

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085956.D
 Acq On : 1 Apr 2016 5:00
 Operator : UM/SJ
 Sample : H2046-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-31(0.5-15.0COMP)

Quant Time: Apr 01 04:22:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

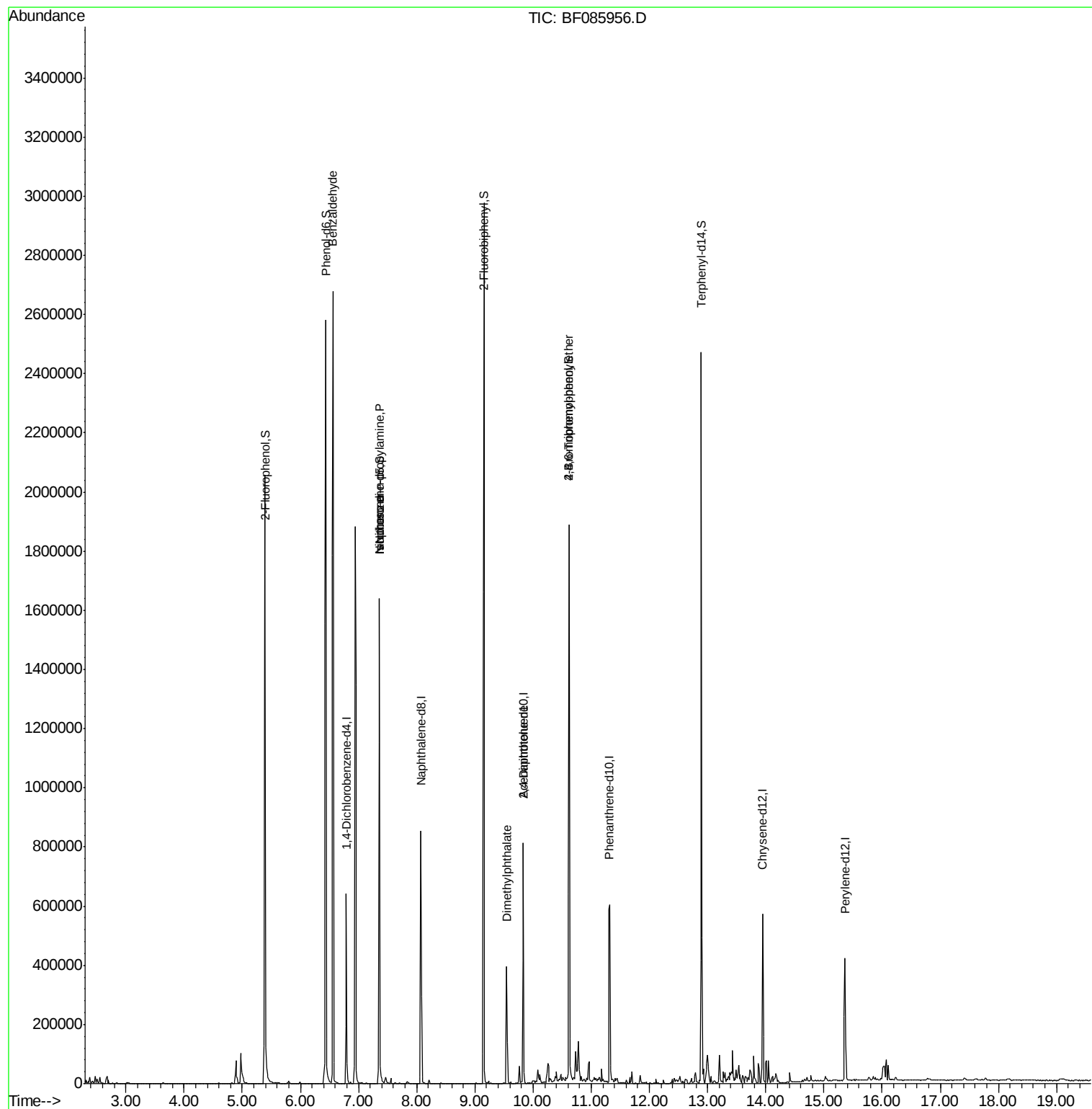
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106716	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	419893	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	184925	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	321008	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	197428	20.00	ng	-0.02
86) Perylene-d12	15.36	264	194925	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	928950	144.97	ng	0.00
7) Phenol-d6	6.44	99	1169250	143.52	ng	-0.01
23) Nitrobenzene-d5	7.36	82	731750	98.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	235692	134.14	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1129767	102.07	ng	-0.01
78) Terphenyl-d14	12.89	244	747928	77.91	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	20709	4.22	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.36	70	96035	19.69	ng	# 73
25) Isophorone	7.36	82	711765	49.55	ng	# 68
49) Dimethylphthalate	9.54	163	170733	12.17	ng	99
56) 2,4-Dinitrotoluene	9.83	165	23496	6.12	ng	# 36
66) 4-Bromophenyl-phenylether	10.62	248	15969	4.86	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: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085956.D

Acq: 1 Apr 2016 5:00

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-31(0.5-15.0COMP)

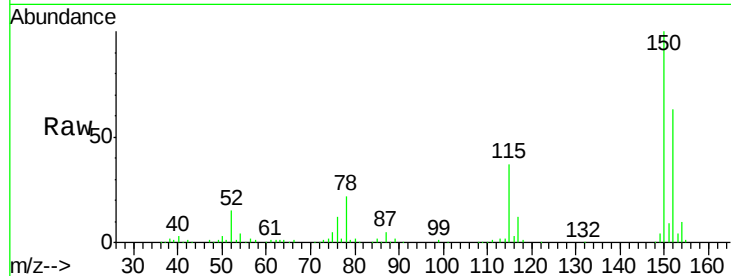
Tgt Ion:152 Resp: 106716

Ion Ratio Lower Upper

152 100

150 158.7 124.2 186.2

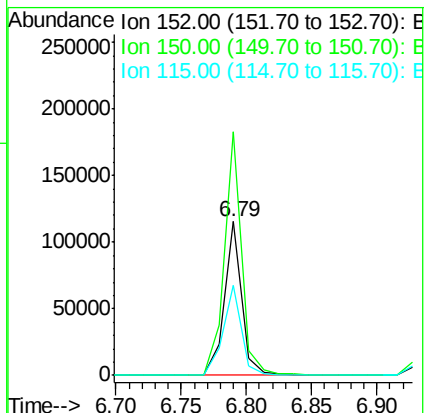
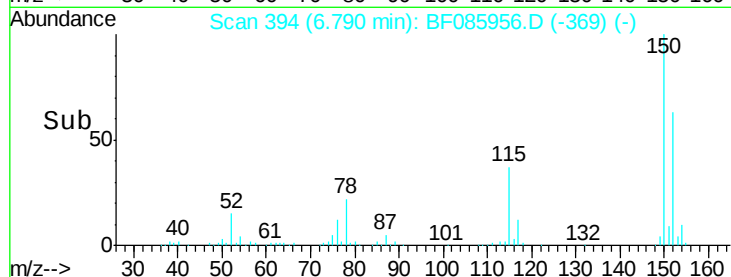
115 58.6 47.0 70.6



