

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082736.D
 Acq On : 5 Nov 2015 18:32
 Operator : UM/IZ
 Sample : G4261-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Nov 06 01:16:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

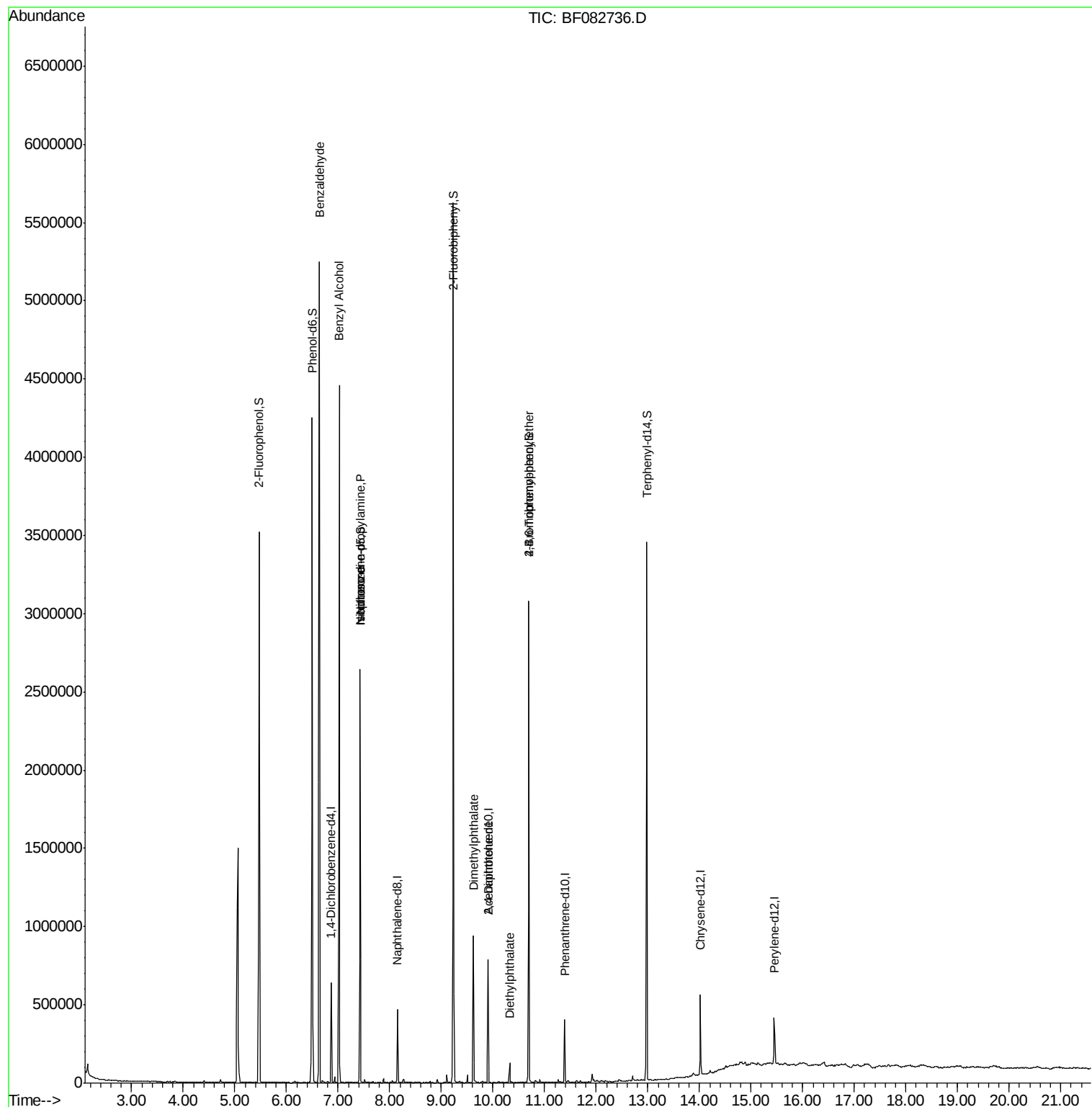
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	82696	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	276238	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	141896	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	221871	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	165209	20.00	ng	-0.03
86) Perylene-d12	15.45	264	161349	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1286185	234.25	ng	0.00
7) Phenol-d6	6.50	99	1475330	202.26	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1017260	150.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	347250	223.61	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1598301	159.93	ng	-0.02
78) Terphenyl-d14	12.98	244	1322065	175.13	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	38933	7.82	ng	Qvalue 86
15) Benzyl Alcohol	7.02	79	20631	3.03	ng	# 54
19) n-Nitroso-di-n-propylamine	7.42	70	138342	25.02	ng	# 72
25) Isophorone	7.42	82	823737	66.19	ng	# 69
49) Dimethylphthalate	9.62	163	337626	29.13	ng	99
56) 2,4-Dinitrotoluene	9.90	165	19273	5.93	ng	# 15
59) Diethylphthalate	10.33	149	49904	4.23	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	23904	9.51	ng	# 1

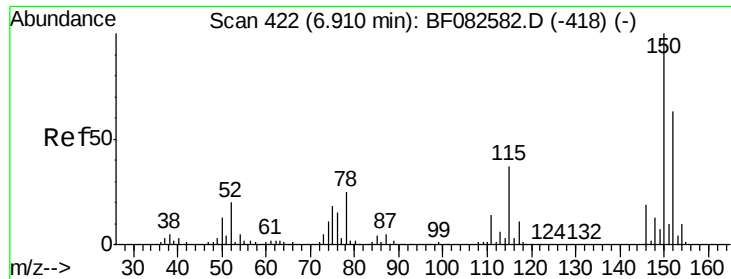
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
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QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082736.D

Acq: 5 Nov 2015 18:32

Instrument :

BNA_F

ClientSampled :

SB-1

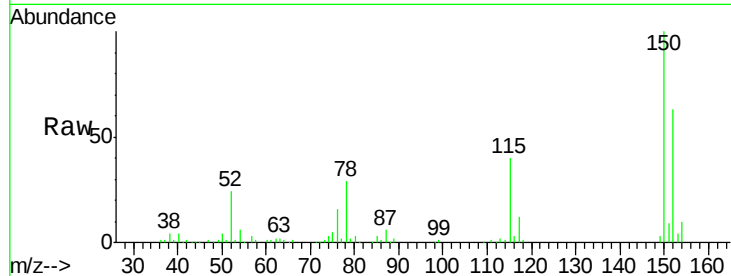
Tgt Ion:152 Resp: 82696

Ion Ratio Lower Upper

152 100

150 157.7 127.0 190.4

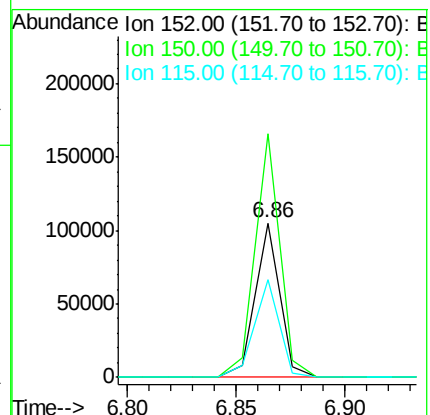
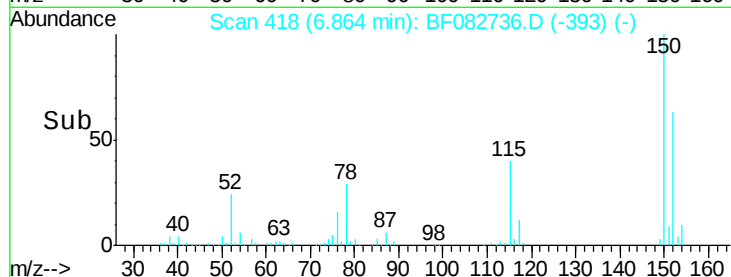
115 63.1 47.0 70.6



