

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086200.D
 Acq On : 9 Apr 2016 6:14
 Operator : UM/SJ
 Sample : H2373-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-01(0.5-20.0)

Quant Time: Apr 11 00:37:20 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	113056	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	415969	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	168055	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	274258	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	221167	20.00	ng	-0.05
86) Perylene-d12	15.28	264	173545	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	898347	135.82	ng	-0.03
7) Phenol-d6	6.38	99	1136525	135.28	ng	-0.03
23) Nitrobenzene-d5	7.30	82	642859	91.14	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	192750	122.20	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1041905	103.08	ng	-0.05
78) Terphenyl-d14	12.83	244	758742	80.64	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	18235	4.03	ng	87
19) n-Nitroso-di-n-propylamine	7.30	70	85721	16.46	ng	# 77
25) Isophorone	7.30	82	637613	45.79	ng	# 68
49) Dimethylphthalate	9.49	163	125805	10.10	ng	98
56) 2,4-Dinitrotoluene	9.77	165	21166	6.36	ng	# 35
66) 4-Bromophenyl-phenylether	10.56	248	12921	4.61	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086200.D

Acq: 9 Apr 2016 6:14

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-01(0.5-20.0)

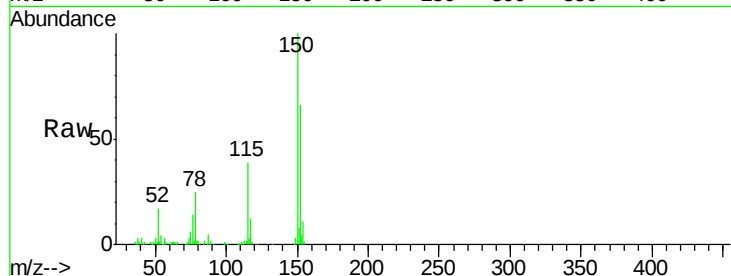
Tgt Ion:152 Resp: 113056

Ion Ratio Lower Upper

152 100

150 152.3 124.2 186.2

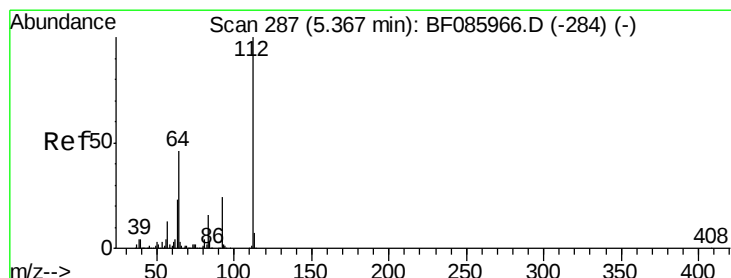
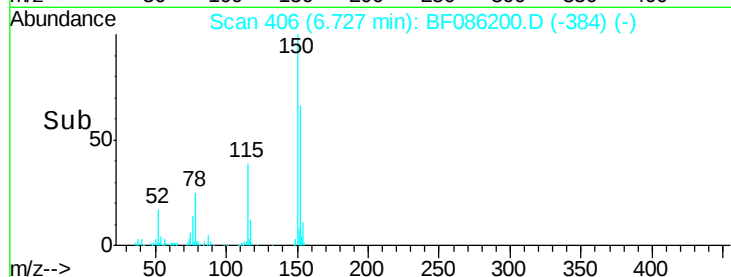
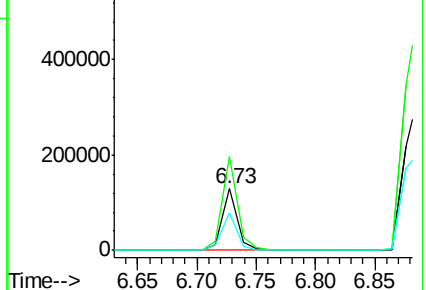
115 60.1 47.0 70.6



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: 135.82 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086200.D

Acq: 9 Apr 2016 6:14

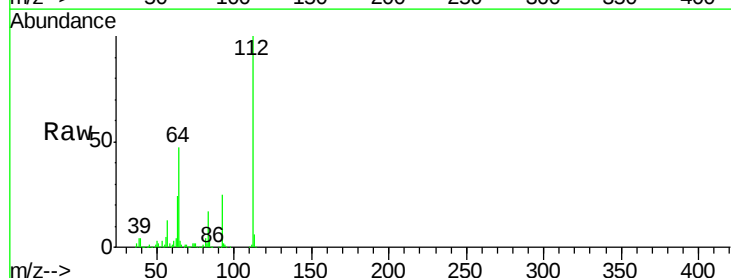
Tgt Ion:112 Resp: 898347

Ion Ratio Lower Upper

112 100

64 46.7 39.9 59.9

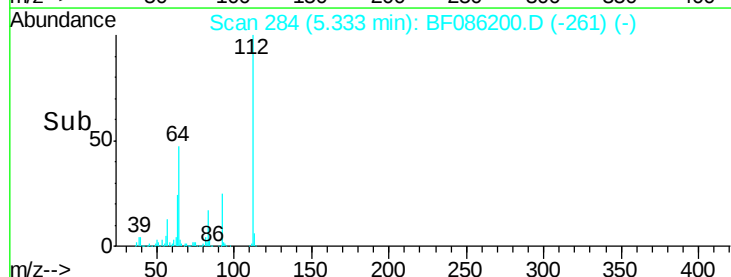
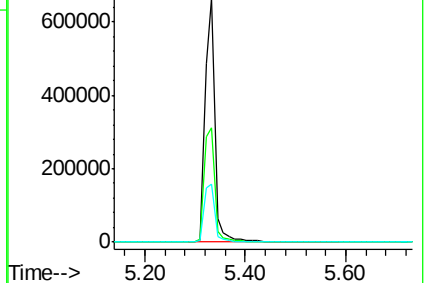
63 24.1 20.2 30.2