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: 144.97 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085956.D

Acq: 1 Apr 2016 5:00

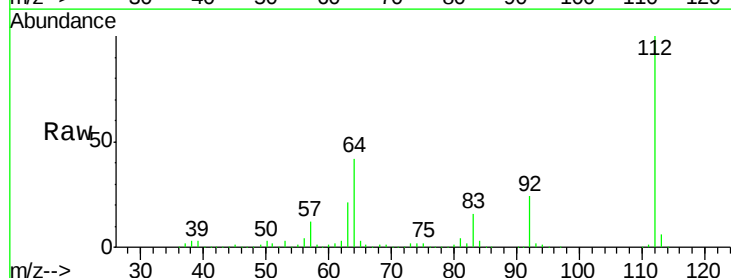
Tgt Ion:112 Resp: 928950

Ion Ratio Lower Upper

112 100

64 42.5 39.9 59.9

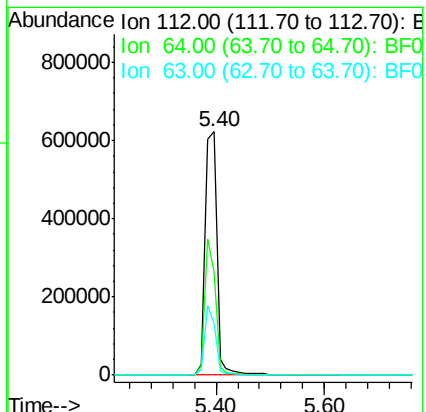
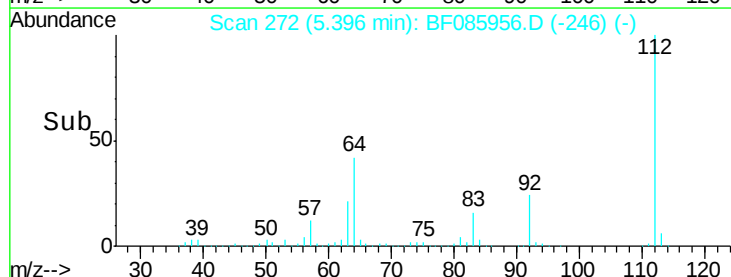
63 21.4 20.2 30.2



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: 143.52 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085956.D

Acq: 1 Apr 2016 5:00

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-31(0.5-15.0COMP)

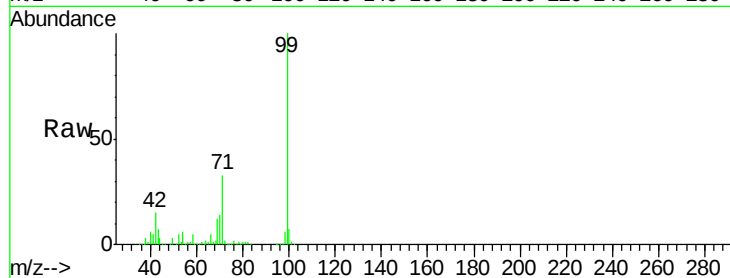
Tgt Ion: 99 Resp: 1169250

Ion Ratio Lower Upper

99 100

42 14.6 11.1 16.7

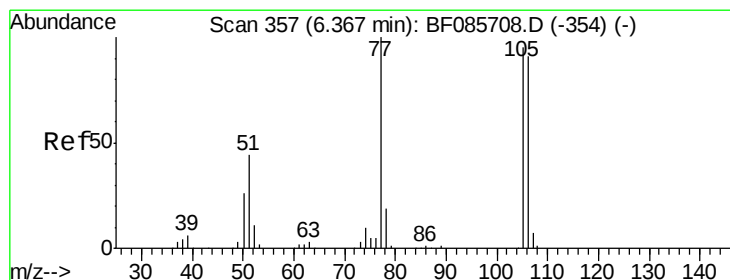
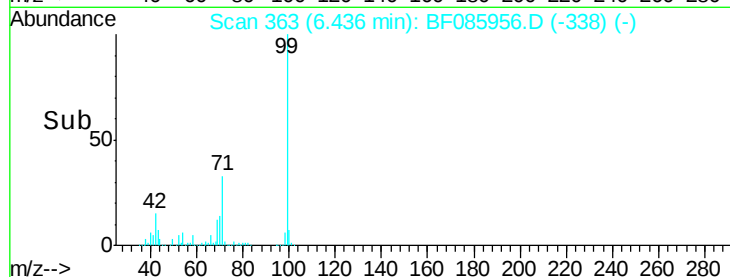
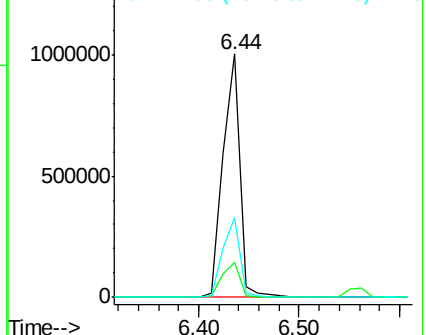
71 32.9 24.9 37.3



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: 4.22 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085956.D

