

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102416\
 Data File : BF090796.D
 Acq On : 24 Oct 2016 19:14
 Operator : UM/SJ
 Sample : H5393-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-UL

Quant Time: Oct 25 00:58:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

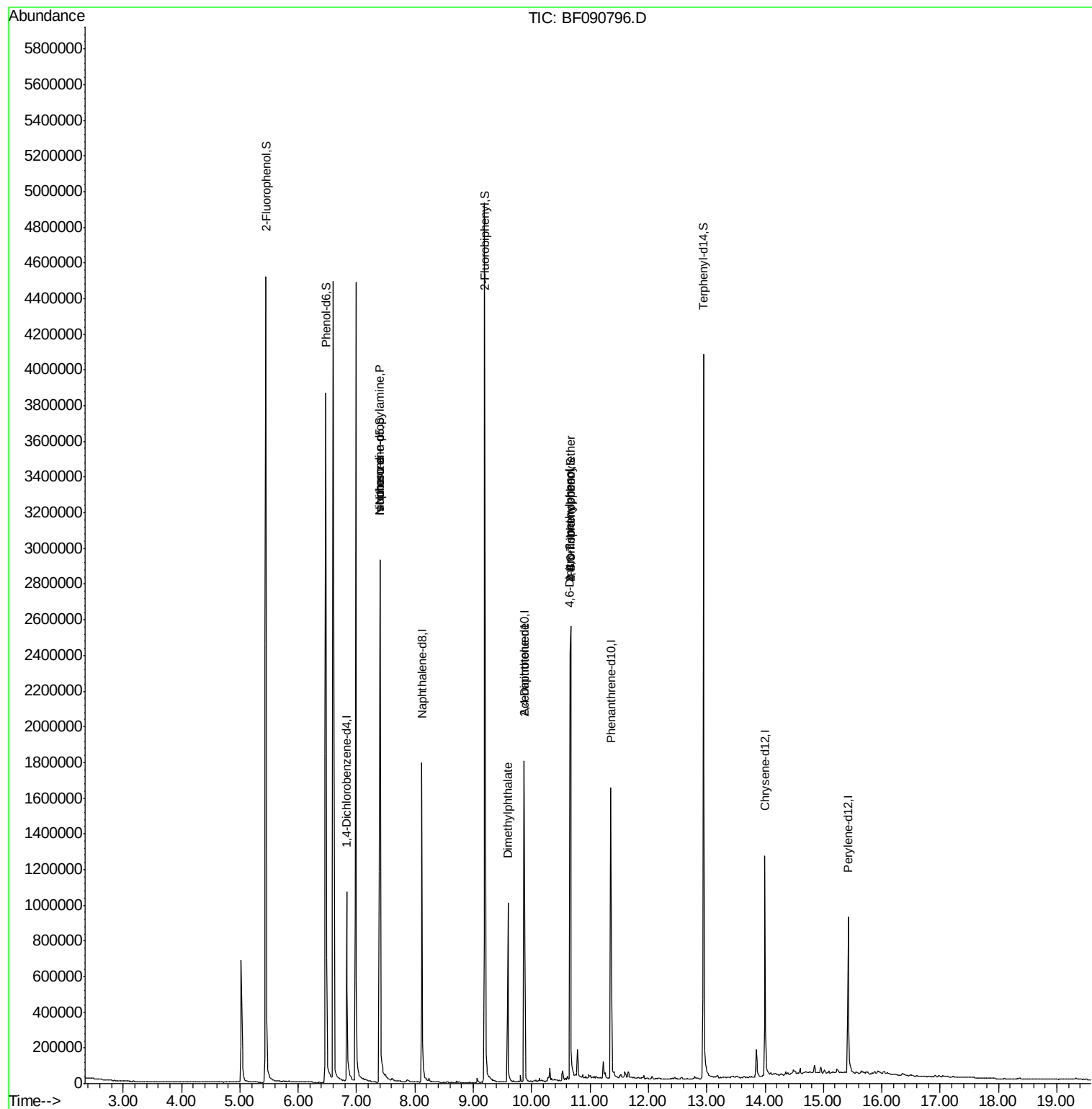
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	227327	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	973401	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	451019	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	714563	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	499082	20.00	ng	-0.02
86) Perylene-d12	15.42	264	418977	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1633547	115.89	ng	-0.01
7) Phenol-d6	6.47	99	1911201	100.10	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1307321	73.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	583729	163.52	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	2071329	71.29	ng	-0.03
78) Terphenyl-d14	12.94	244	1637933	75.22	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	171258	12.04	ng	# 51
25) Isophorone	7.40	82	981334	29.21	ng	# 58
49) Dimethylphthalate	9.59	163	505830	17.85	ng	# 97
56) 2,4-Dinitrotoluene	9.87	165	59159	7.94	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.66	198	963	4.37	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	35588	5.14	ng	# 1

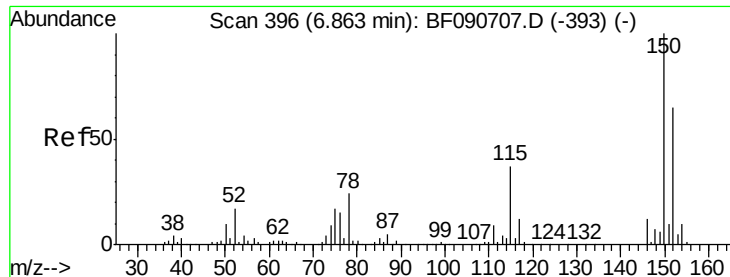
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 393