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: 234.25 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082736.D

Acq: 5 Nov 2015 18:32

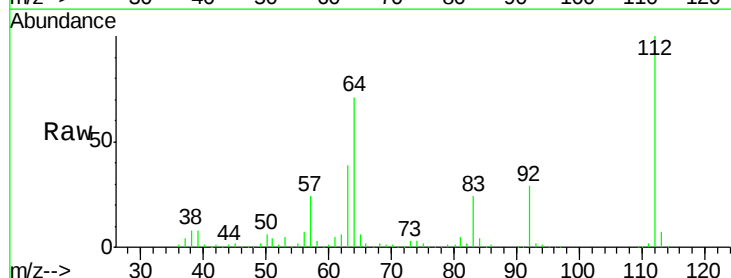
Tgt Ion:112 Resp: 1286185

Ion Ratio Lower Upper

112 100

64 71.4 48.9 73.3

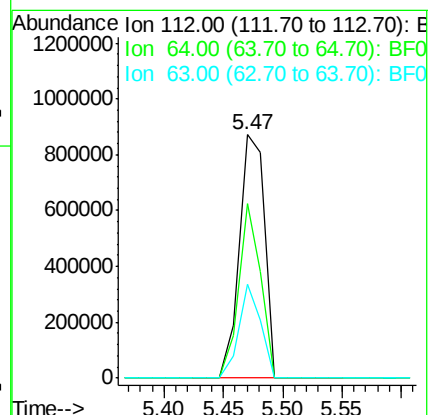
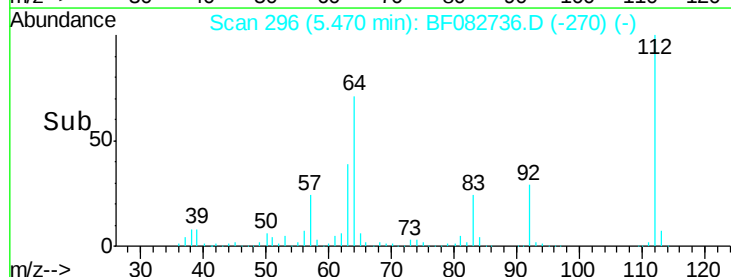
63 38.8 28.1 42.1



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: 202.26 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082736.D

Acq: 5 Nov 2015 18:32

Instrument :

BNA_F

ClientSampled :

SB-1

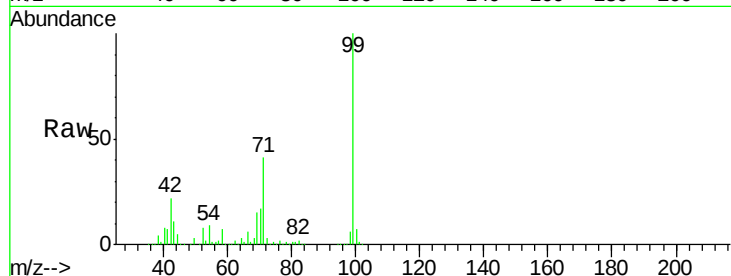
Tgt Ion: 99 Resp: 1475330

Ion Ratio Lower Upper

99 100

42 22.1 19.2 28.8

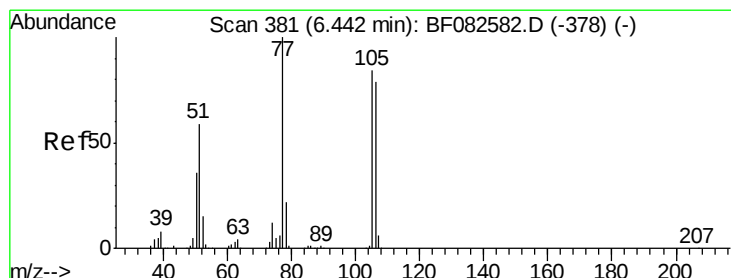
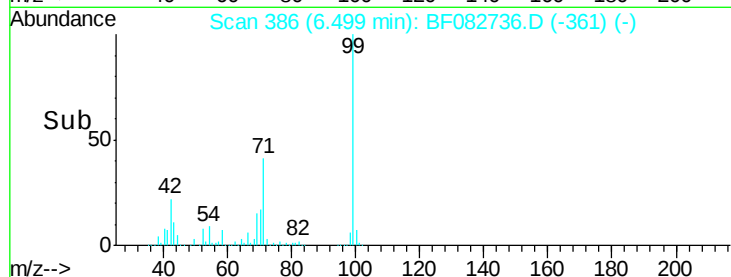
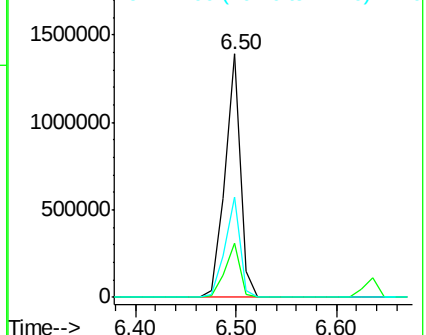
71 41.2 35.0 52.4



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: 7.82 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082736.D

Acq: 5 Nov 2015 18:32

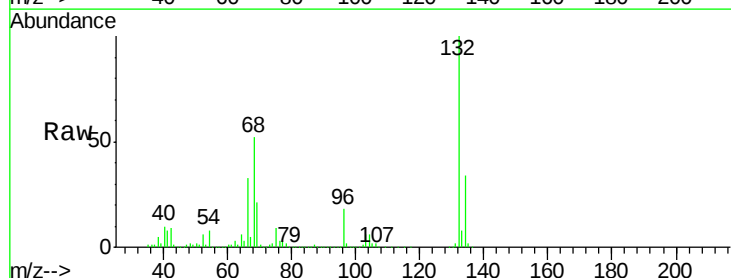
Tgt Ion: 77 Resp: 38933

Ion Ratio Lower Upper

77 100

105 70.2 63.5 103.5

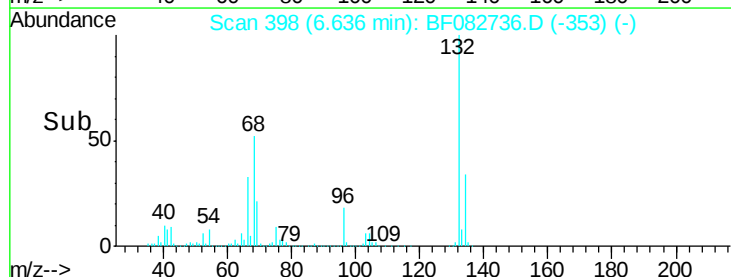
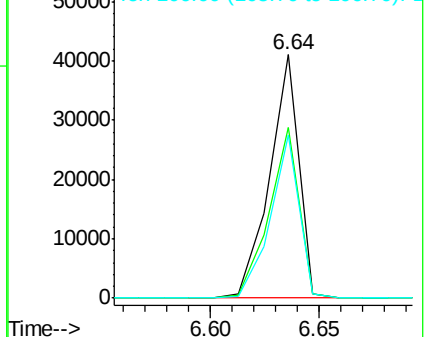
106 66.8 59.3 99.3

