

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086062.D
 Acq On : 5 Apr 2016 4:12
 Operator : UM/SJ
 Sample : H2111-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)

Quant Time: Apr 05 04:56:49 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

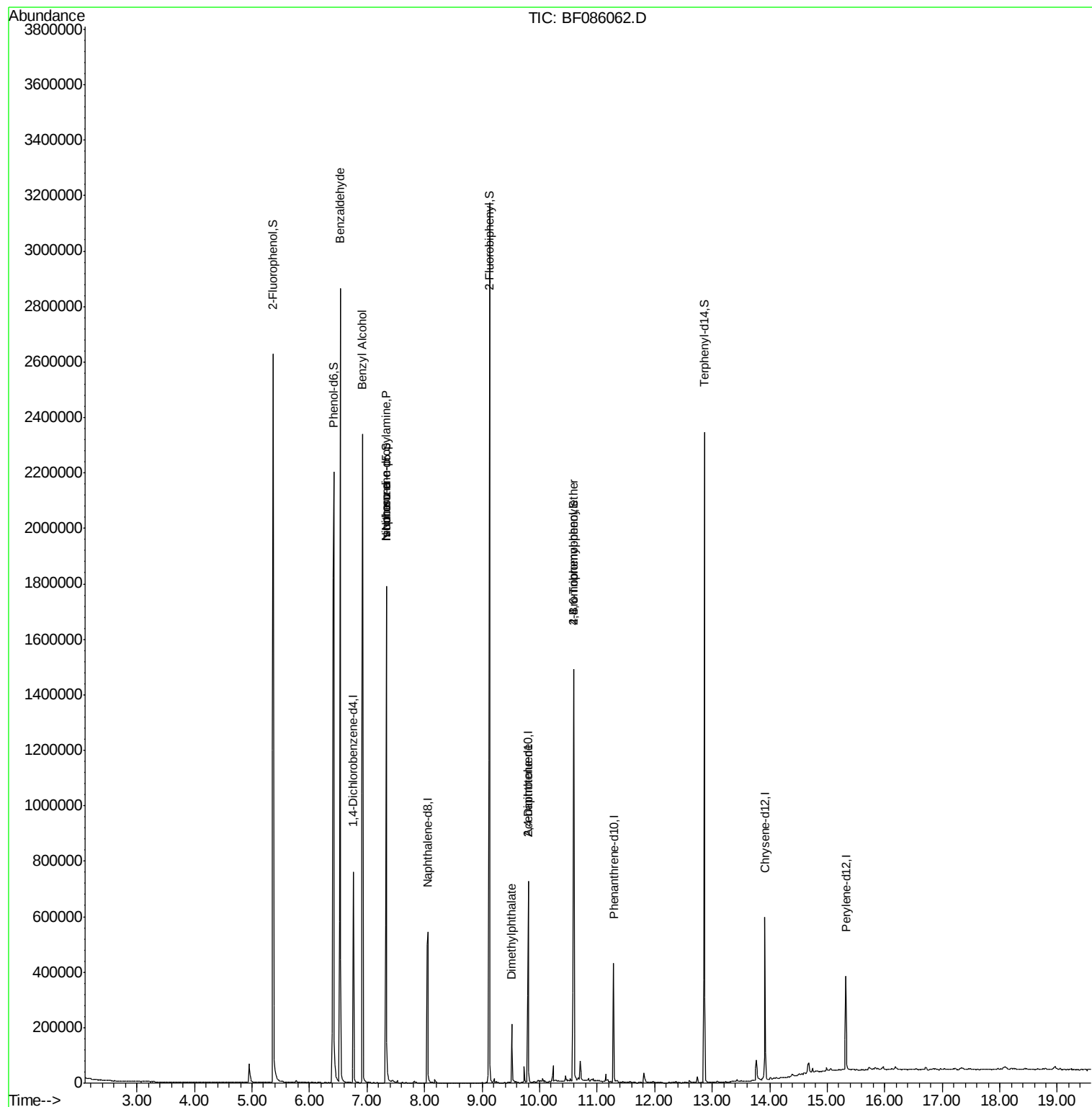
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	112383	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	383932	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	159344	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	243509	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	190418	20.00	ng	-0.01
86) Perylene-d12	15.32	264	136832	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	909958	138.40	ng	0.00
7) Phenol-d6	6.42	99	1177010	140.94	ng	0.00
23) Nitrobenzene-d5	7.33	82	633914	97.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	167923	112.28	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1037222	108.23	ng	-0.01
78) Terphenyl-d14	12.87	244	681779	84.16	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.53	77	17718	3.94	ng	Qvalue 86
15) Benzyl Alcohol	6.92	79	11342	2.10	ng	# 41
19) n-Nitroso-di-n-propylamine	7.33	70	85078	16.44	ng	# 78
25) Isophorone	7.33	82	485949	37.81	ng	# 68
49) Dimethylphthalate	9.52	163	106102	8.98	ng	100
56) 2,4-Dinitrotoluene	9.80	165	19662	6.23	ng	# 36
66) 4-Bromophenyl-phenylether	10.59	248	12045	4.84	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: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086062.D

Acq: 5 Apr 2016 4:12

Instrument :

BNA_F

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AMBOY-SB-29COMP(0.5-15.0)

