10

Tgt 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: BF086202.D

Acq: 9 Apr 2016 7:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-21(0.5-20.0)

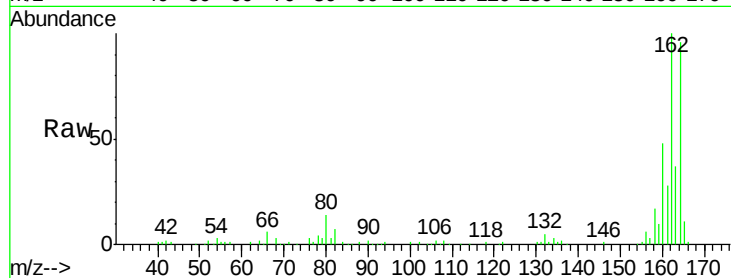
Tgt Ion:164 Resp: 178583

Ion Ratio Lower Upper

164 100

162 104.5 82.1 123.1

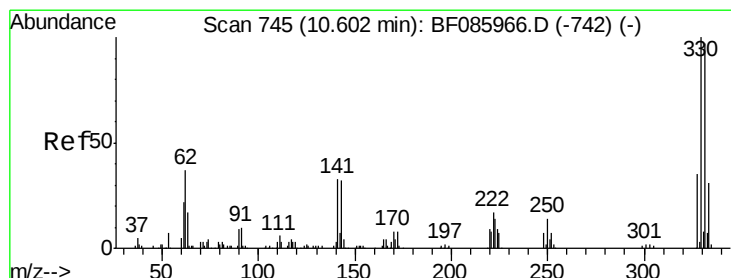
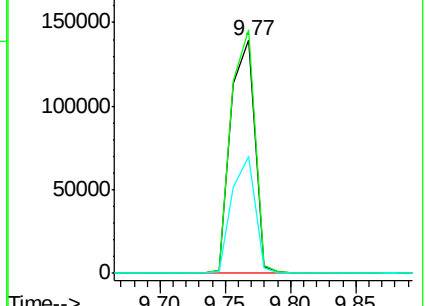
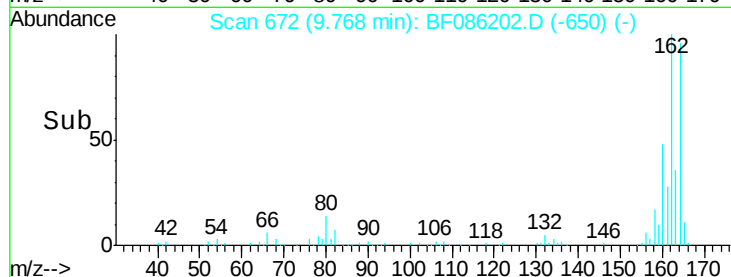
160 50.0 37.4 56.2



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: 95.15 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.05 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

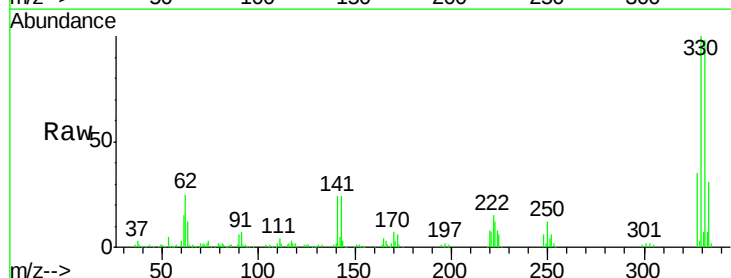
Tgt Ion:330 Resp: 159484

Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.2

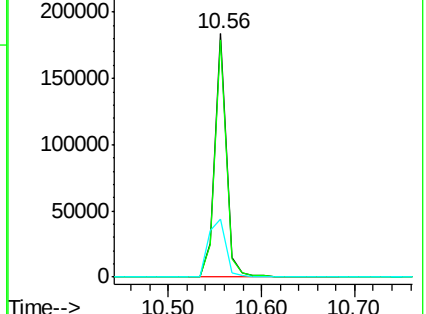
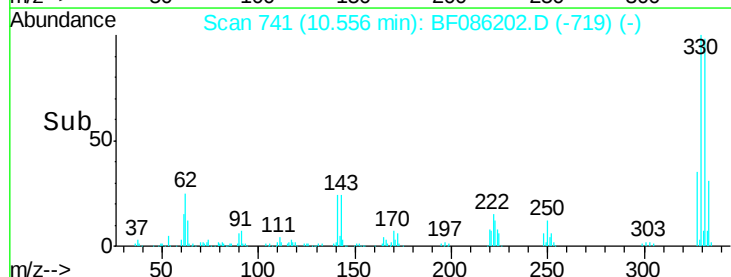
141 36.6 31.5 47.3