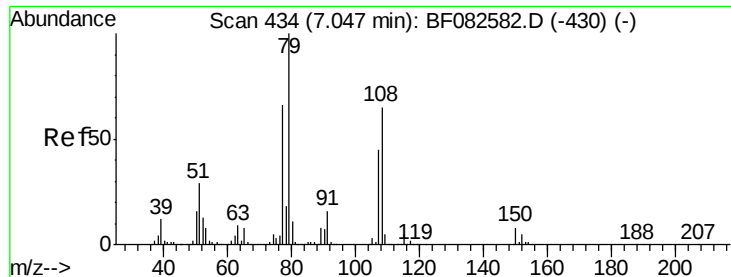


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 3.03 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF082736.D

Acq: 5 Nov 2015 18:32

Instrument :

BNA_F

ClientSampleId :

SB-1

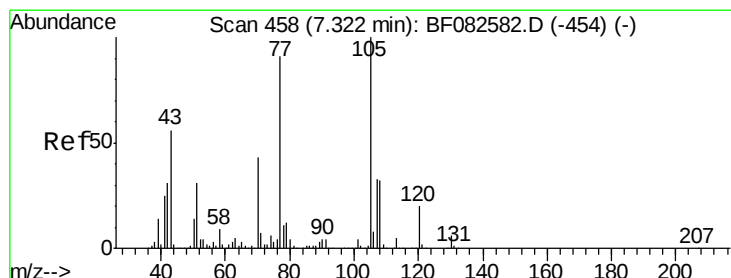
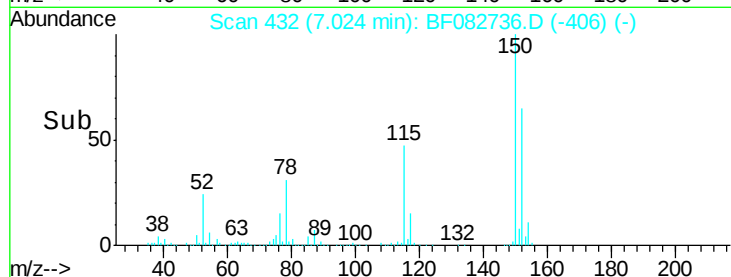
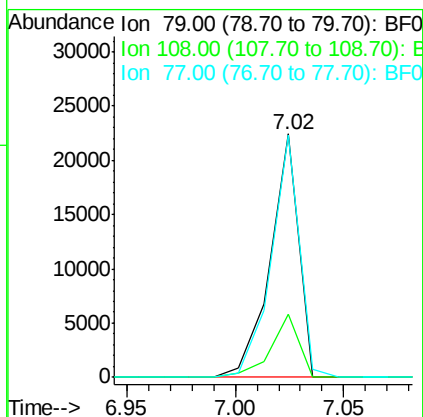
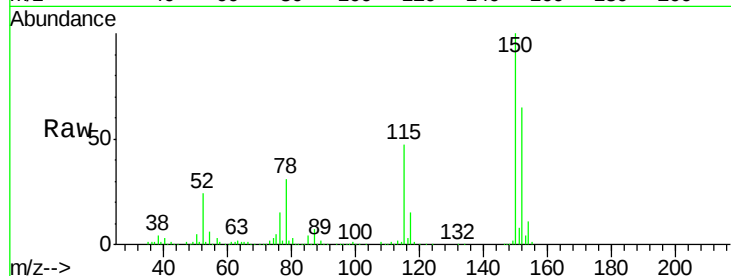
Tgt Ion: 79 Resp: 20631

Ion Ratio Lower Upper

79 100

108 25.9 52.2 78.4#

77 99.5 52.7 79.1#



#19

n-Nitroso-di-n-propylamine

Concen: 25.02 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082736.D

Acq: 5 Nov 2015 18:32

Tgt Ion: 70 Resp: 138342

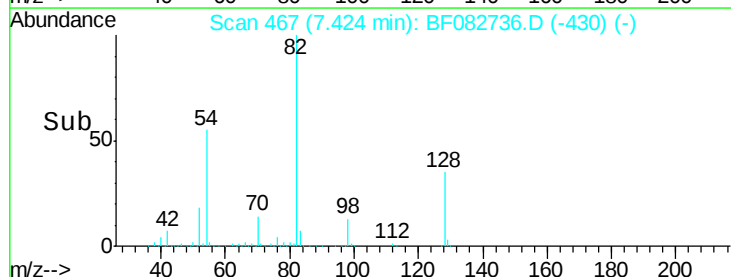
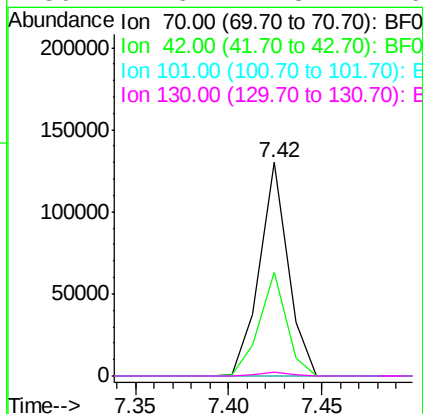
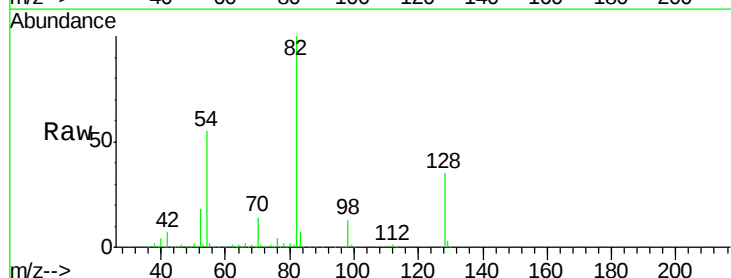
Ion Ratio Lower Upper

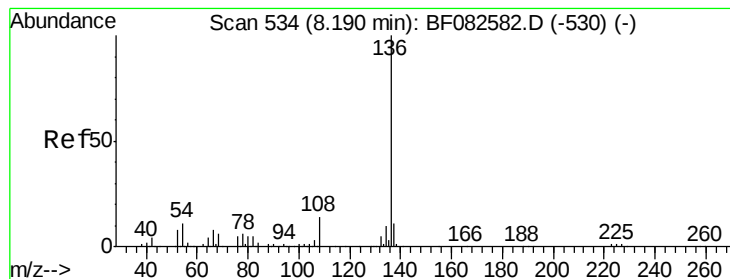
70 100

42 48.5 57.7 86.5#

101 0.0 7.0 10.6#

130 1.6 11.8 17.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082736.D

Acq: 5 Nov 2015 18:32

Instrument :