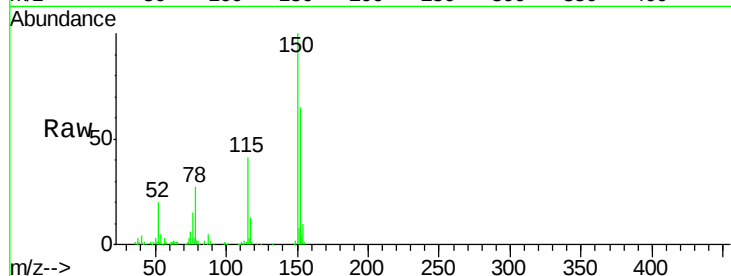
Tgt Ion:152 Resp: 112383

Ion Ratio Lower Upper

152 100

150 155.0 124.2 186.2

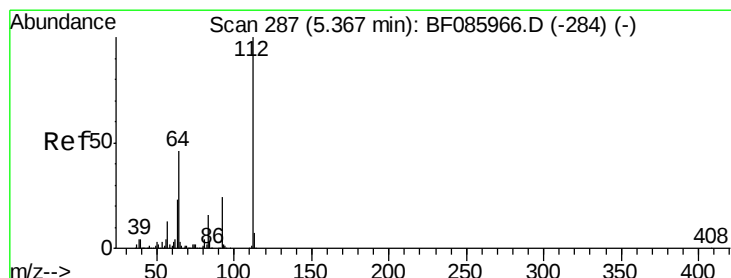
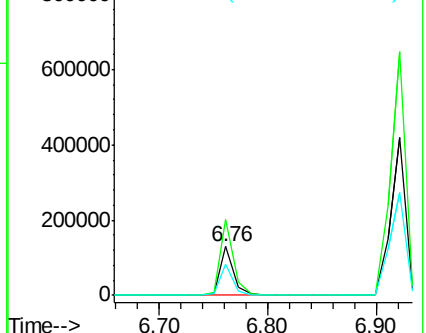
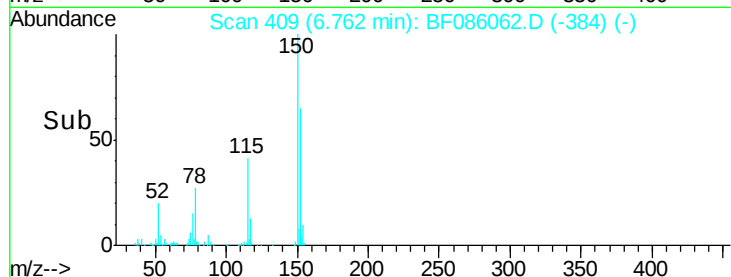
115 63.9 47.0 70.6



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: 138.40 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086062.D

Acq: 5 Apr 2016 4:12

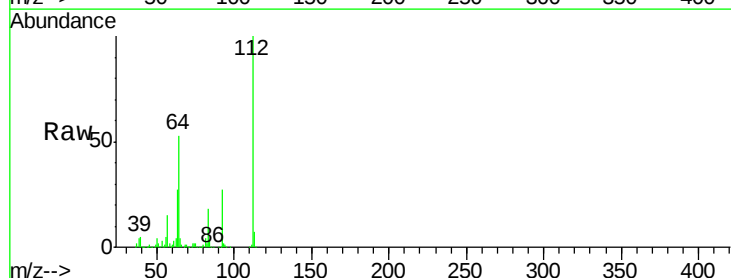
Tgt Ion:112 Resp: 909958

Ion Ratio Lower Upper

112 100

64 52.8 39.9 59.9

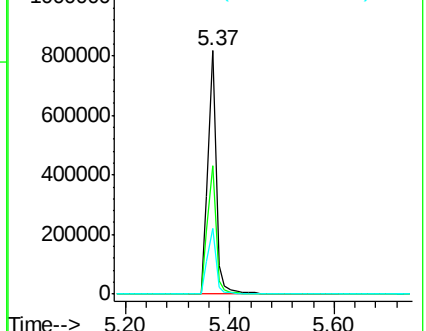
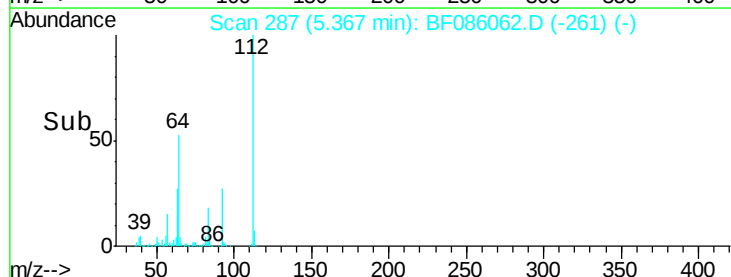
63 26.8 20.2 30.2



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: 140.94 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086062.D

Acq: 5 Apr 2016 4:12

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)

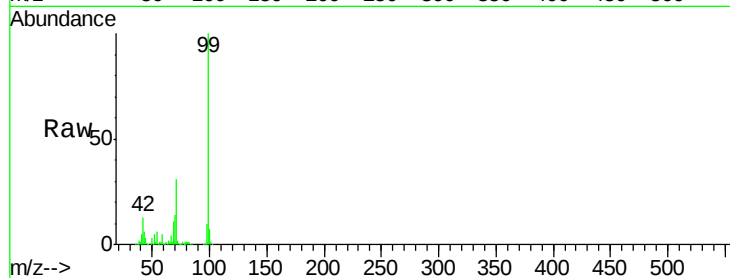
Tgt Ion: 99 Resp: 1177010

Ion Ratio Lower Upper

99 100

42 12.8 11.1 16.7

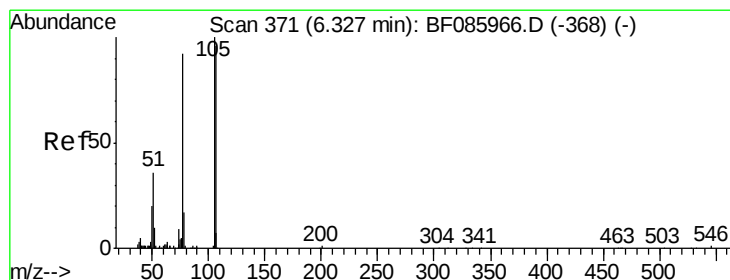
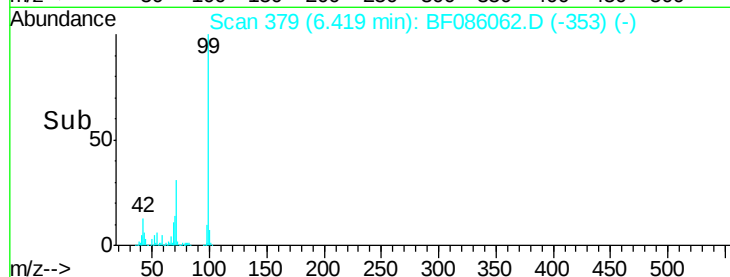
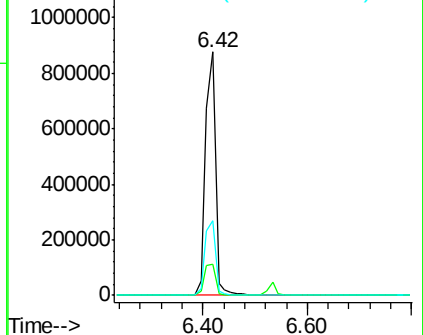
71 30.7 24.9 37.3



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: 3.94 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF086062.D

