

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091281.D
 Acq On : 23 Nov 2016 18:12
 Operator : UM/SJ
 Sample : H5723-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T12-13-5HCOMP-1

Quant Time: Nov 23 23:59:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

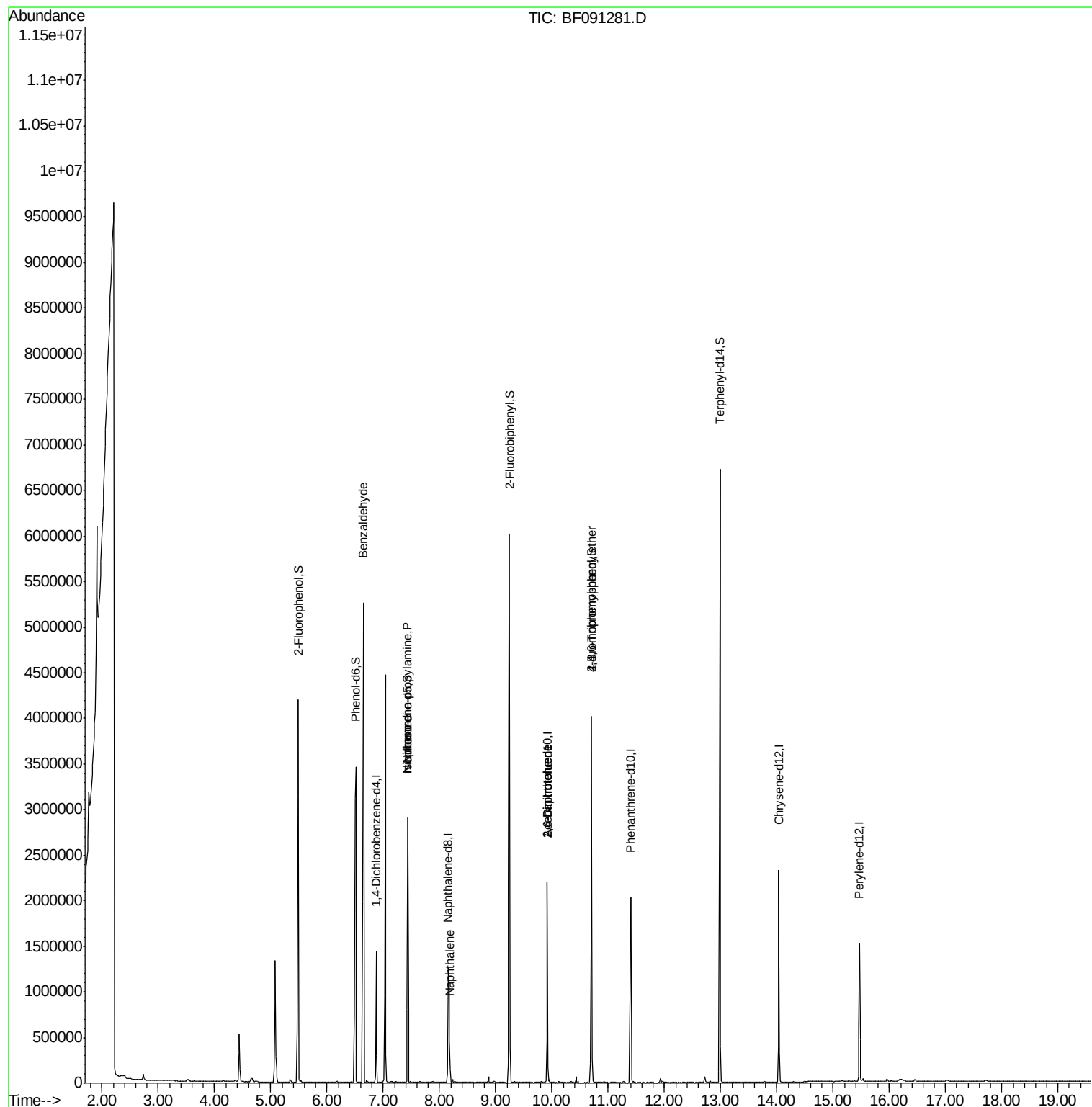
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	191129	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	792820	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	471538	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	848288	20.00	ng	0.00
75) Chrysene-d12	14.03	240	809010	20.00	ng	-0.01
86) Perylene-d12	15.47	264	711731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1381332	116.12	ng	0.02
7) Phenol-d6	6.51	99	1686131	110.32	ng	0.01
23) Nitrobenzene-d5	7.44	82	968369	70.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	515799	108.47	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1965998	68.27	ng	0.00
78) Terphenyl-d14	12.99	244	2223536	62.77	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	34502	3.10	ng	83
19) n-Nitroso-di-n-propylamine	7.44	70	130819	13.64	ng	# 75
25) Isophorone	7.44	82	796858	30.97	ng	# 67
31) Naphthalene	8.18	128	206960	5.43	ng	99
50) 2,6-Dinitrotoluene	9.92	165	62414	9.71	ng	# 16
56) 2,4-Dinitrotoluene	9.92	165	62416	7.67	ng	# 33
66) 4-Bromophenyl-phenylether	10.70	248	33082	3.57	ng	# 1

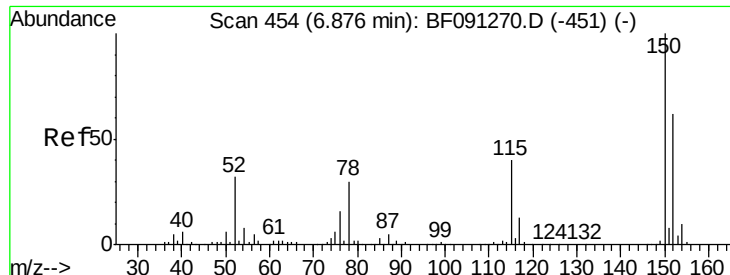
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091281.D

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Instrument :

BNA_F

ClientSampleId :