Acq: 1 Apr 2016 5:00

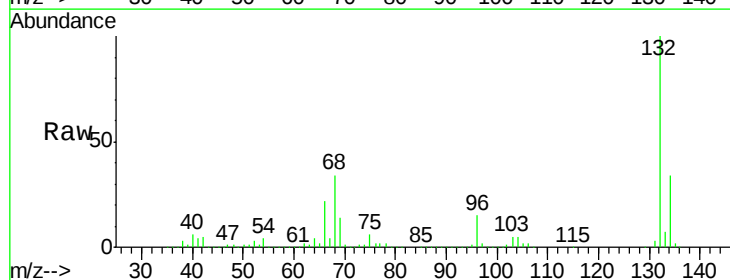
Tgt Ion: 77 Resp: 20709

Ion Ratio Lower Upper

77 100

105 89.7 80.1 120.1

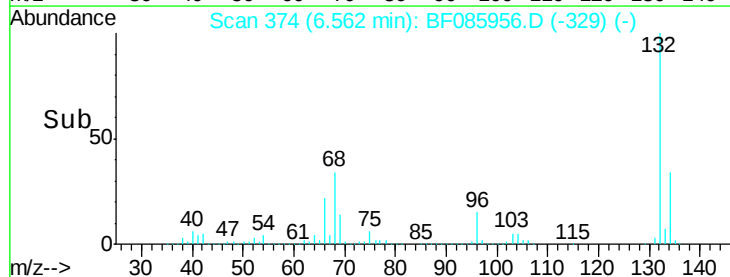
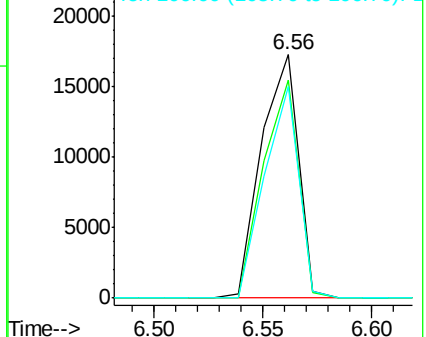
106 86.7 75.0 115.0

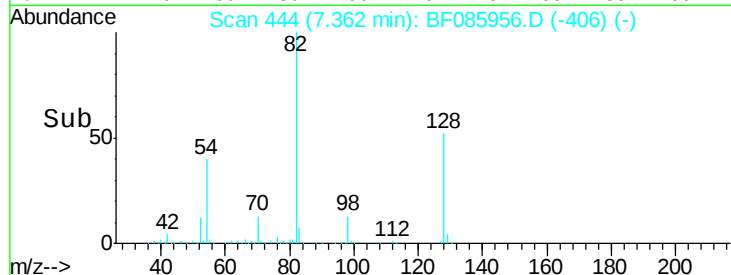
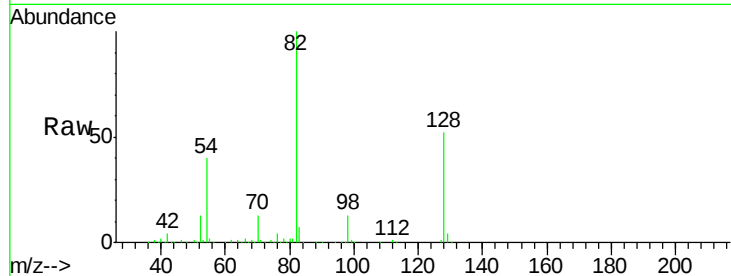
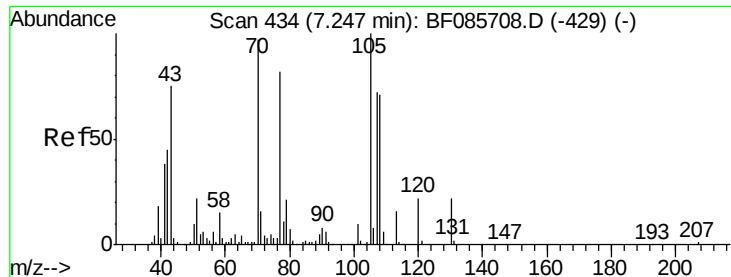


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

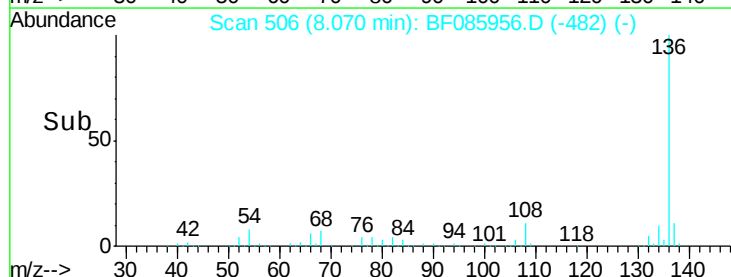
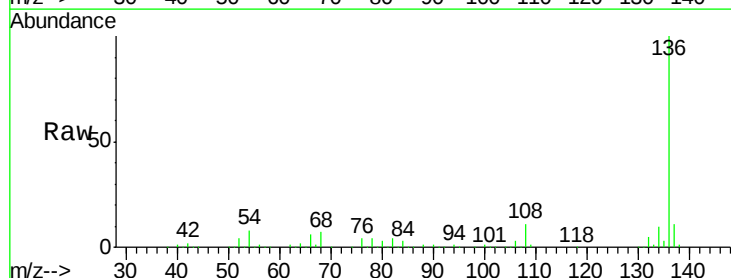
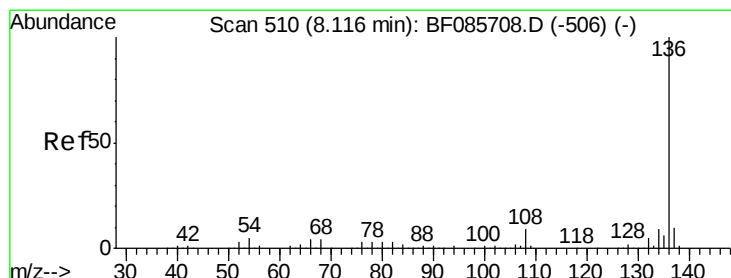
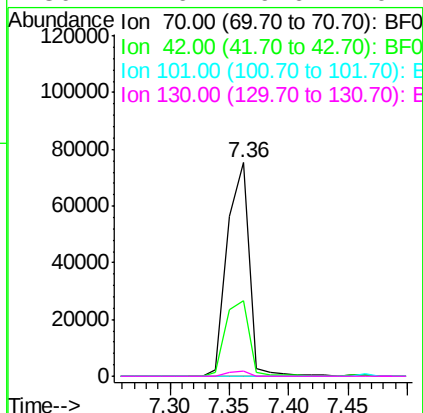