Acq: 5 Apr 2016 4:12

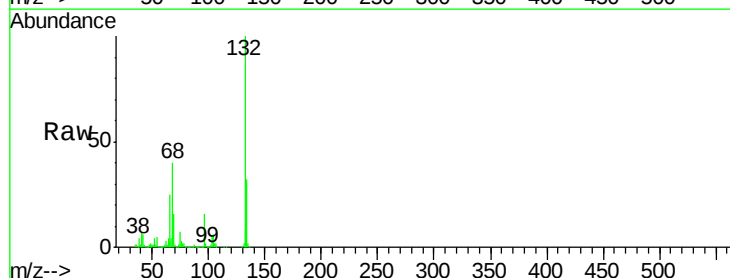
Tgt Ion: 77 Resp: 17718

Ion Ratio Lower Upper

77 100

105 85.8 80.1 120.1

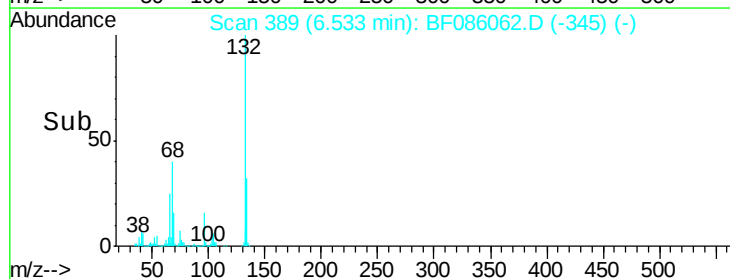
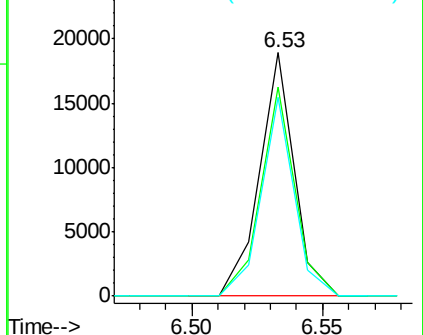
106 81.5 75.0 115.0

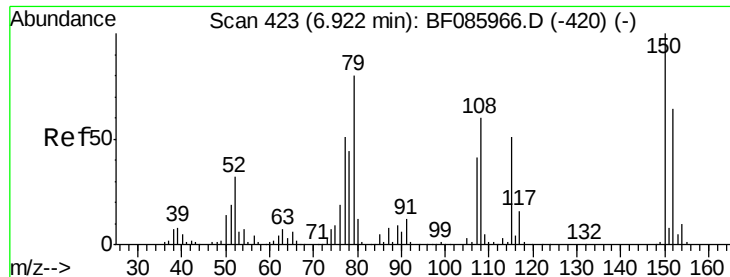


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

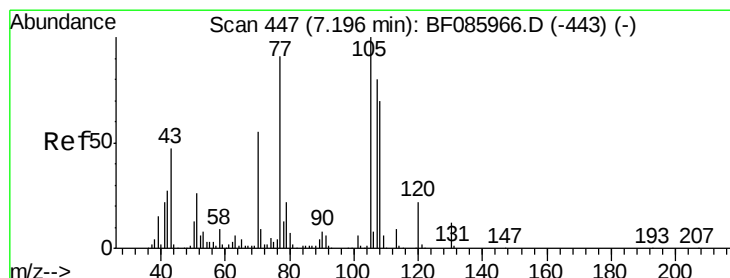
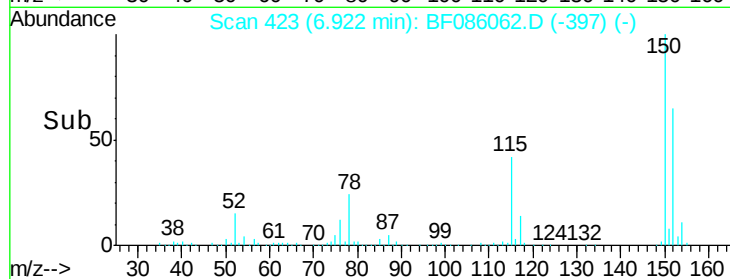
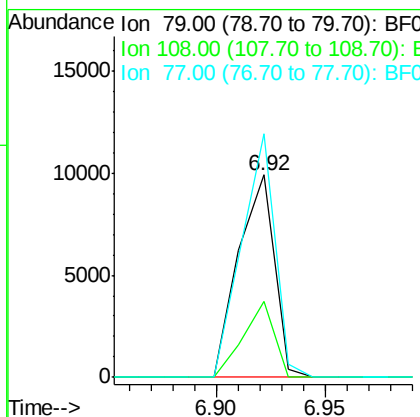
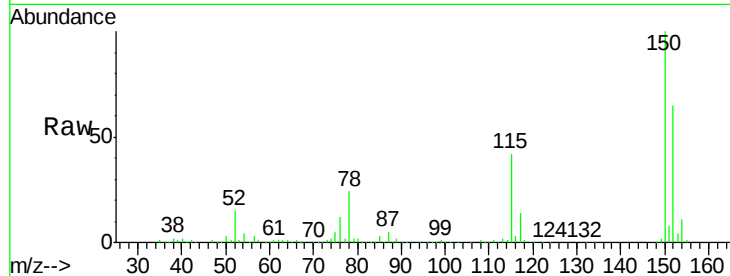




#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086062.D
Acq: 5 Apr 2016 4:12

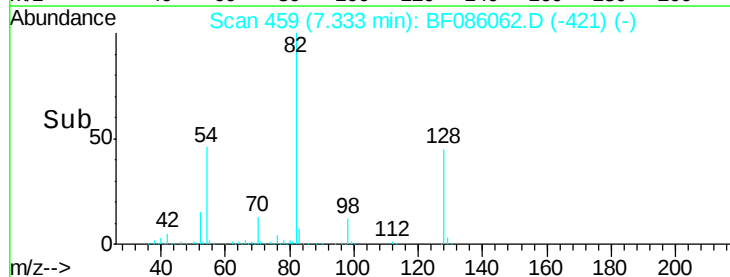
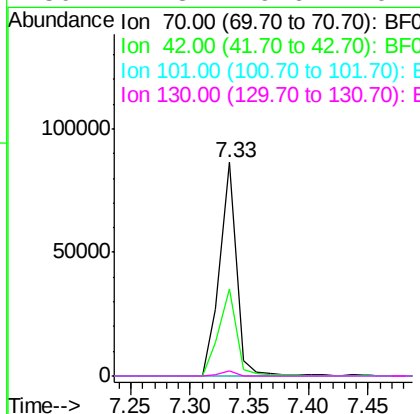
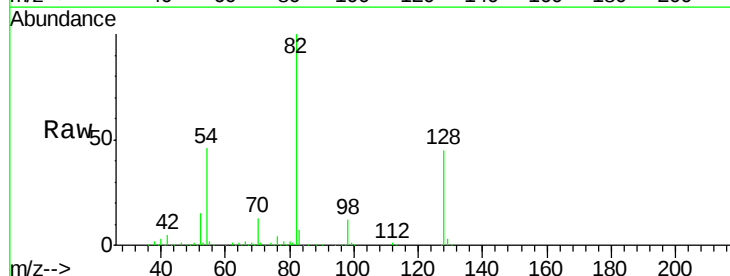
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)