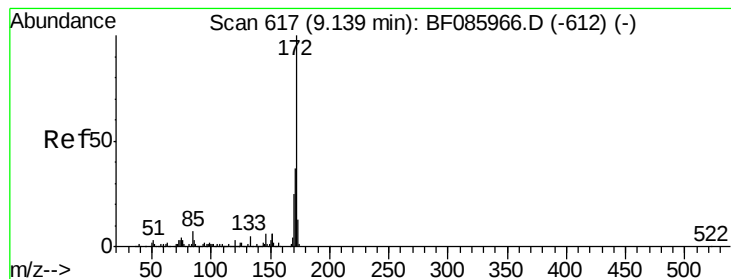


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 82.00 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.05 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-21(0.5-20.0)

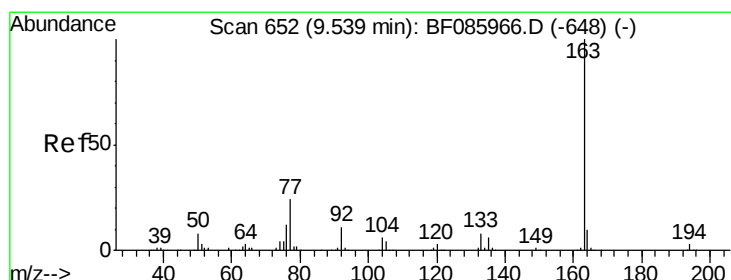
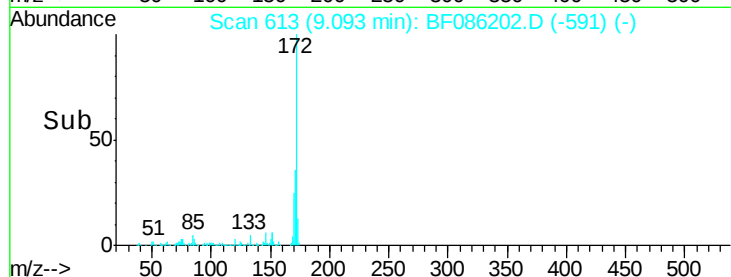
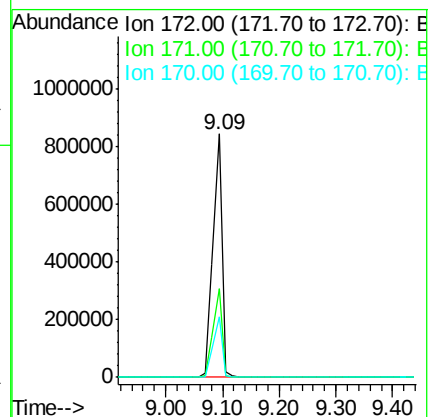
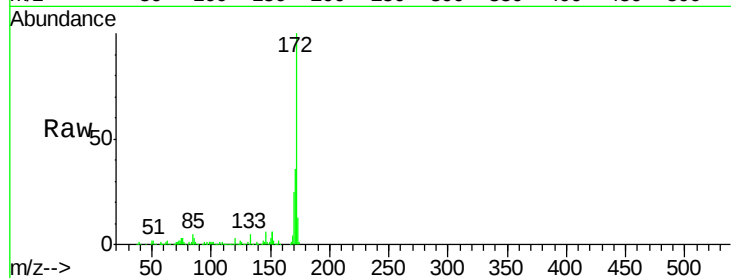
Tgt Ion:172 Resp: 880680

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.2

170 24.7 19.8 29.6



#49

Dimethylphthalate

Concen: 10.00 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.06 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

