

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082704.D
 Acq On : 4 Nov 2015 16:47
 Operator : UM/IZ
 Sample : G4240-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(18-20)

Quant Time: Nov 04 23:20:01 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

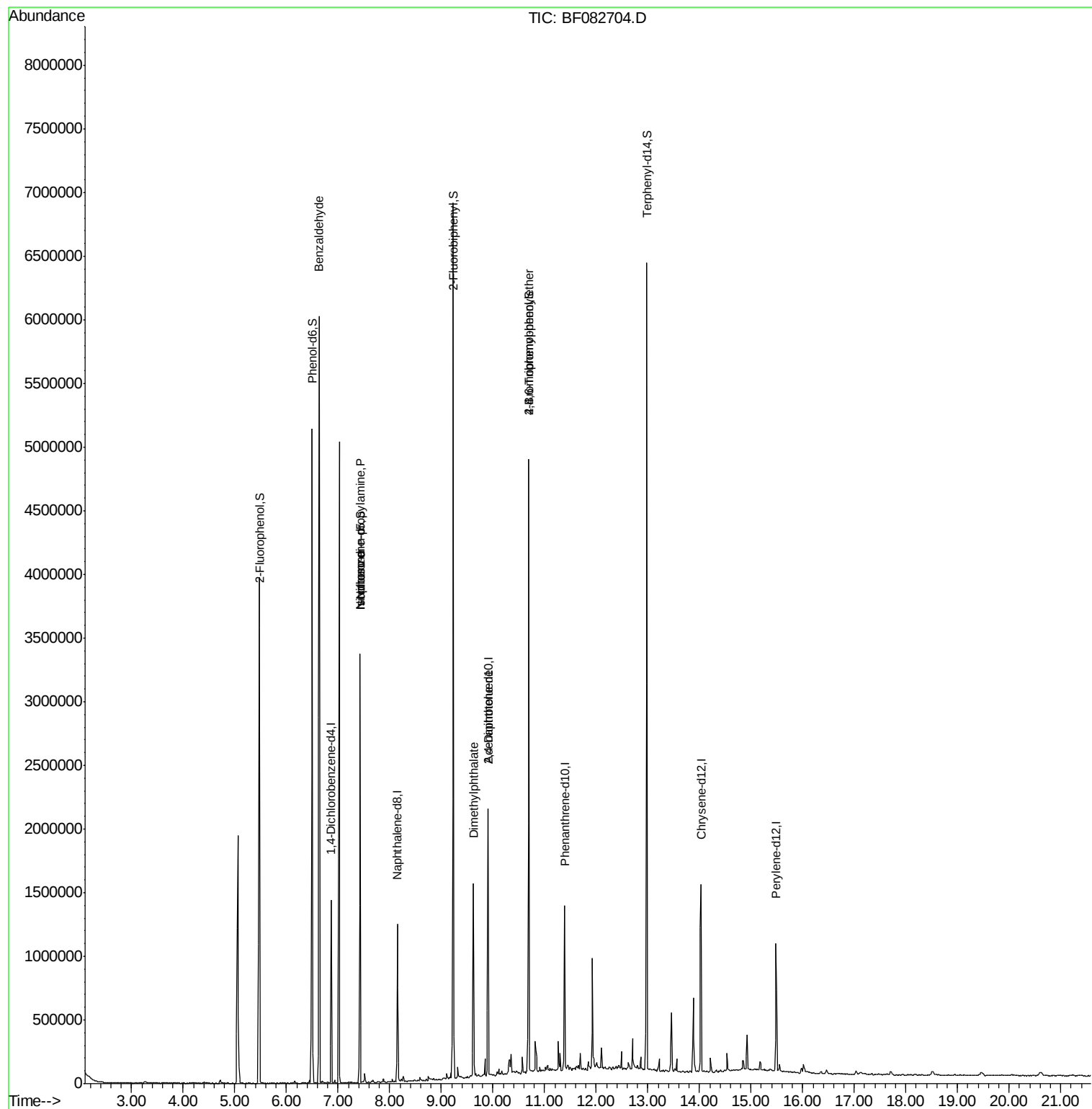
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	191949	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	674917	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	402067	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	714227	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	693293	20.00	ng	-0.02
86) Perylene-d12	15.48	264	527046	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1615931	126.80	ng	0.01
7) Phenol-d6	6.50	99	1842101	108.80	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1266379	76.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	554245	125.96	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2060075	72.75	ng	-0.02
78) Terphenyl-d14	12.98	244	2151180	67.90	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	46413	4.02	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.42	70	177043	13.79	ng	# 72
25) Isophorone	7.42	82	902453	29.68	ng	# 70
49) Dimethylphthalate	9.62	163	562257	17.12	ng	100
56) 2,4-Dinitrotoluene	9.90	165	54463	5.92	ng	# 15
66) 4-Bromophenyl-phenylether	10.69	248	39780	4.91	ng	# 1

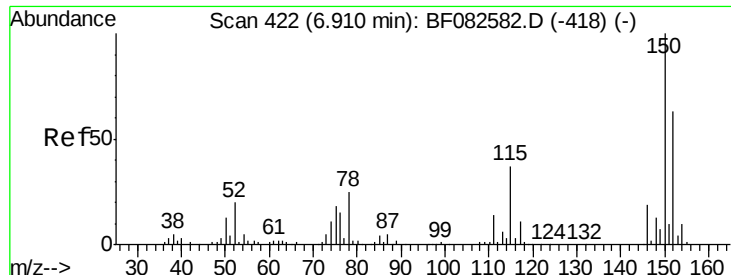
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 04 23:20:01 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082704.D

Acq: 4 Nov 2015 16:47

Instrument :

BNA_F

ClientSampleId :

SB-05(18-20)