T12-13-5HCOMP-1

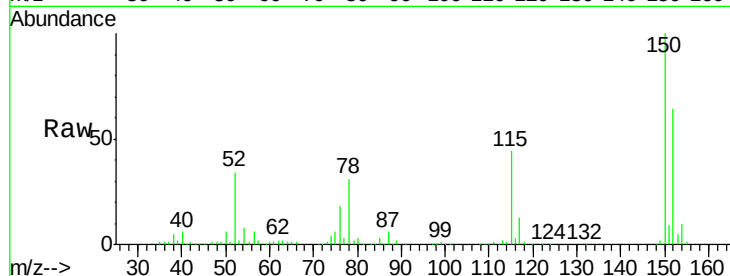
Tgt Ion:152 Resp: 191129

Ion Ratio Lower Upper

152 100

150 157.1 122.5 183.7

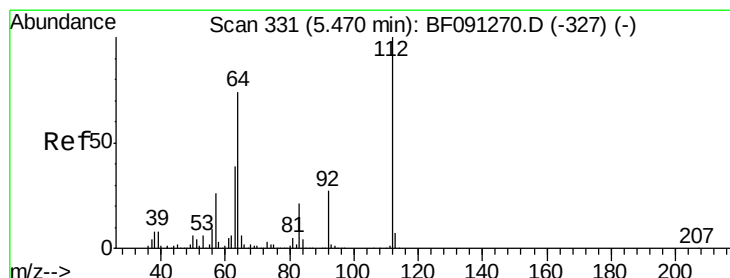
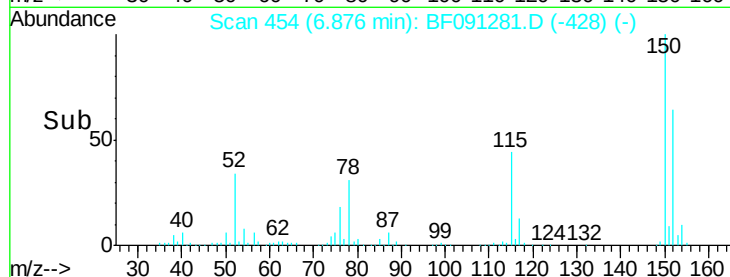
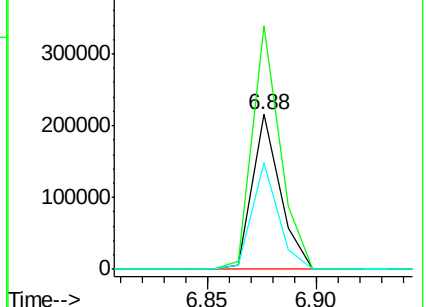
115 68.6 51.8 77.8



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: 116.12 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091281.D

Acq: 23 Nov 2016 18:12

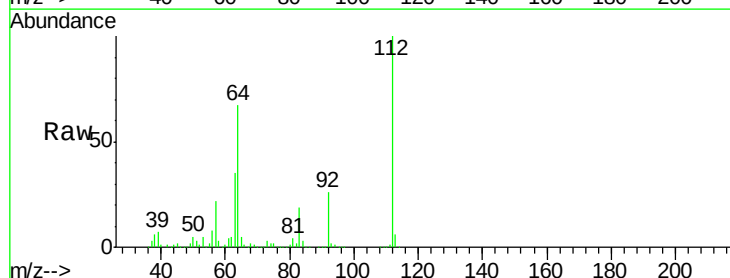
Tgt Ion:112 Resp: 1381332

Ion Ratio Lower Upper

112 100

64 66.6 61.5 92.3

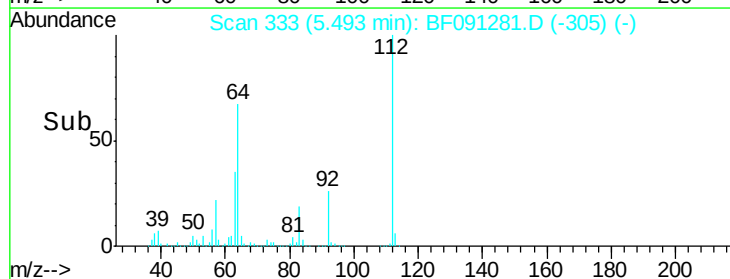
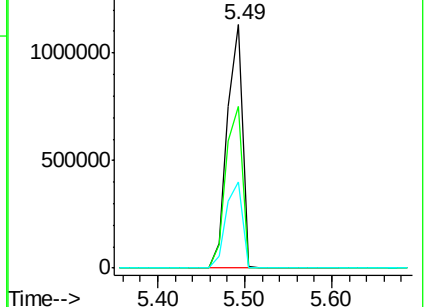
63 35.4 33.3 49.9

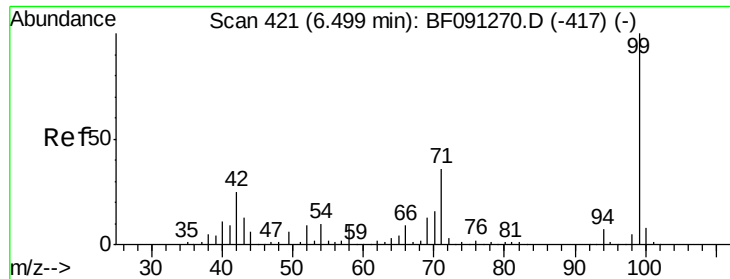


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.32 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091281.D

Acq: 23 Nov 2016 18:12

Instrument :

BNA_F

ClientSampleId :

T12-13-5HCOMP-1

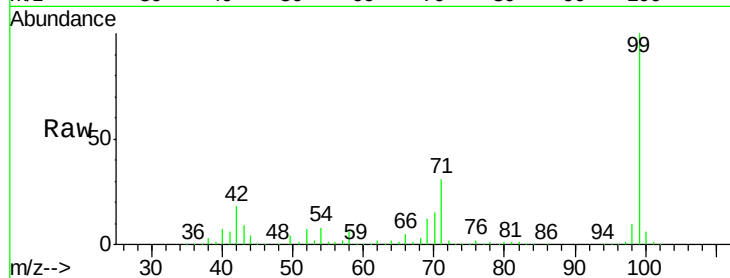
Tgt Ion: 99 Resp: 1686131

Ion Ratio Lower Upper

99 100

42 17.5 20.6 31.0#

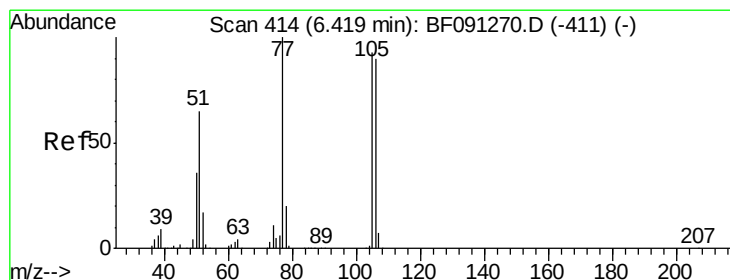
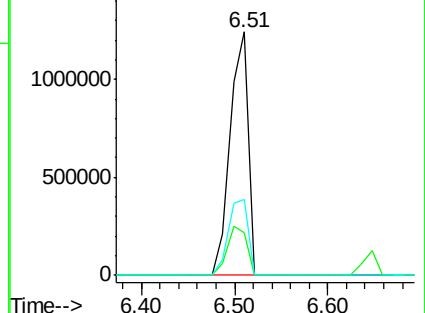
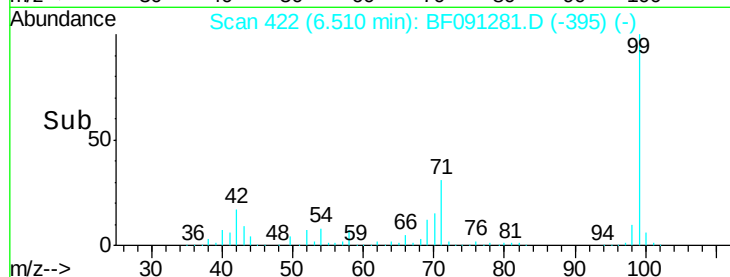
71 31.4 29.9 44.9