Delta R.T. -0.03 min

Lab File: BF090796.D

Acq: 24 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-UL

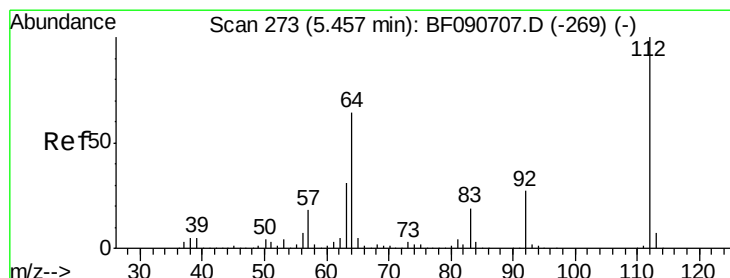
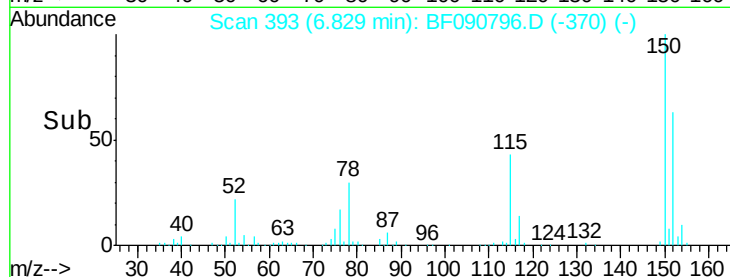
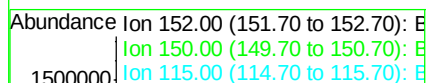
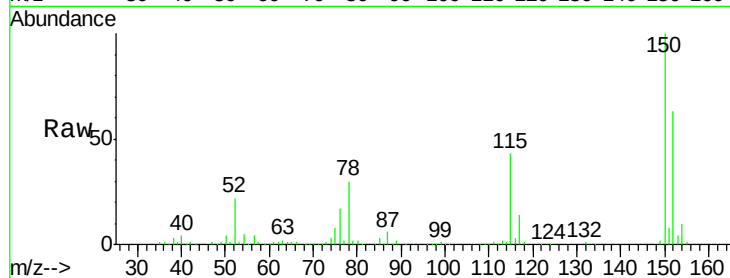
Tgt Ion:152 Resp: 227327

Ion Ratio Lower Upper

152 100

150 158.3 124.7 187.1

115 68.8 39.0 58.4#



#5

2-Fluorophenol

Concen: 115.89 ng

RT: 5.45 min Scan# 272

Delta R.T. -0.01 min

Lab File: BF090796.D

Acq: 24 Oct 2016 19:14

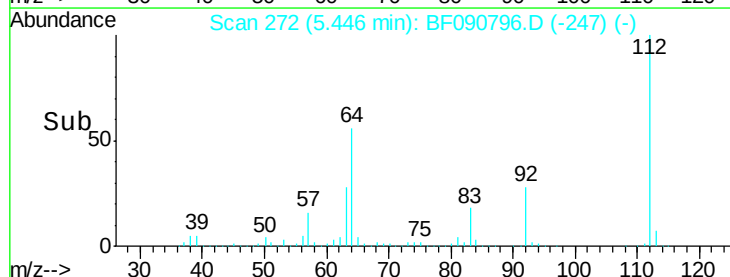
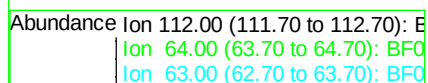
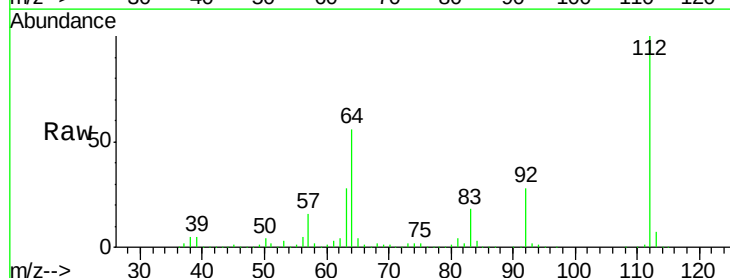
Tgt Ion:112 Resp: 1633547

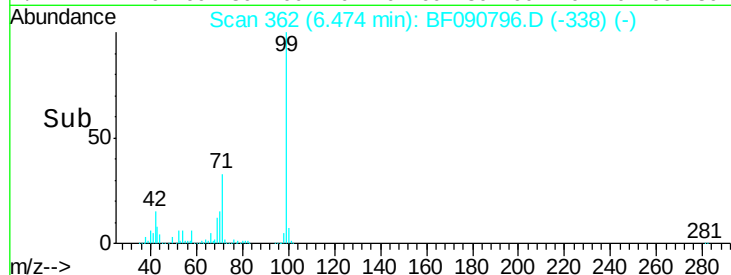
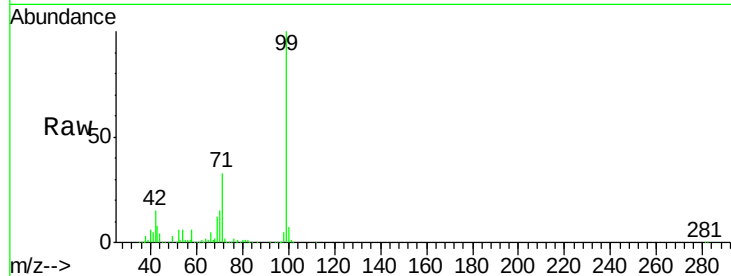
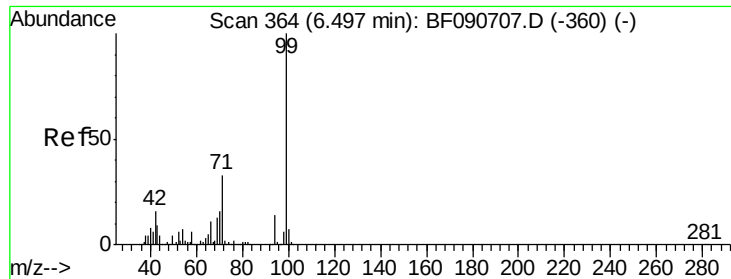
Ion Ratio Lower Upper