BNA_F

ClientSampleId :

SB-1

Tgt Ion: 136 Resp: 276238

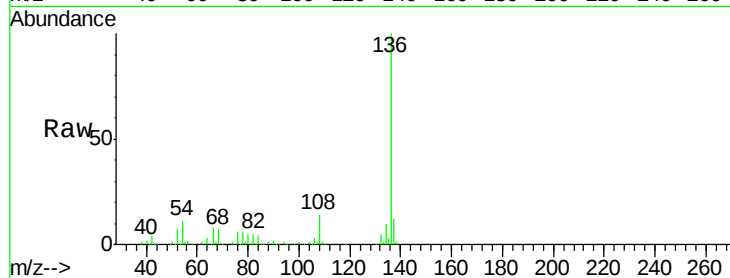
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 11.1 9.1 13.7

68 6.9 4.8 7.2

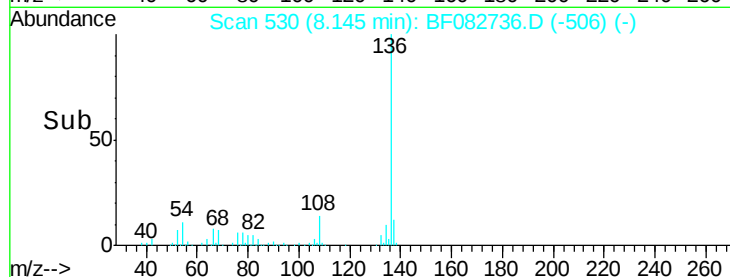


Abundance Ion 136.00 (135.70 to 136.70): E

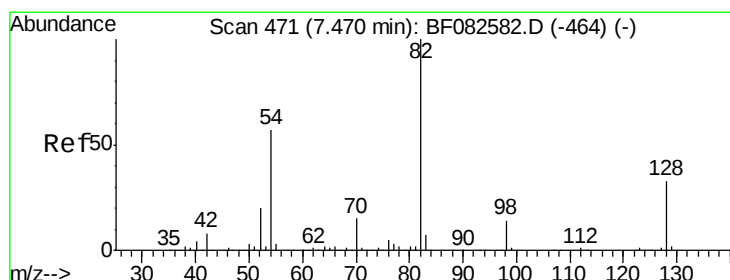
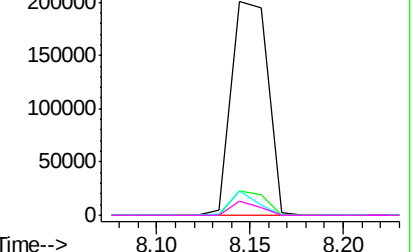
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 150.38 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF082736.D

Acq: 5 Nov 2015 18:32

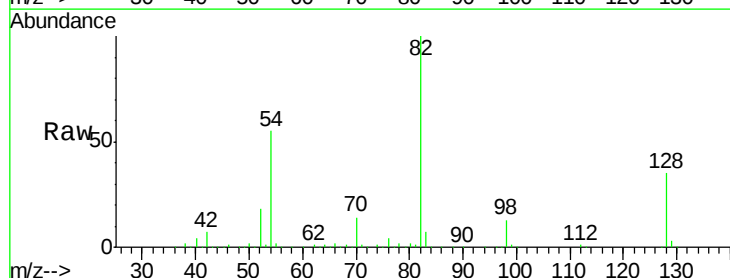
Tgt Ion: 82 Resp: 1017260

Ion Ratio Lower Upper

82 100

128 34.8 26.8 40.2

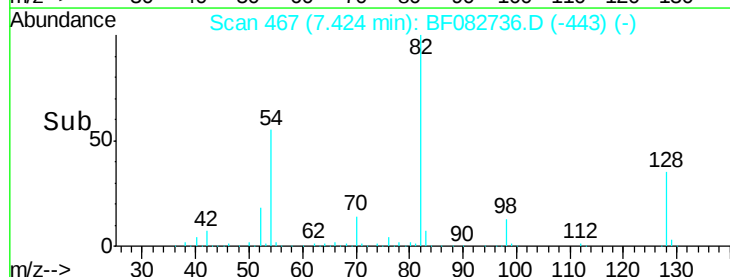
54 54.7 45.7 68.5



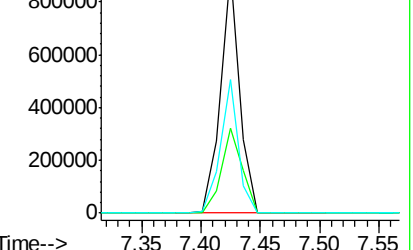
Abundance Ion 82.00 (81.70 to 82.70): BF0

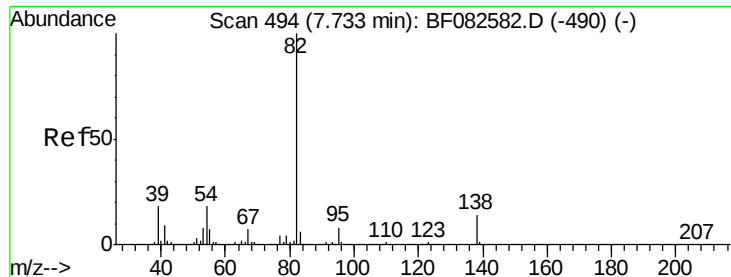
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 66.19 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.29 min

Lab File: BF082736.D

Acq: 5 Nov 2015 18:32

Instrument :

BNA_F

ClientSampleId :

SB-1

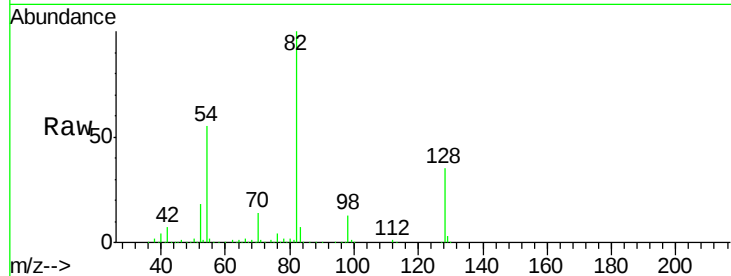
Tgt Ion: 82 Resp: 823737

Ion Ratio Lower Upper

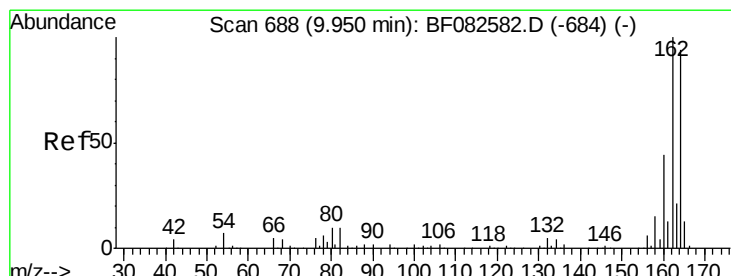
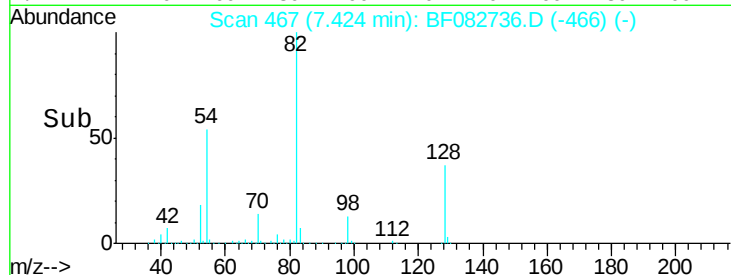
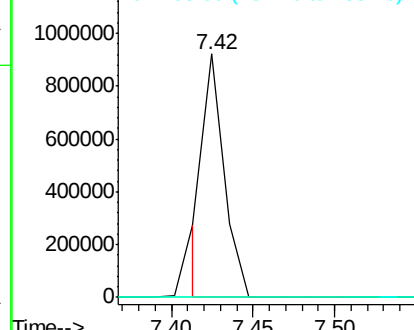
82 100