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: 3.10 ng

RT: 6.65 min Scan# 434

Delta R.T. 0.23 min

Lab File: BF091281.D

Acq: 23 Nov 2016 18:12

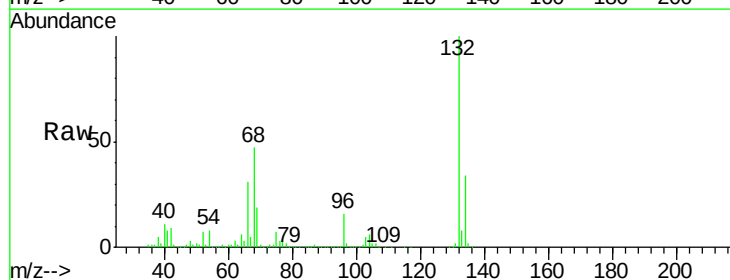
Tgt Ion: 77 Resp: 34502

Ion Ratio Lower Upper

77 100

105 73.8 66.4 106.4

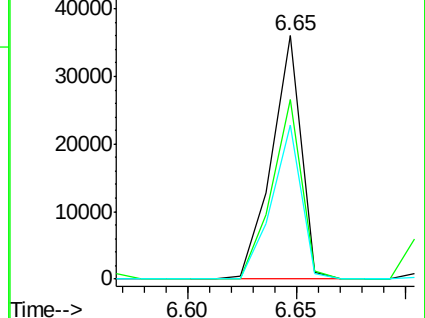
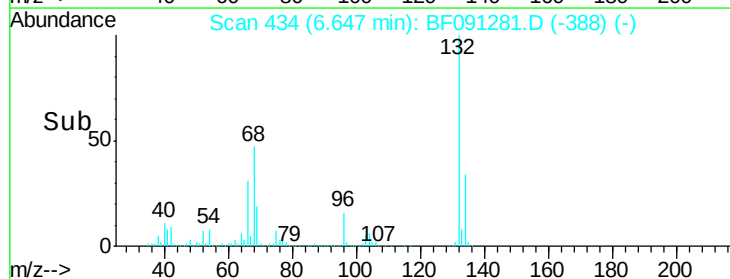
106 63.5 60.9 100.9

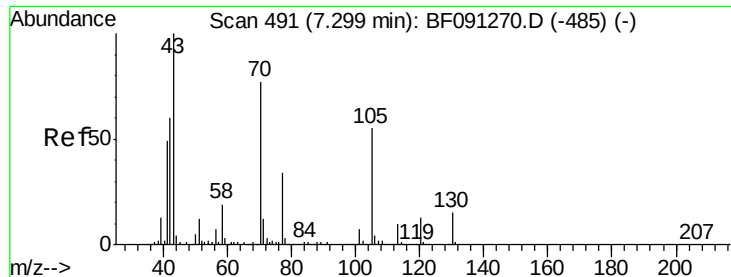


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 13.64 ng

RT: 7.44 min Scan# 503

Delta R.T. 0.14 min

Lab File: BF091281.D

Acq: 23 Nov 2016 18:12

Instrument :

BNA_F

ClientSampleId :

T12-13-5HCOMP-1

Tgt Ion: 70 Resp: 130819

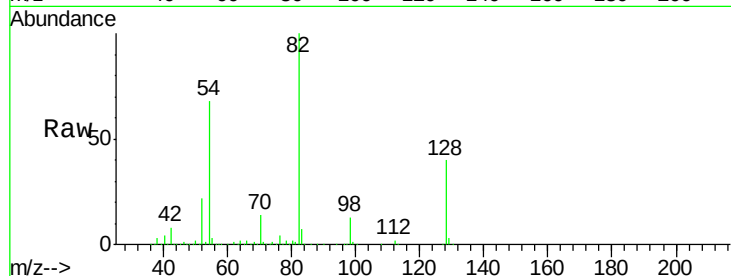
Ion Ratio Lower Upper

70 100

42 59.8 64.8 97.2#

101 0.0 6.2 9.4#

130 2.2 11.7 17.5#

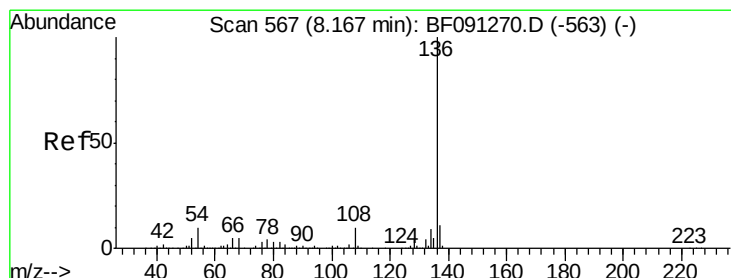
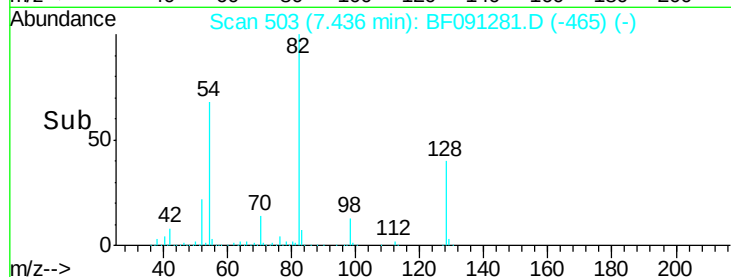
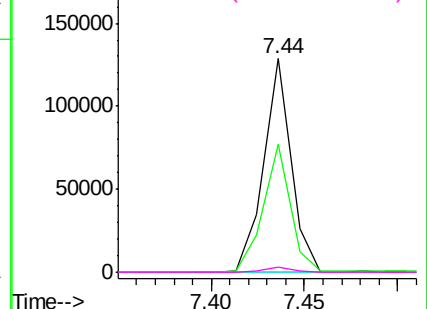


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF091281.D

Acq: 23 Nov 2016 18:12

Tgt Ion: 136 Resp: 792820

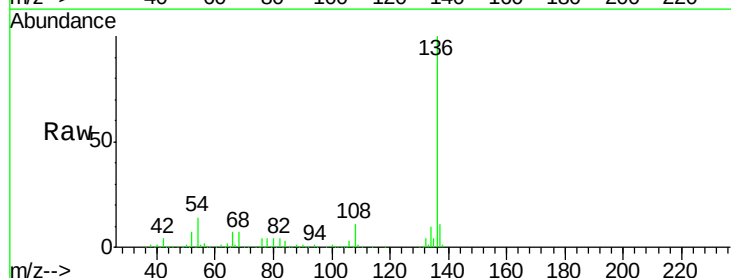
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 14.4 9.1 13.7#

68 6.6 5.9 8.9

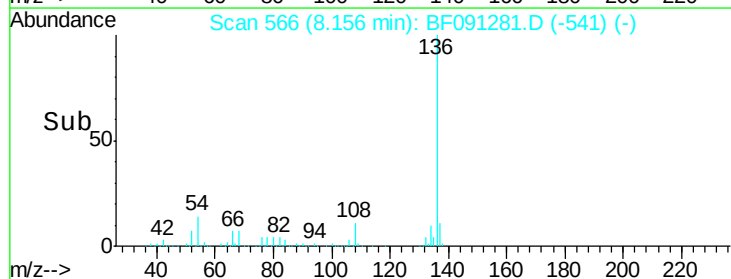
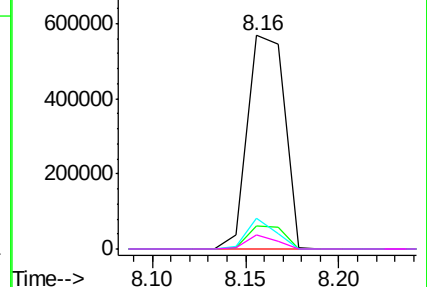