112 100

64 56.4 39.7 59.5

63 28.1 17.4 26.0#





#7

Phenol-d6

Concen: 100.10 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090796.D

Acq: 24 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-UL

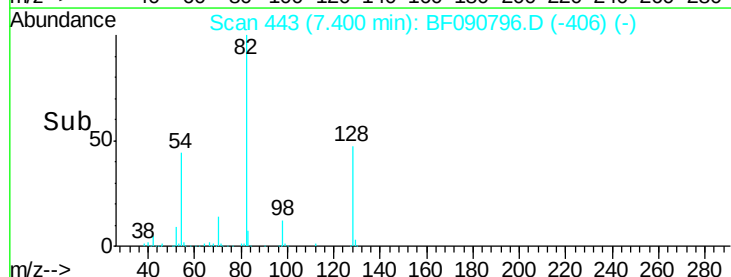
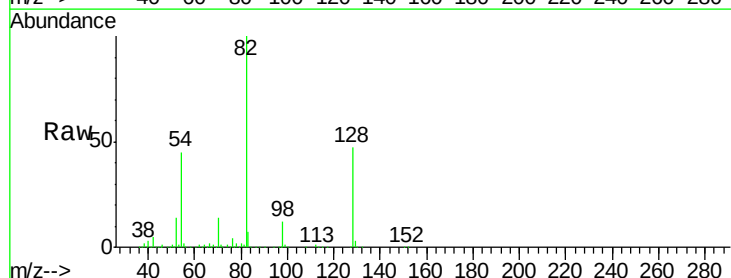
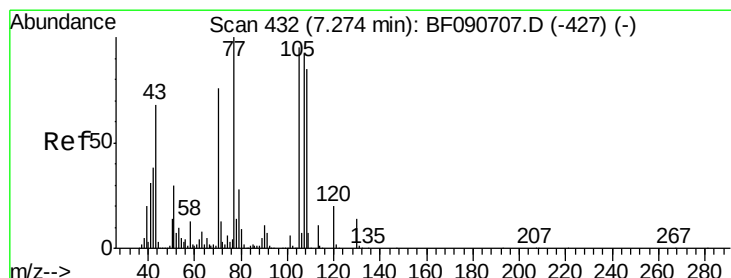
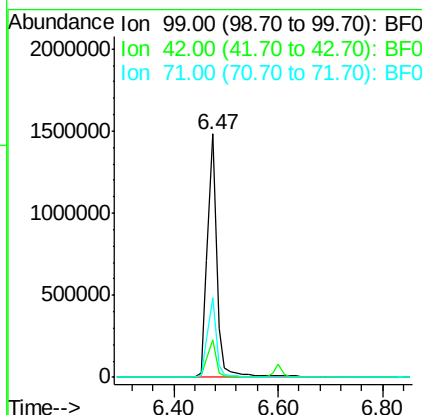
Tgt Ion: 99 Resp: 1911201

Ion Ratio Lower Upper

99 100

42 15.2 13.7 20.5

71 32.7 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 12.04 ng

RT: 7.40 min Scan# 443

Delta R.T. 0.13 min

Lab File: BF090796.D

Acq: 24 Oct 2016 19:14

Tgt Ion: 70 Resp: 171258

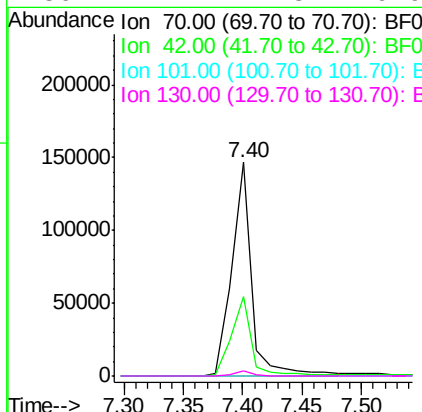
Ion Ratio Lower Upper

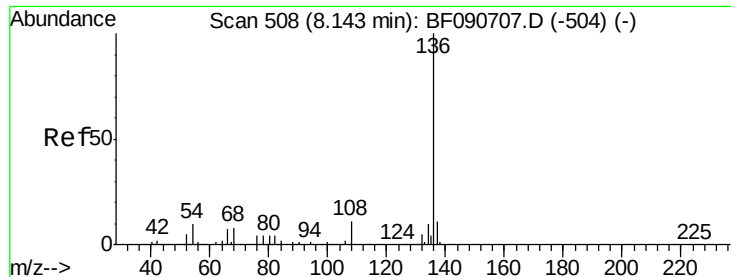
70 100

42 37.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090796.D

Acq: 24 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-UL

Tgt Ion:136 Resp: 973401

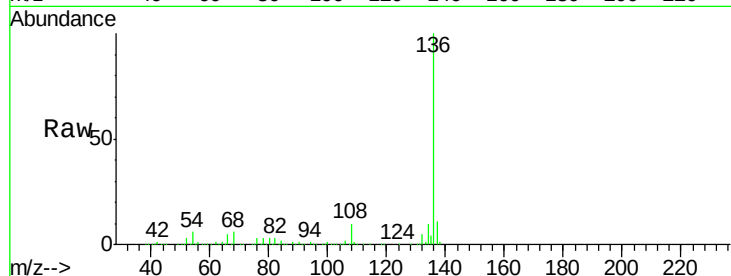
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 6.2 8.2 12.2#