95 0.0 6.6 9.8#

138 0.0 11.4 17.0#



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: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082736.D

Acq: 5 Nov 2015 18:32

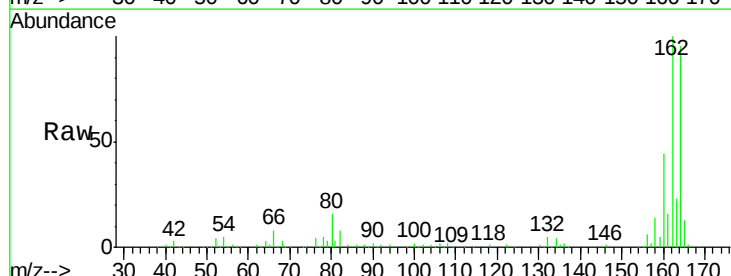
Tgt Ion: 164 Resp: 141896

Ion Ratio Lower Upper

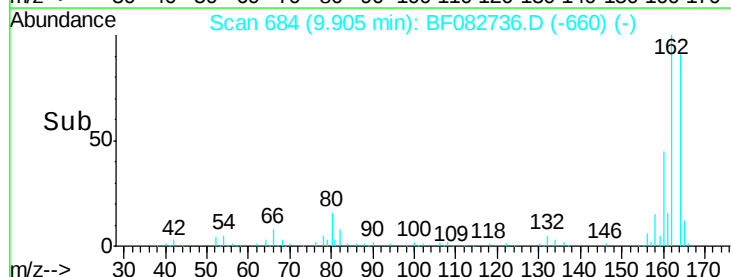
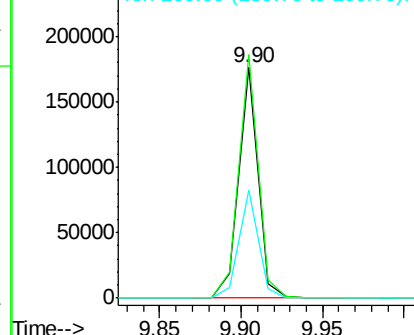
164 100

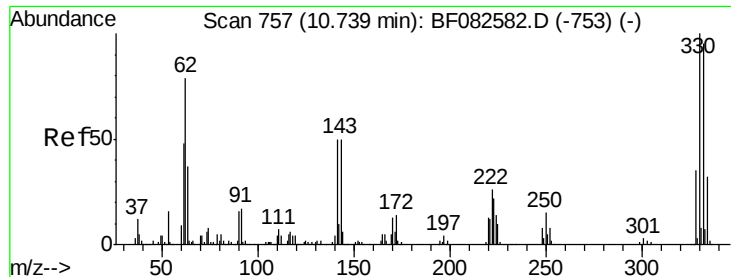
162 105.6 84.9 127.3

160 46.9 37.5 56.3



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

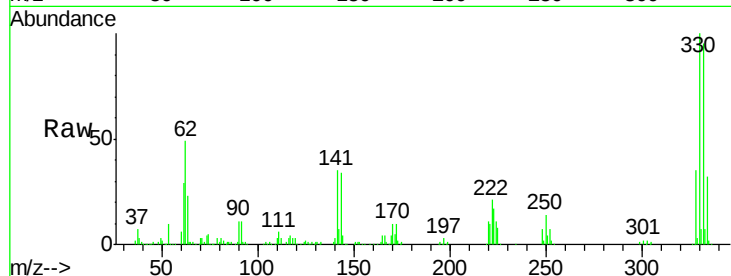




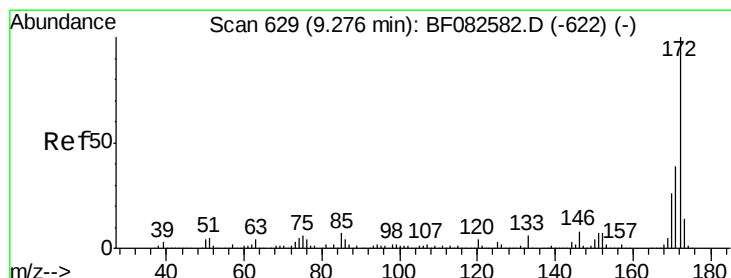
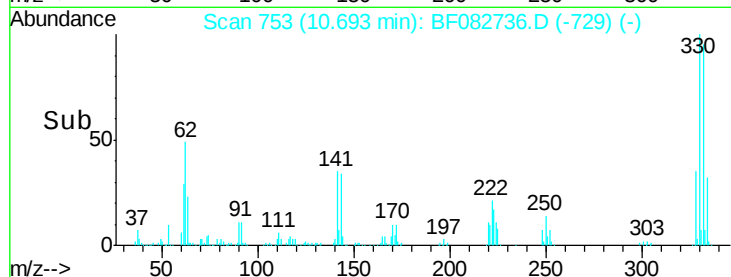
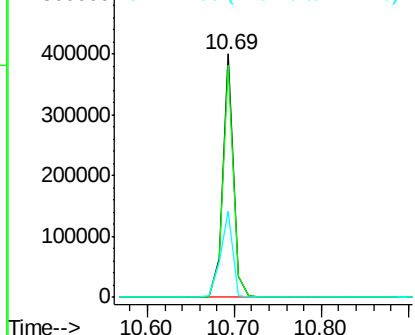
#41
 2,4,6-Tribromophenol
 Concen: 223.61 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082736.D
 Acq: 5 Nov 2015 18:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tgt Ion:330 Resp: 347250
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 40.6 41.2 61.8#