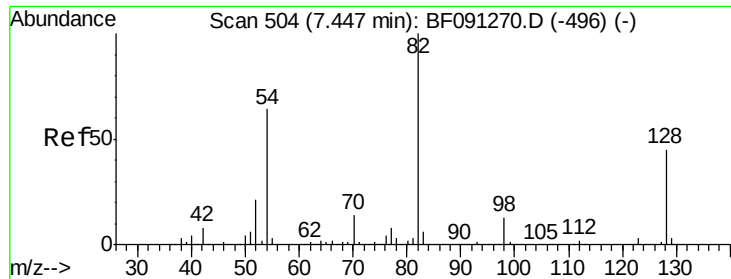
Abundance Ion 136.00 (135.70 to 136.70): E

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

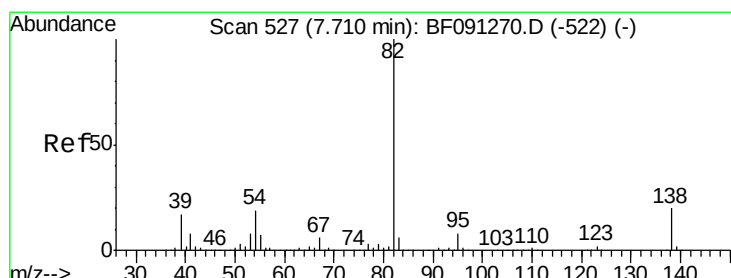
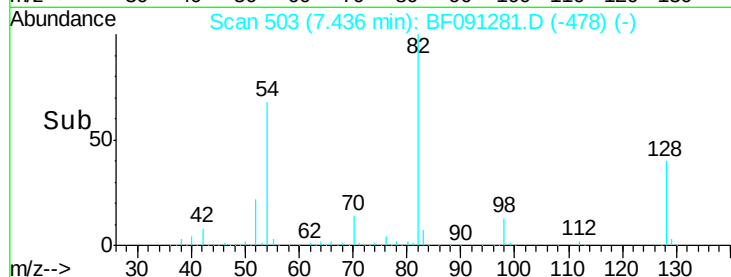
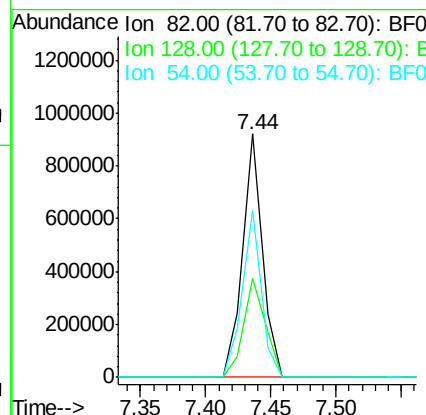
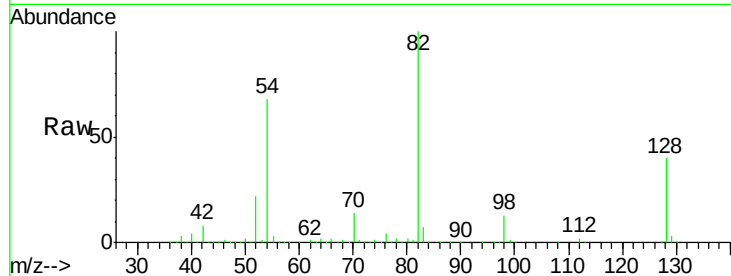




#23
 Nitrobenzene-d5
 Concen: 70.32 ng
 RT: 7.44 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF091281.D
 Acq: 23 Nov 2016 18:12

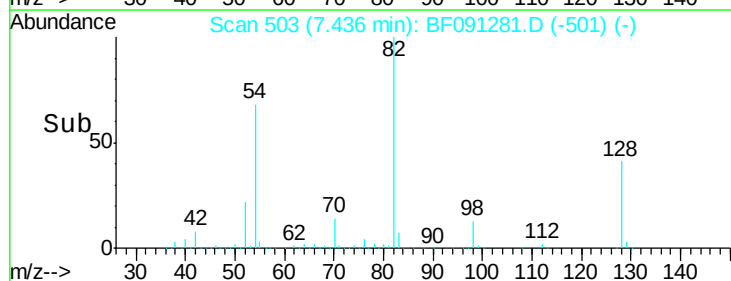
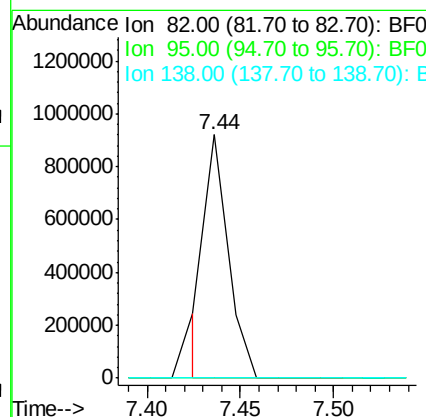
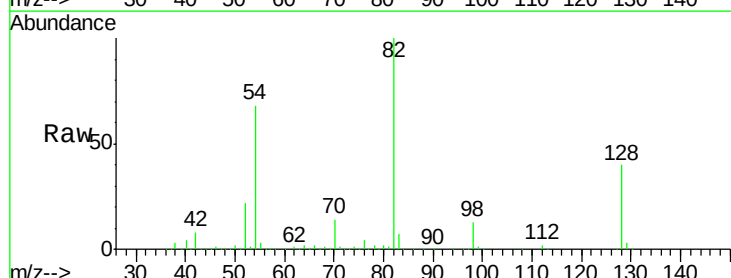
Instrument :
 BNA_F
 ClientSampleId :
 T12-13-5HCOMP-1

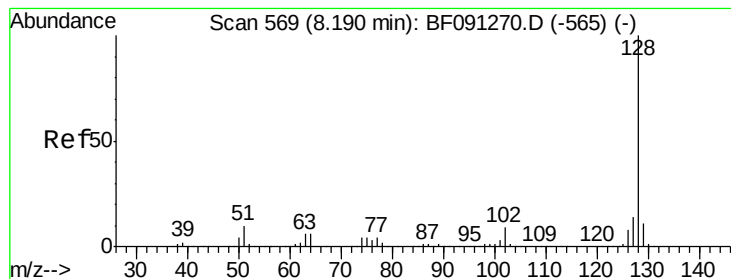
Tgt Ion: 82 Resp: 968369
 Ion Ratio Lower Upper
 82 100
 128 40.5 31.8 47.6
 54 68.4 49.1 73.7



#25
 Isophorone
 Concen: 30.97 ng
 RT: 7.44 min Scan# 503
 Delta R.T. -0.27 min
 Lab File: BF091281.D
 Acq: 23 Nov 2016 18:12