68 6.1 5.8 8.6

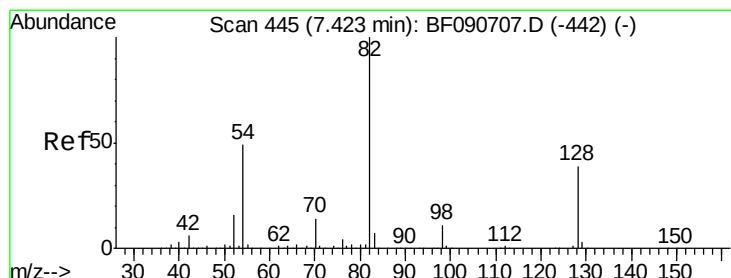
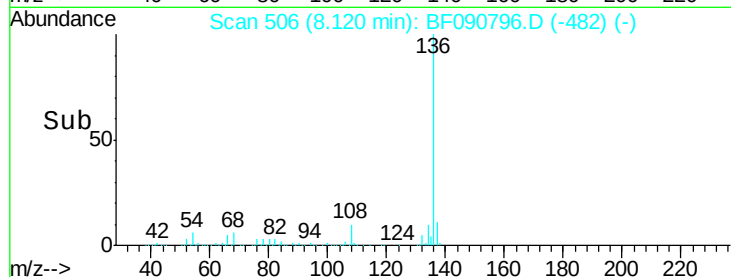
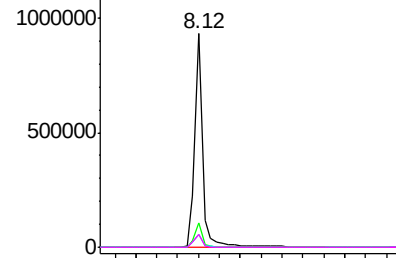


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.66 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF090796.D

Acq: 24 Oct 2016 19:14

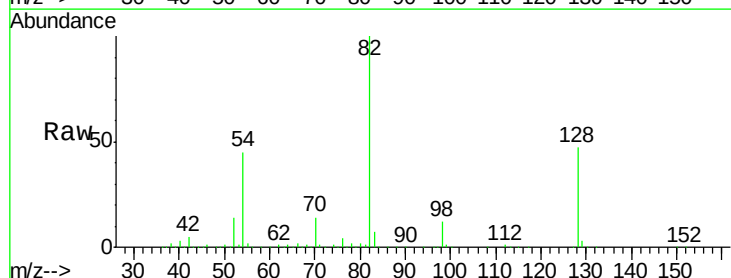
Tgt Ion: 82 Resp: 1307321

Ion Ratio Lower Upper

82 100

128 47.1 51.0 76.6#

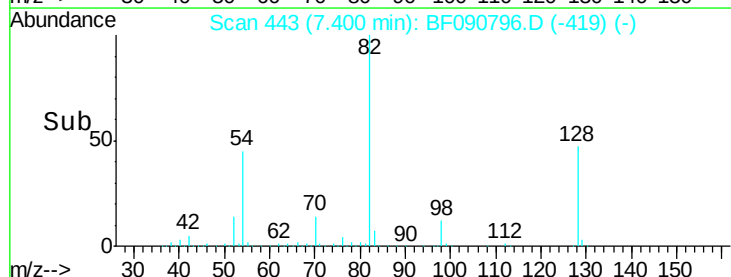
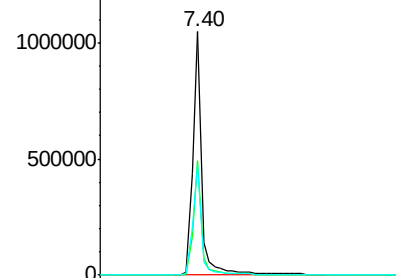
54 45.1 47.5 71.3#

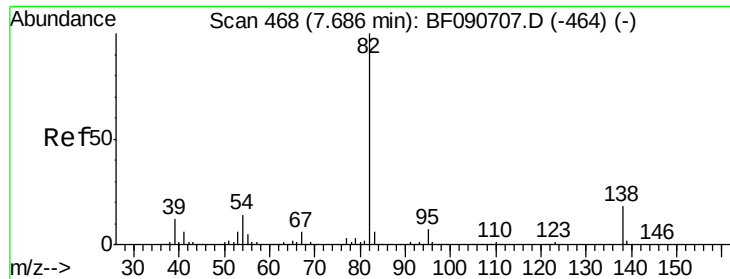


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.21 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.29 min