#19
n-Nitroso-di-n-propylamine
Concen: 19.69 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

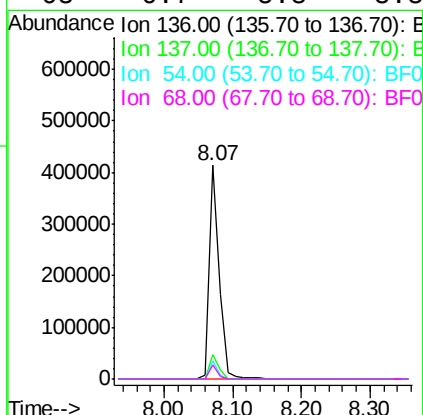
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-31(0.5-15.0COMP)

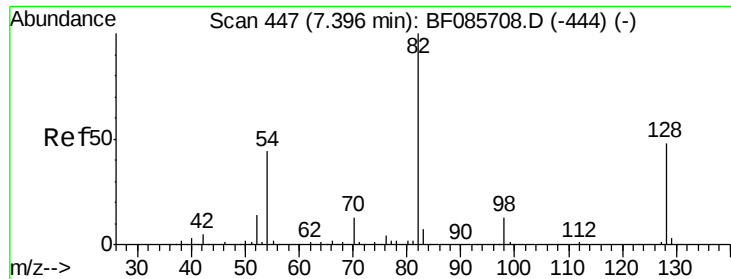
Tgt Ion: 70 Resp: 96035
Ion Ratio Lower Upper
70 100
42 35.2 37.1 55.7#
101 0.0 8.6 12.8#
130 2.6 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Tgt Ion: 136 Resp: 419893
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.3 7.4 11.0
68 6.7 5.8 8.8

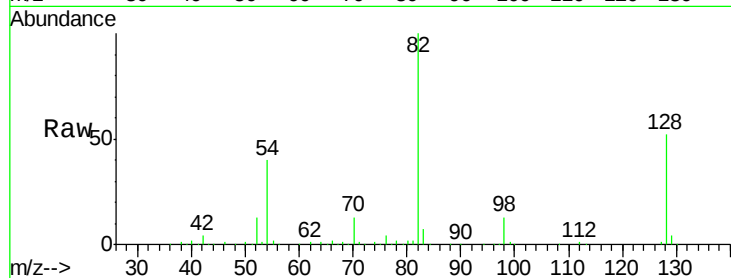




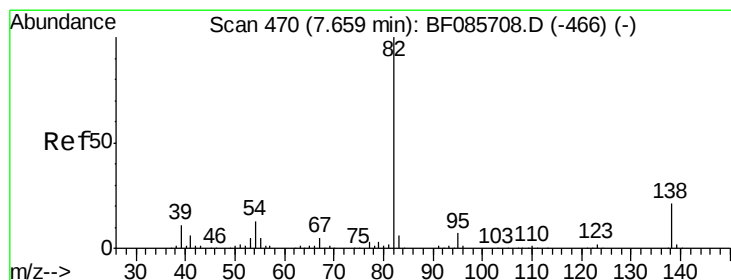
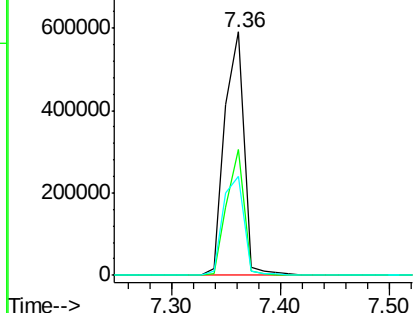
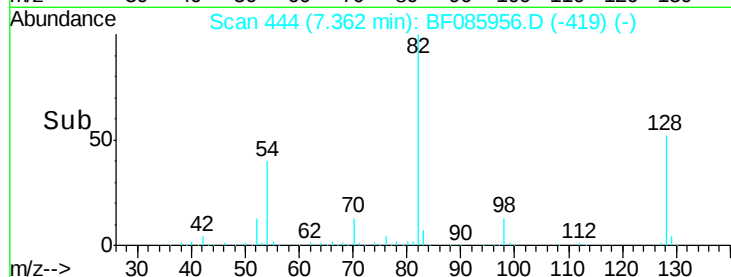
#23
 Nitrobenzene-d5
 Concen: 98.14 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085956.D
 Acq: 1 Apr 2016 5:00

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.7	41.8	62.8
54	40.4	33.4	50.0

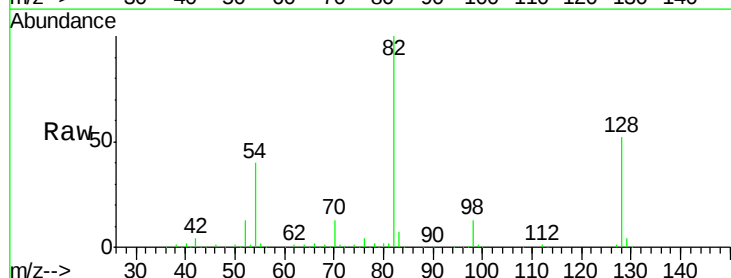


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

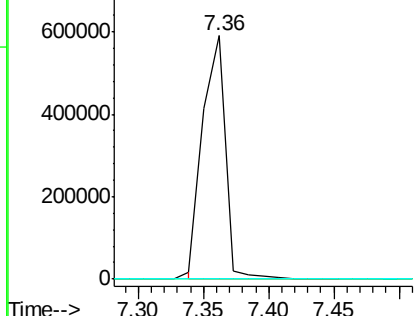
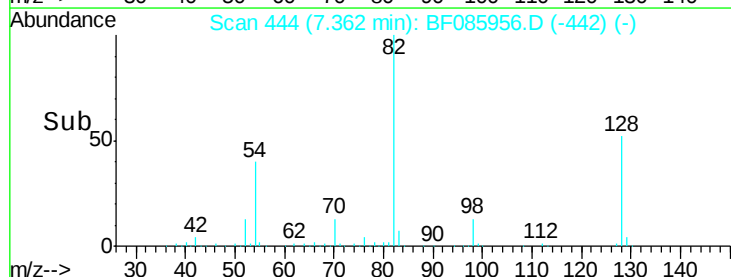