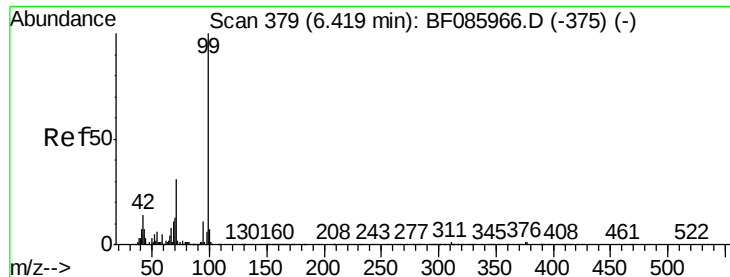


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.28 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086200.D

Acq: 9 Apr 2016 6:14

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-01(0.5-20.0)

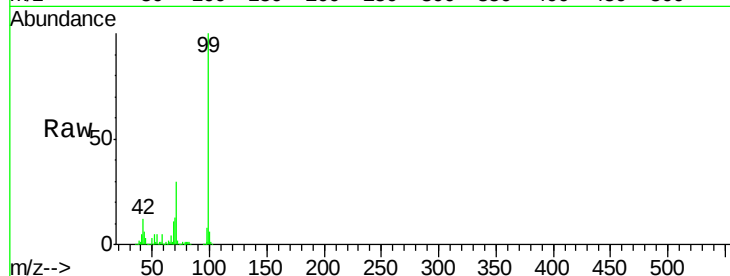
Tgt Ion: 99 Resp: 1136525

Ion Ratio Lower Upper

99 100

42 12.4 11.1 16.7

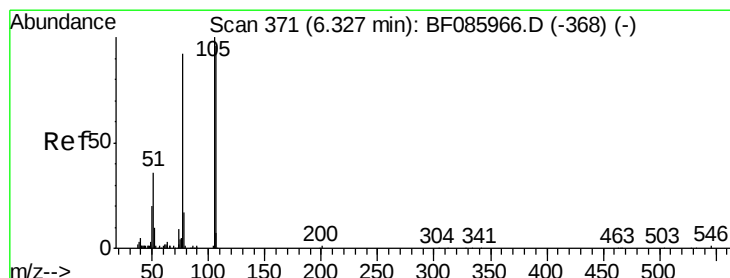
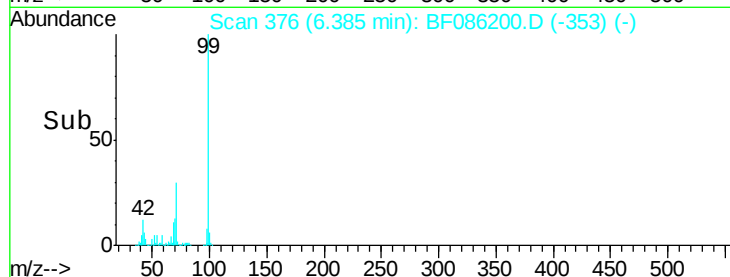
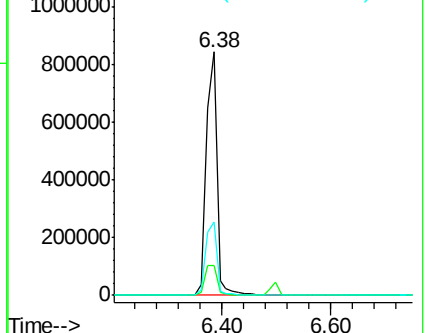
71 29.9 24.9 37.3



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: 4.03 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.17 min

Lab File: BF086200.D

Acq: 9 Apr 2016 6:14

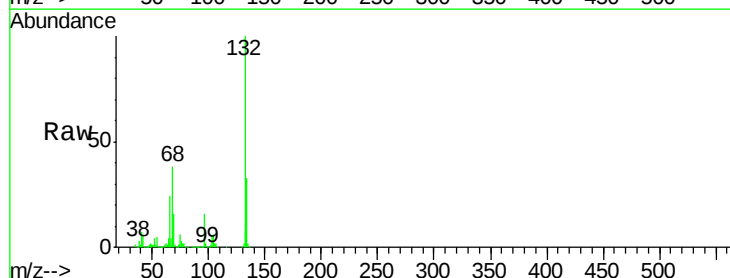
Tgt Ion: 77 Resp: 18235

Ion Ratio Lower Upper

77 100

105 84.2 80.1 120.1

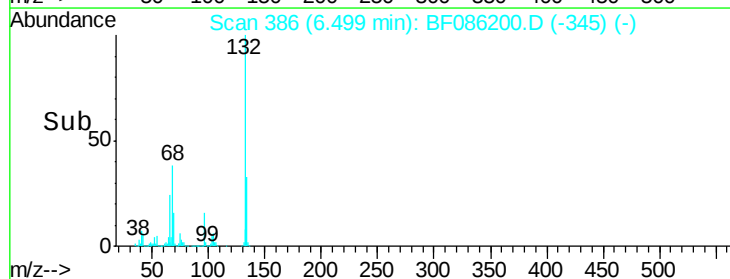
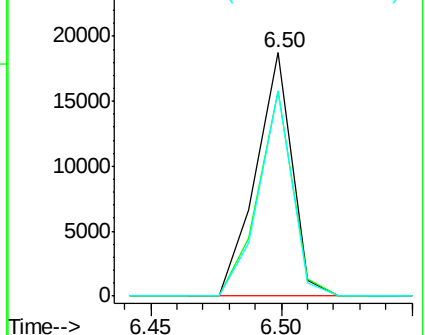
106 84.4 75.0 115.0