Lab File: BF090796.D

Acq: 24 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-UL

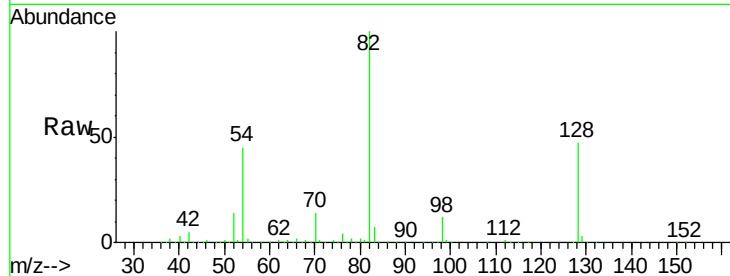
Tgt Ion: 82 Resp: 981334

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

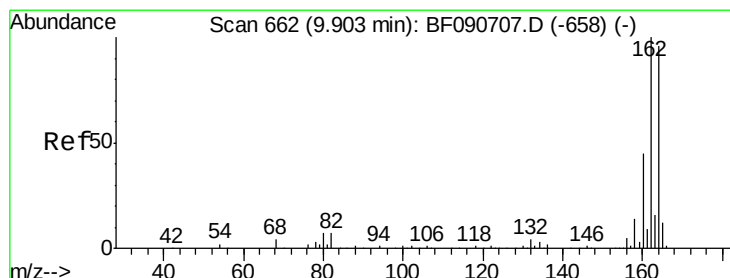
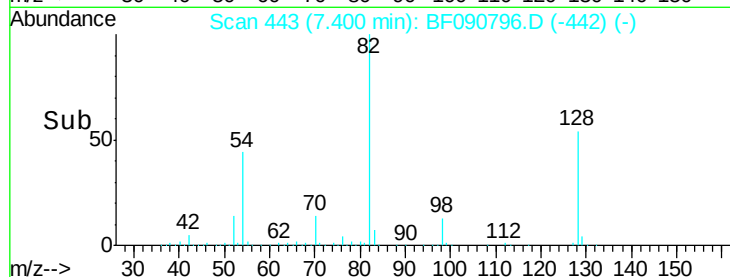
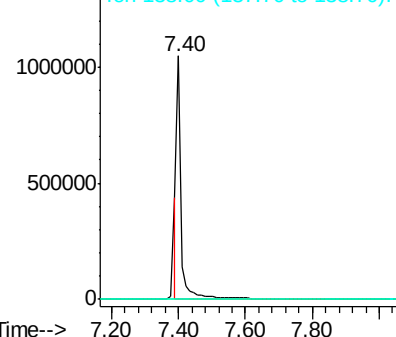
138 0.0 18.3 27.5#



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: 9.87 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF090796.D

Acq: 24 Oct 2016 19:14

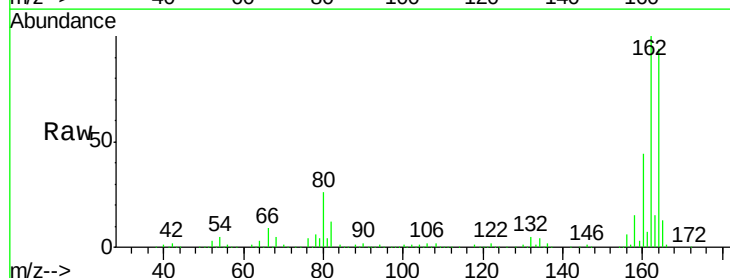
Tgt Ion: 164 Resp: 451019

Ion Ratio Lower Upper

164 100

162 106.2 75.2 112.8

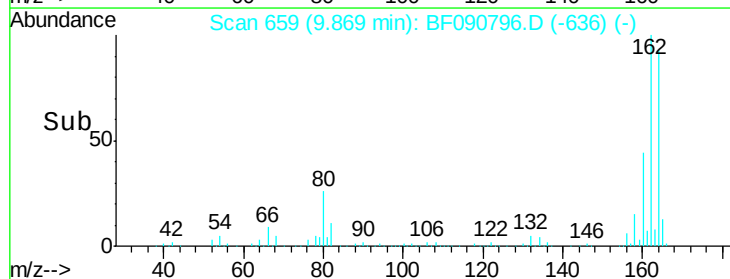
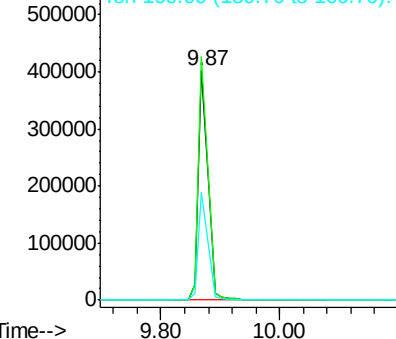
160 47.1 31.5 47.3