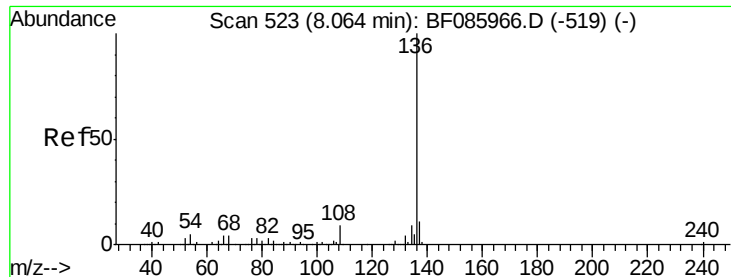
Tgt Ion: 79 Resp: 11342
Ion Ratio Lower Upper
79 100
108 37.4 61.8 92.6#
77 120.4 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 16.44 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086062.D
Acq: 5 Apr 2016 4:12

Tgt Ion: 70 Resp: 85078
Ion Ratio Lower Upper
70 100
42 40.6 37.1 55.7
101 0.0 8.6 12.8#
130 2.3 19.6 29.4#

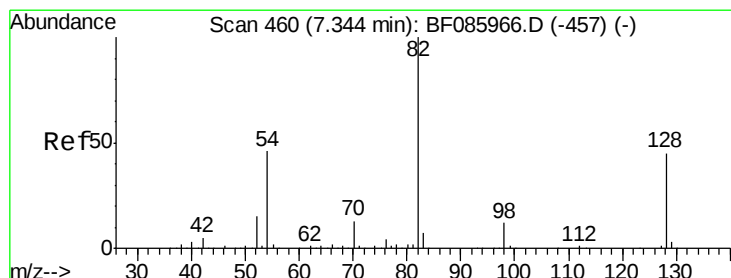
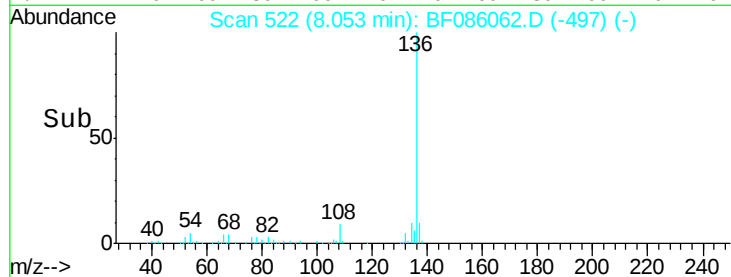
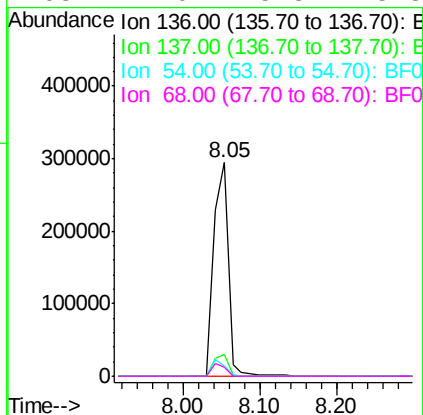
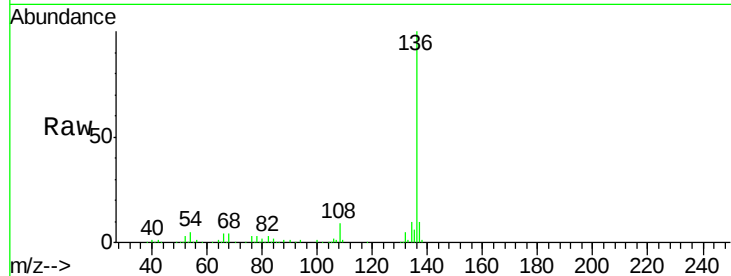




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086062.D
Acq: 5 Apr 2016 4:12

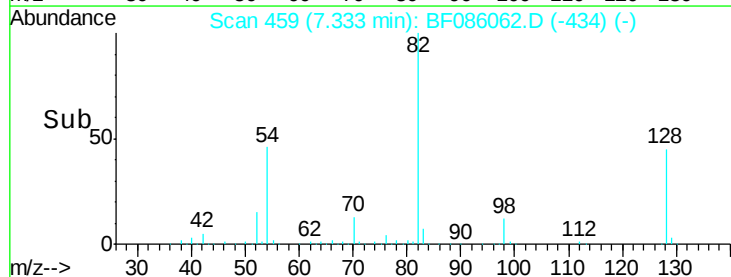
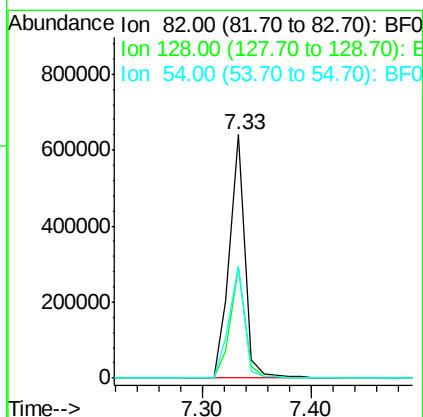
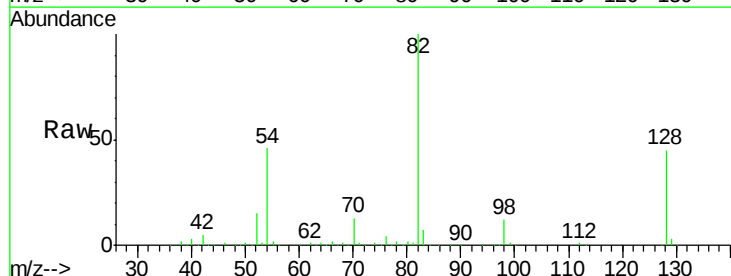
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)

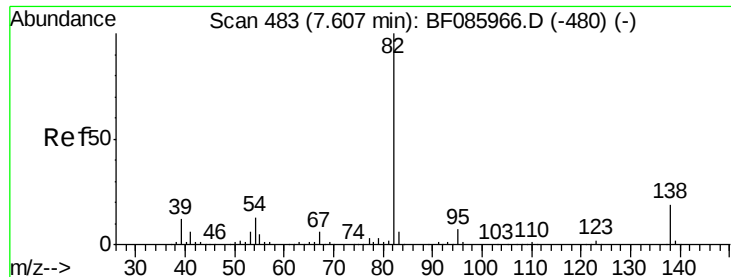
Tgt Ion:	136	Resp:	383932
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.7	7.4	11.0#
68	4.0	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 97.37 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086062.D
Acq: 5 Apr 2016 4:12

Tgt Ion:	82	Resp:	633914
Ion	Ratio	Lower	Upper
82	100		
128	45.3	41.8	62.8
54	45.7	33.4	50.0





#25

Isophorone

Concen: 37.81 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF086062.D

Acq: 5 Apr 2016 4:12

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)