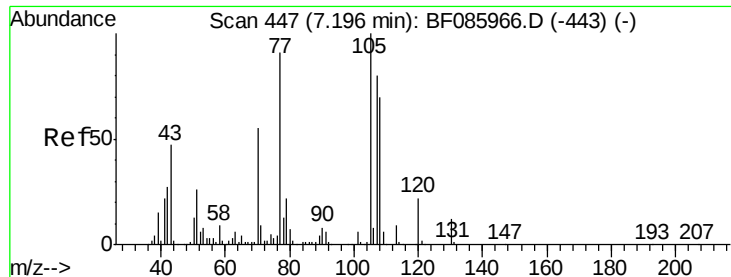


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

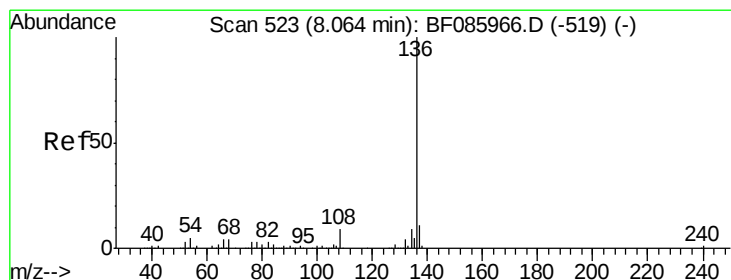
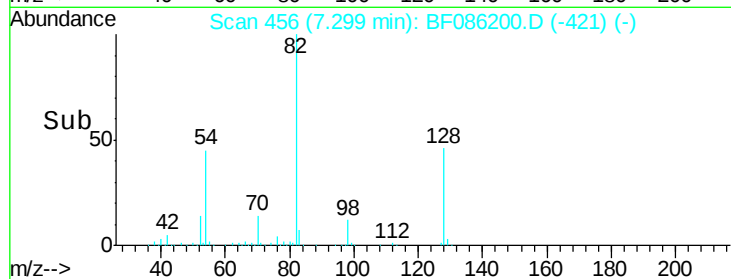
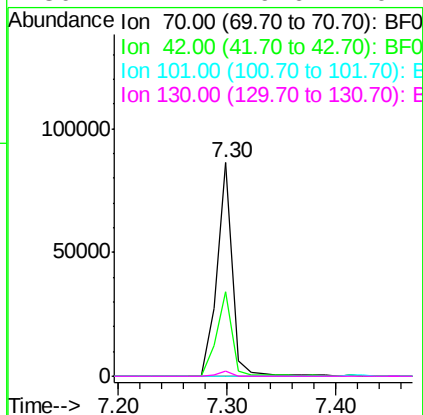
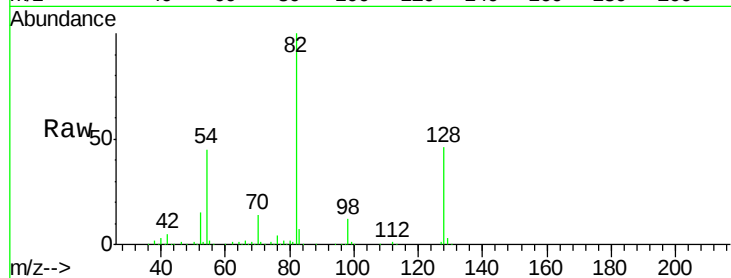




#19
n-Nitroso-di-n-propylamine
Concen: 16.46 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.10 min
Lab File: BF086200.D
Acq: 9 Apr 2016 6:14

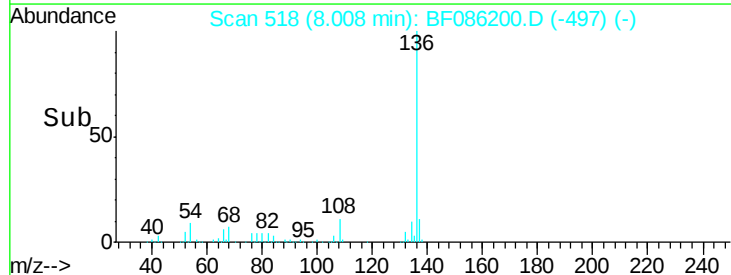
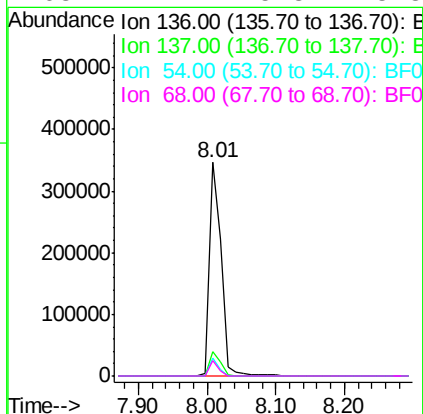
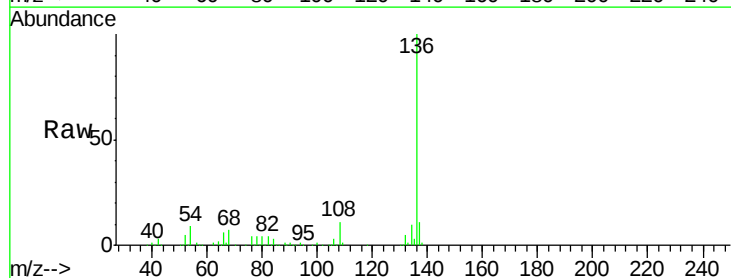
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-01(0.5-20.0)

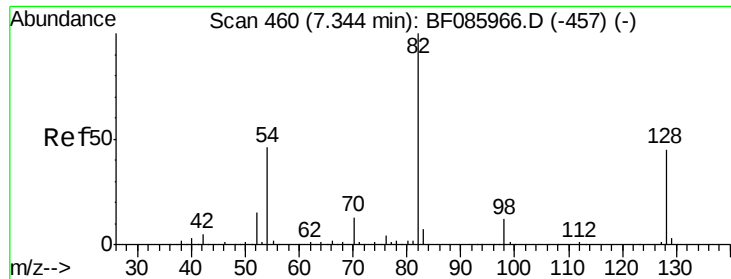
Tgt Ion: 70 Resp: 85721
Ion Ratio Lower Upper
70 100
42 39.3 37.1 55.7
101 0.0 8.6 12.8#
130 2.4 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086200.D
Acq: 9 Apr 2016 6:14

Tgt Ion: 136 Resp: 415969
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.7 7.4 11.0
68 7.1 5.8 8.8