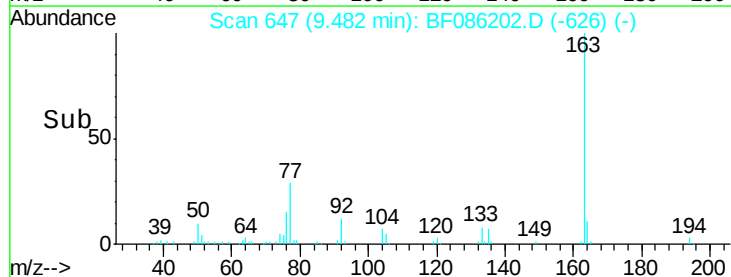
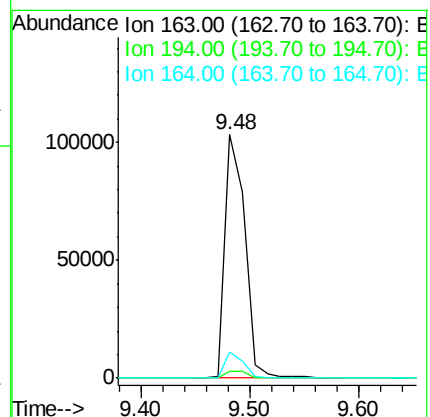
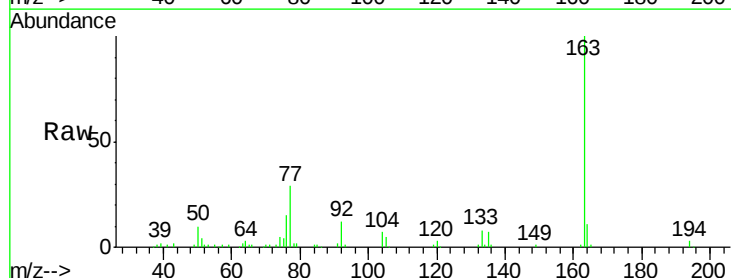
Tgt Ion:163 Resp: 132311

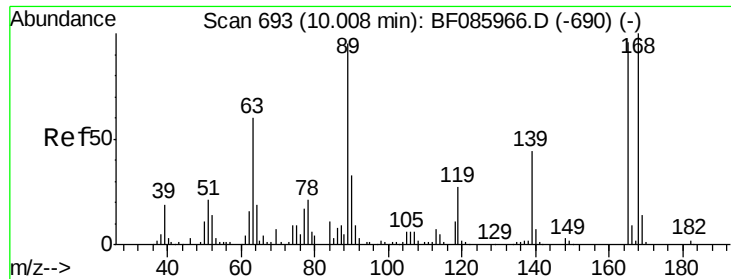
Ion Ratio Lower Upper

163 100

194 2.9 2.9 4.3#

164 10.8 8.3 12.5

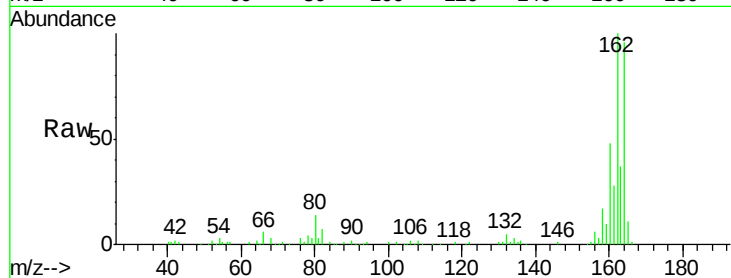




#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.24 min
 Lab File: BF086202.D
 Acq: 9 Apr 2016 7:10

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-21(0.5-20.0)

Tgt Ion:	165	Resp:	21996
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	0.0	41.0	61.6#
182	0.0	2.1	3.1#

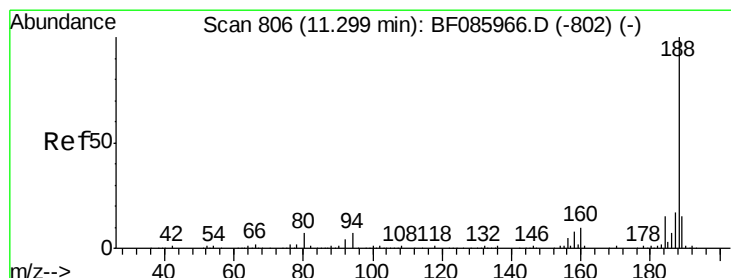
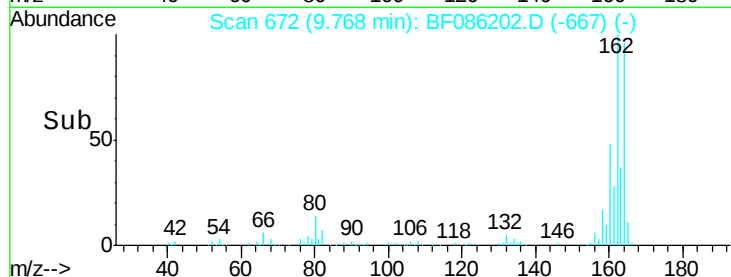
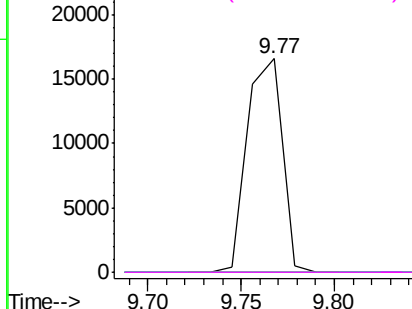