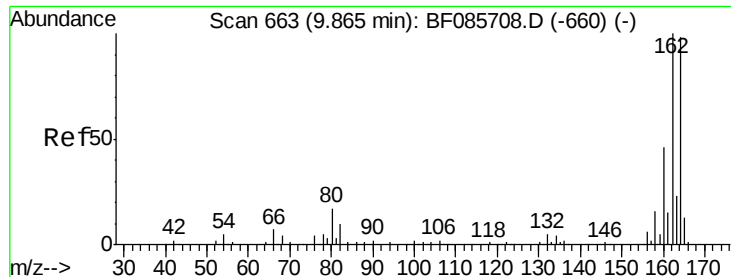
#25
 Isophorone
 Concen: 49.55 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.27 min
 Lab File: BF085956.D
 Acq: 1 Apr 2016 5:00

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: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085956.D

Acq: 1 Apr 2016 5:00

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-31(0.5-15.0COMP)

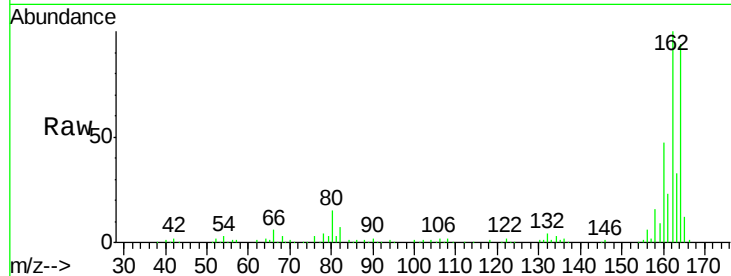
Tgt Ion:164 Resp: 184925

Ion Ratio Lower Upper

164 100

162 106.0 82.1 123.1

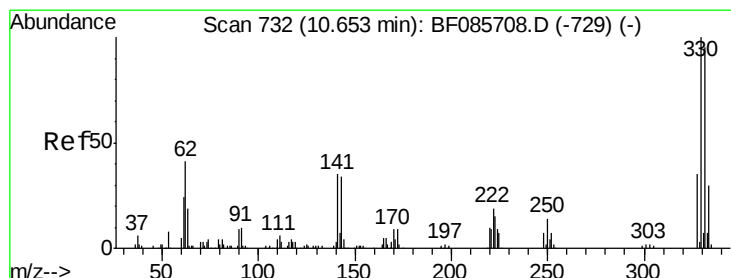
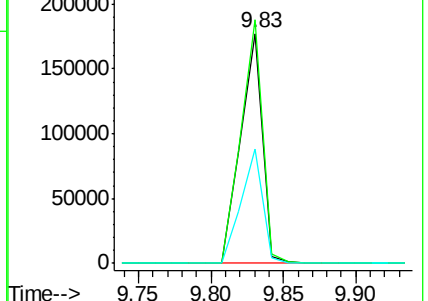
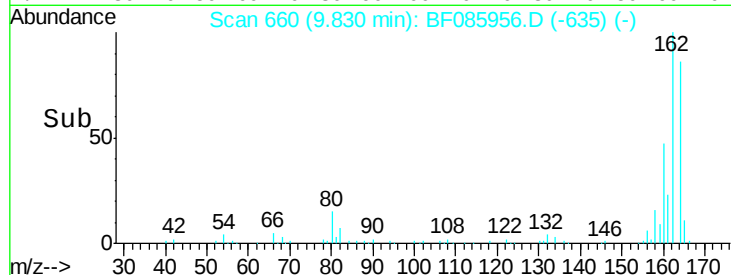
160 49.6 37.4 56.2



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: 134.14 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF085956.D

Acq: 1 Apr 2016 5:00

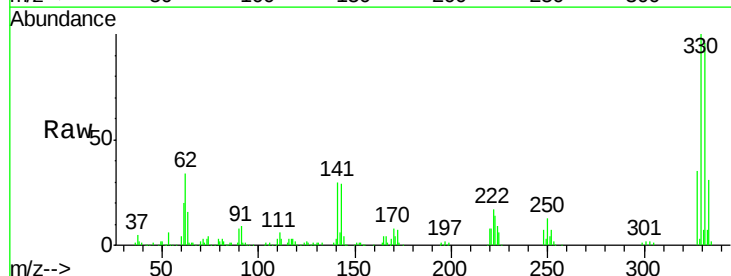
Tgt Ion:330 Resp: 235692

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.2

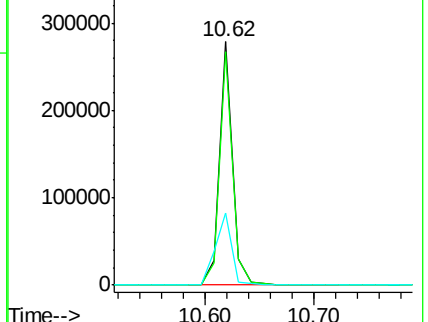
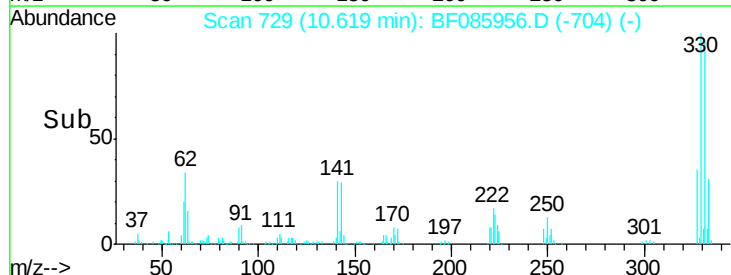
141 37.5 31.5 47.3