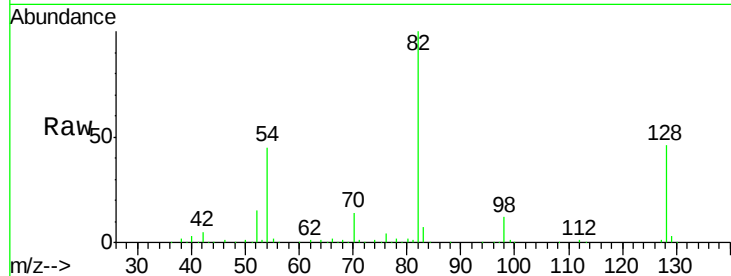




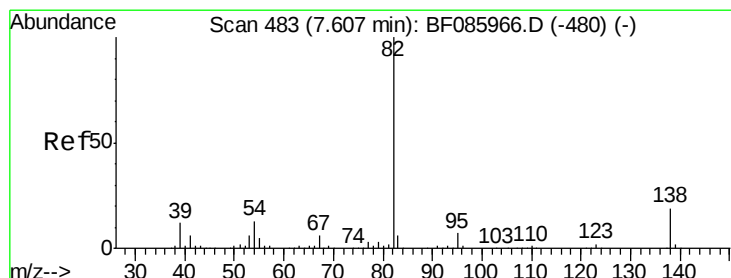
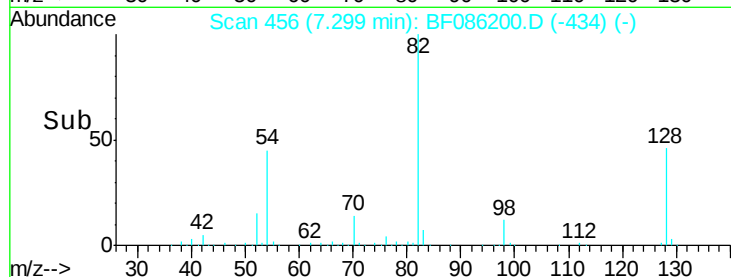
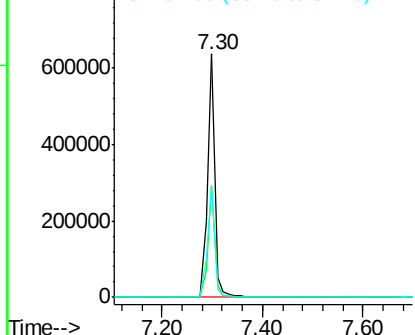
#23
 Nitrobenzene-d5
 Concen: 91.14 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086200.D
 Acq: 9 Apr 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-01(0.5-20.0)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	41.8	62.8
54	45.4	33.4	50.0

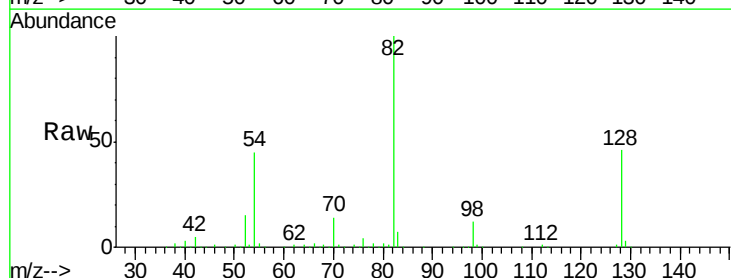


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

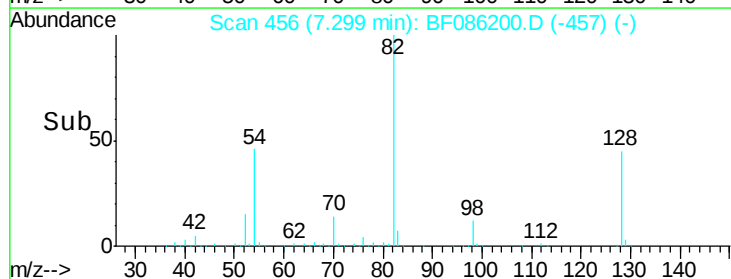
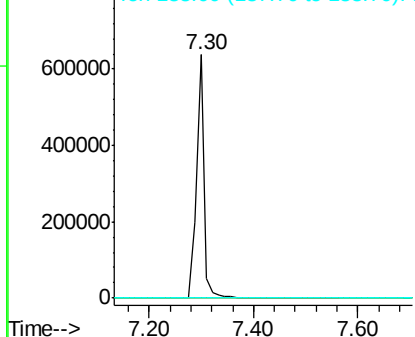


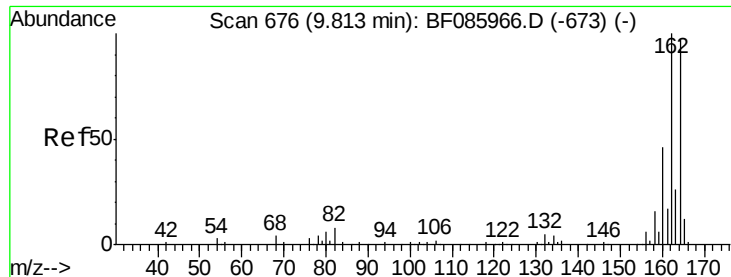
#25
 Isophorone
 Concen: 45.79 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.31 min
 Lab File: BF086200.D
 Acq: 9 Apr 2016 6:14