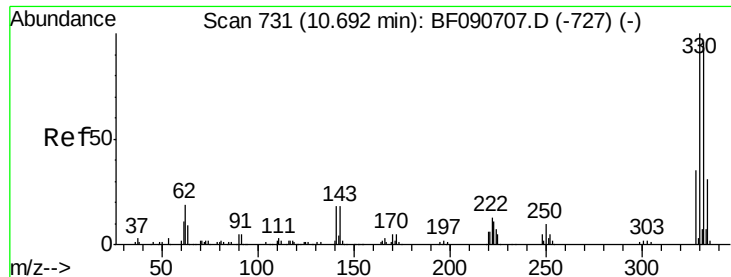


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

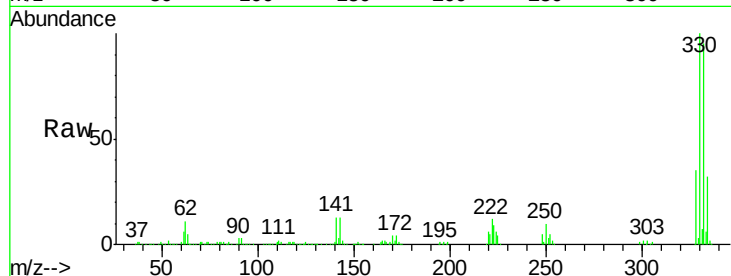




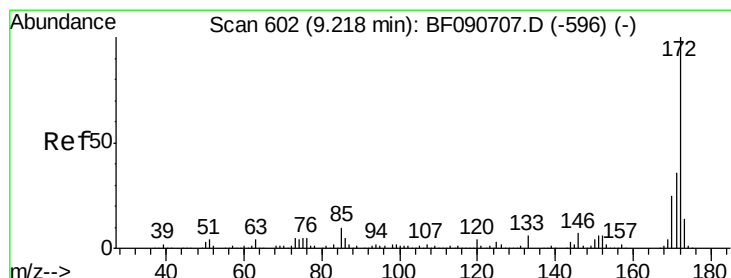
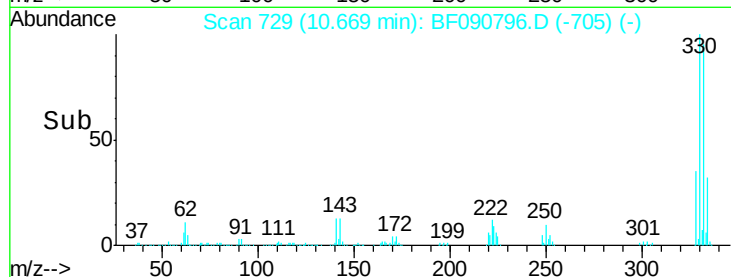
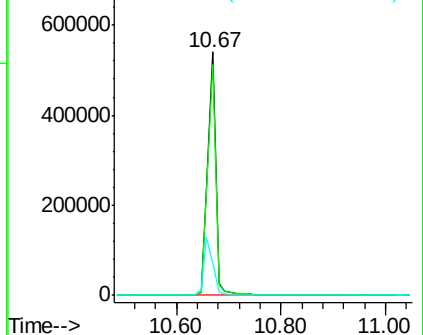
#41
 2,4,6-Tribromophenol
 Concen: 163.52 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090796.D
 Acq: 24 Oct 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-UL

Tgt Ion:330 Resp: 583729
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 26.9 29.7 44.5#

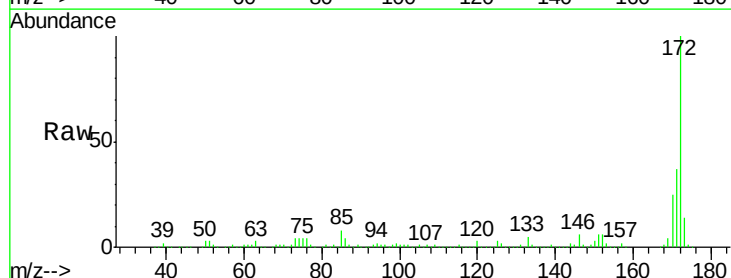


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

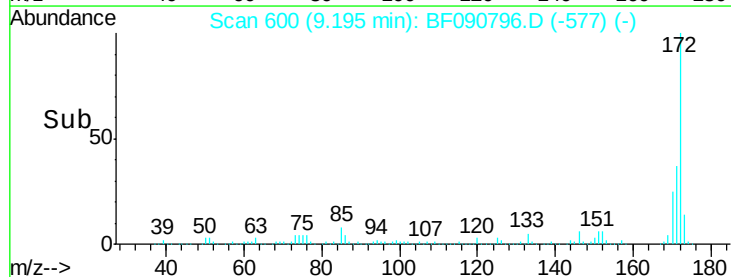
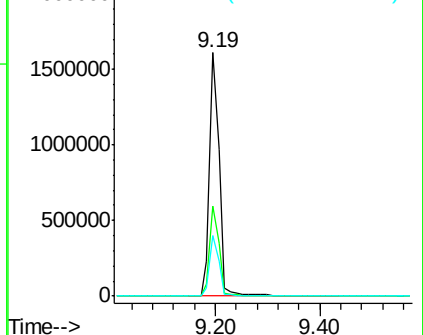


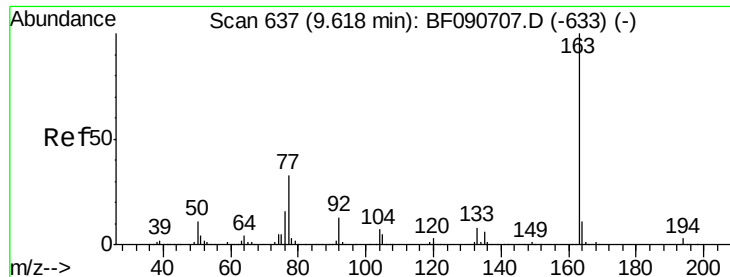
#44
 2-Fluorobiphenyl
 Concen: 71.29 ng
 RT: 9.19 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF090796.D
 Acq: 24 Oct 2016 19:14

Tgt Ion:172 Resp: 2071329
 Ion Ratio Lower Upper
 172 100
 171 36.8 26.1 39.1
 170 24.7 17.4 26.2