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

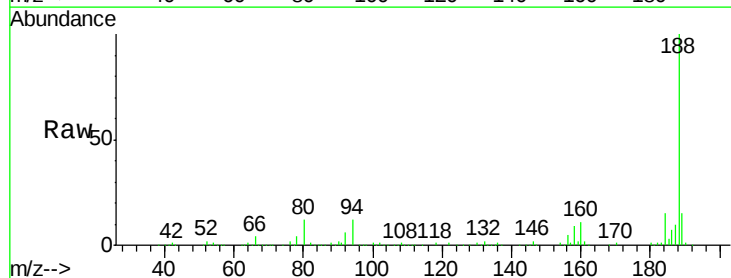
Ion 89.00 (88.70 to 89.70): BF0

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: BF086202.D
 Acq: 9 Apr 2016 7:10

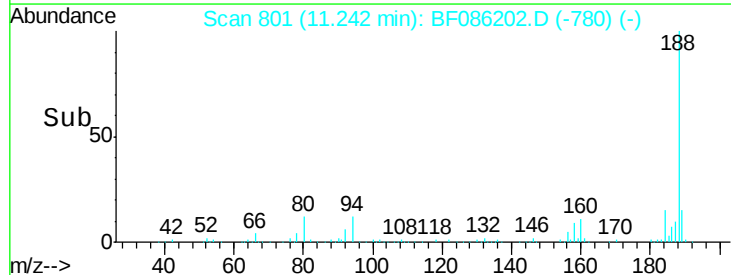
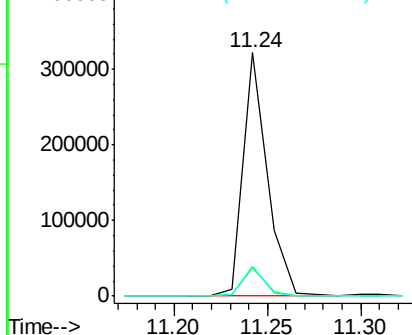
Tgt Ion:	188	Resp:	291966
Ion	Ratio	Lower	Upper
188	100		
94	11.8	5.4	8.0#
80	12.3	5.5	8.3#