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): B

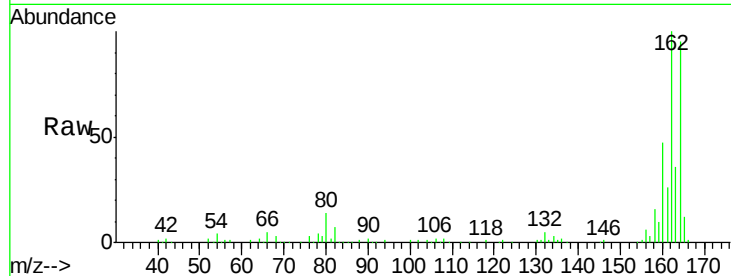




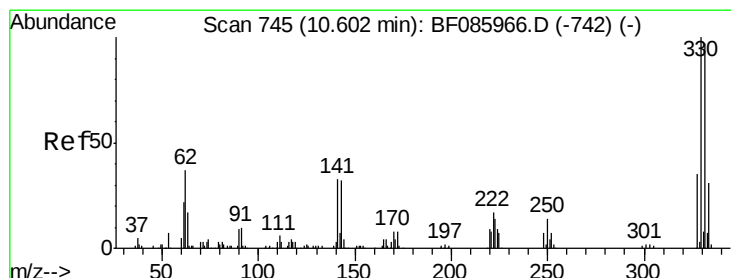
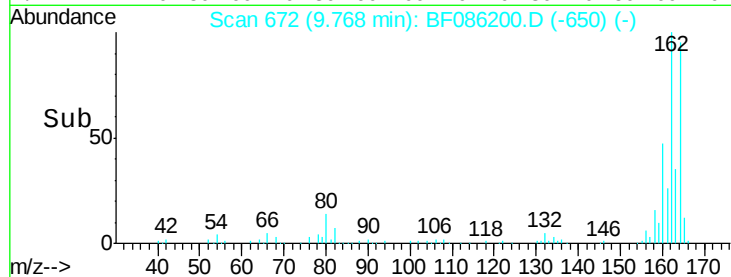
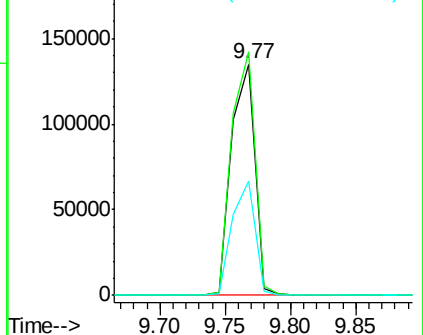
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086200.D
 Acq: 9 Apr 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-01(0.5-20.0)

Tgt Ion:164 Resp: 168055
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.1 123.1
 160 49.7 37.4 56.2

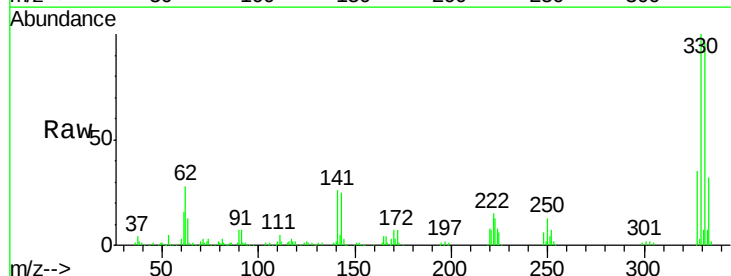


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

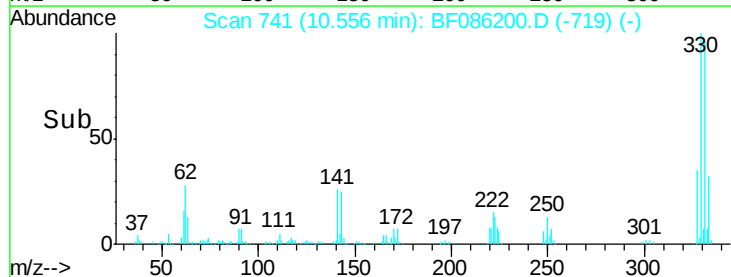
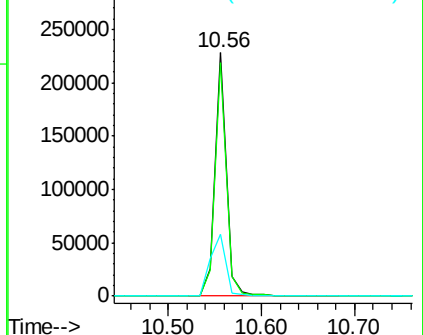


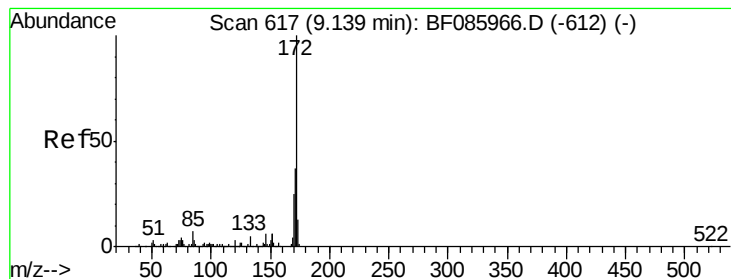
#41
 2,4,6-Tribromophenol
 Concen: 122.20 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086200.D
 Acq: 9 Apr 2016 6:14

Tgt Ion:330 Resp: 192750
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.2 117.2
 141 35.8 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: 103.08 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.05 min

Lab File: BF086200.D

Acq: 9 Apr 2016 6:14

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-01(0.5-20.0)