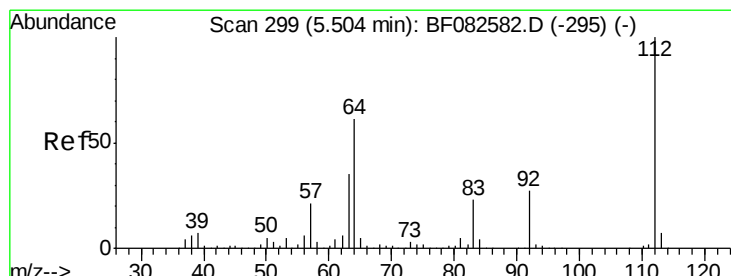
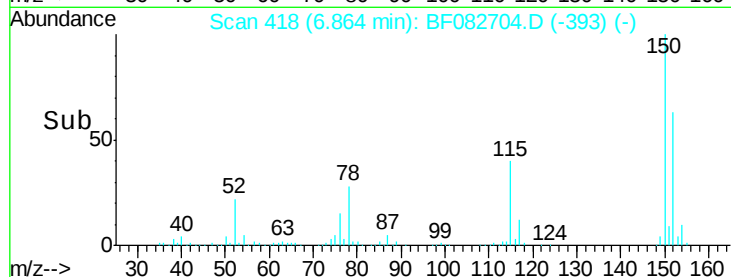
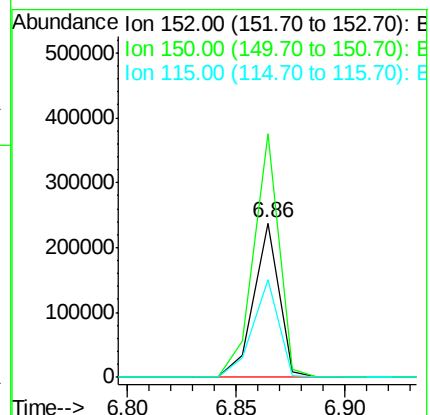
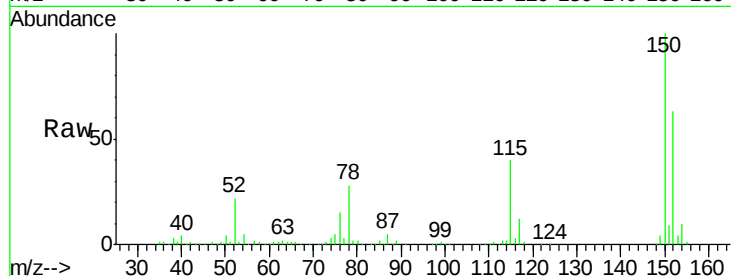
Tgt Ion:152 Resp: 191949

Ion Ratio Lower Upper

152 100

150 157.5 127.0 190.4

115 63.5 47.0 70.6



#5

2-Fluorophenol

Concen: 126.80 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082704.D

Acq: 4 Nov 2015 16:47

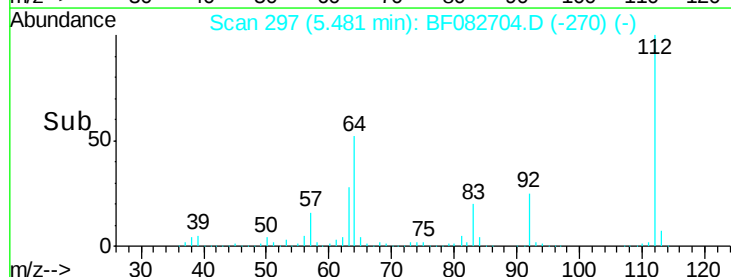
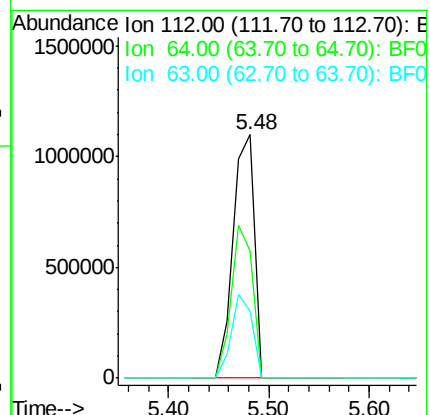
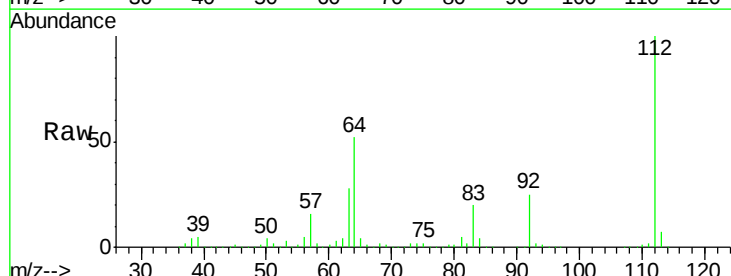
Tgt Ion:112 Resp: 1615931

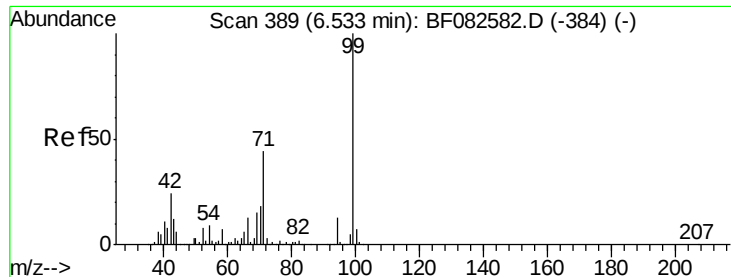
Ion Ratio Lower Upper

112 100

64 52.0 48.9 73.3

63 27.8 28.1 42.1#





#7

Phenol-d6

Concen: 108.80 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082704.D

Acq: 4 Nov 2015 16:47

Instrument :

BNA_F

ClientSampleId :

SB-05(18-20)

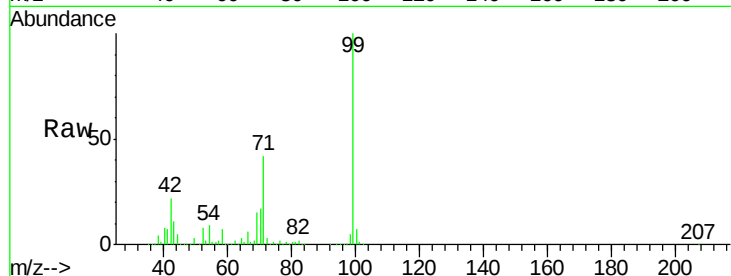
Tgt Ion: 99 Resp: 1842101

Ion Ratio Lower Upper

99 100

42 22.3 19.2 28.8

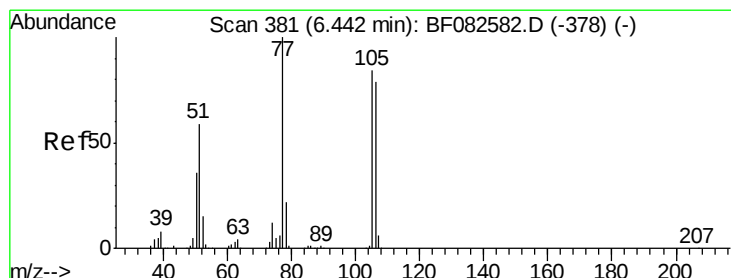
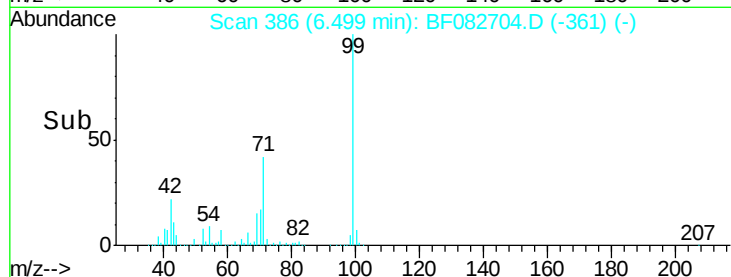
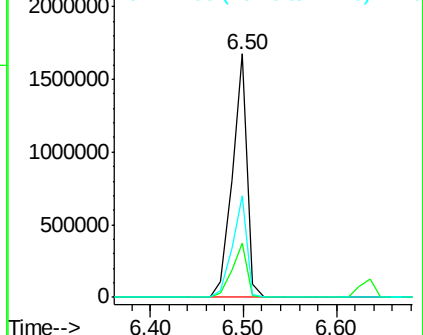
71 41.6 35.0 52.4