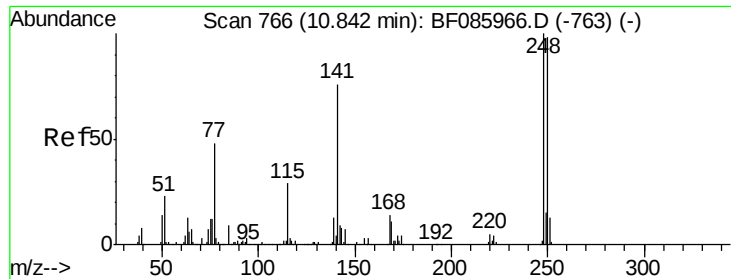


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

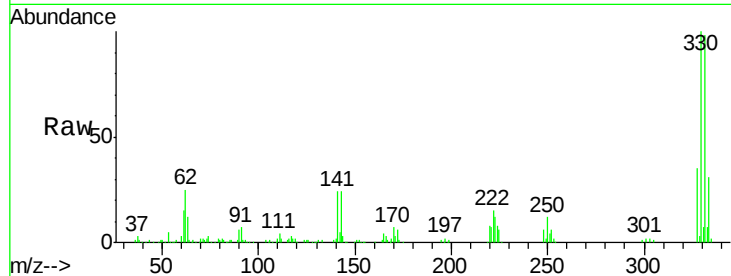




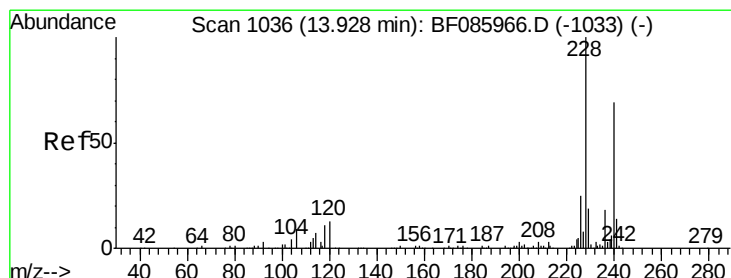
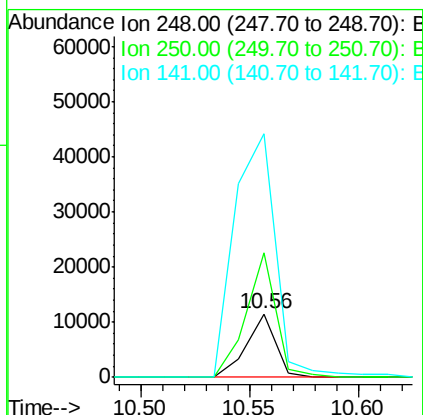
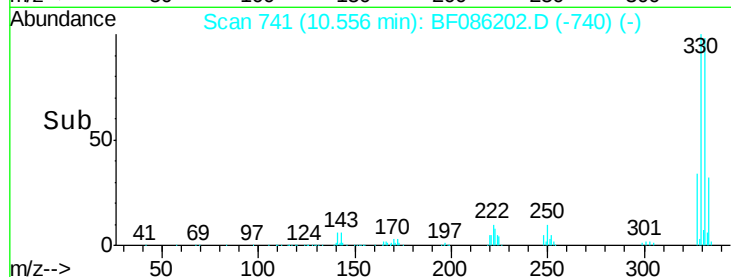
#66
 4-Bromophenyl-phenylether
 Concen: 3.60 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.29 min
 Lab File: BF086202.D
 Acq: 9 Apr 2016 7:10

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-21(0.5-20.0)

Tgt Ion:248 Resp: 10731
 Ion Ratio Lower Upper
 248 100
 250 197.3 77.4 116.0#
 141 385.8 63.6 95.4#

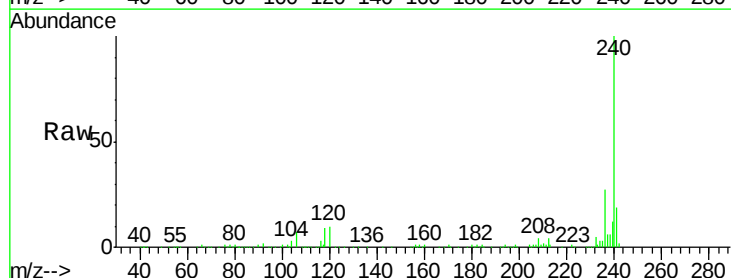


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

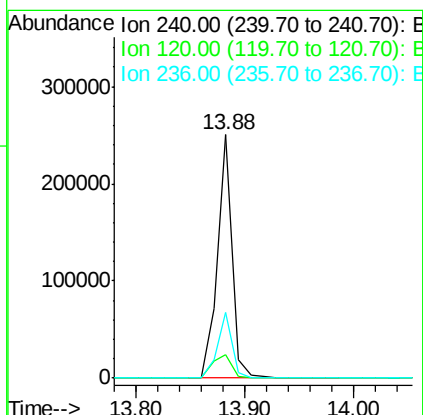
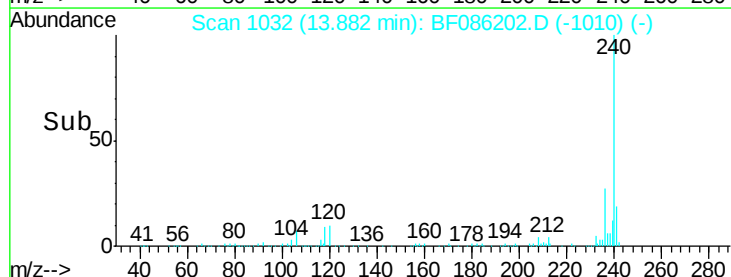