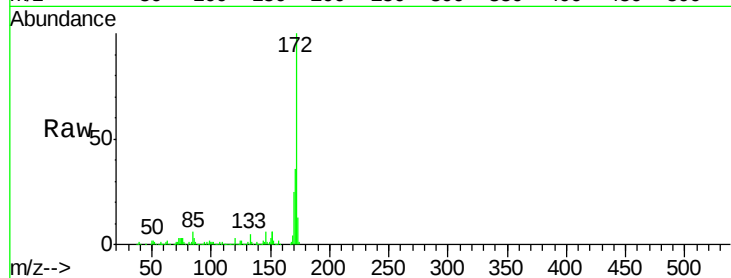
Tgt Ion:172 Resp: 1041905

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.2

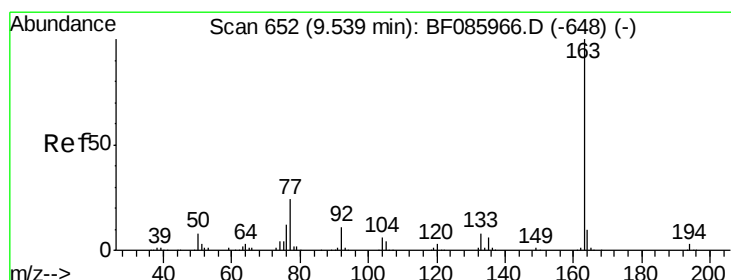
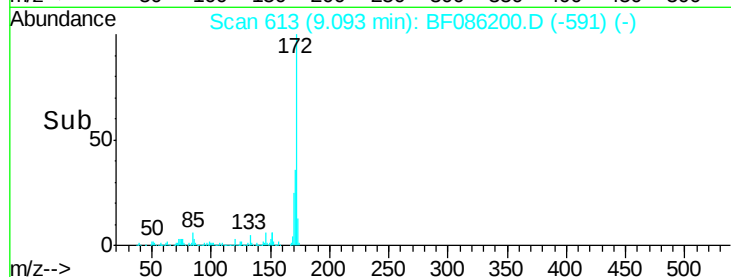
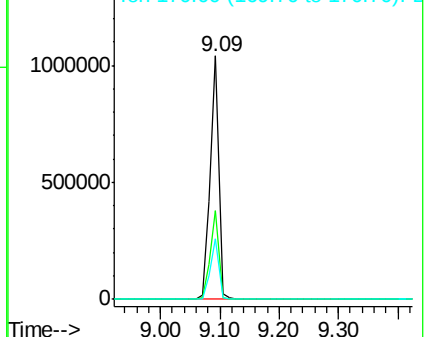
170 24.7 19.8 29.6



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: 10.10 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086200.D

Acq: 9 Apr 2016 6:14

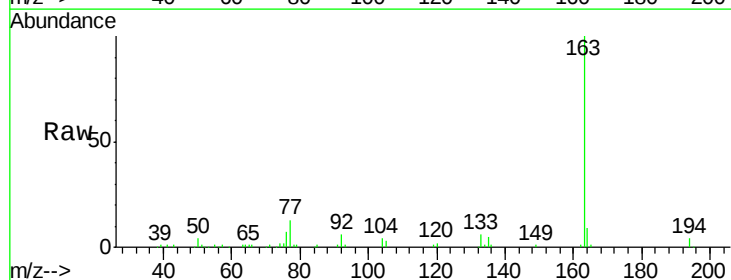
Tgt Ion:163 Resp: 125805

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

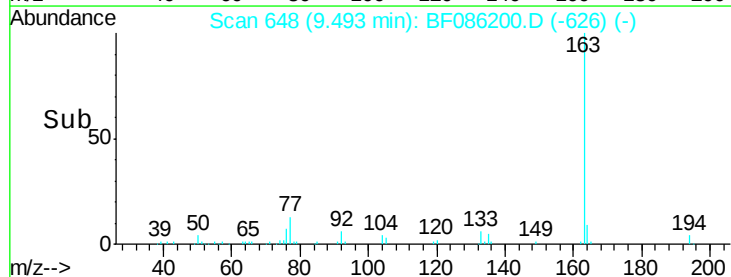
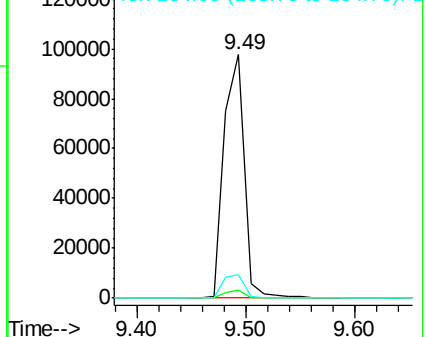
164 9.5 8.3 12.5

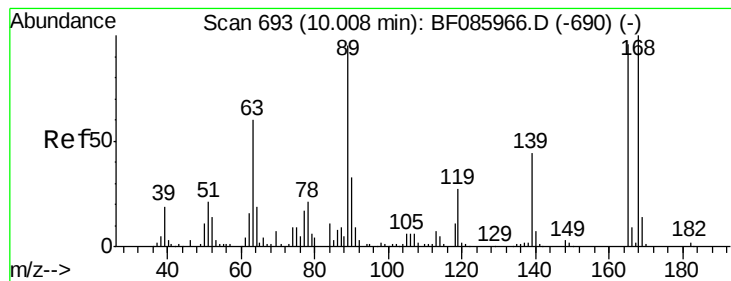


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

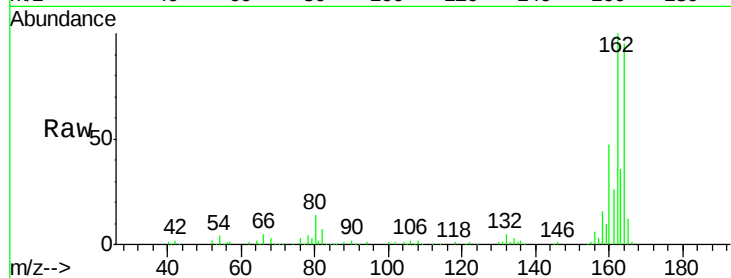




#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.24 min
 Lab File: BF086200.D
 Acq: 9 Apr 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-01(0.5-20.0)

Tgt 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#



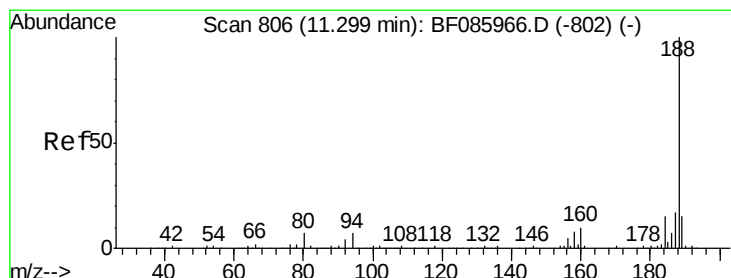
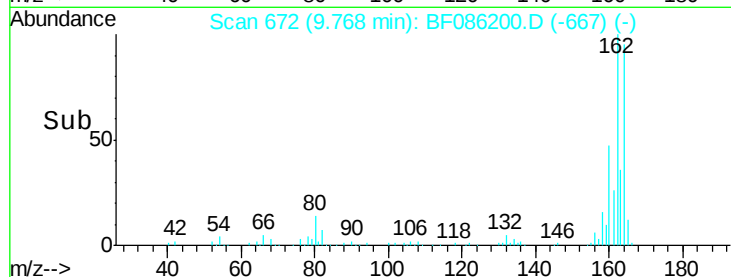
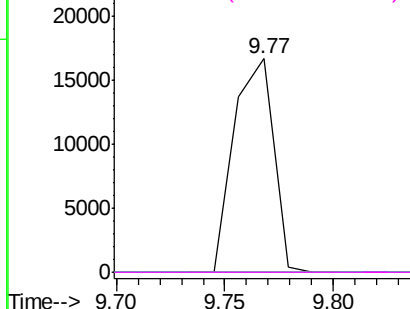
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