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: 4.02 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082704.D

Acq: 4 Nov 2015 16:47

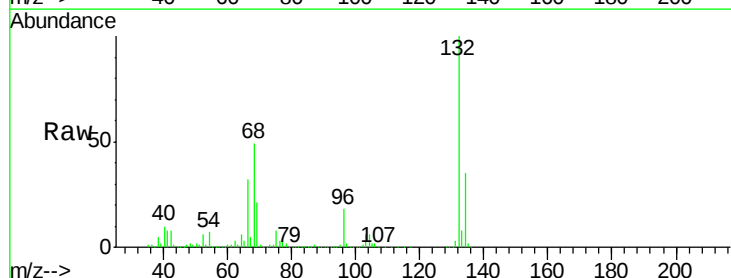
Tgt Ion: 77 Resp: 46413

Ion Ratio Lower Upper

77 100

105 77.3 63.5 103.5

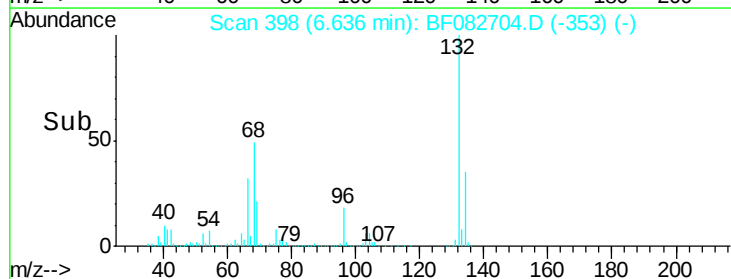
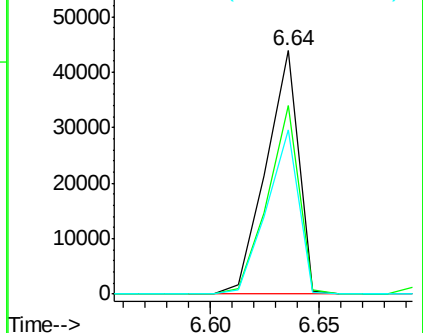
106 67.2 59.3 99.3

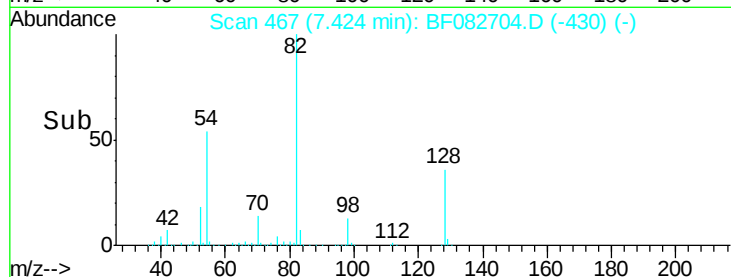
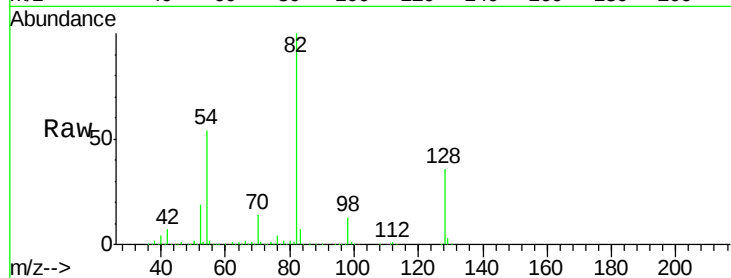
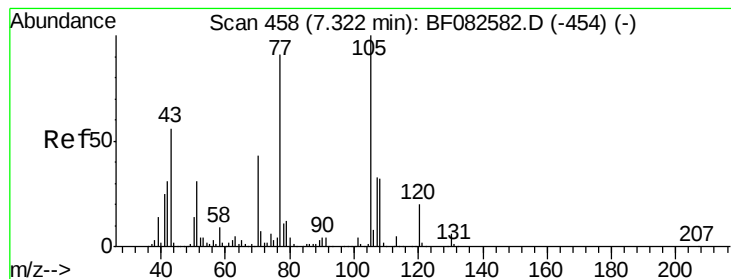


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 13.79 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082704.D

Acq: 4 Nov 2015 16:47

Instrument :

BNA_F

ClientSampleId :

SB-05(18-20)

Tgt Ion: 70 Resp: 177043

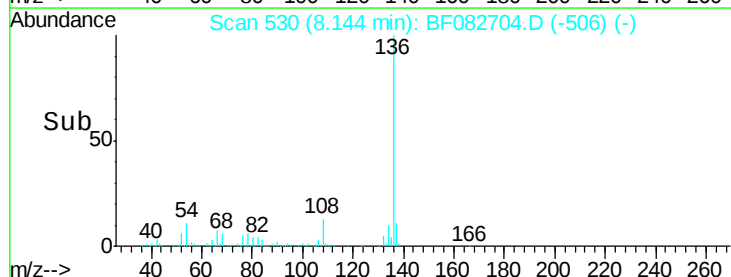
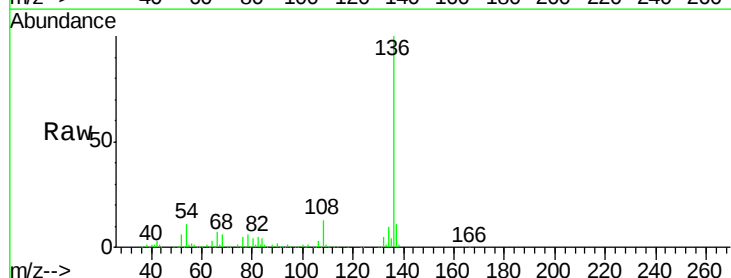
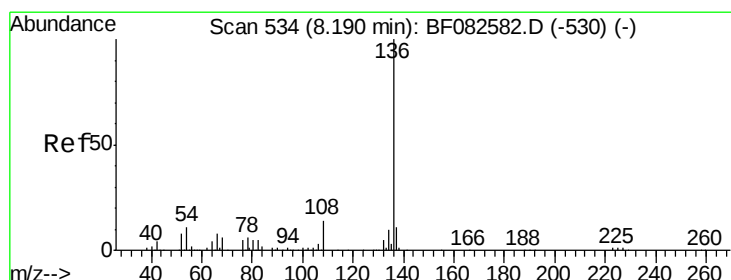
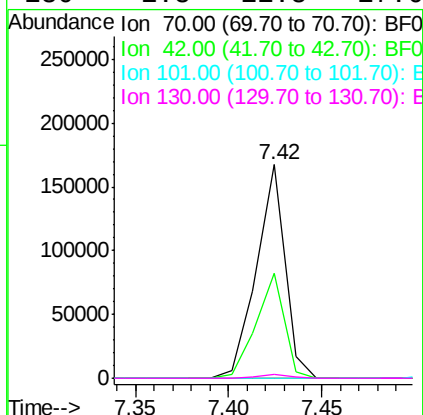
Ion Ratio Lower Upper