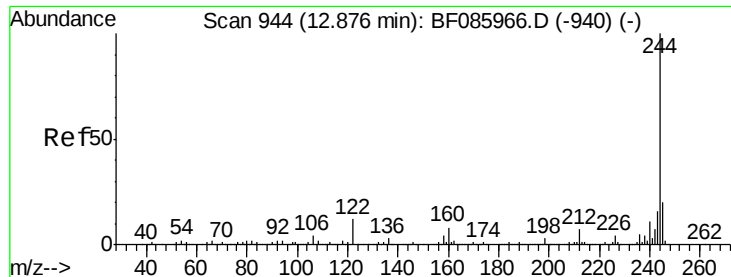
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.05 min
 Lab File: BF086202.D
 Acq: 9 Apr 2016 7:10

Tgt Ion:240 Resp: 237809
 Ion Ratio Lower Upper
 240 100
 120 9.8 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: 59.23 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-21(0.5-20.0)

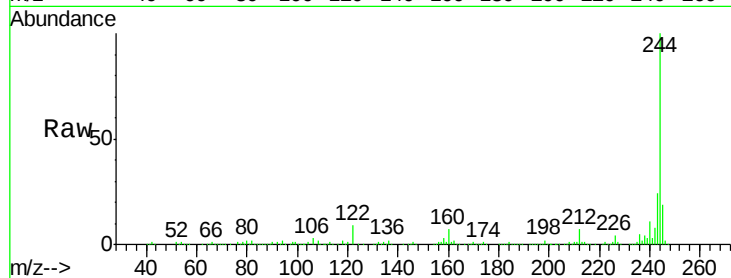
Tgt Ion:244 Resp: 599237

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

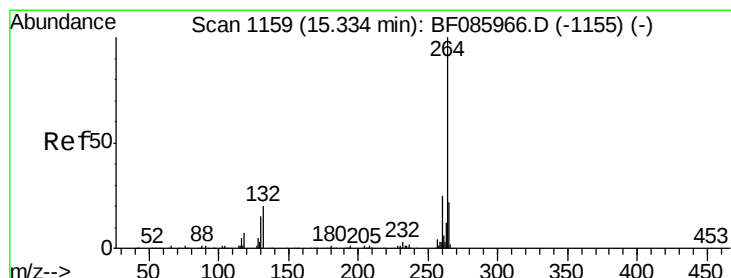
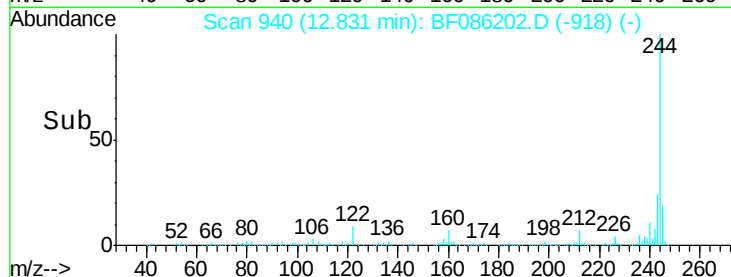
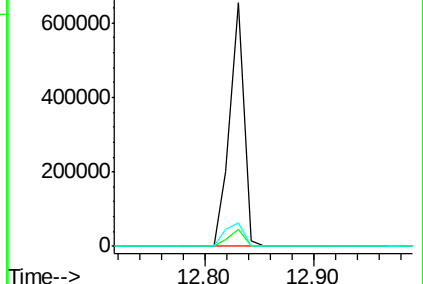
122 9.4 10.2 15.4#



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: 15.28 min Scan# 1154

Delta R.T. -0.06 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

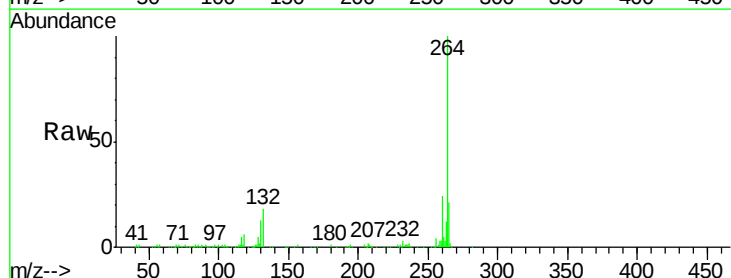
Tgt Ion:264 Resp: 189696

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