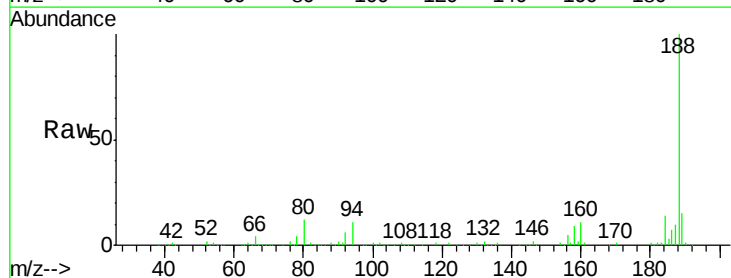
Ion 89.00 (88.70 to 89.70): BF0

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: BF086200.D
 Acq: 9 Apr 2016 6:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	5.4	8.0#
80	12.1	5.5	8.3#

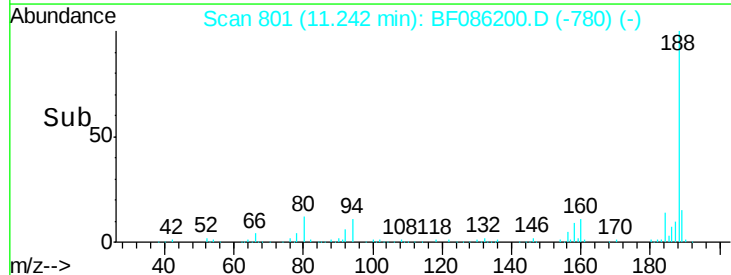
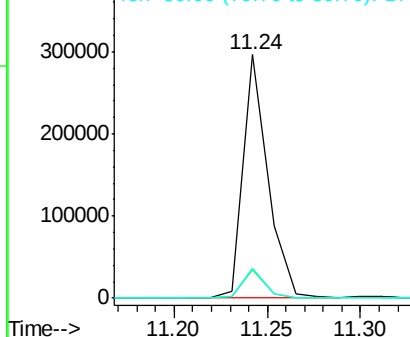


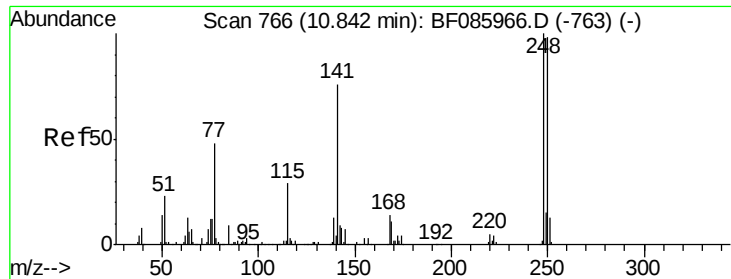
Abundance

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: 4.61 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.29 min

Lab File: BF086200.D

Acq: 9 Apr 2016 6:14

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-01(0.5-20.0)

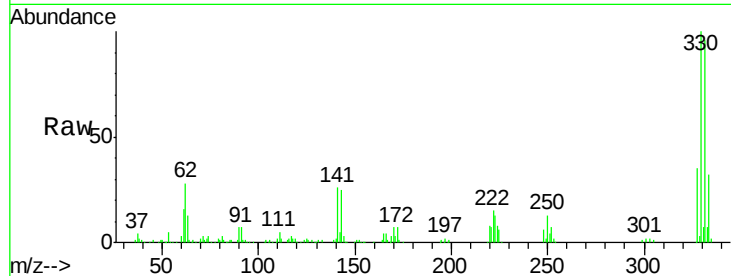
Tgt Ion:248 Resp: 12921

Ion Ratio Lower Upper

248 100

250 197.6 77.4 116.0#

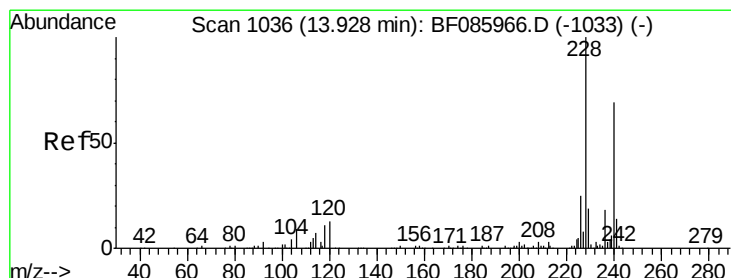
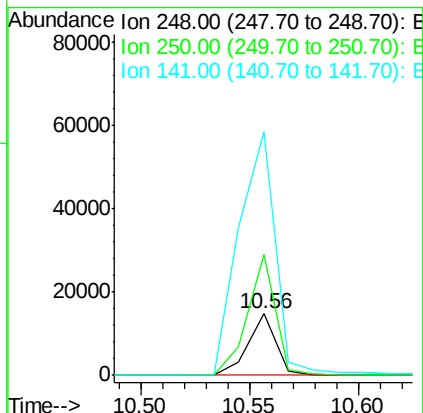
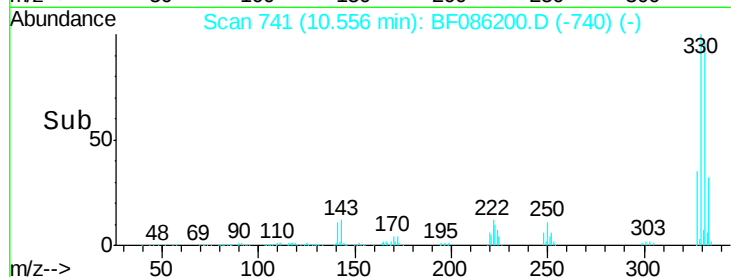
141 397.0 63.6 95.4#