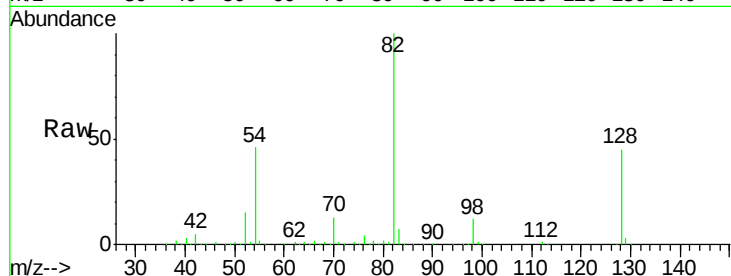
Tgt Ion: 82 Resp: 485949

Ion Ratio Lower Upper

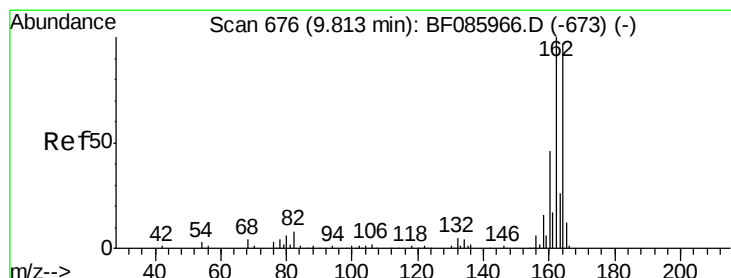
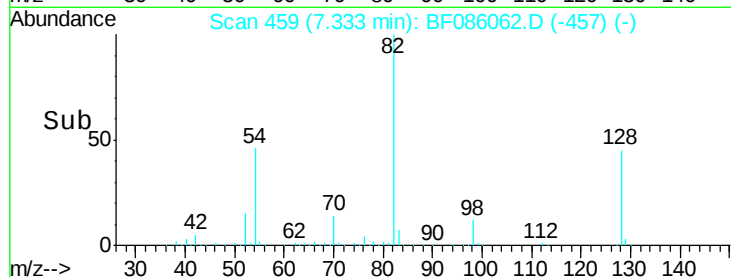
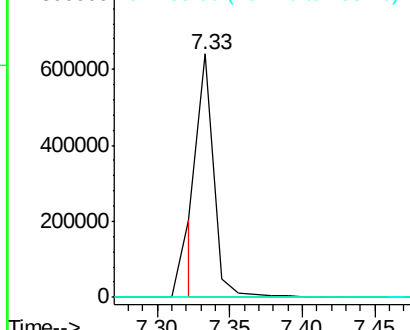
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086062.D

Acq: 5 Apr 2016 4:12

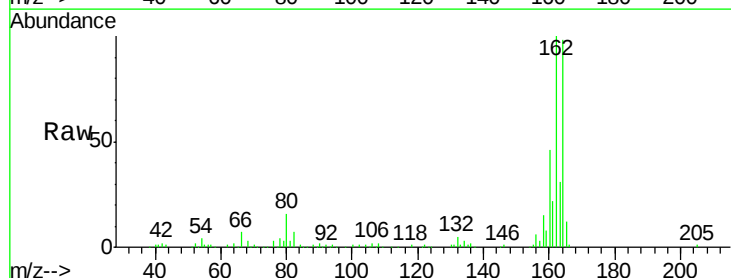
Tgt Ion: 164 Resp: 159344

Ion Ratio Lower Upper

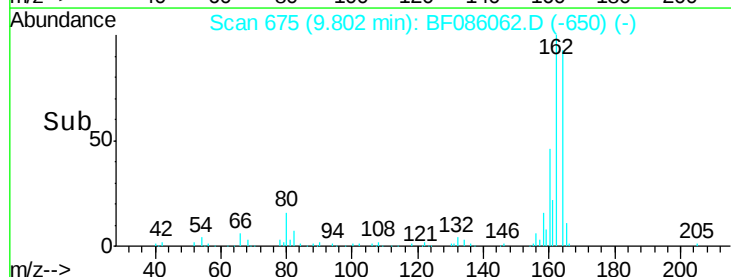
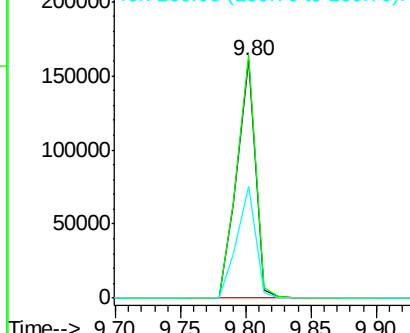
164 100

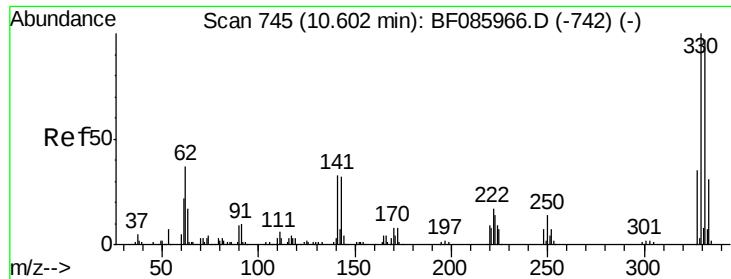
162 102.2 82.1 123.1

160 46.8 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

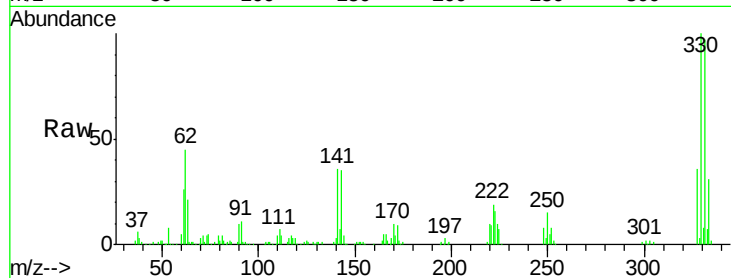




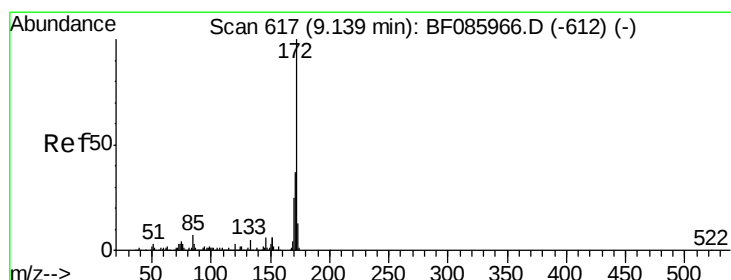
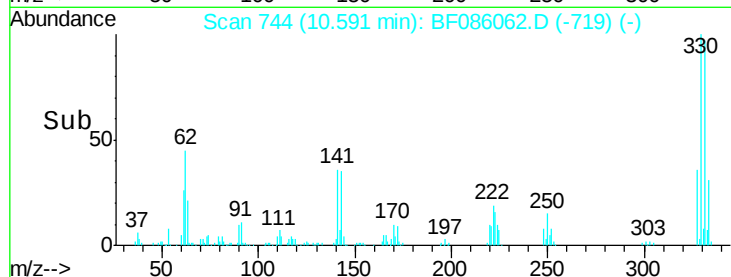
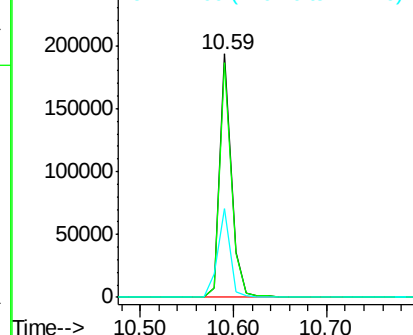
#41
 2,4,6-Tribromophenol
 Concen: 112.28 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086062.D
 Acq: 5 Apr 2016 4:12