70 100

42 49.2 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 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: BF082704.D

Acq: 4 Nov 2015 16:47

Tgt Ion:136 Resp: 674917

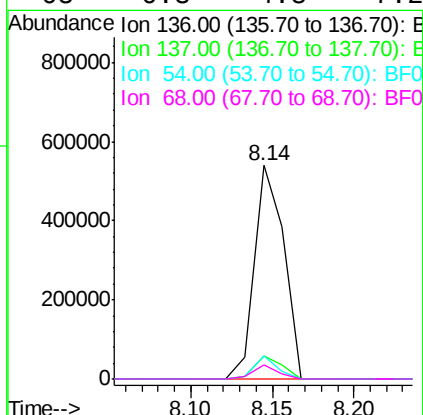
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.9 9.1 13.7

68 6.3 4.8 7.2

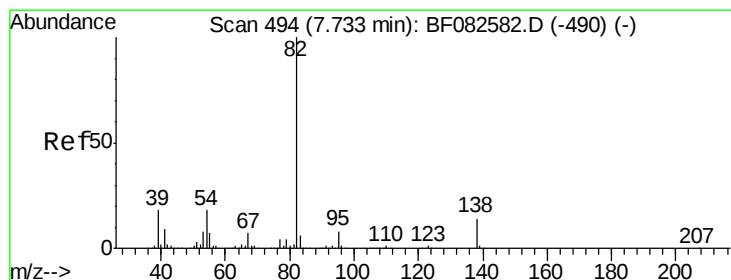
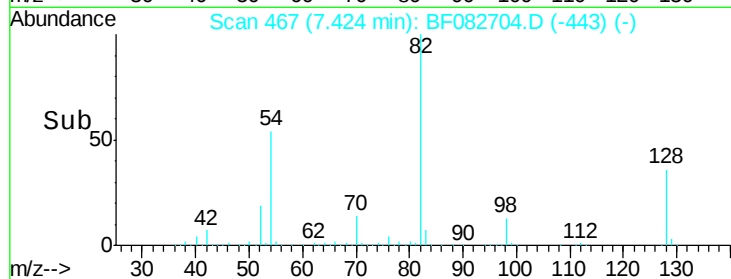
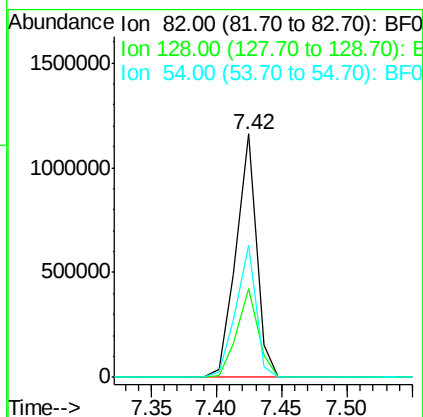
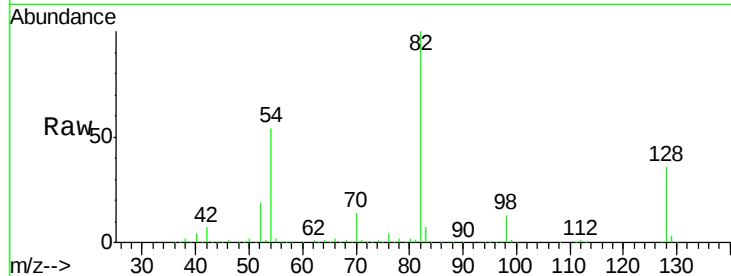




#23
 Nitrobenzene-d5
 Concen: 76.62 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082704.D
 Acq: 4 Nov 2015 16:47

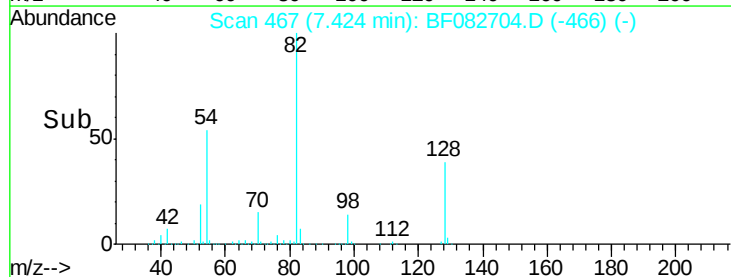
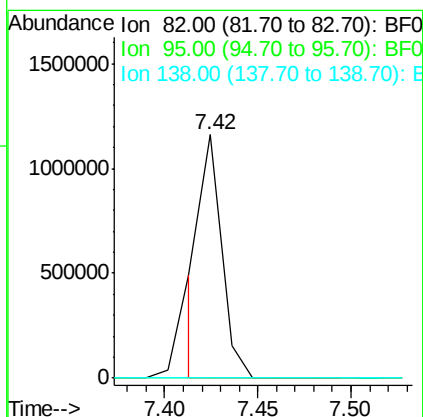
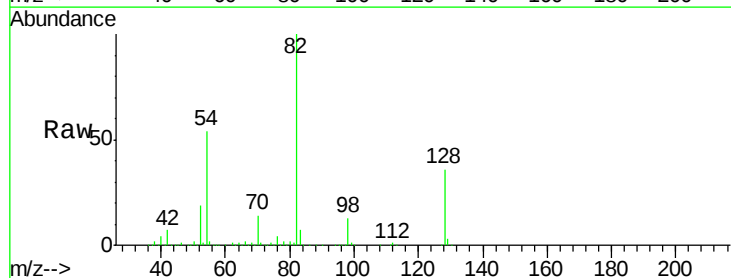
Instrument :
 BNA_F
 ClientSampleId :
 SB-05(18-20)