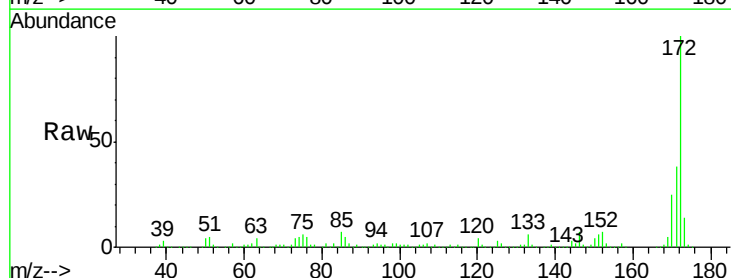


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

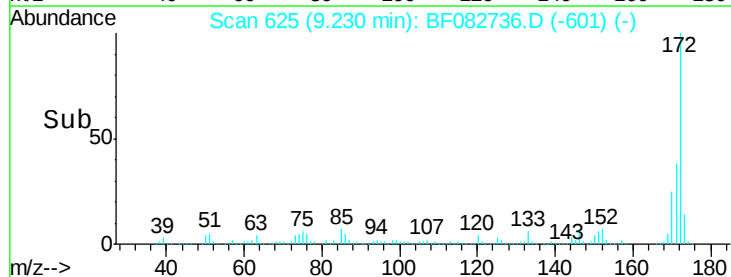
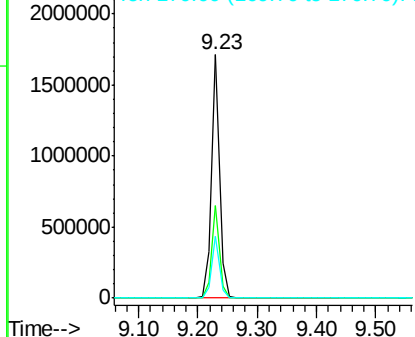


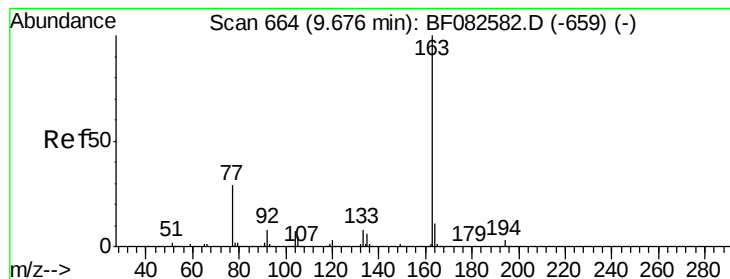
#44
 2-Fluorobiphenyl
 Concen: 159.93 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082736.D
 Acq: 5 Nov 2015 18:32

Tgt Ion:172 Resp: 1598301
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 25.2 21.2 31.8



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: 29.13 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082736.D

Acq: 5 Nov 2015 18:32

Instrument :

BNA_F

ClientSampled :

SB-1

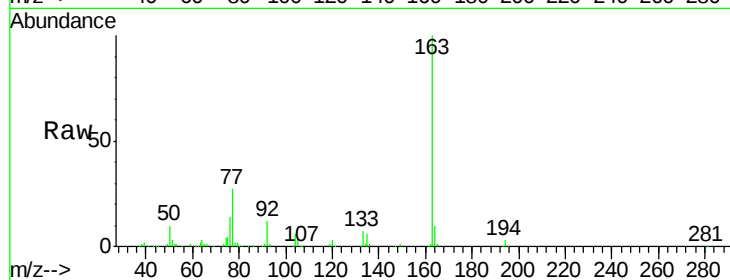
Tgt Ion:163 Resp: 337626

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

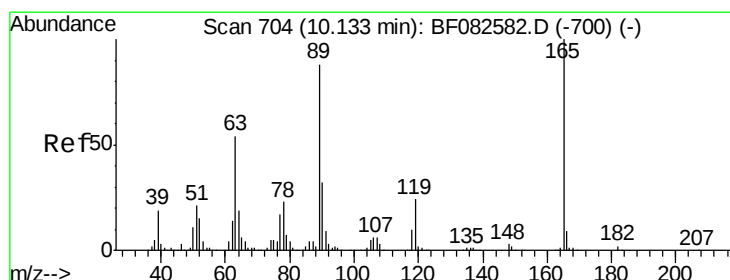
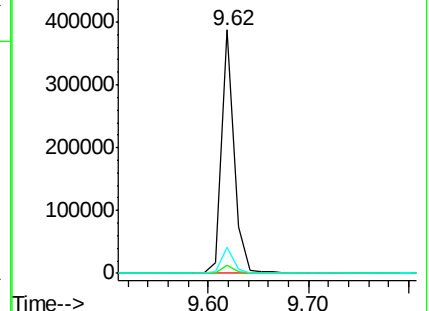
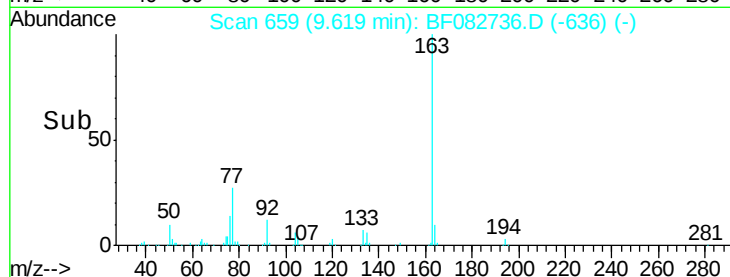
164 10.5 8.7 13.1



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: 5.93 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082736.D

Acq: 5 Nov 2015 18:32

Tgt Ion:165 Resp: 19273

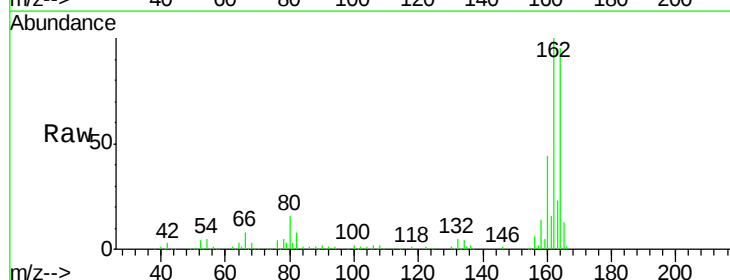
Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.0#

89 1.5 70.6 106.0#

182 0.0 1.5 2.3#

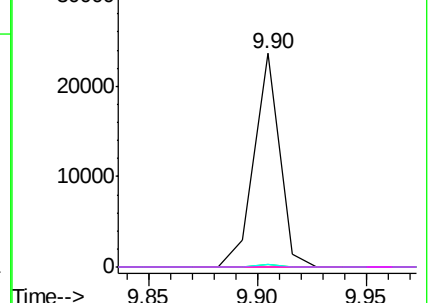
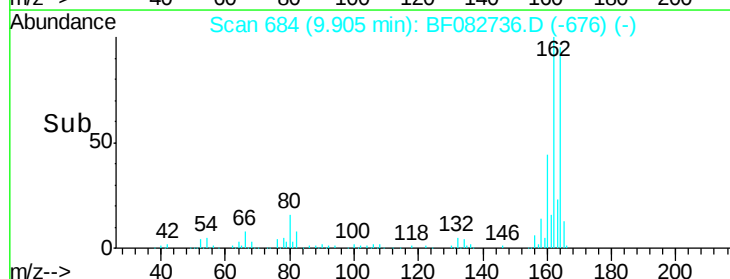


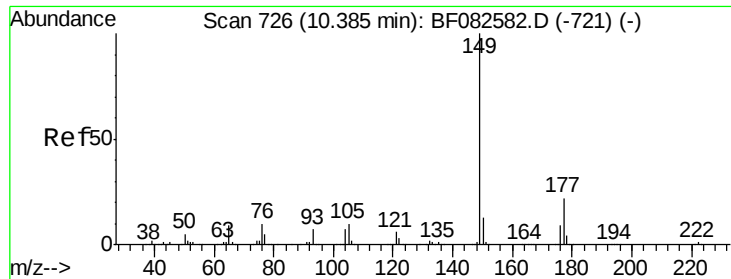
Abundance Ion 165.00 (164.70 to 165.70): E