Instrument :
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 AMBOY-SB-29COMP(0.5-15.0)

Tgt Ion:330 Resp: 167923
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.2 117.2
 141 39.7 31.5 47.3

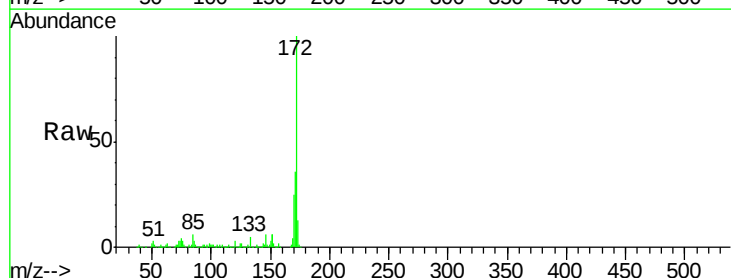


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

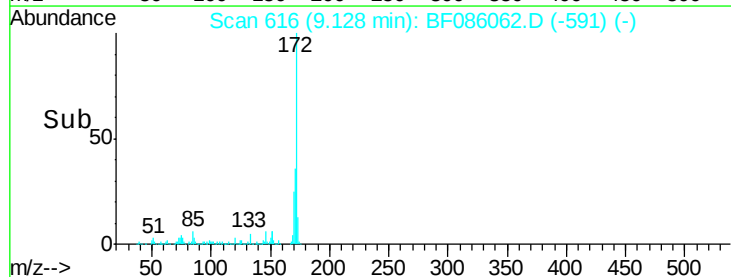
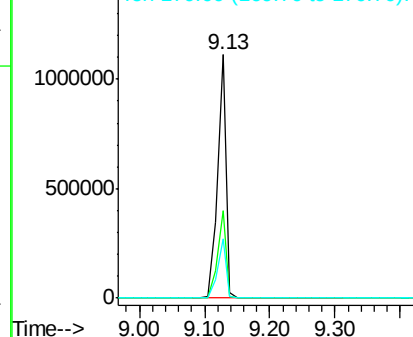


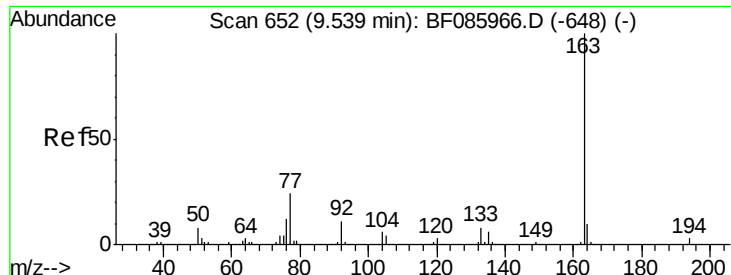
#44
 2-Fluorobiphenyl
 Concen: 108.23 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086062.D
 Acq: 5 Apr 2016 4:12

Tgt Ion:172 Resp: 1037222
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.5 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

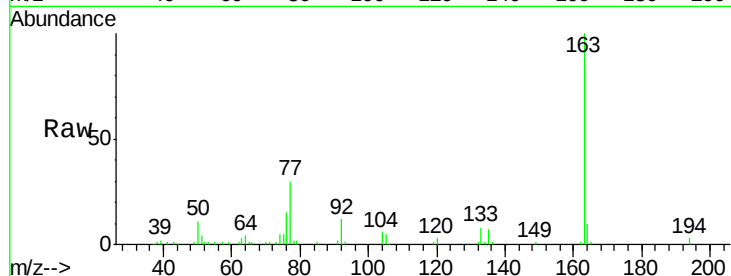




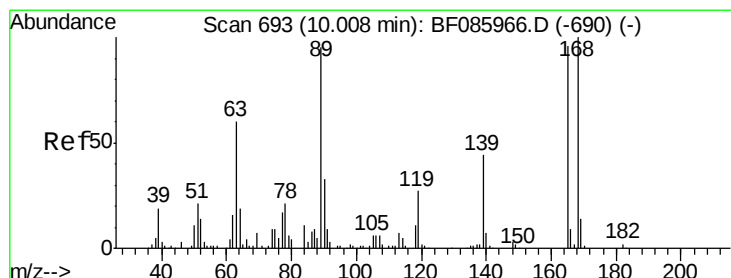
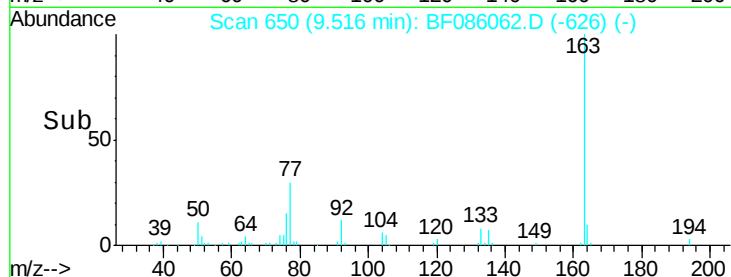
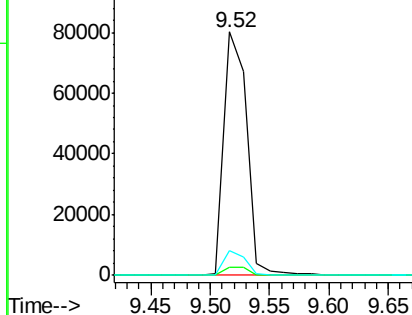
#49
Dimethylphthalate
Concen: 8.98 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF086062.D
Acq: 5 Apr 2016 4:12

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)

Tgt Ion:163 Resp: 106102
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.3 8.3 12.5