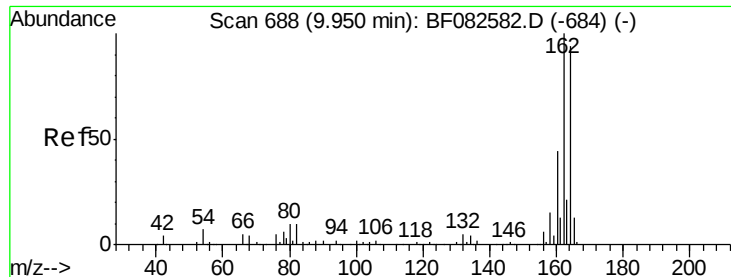
Tgt Ion: 82 Resp: 1266379
 Ion Ratio Lower Upper
 82 100
 128 36.2 26.8 40.2
 54 54.5 45.7 68.5



#25
 Isophorone
 Concen: 29.68 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.29 min
 Lab File: BF082704.D
 Acq: 4 Nov 2015 16:47

Tgt Ion: 82 Resp: 902453
 Ion Ratio Lower Upper
 82 100
 95 0.1 6.6 9.8#
 138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082704.D

Acq: 4 Nov 2015 16:47

Instrument :

BNA_F

ClientSampleId :

SB-05(18-20)

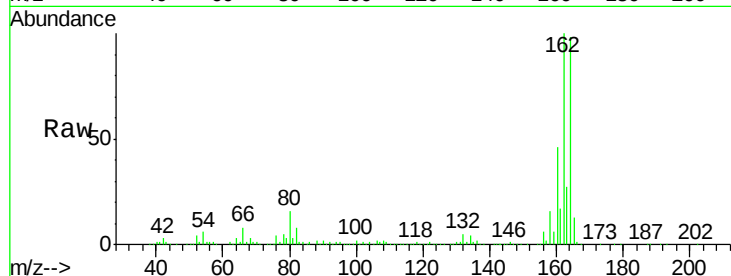
Tgt Ion:164 Resp: 402067

Ion Ratio Lower Upper

164 100

162 102.1 84.9 127.3

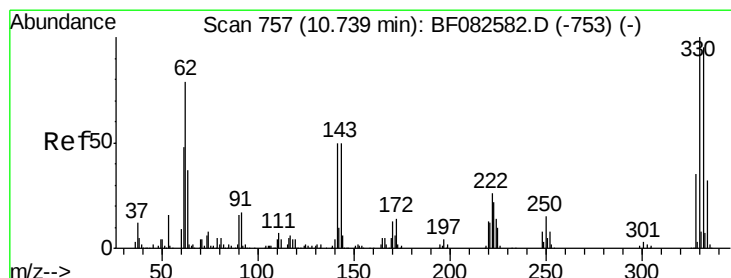
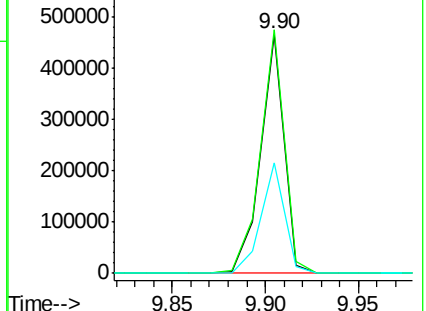
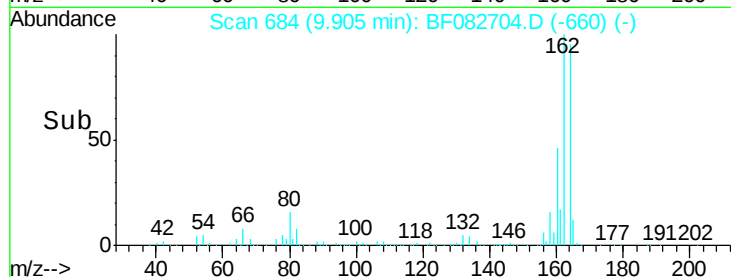
160 46.6 37.5 56.3



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: 125.96 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF082704.D

Acq: 4 Nov 2015 16:47

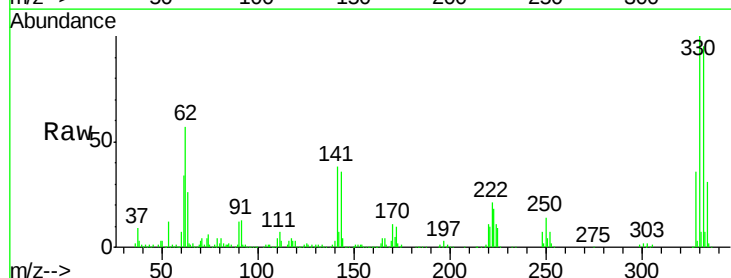
Tgt Ion:330 Resp: 554245

Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

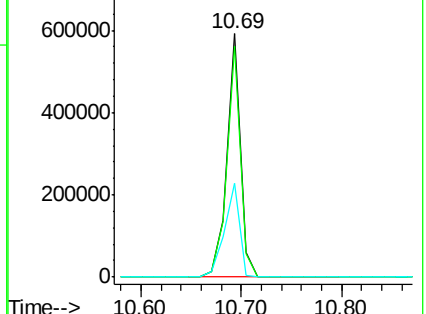
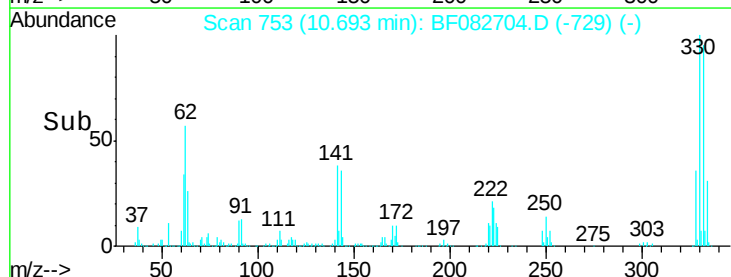
141 42.7 41.2 61.8