Tgt Ion: 82 Resp: 796858
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.4 20.0#





#31

Naphthalene

Concen: 5.43 ng

RT: 8.18 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF091281.D

Acq: 23 Nov 2016 18:12

Instrument :

BNA_F

ClientSampleId :

T12-13-5HCOMP-1

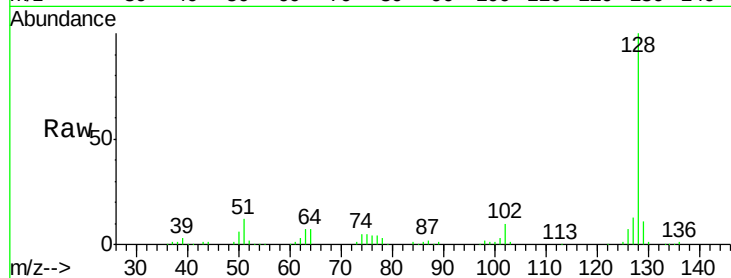
Tgt Ion:128 Resp: 206960

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

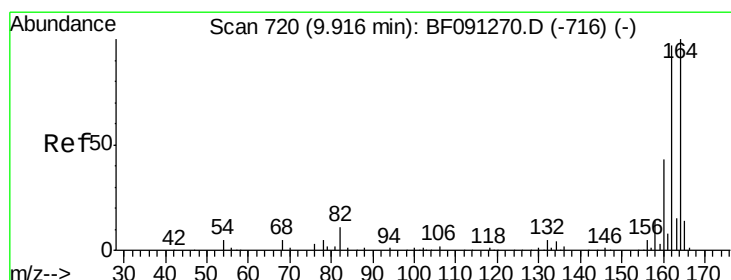
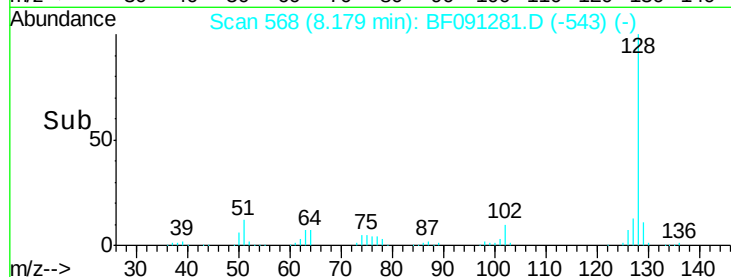
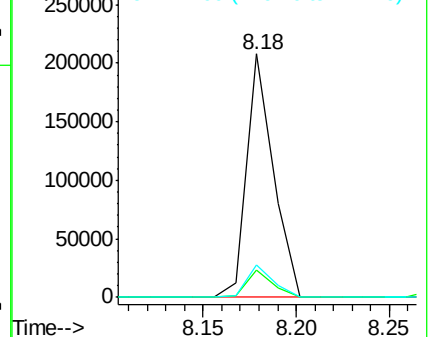
127 13.1 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF091281.D

Acq: 23 Nov 2016 18:12

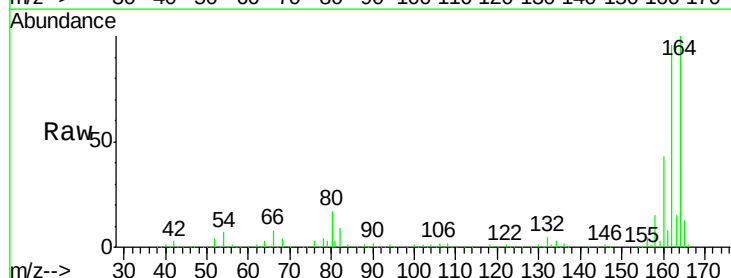
Tgt Ion:164 Resp: 471538

Ion Ratio Lower Upper

164 100

162 96.2 82.6 124.0

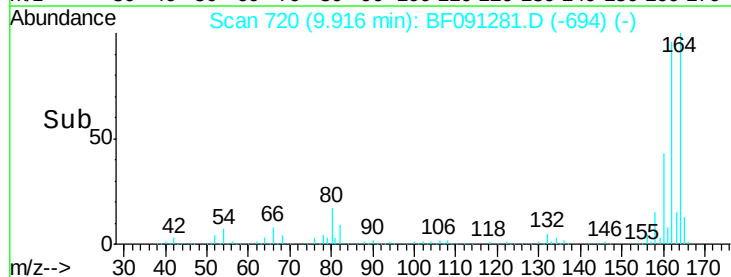
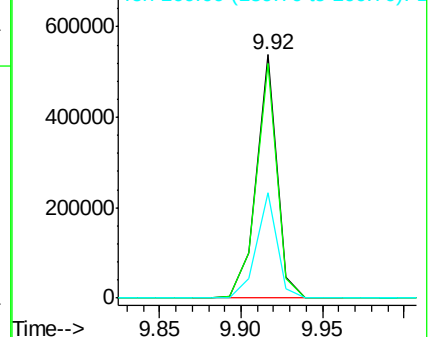
160 43.1 36.7 55.1