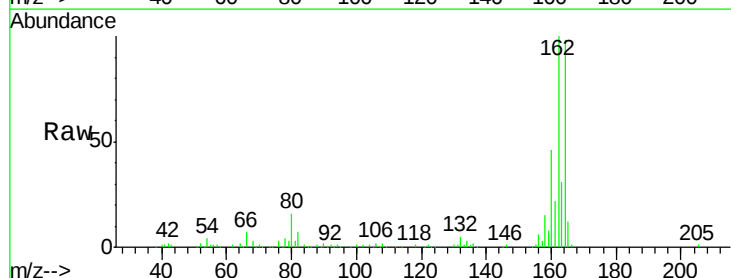


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

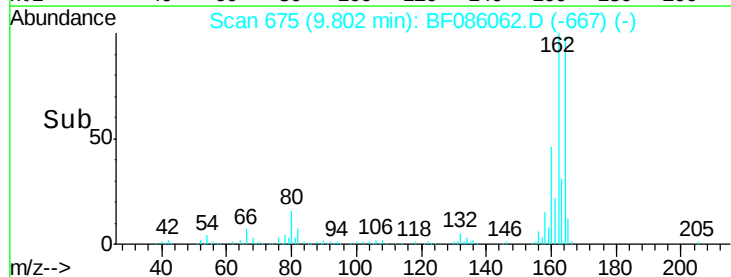
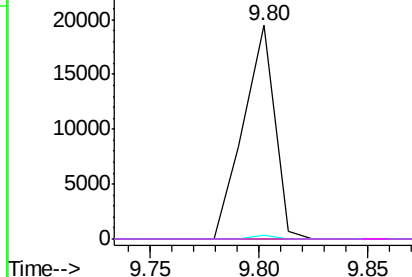


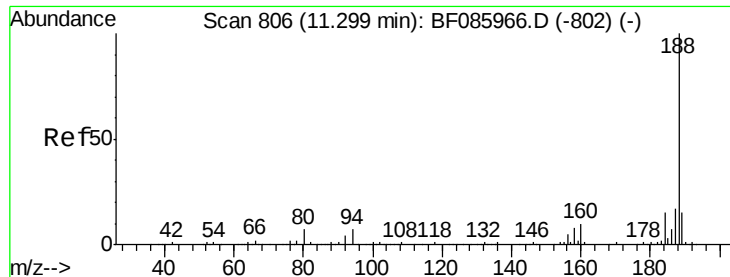
#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF086062.D
Acq: 5 Apr 2016 4:12

Tgt Ion:165 Resp: 19662
Ion Ratio Lower Upper
165 100
63 0.0 24.9 37.3#
89 1.9 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

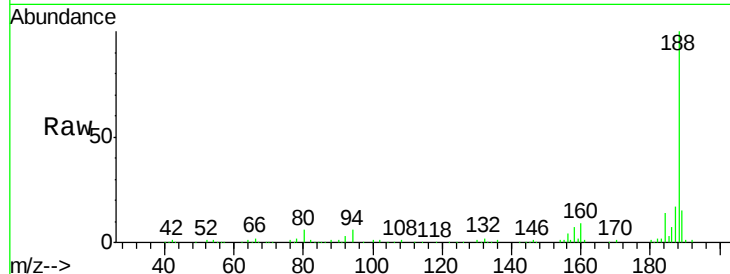




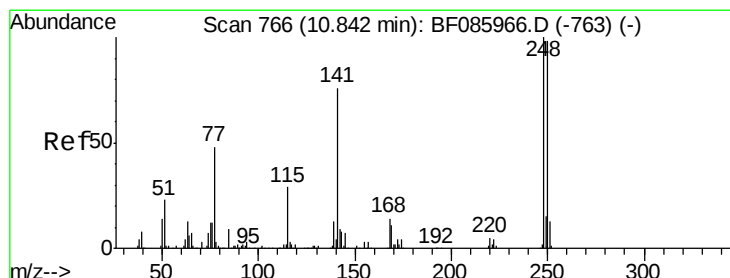
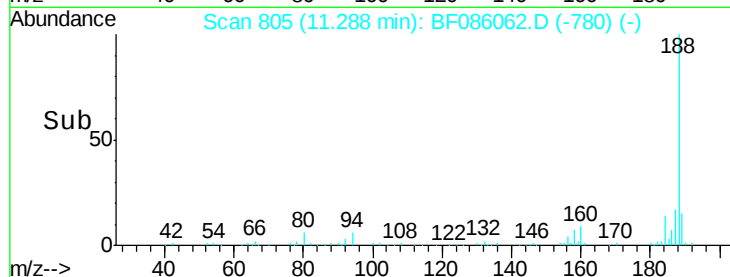
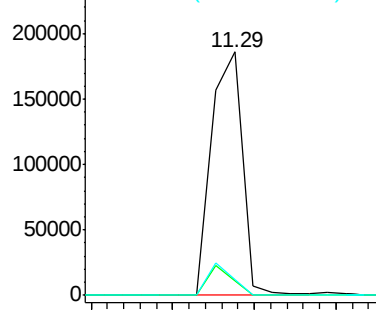
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF086062.D
 Acq: 5 Apr 2016 4:12

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)

Tgt Ion:188 Resp: 243509
 Ion Ratio Lower Upper
 188 100
 94 6.1 5.4 8.0
 80 6.2 5.5 8.3

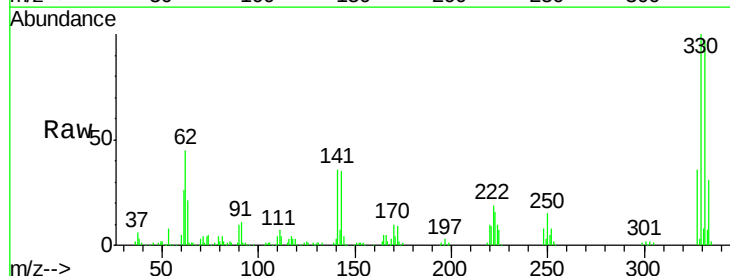


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

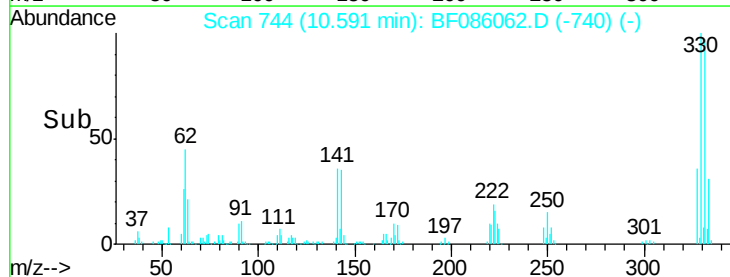
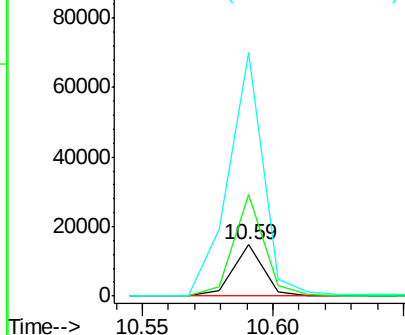