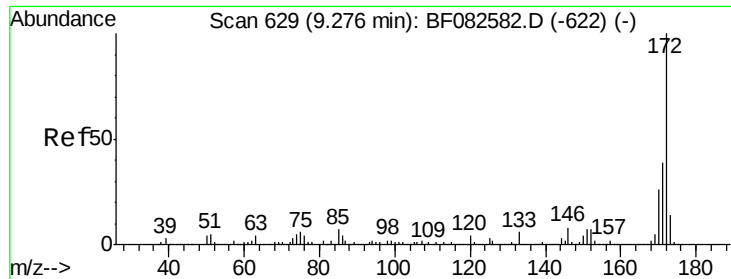


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

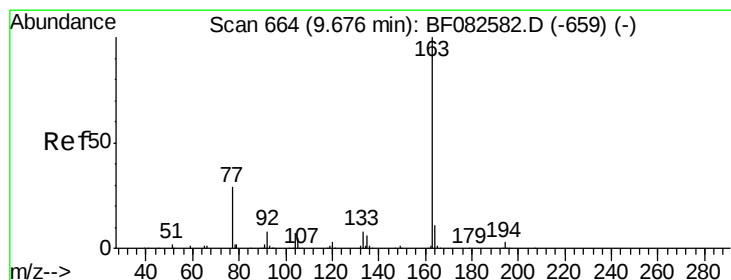
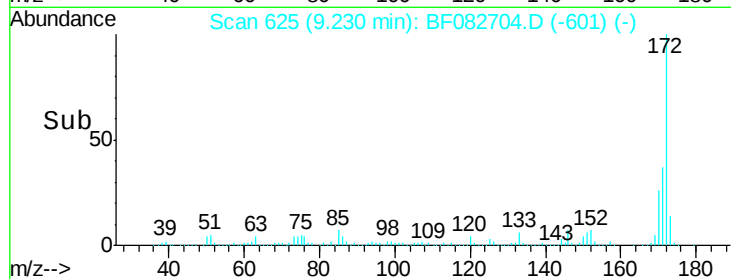
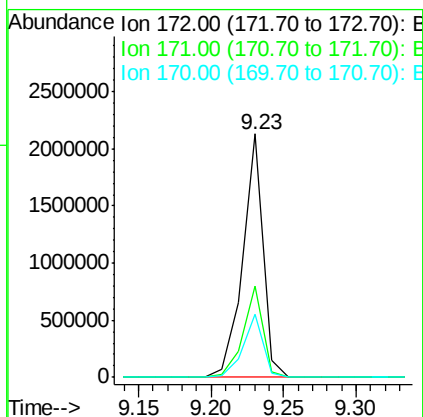
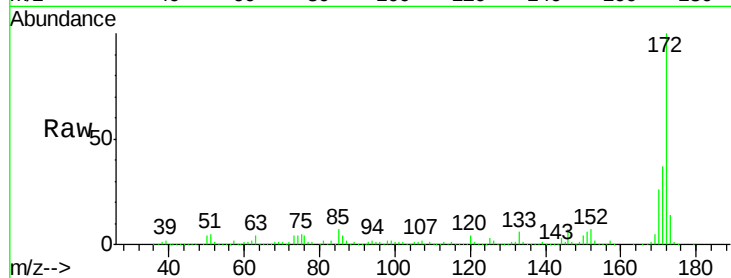




#44
 2-Fluorobiphenyl
 Concen: 72.75 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082704.D
 Acq: 4 Nov 2015 16:47

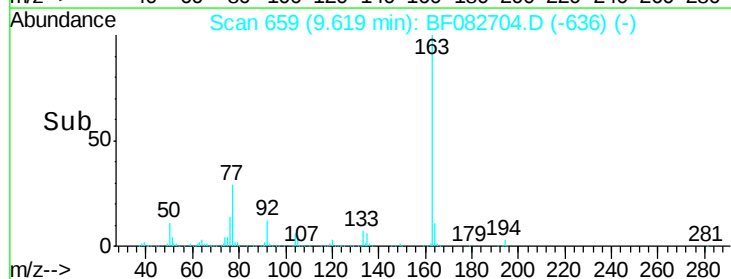
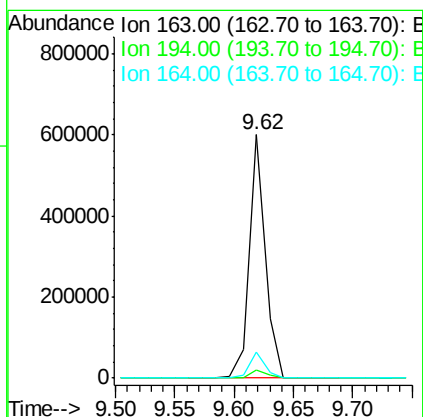
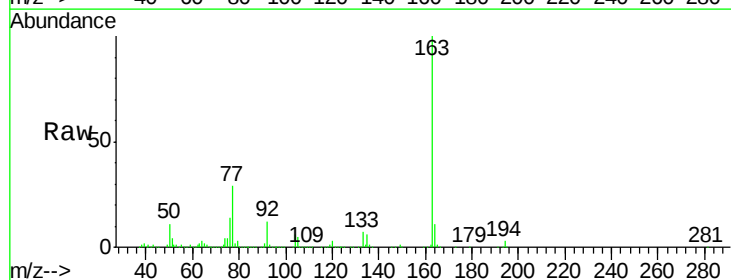
Instrument :
 BNA_F
 ClientSampled :
 SB-05(18-20)

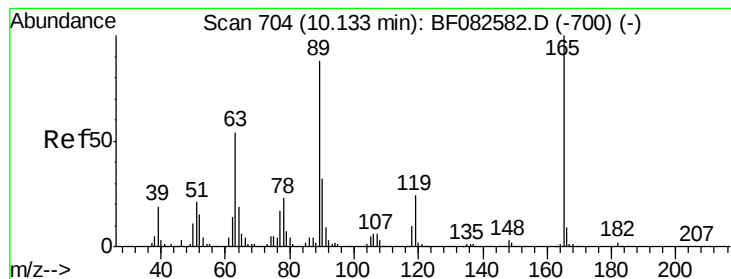
Tgt Ion:172 Resp: 2060075
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.7 21.2 31.8



#49
 Dimethylphthalate
 Concen: 17.12 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF082704.D
 Acq: 4 Nov 2015 16:47

Tgt Ion:163 Resp: 562257
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.8 8.7 13.1





#56

2,4-Dinitrotoluene

Concen: 5.92 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082704.D

Acq: 4 Nov 2015 16:47

Instrument :

BNA_F

ClientSampleId :

SB-05(18-20)