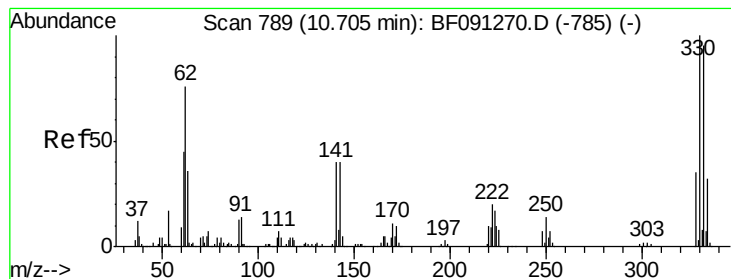


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

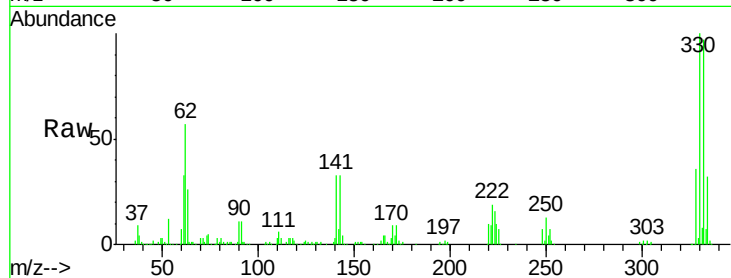




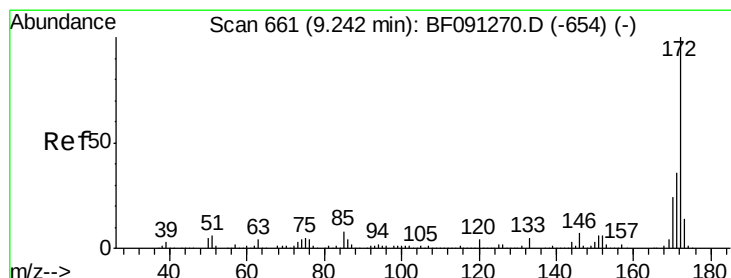
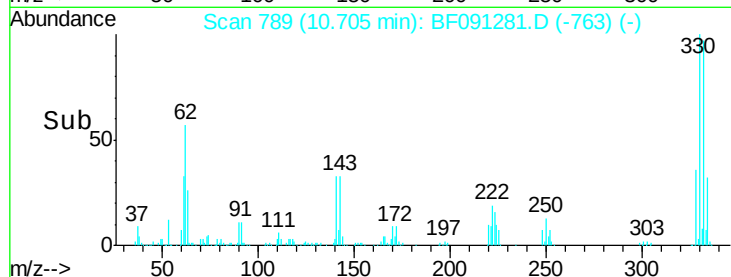
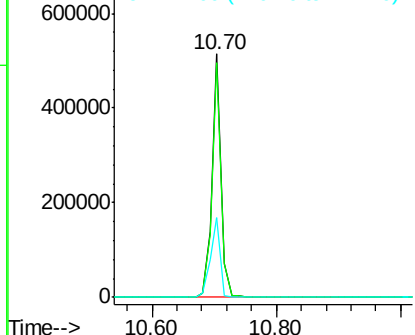
#41
 2,4,6-Tribromophenol
 Concen: 108.47 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091281.D
 Acq: 23 Nov 2016 18:12

Instrument :
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 ClientSampleId :
 T12-13-5HCOMP-1

Tgt Ion:330 Resp: 515799
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 35.2 33.6 50.4

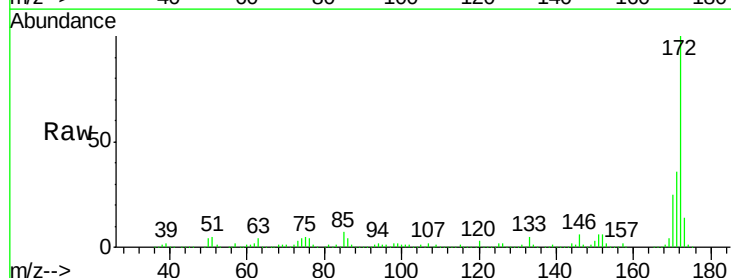


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

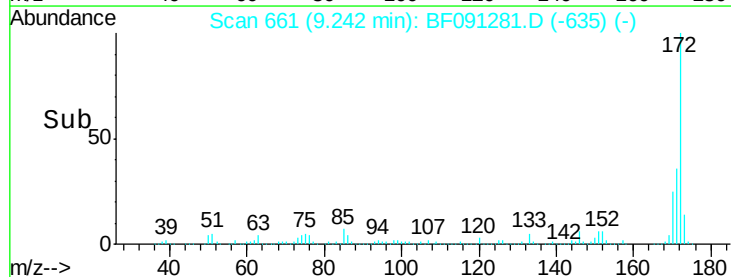
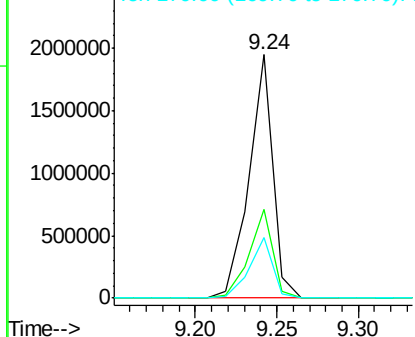


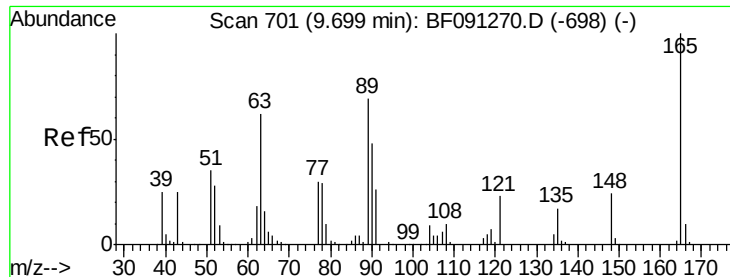
#44
 2-Fluorobiphenyl
 Concen: 68.27 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091281.D
 Acq: 23 Nov 2016 18:12

Tgt Ion:172 Resp: 1965998
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.7 19.7 29.5



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

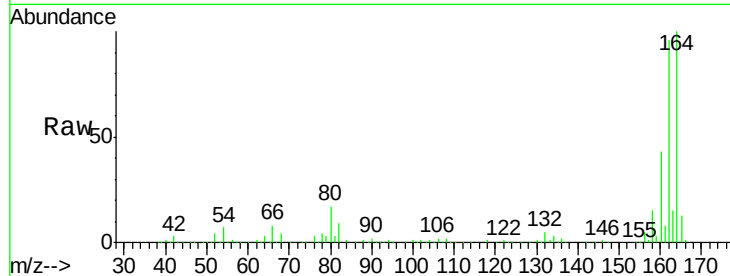




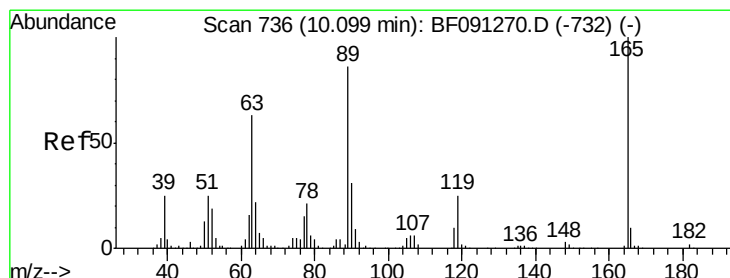
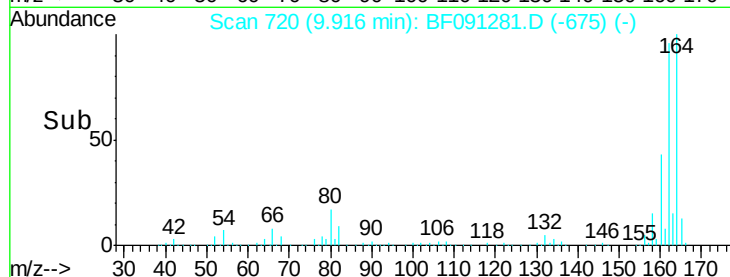
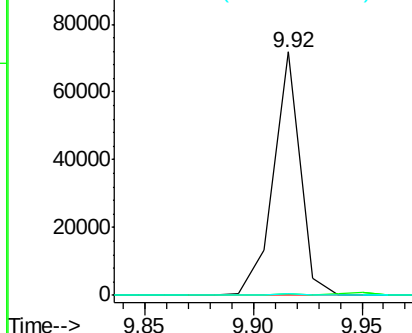
#50
 2,6-Dinitrotoluene
 Concen: 9.71 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.22 min
 Lab File: BF091281.D
 Acq: 23 Nov 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 T12-13-5HCOMP-1

Tgt Ion:165 Resp: 62414
 Ion Ratio Lower Upper
 165 100
 63 0.9 59.4 89.0#
 89 1.0 50.8 76.2#