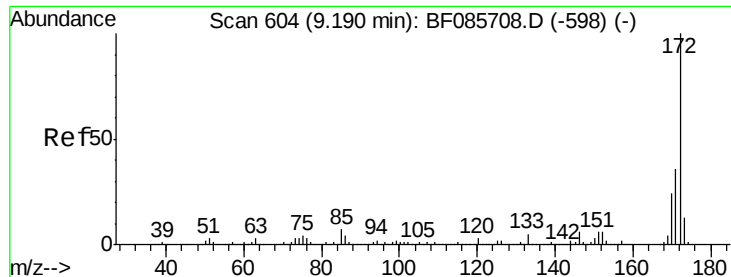


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

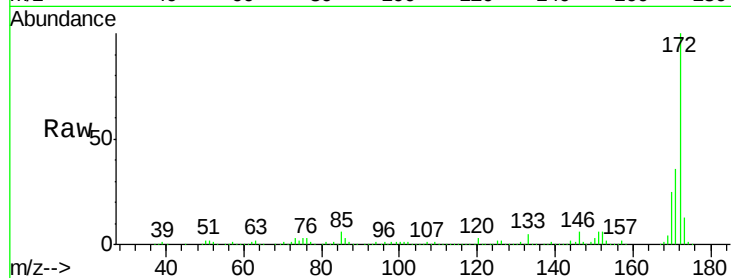




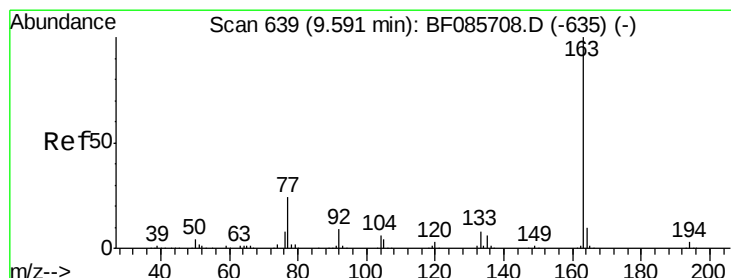
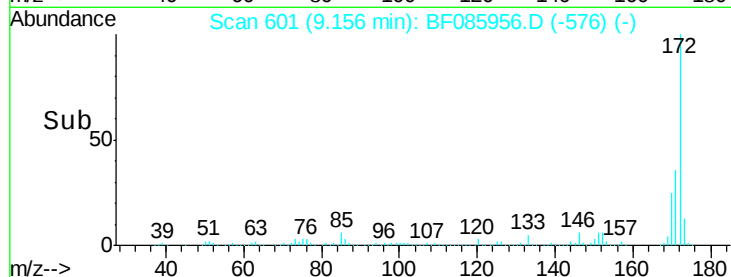
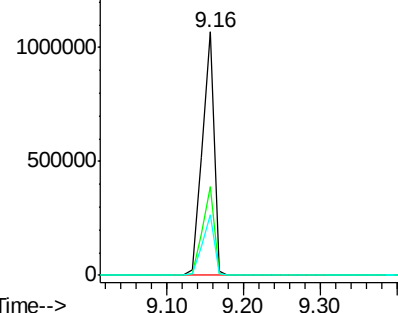
#44
 2-Fluorobiphenyl
 Concen: 102.07 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085956.D
 Acq: 1 Apr 2016 5:00

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion:172 Resp: 1129767
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.7 19.8 29.6

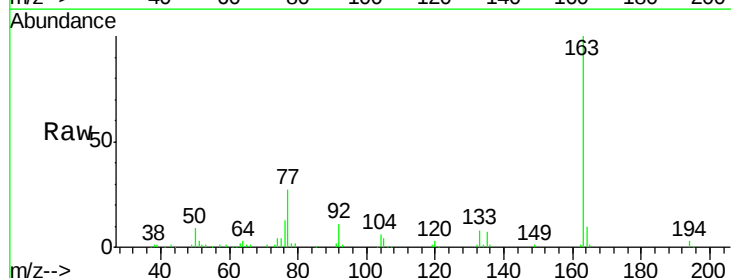


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

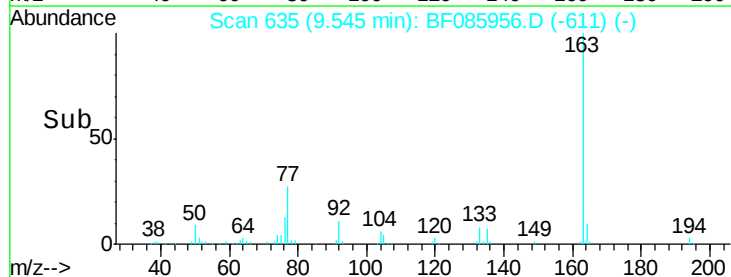
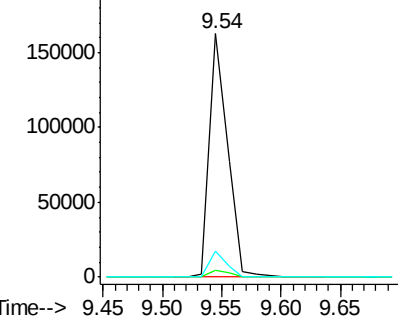


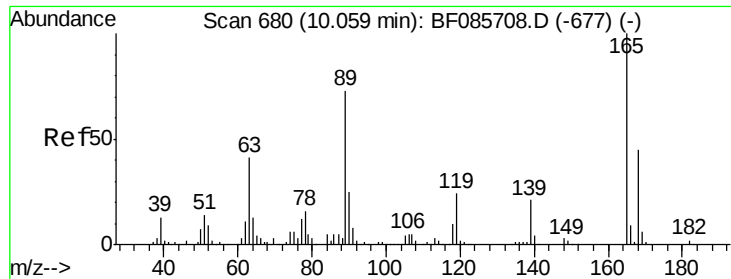
#49
 Dimethylphthalate
 Concen: 12.17 ng
 RT: 9.54 min Scan# 635
 Delta R.T. -0.02 min
 Lab File: BF085956.D
 Acq: 1 Apr 2016 5:00

Tgt Ion:163 Resp: 170733
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.9 4.3
 164 10.5 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

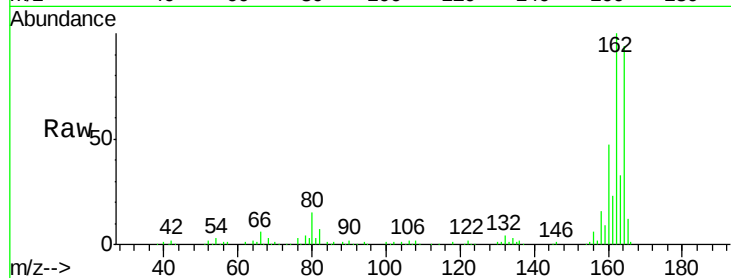




#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085956.D
 Acq: 1 Apr 2016 5:00

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion:	165	Resp:	23496
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#