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: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086200.D

Acq: 9 Apr 2016 6:14

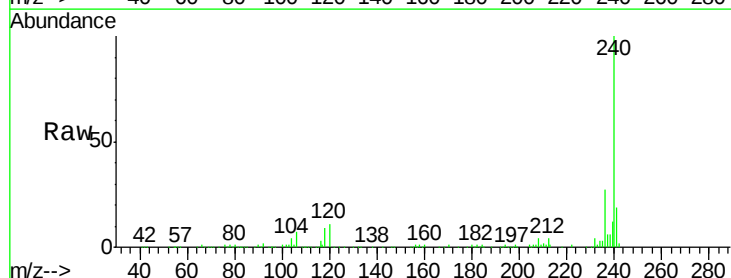
Tgt Ion:240 Resp: 221167

Ion Ratio Lower Upper

240 100

120 10.6 13.8 20.8#

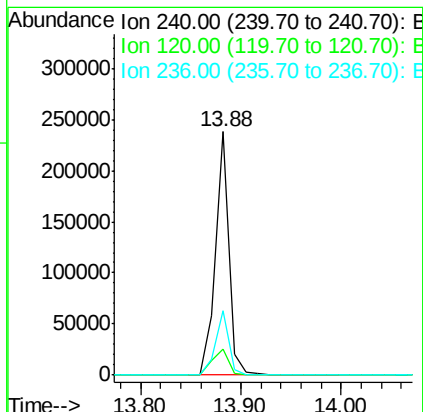
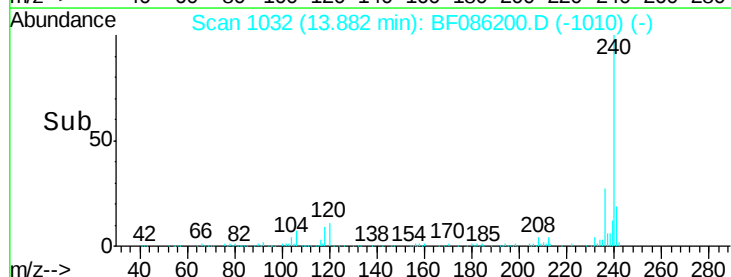
236 26.6 20.6 30.8

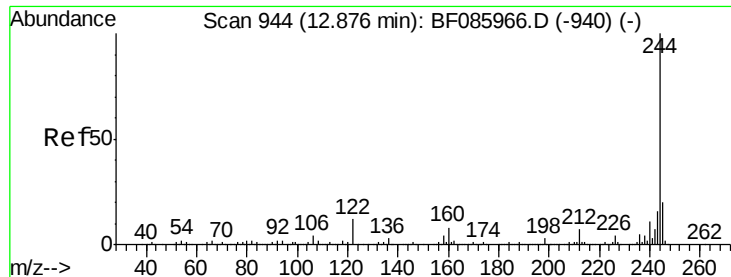


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

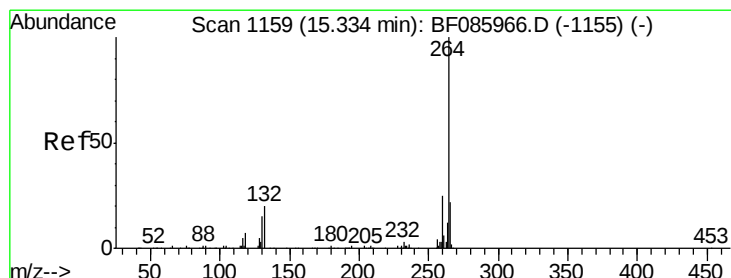
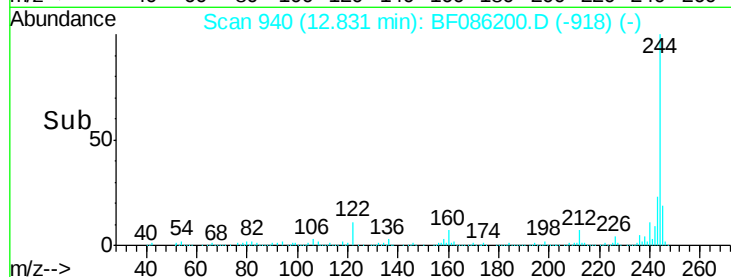
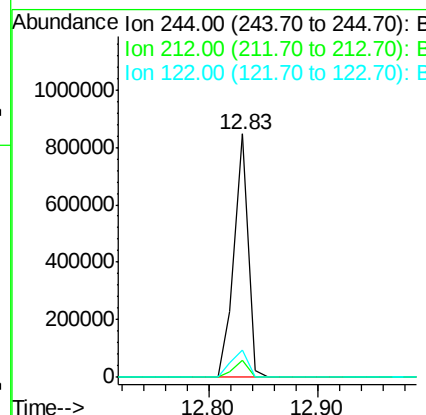
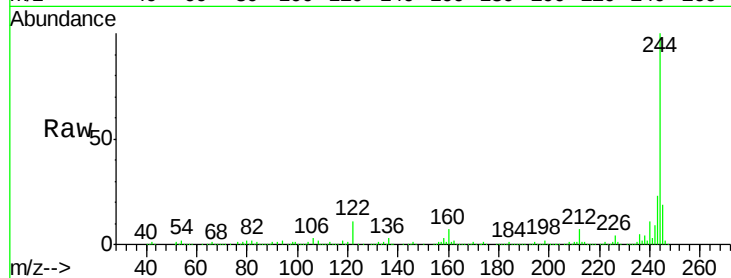




#78
 Terphenyl-d14
 Concen: 80.64 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.05 min
 Lab File: BF086200.D
 Acq: 9 Apr 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-01(0.5-20.0)

Tgt Ion:244 Resp: 758742
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.0 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: BF086200.D
 Acq: 9 Apr 2016 6:14

Tgt Ion:264 Resp: 173545
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.1 17.2 25.8