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

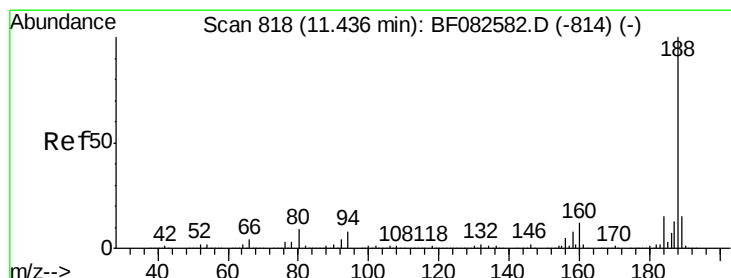
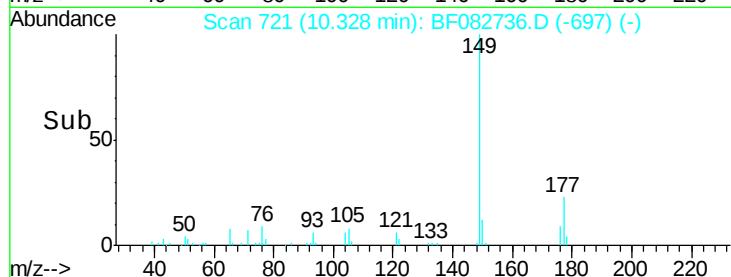
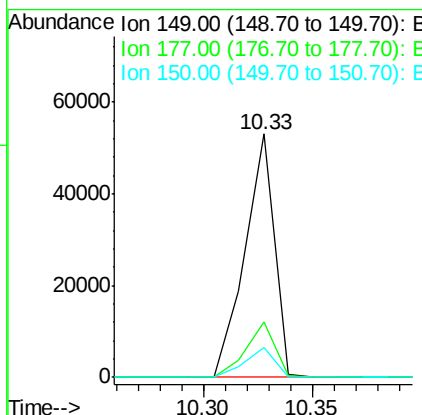
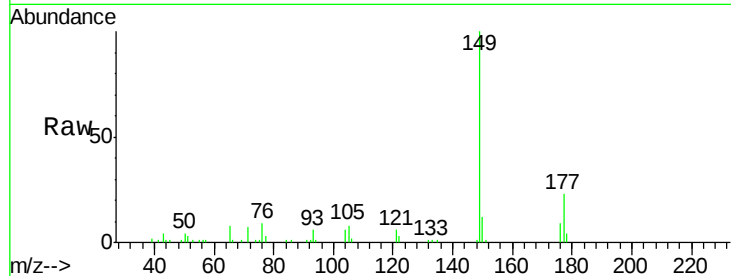




#59
Diethylphthalate
Concen: 4.23 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF082736.D
Acq: 5 Nov 2015 18:32

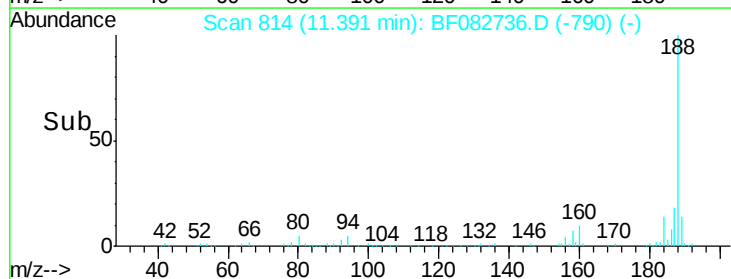
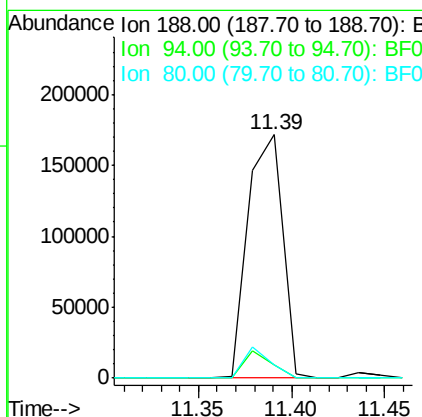
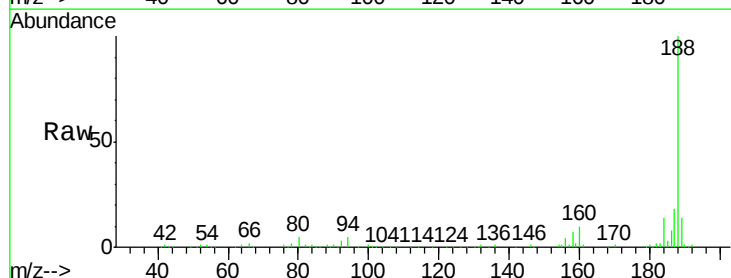
Instrument :
BNA_F
ClientSampleId :
SB-1

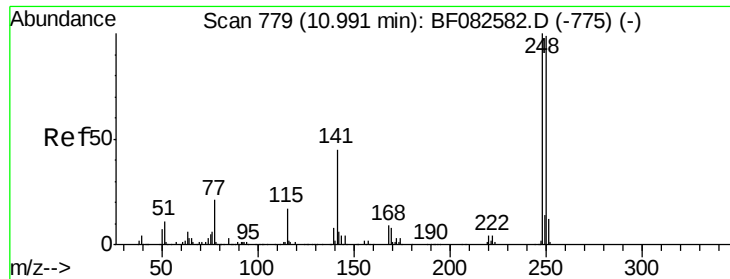
Tgt Ion:149 Resp: 49904
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.4 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082736.D
Acq: 5 Nov 2015 18:32

Tgt Ion:188 Resp: 221871
Ion Ratio Lower Upper
188 100
94 5.2 6.1 9.1#
80 5.3 7.0 10.6#