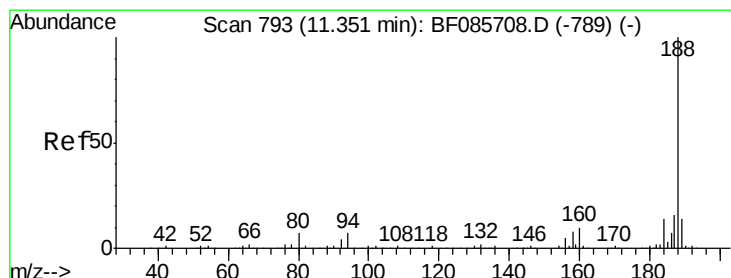
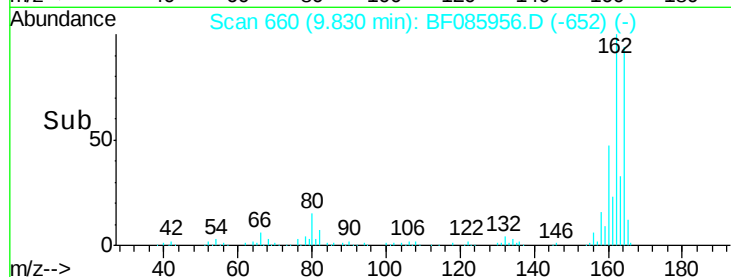
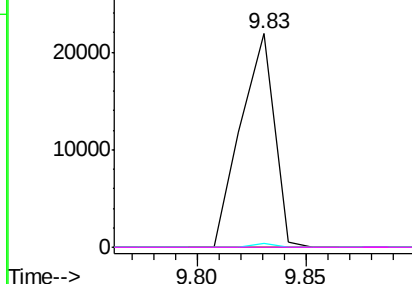


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

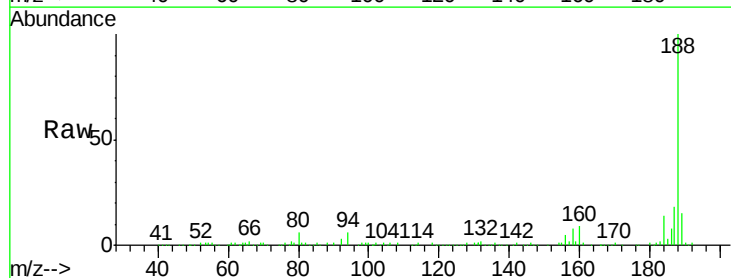
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085956.D
 Acq: 1 Apr 2016 5:00

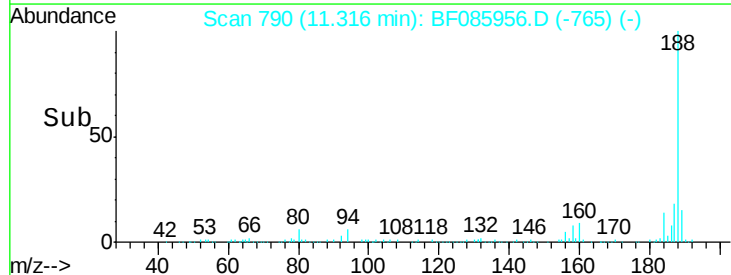
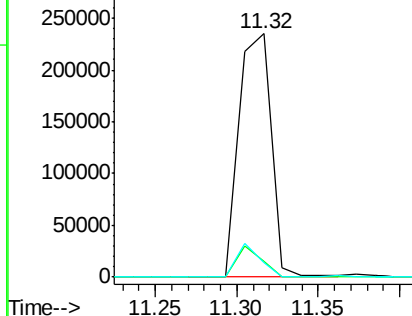
Tgt Ion:	188	Resp:	321008
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.4	8.0
80	6.1	5.5	8.3

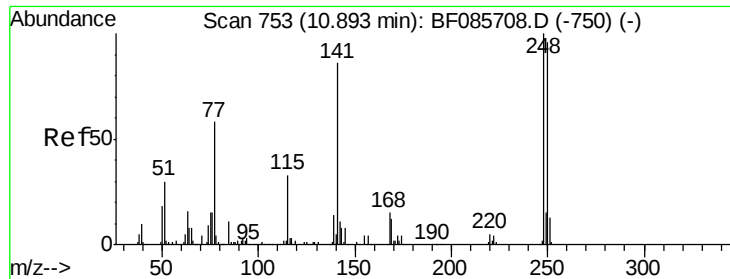


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

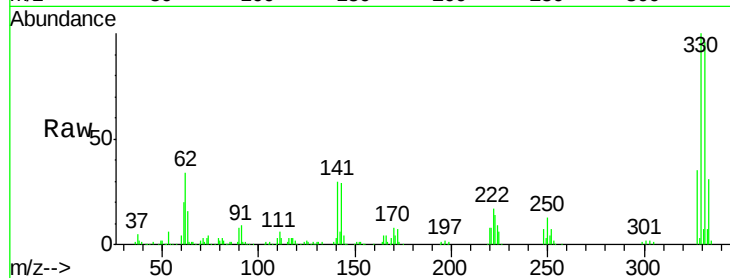




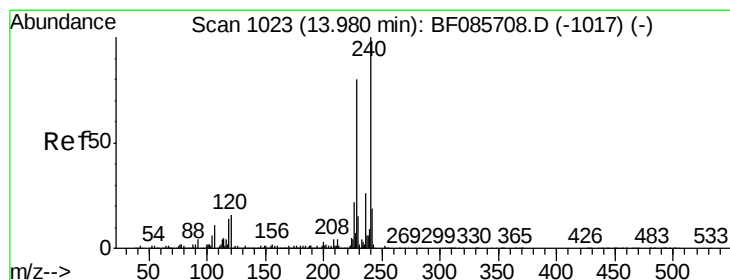
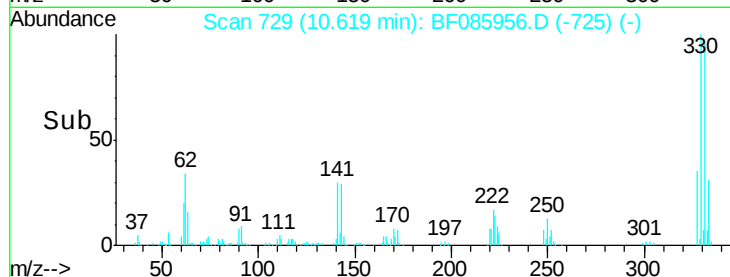
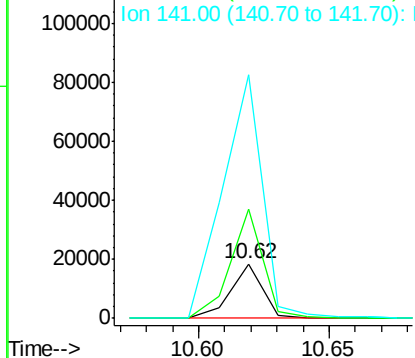
#66
4-Bromophenyl-phenylether
Concen: 4.86 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion:248 Resp: 15969
Ion Ratio Lower Upper
248 100
250 198.2 77.4 116.0#
141 444.2 63.6 95.4#