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: 17.85 ng

RT: 9.59 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF090796.D

Acq: 24 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-UL

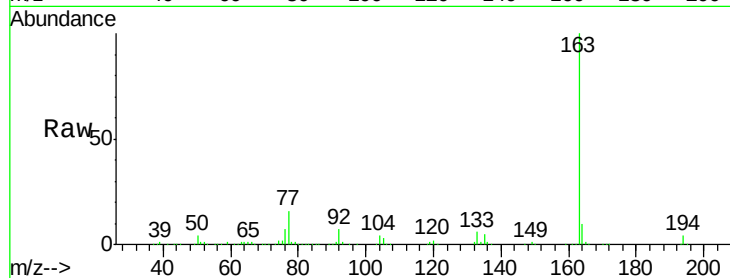
Tgt Ion:163 Resp: 505830

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

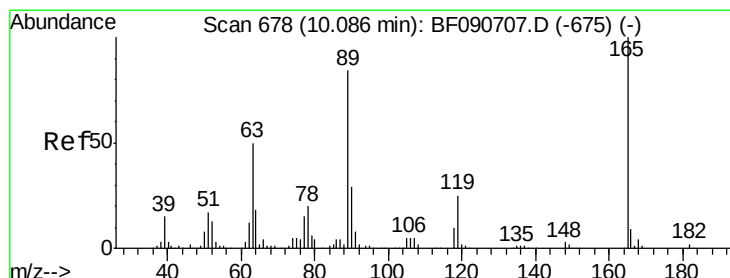
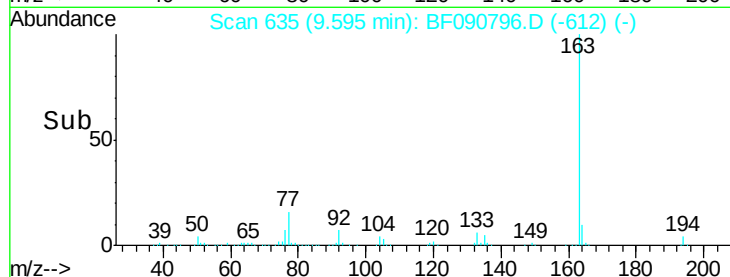
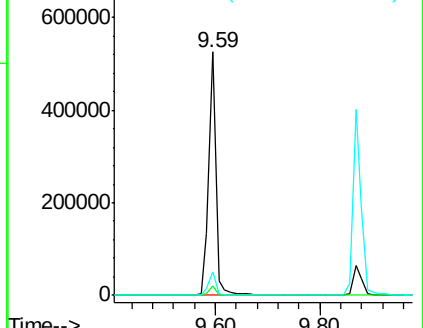
164 9.9 8.3 12.5



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: 7.94 ng

RT: 9.87 min Scan# 659

Delta R.T. -0.22 min

Lab File: BF090796.D

Acq: 24 Oct 2016 19:14

Tgt Ion:165 Resp: 59159

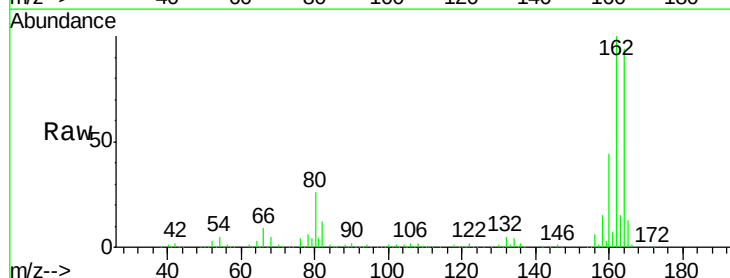
Ion Ratio Lower Upper

165 100

63 0.8 29.8 44.6#

89 1.1 44.5 66.7#

182 0.0 3.0 4.4#

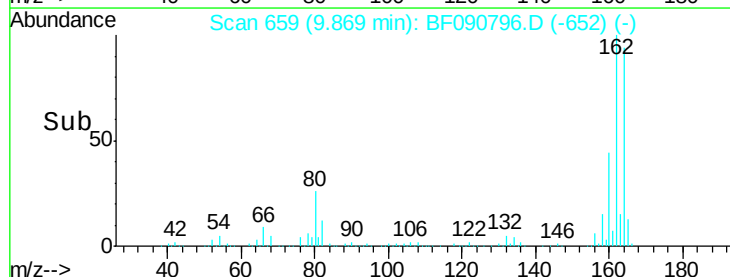
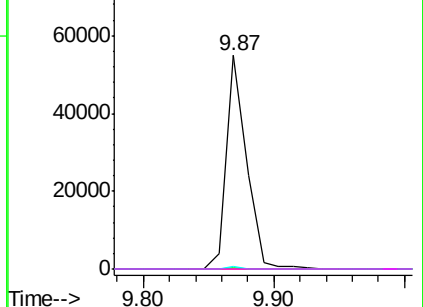


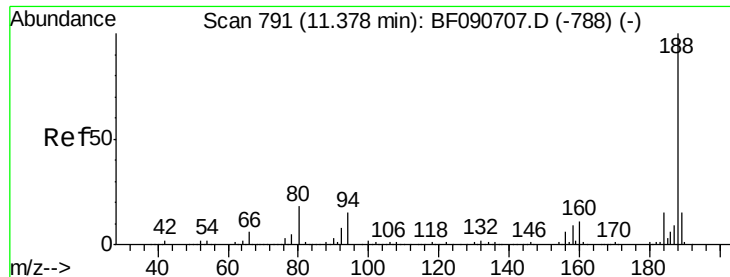
Abundance Ion 165.00 (164.70 to 165.70): E