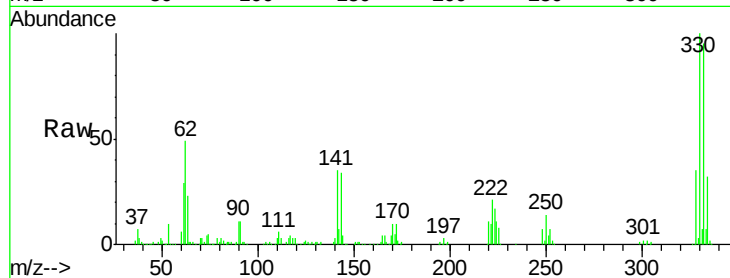




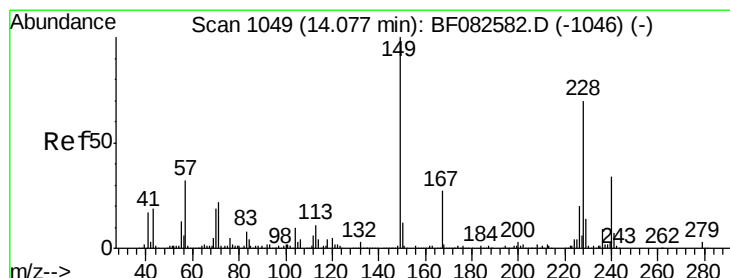
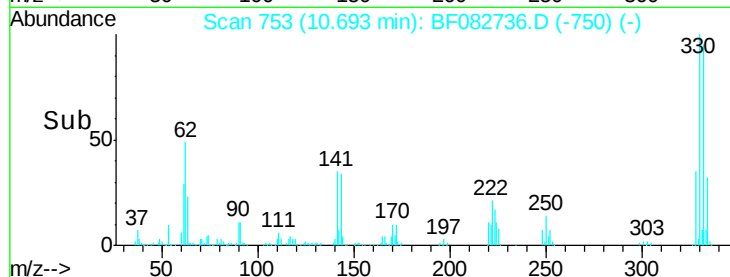
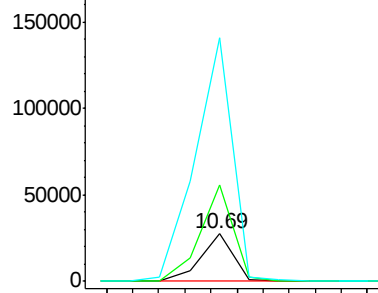
#66
4-Bromophenyl-phenylether
Concen: 9.51 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082736.D
Acq: 5 Nov 2015 18:32

Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion:248 Resp: 23904
Ion Ratio Lower Upper
248 100
250 204.0 79.4 119.2#
141 512.8 36.3 54.5#

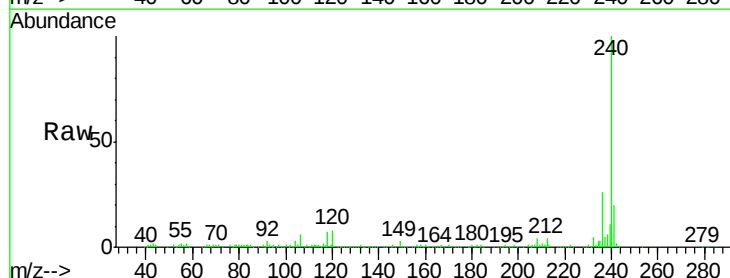


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

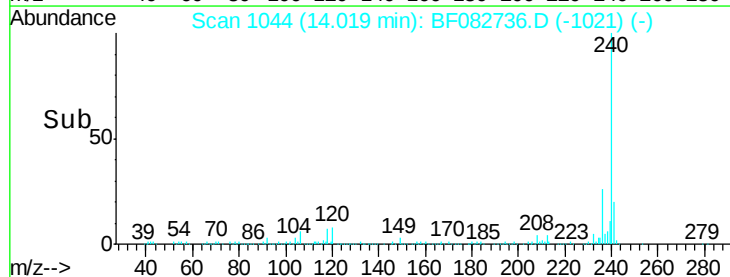
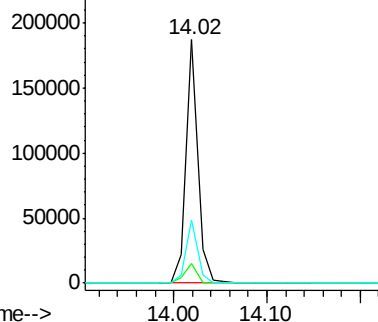


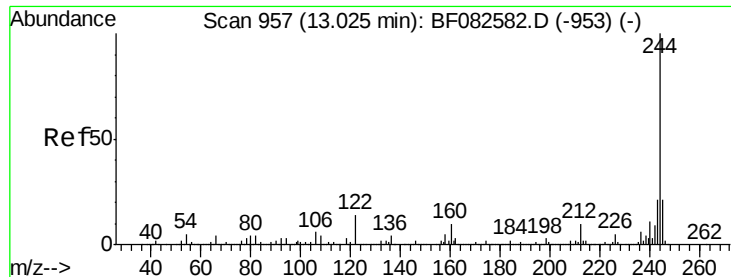
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082736.D
Acq: 5 Nov 2015 18:32

Tgt Ion:240 Resp: 165209
Ion Ratio Lower Upper
240 100
120 7.8 10.9 16.3#
236 26.1 21.6 32.4



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

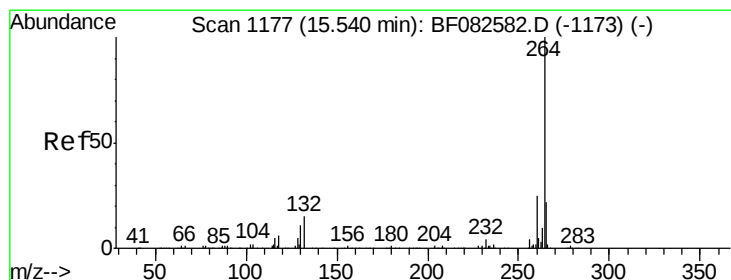
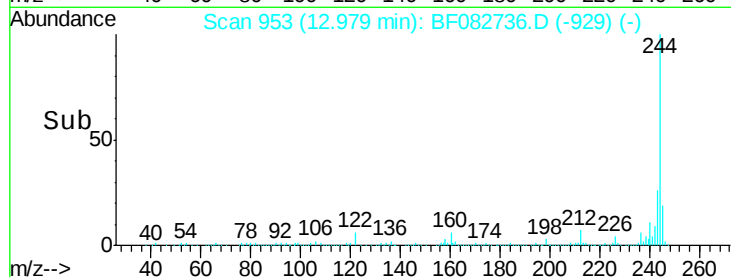
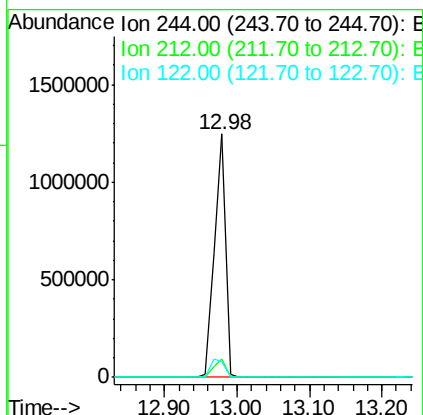
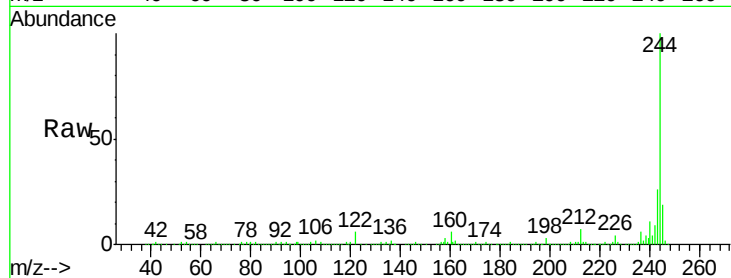




#78
 Terphenyl-d14
 Concen: 175.13 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF082736.D
 Acq: 5 Nov 2015 18:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tgt Ion:244 Resp: 1322065
 Ion Ratio Lower Upper
 244 100
 212 7.3 7.6 11.4#
 122 6.2 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF082736.D
 Acq: 5 Nov 2015 18:32

Tgt Ion:264 Resp: 161349
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 21.1 17.4 26.0