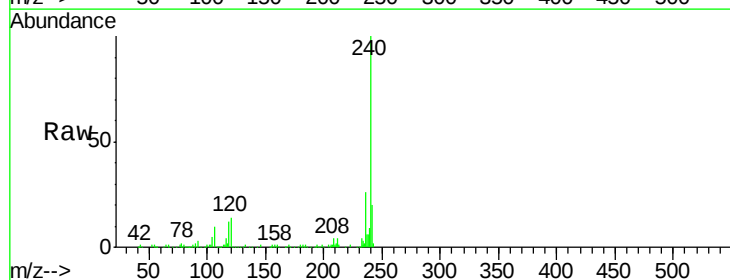


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

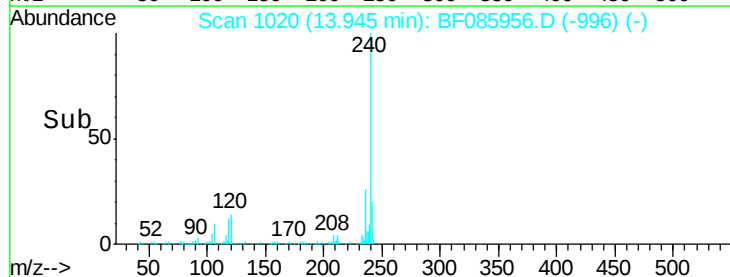
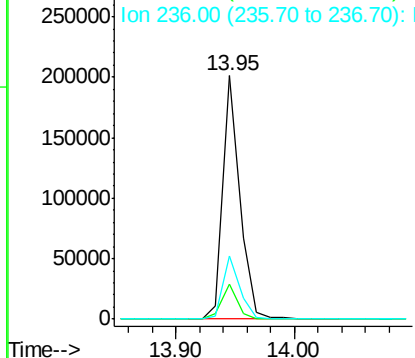


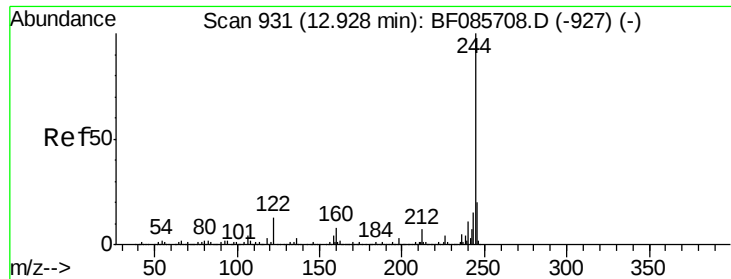
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Tgt Ion:240 Resp: 197428
Ion Ratio Lower Upper
240 100
120 14.4 13.8 20.8
236 26.0 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

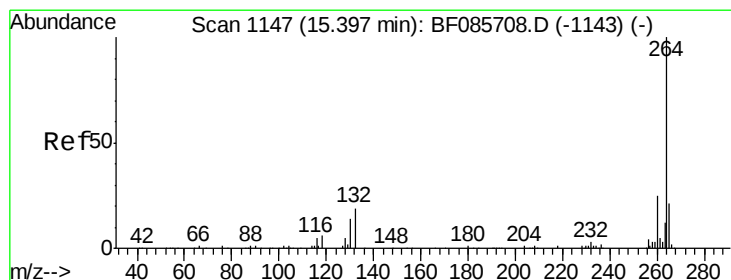
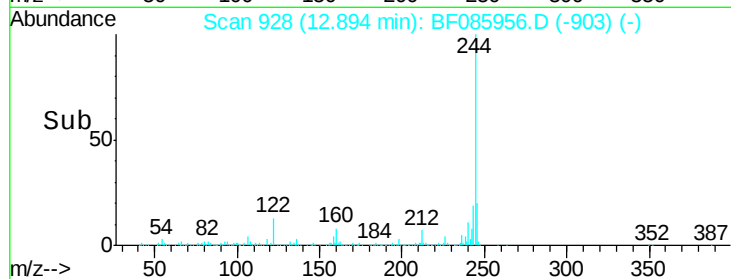
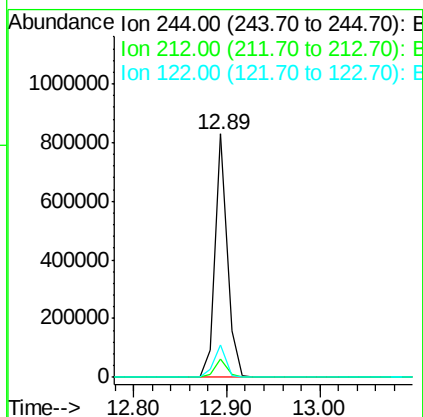
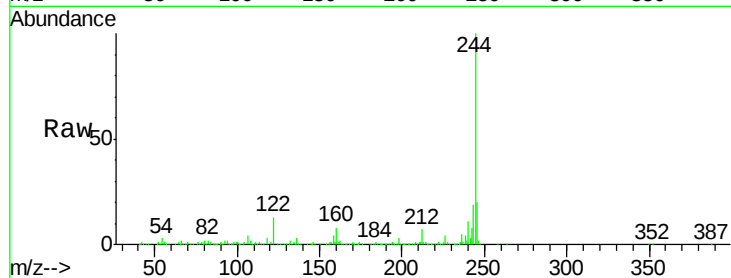




#78
 Terphenyl-d14
 Concen: 77.91 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085956.D
 Acq: 1 Apr 2016 5:00

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion:244 Resp: 747928
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.1 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF085956.D
 Acq: 1 Apr 2016 5:00

Tgt Ion:264 Resp: 194925
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.2 17.2 25.8