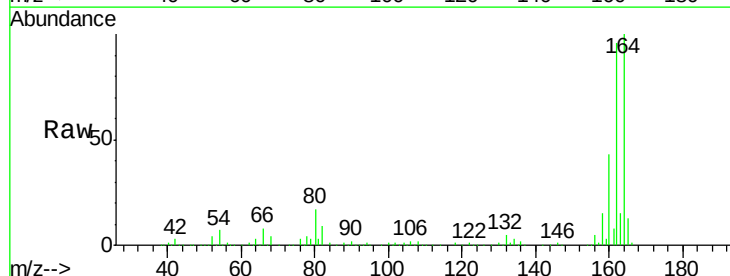


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

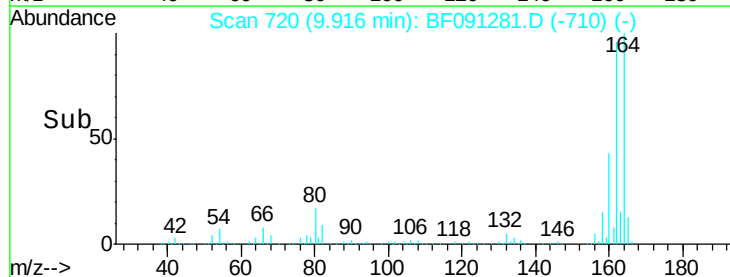
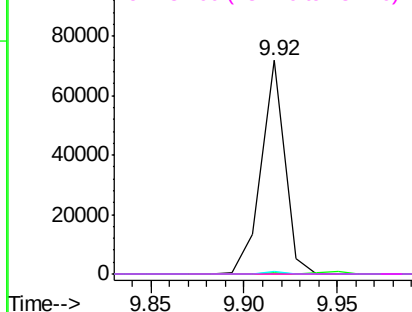


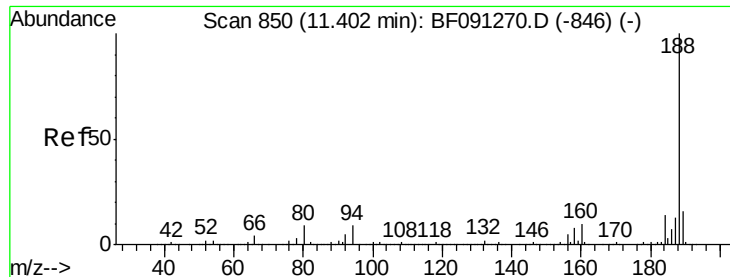
#56
 2,4-Dinitrotoluene
 Concen: 7.67 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.18 min
 Lab File: BF091281.D
 Acq: 23 Nov 2016 18:12

Tgt Ion:165 Resp: 62416
 Ion Ratio Lower Upper
 165 100
 63 0.9 29.0 43.4#
 89 1.0 43.1 64.7#
 182 0.0 1.9 2.9#



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

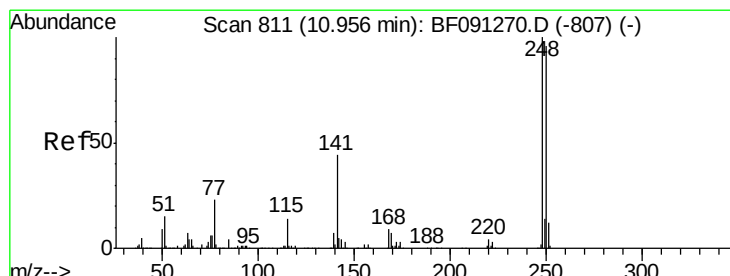
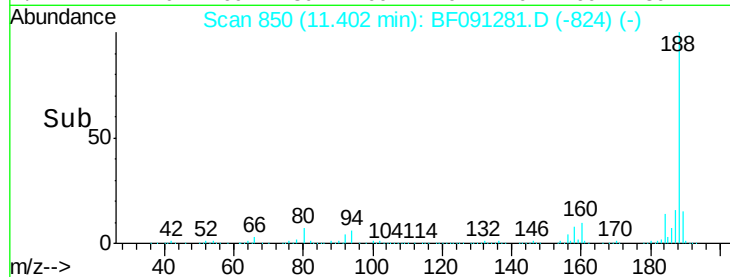
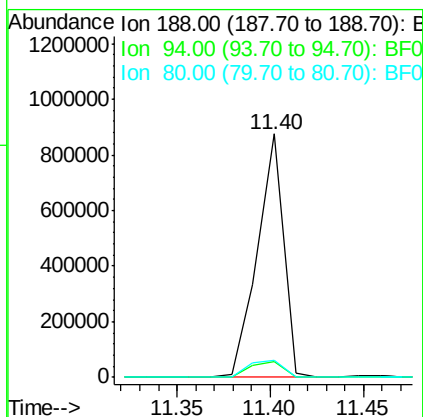
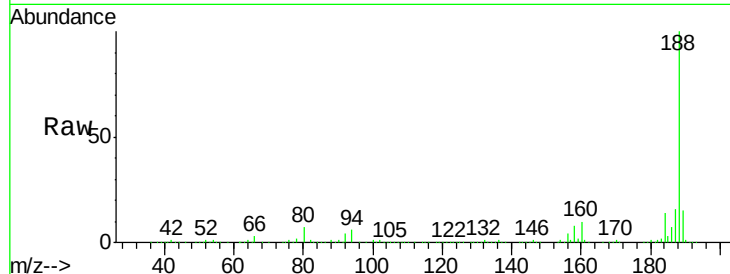




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF091281.D
 Acq: 23 Nov 2016 18:12

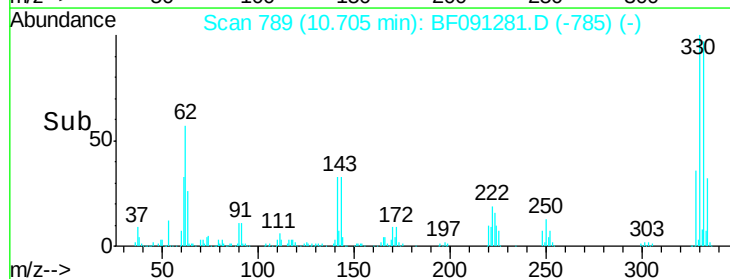
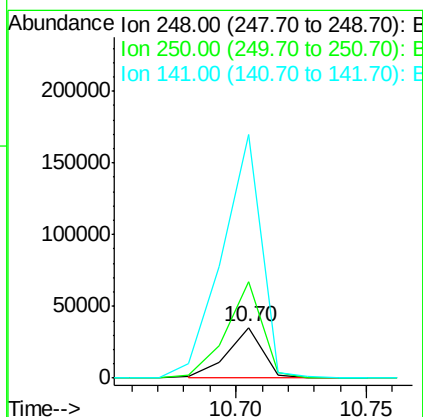
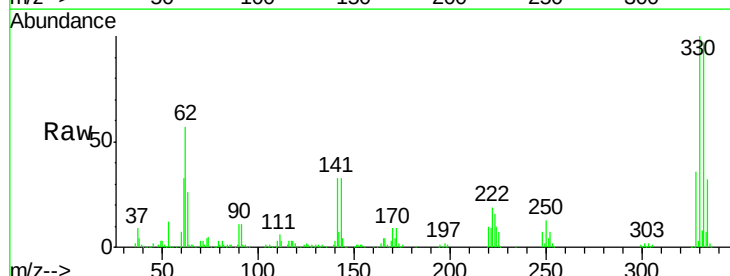
Instrument :
 BNA_F
 ClientSampleId :
 T12-13-5HCOMP-1