Tgt Ion:165 Resp: 54463

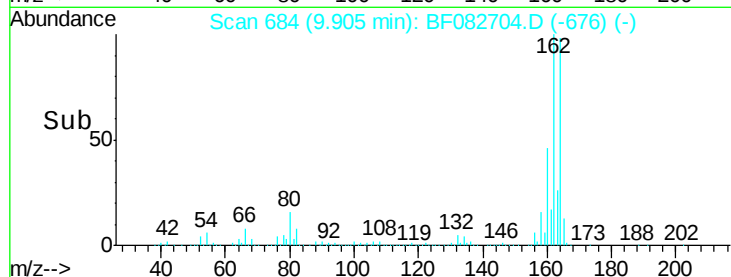
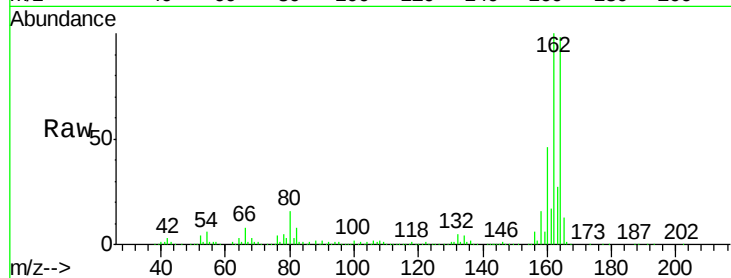
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 1.6 70.6 106.0#

182 0.0 1.5 2.3#

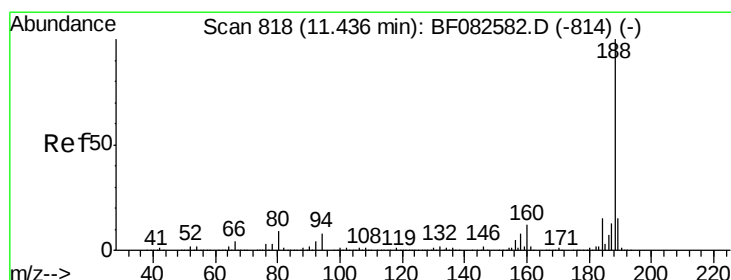
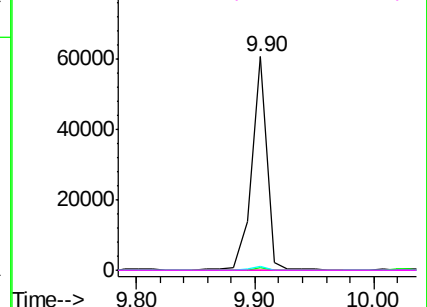


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF082704.D

Acq: 4 Nov 2015 16:47

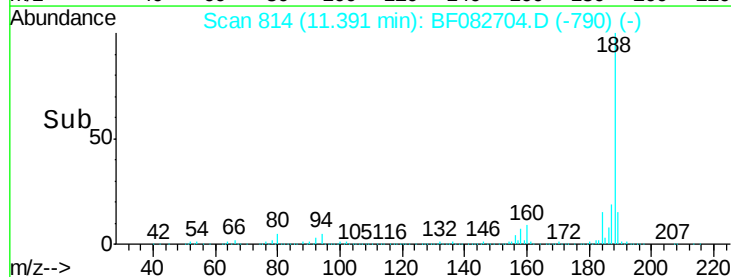
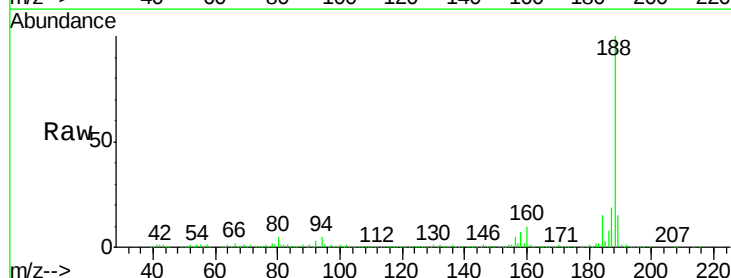
Tgt Ion:188 Resp: 714227

Ion Ratio Lower Upper

188 100

94 4.7 6.1 9.1#

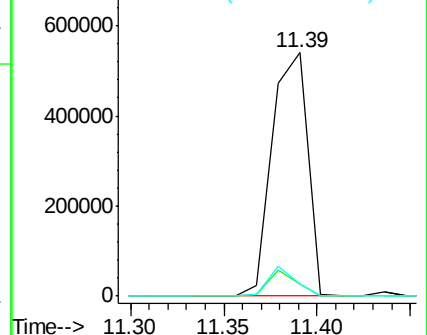
80 4.9 7.0 10.6#

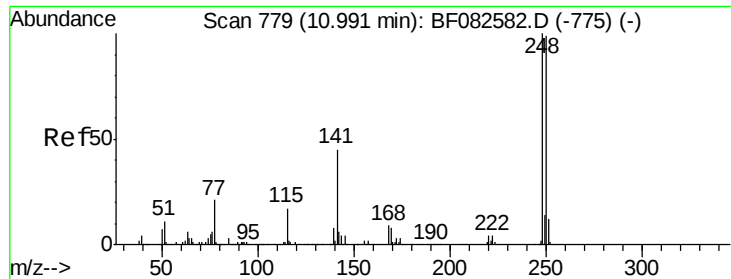


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

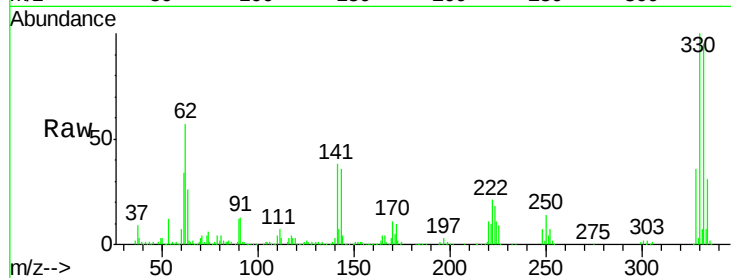




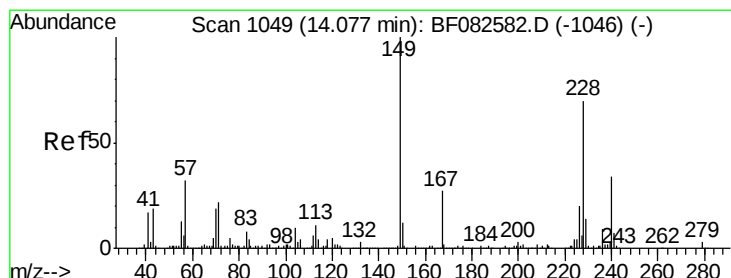
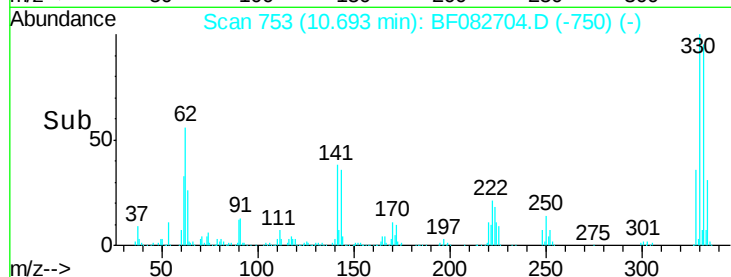
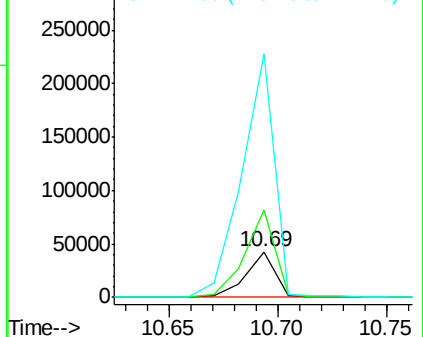
#66
4-Bromophenyl-phenylether
Concen: 4.91 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082704.D
Acq: 4 Nov 2015 16:47