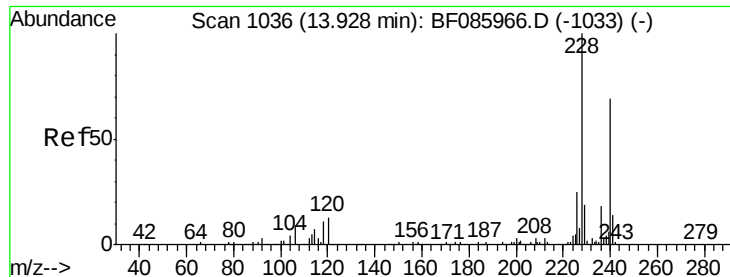
#66
 4-Bromophenyl-phenylether
 Concen: 4.84 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF086062.D
 Acq: 5 Apr 2016 4:12

Tgt Ion:248 Resp: 12045
 Ion Ratio Lower Upper
 248 100
 250 199.3 77.4 116.0#
 141 475.9 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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086062.D

Acq: 5 Apr 2016 4:12

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)

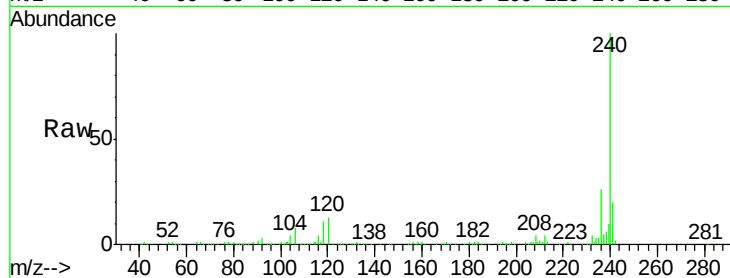
Tgt Ion:240 Resp: 190418

Ion Ratio Lower Upper

240 100

120 12.5 13.8 20.8#

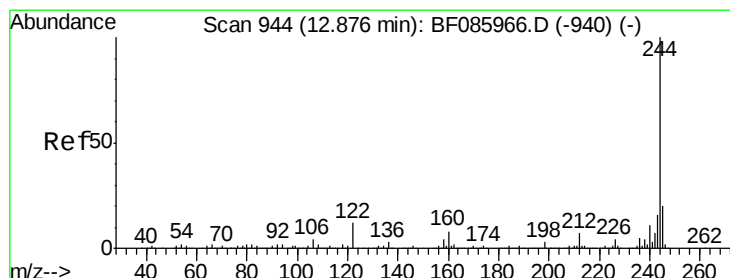
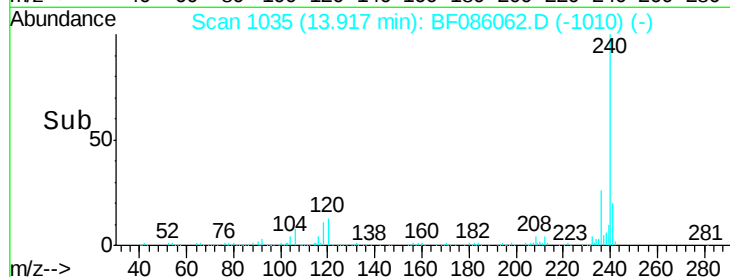
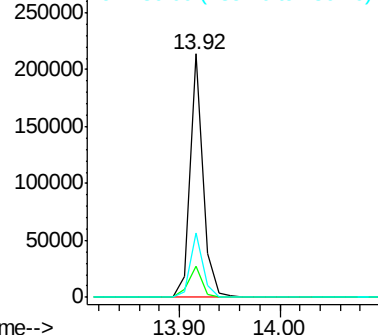
236 26.2 20.6 30.8



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: 84.16 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086062.D

Acq: 5 Apr 2016 4:12

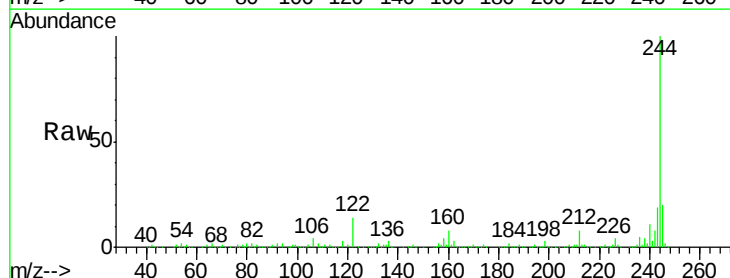
Tgt Ion:244 Resp: 681779

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

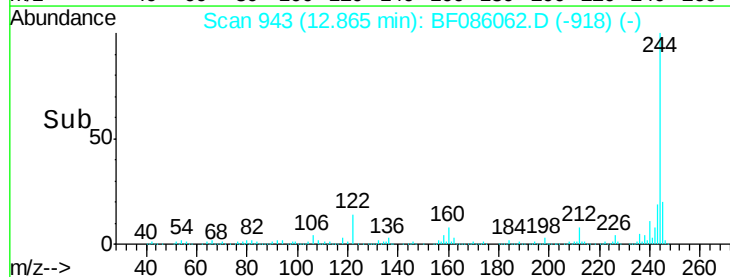
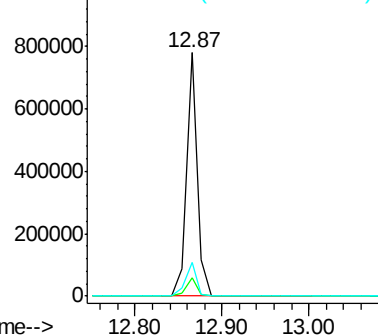
122 13.7 10.2 15.4

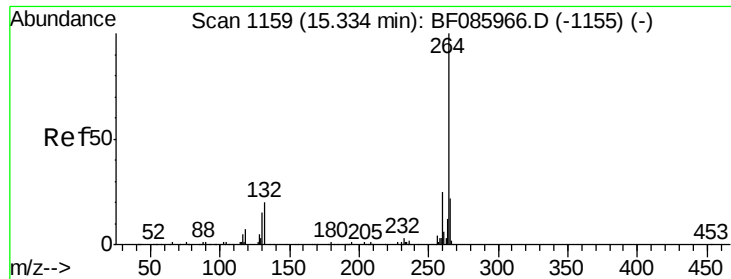


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

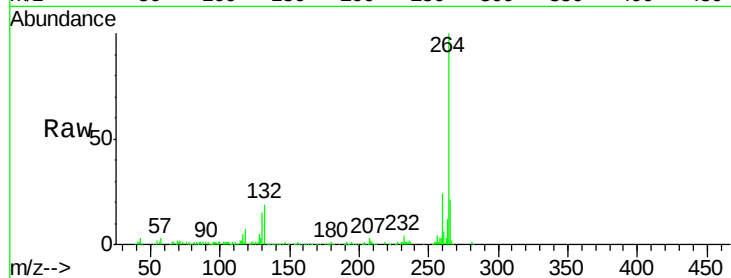




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF086062.D
Acq: 5 Apr 2016 4:12

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	20.7	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