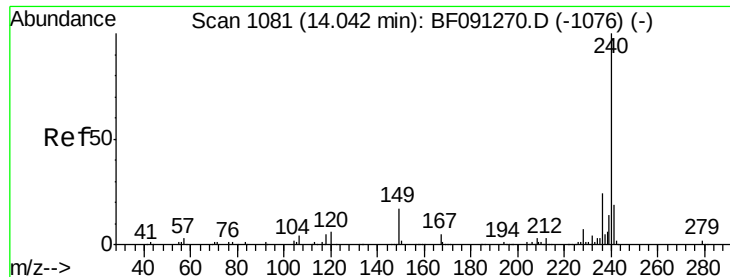
Tgt Ion:188 Resp: 848288
 Ion Ratio Lower Upper
 188 100
 94 6.5 9.2 13.8#
 80 6.9 10.5 15.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.57 ng
 RT: 10.70 min Scan# 789
 Delta R.T. -0.25 min
 Lab File: BF091281.D
 Acq: 23 Nov 2016 18:12

Tgt Ion:248 Resp: 33082
 Ion Ratio Lower Upper
 248 100
 250 190.8 78.2 117.4#
 141 481.2 71.9 107.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091281.D

Acq: 23 Nov 2016 18:12

Instrument :

BNA_F

ClientSampleId :

T12-13-5HCOMP-1

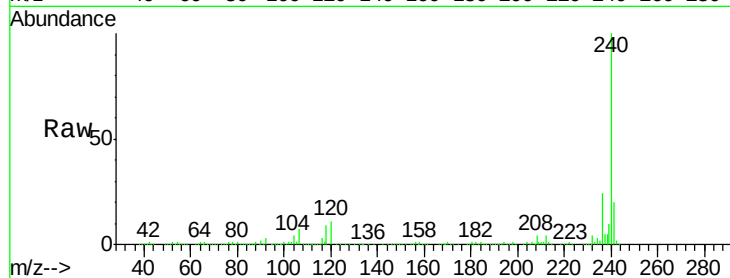
Tgt Ion:240 Resp: 809010

Ion Ratio Lower Upper

240 100

120 10.8 12.1 18.1#

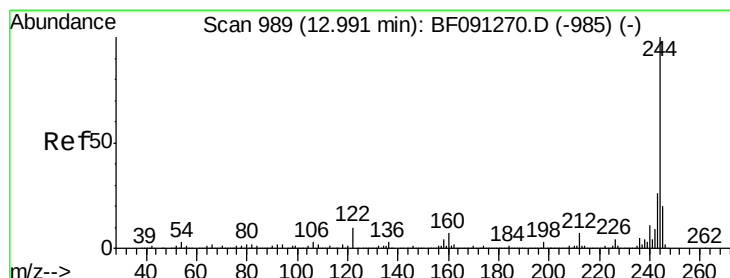
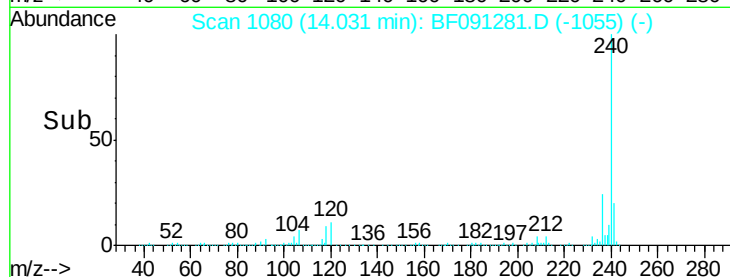
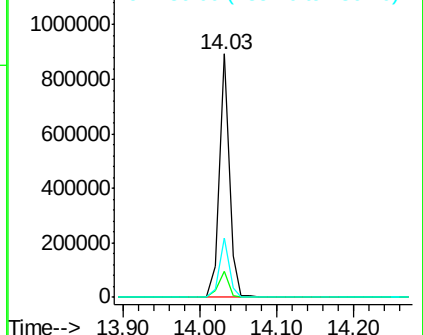
236 24.2 21.0 31.6



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: 62.77 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091281.D

Acq: 23 Nov 2016 18:12

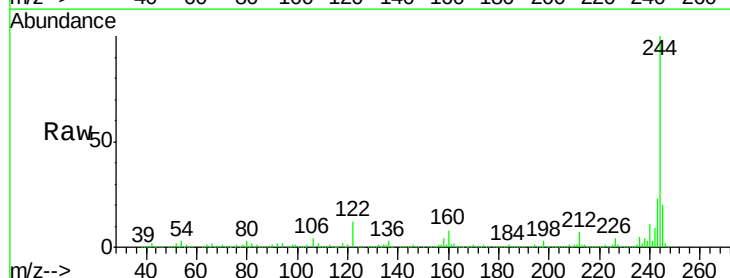
Tgt Ion:244 Resp: 2223536

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

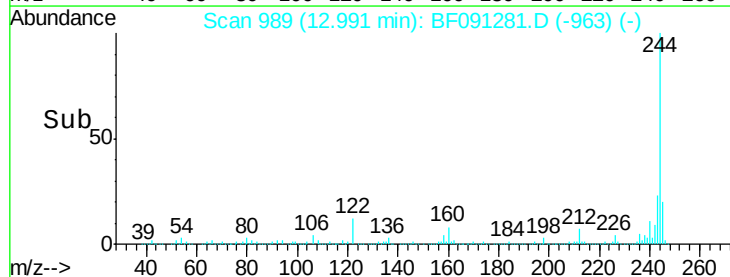
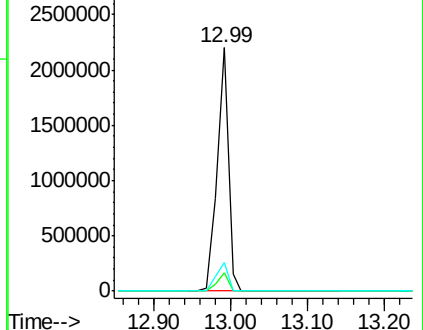
122 11.7 9.5 14.3

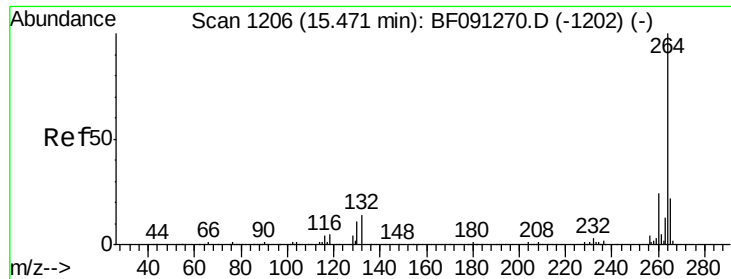


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF091281.D
Acq: 23 Nov 2016 18:12

Instrument :
BNA_F
ClientSampleId :
T12-13-5HCOMP-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.5	17.0	25.6