Instrument :
BNA_F
ClientSampleId :
SB-05(18-20)

Tgt Ion:248 Resp: 39780
Ion Ratio Lower Upper
248 100
250 194.0 79.4 119.2#
141 538.0 36.3 54.5#

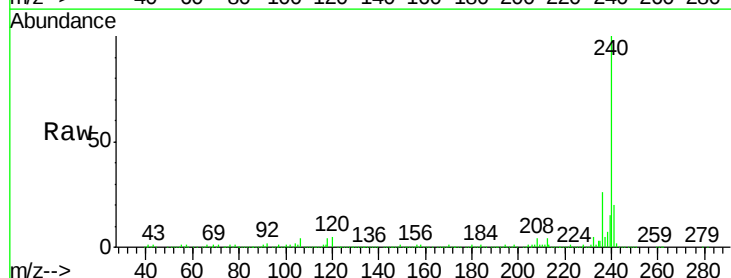


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

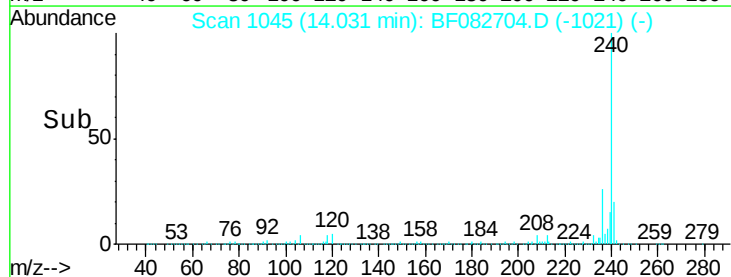
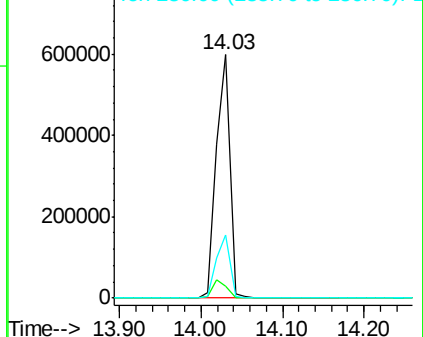


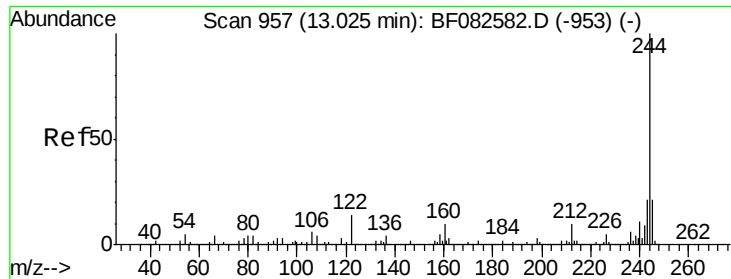
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF082704.D
Acq: 4 Nov 2015 16:47

Tgt Ion:240 Resp: 693293
Ion Ratio Lower Upper
240 100
120 5.0 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

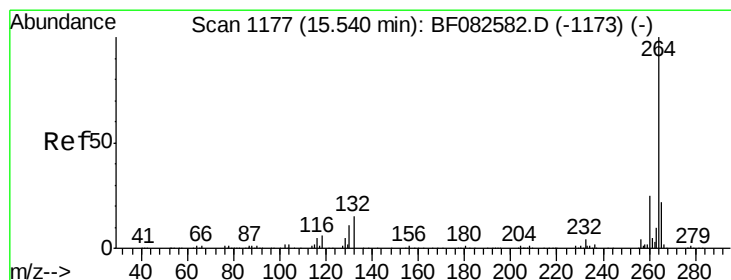
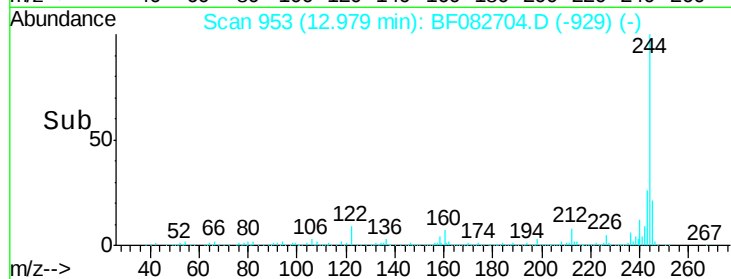
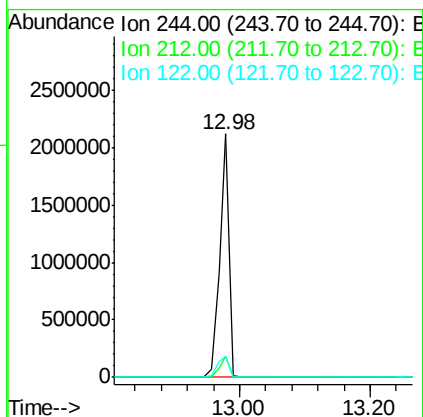
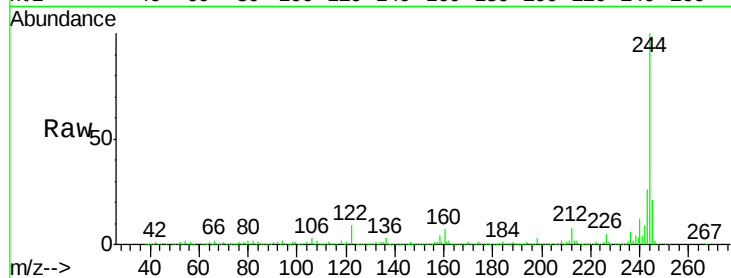




#78
 Terphenyl-d14
 Concen: 67.90 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF082704.D
 Acq: 4 Nov 2015 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(18-20)

Tgt Ion:244 Resp: 2151180
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 8.7 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF082704.D
 Acq: 4 Nov 2015 16:47

Tgt Ion:264 Resp: 527046
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 21.6 17.4 26.0