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

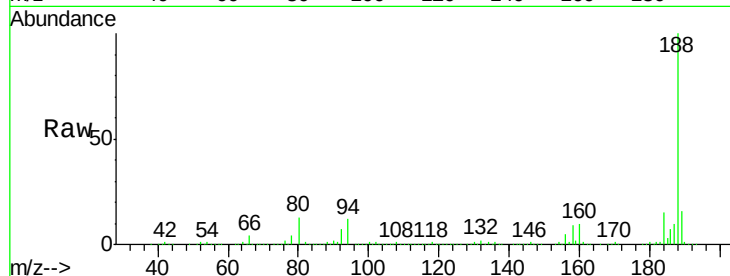




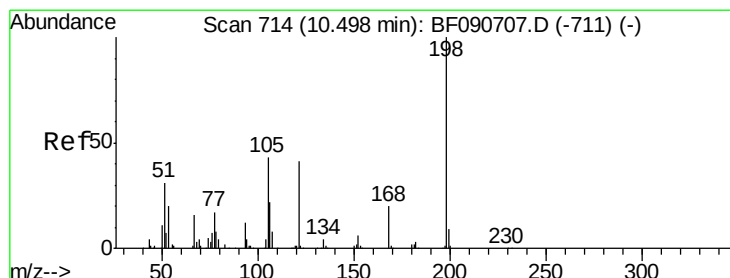
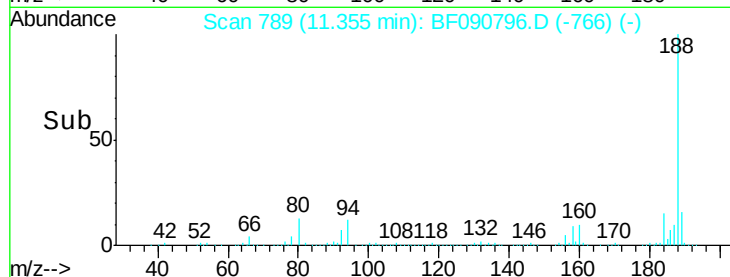
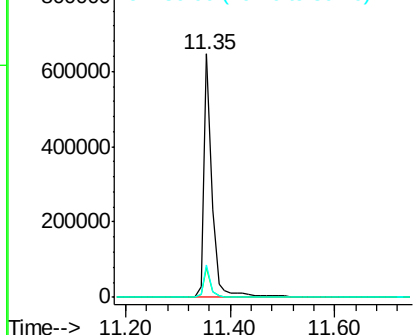
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF090796.D
 Acq: 24 Oct 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-UL

Tgt Ion:188 Resp: 714563
 Ion Ratio Lower Upper
 188 100
 94 12.0 11.1 16.7
 80 13.2 11.0 16.4

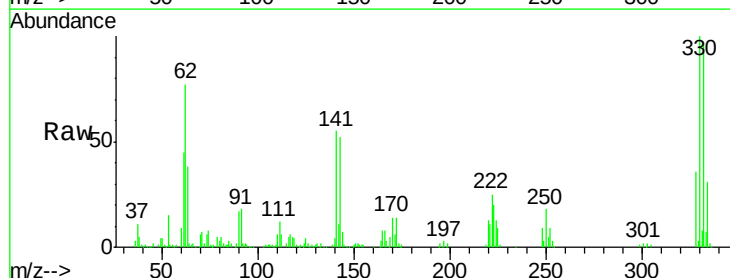


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

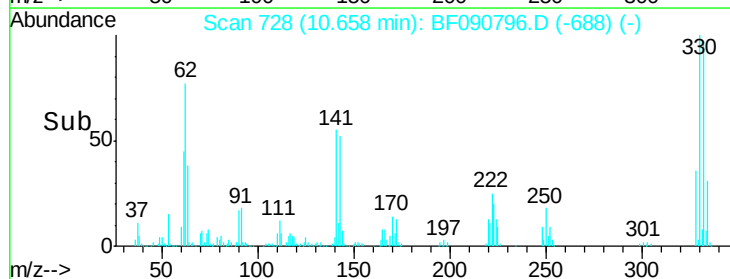
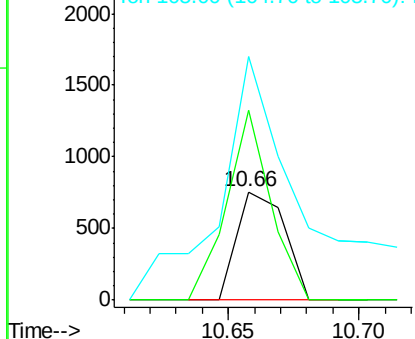


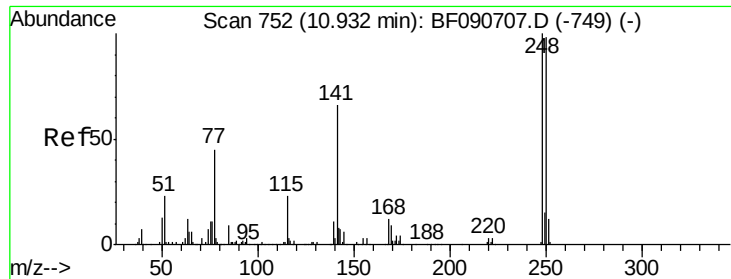
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.37 ng
 RT: 10.66 min Scan# 728
 Delta R.T. 0.16 min
 Lab File: BF090796.D
 Acq: 24 Oct 2016 19:14

Tgt Ion:198 Resp: 963
 Ion Ratio Lower Upper
 198 100
 51 175.5 39.6 79.6#
 105 225.5 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

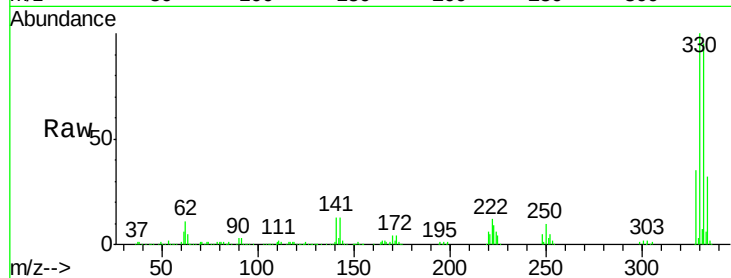




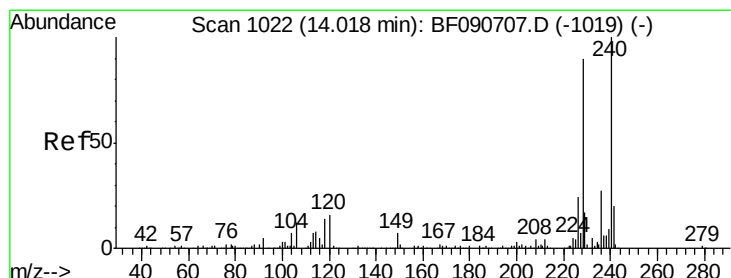
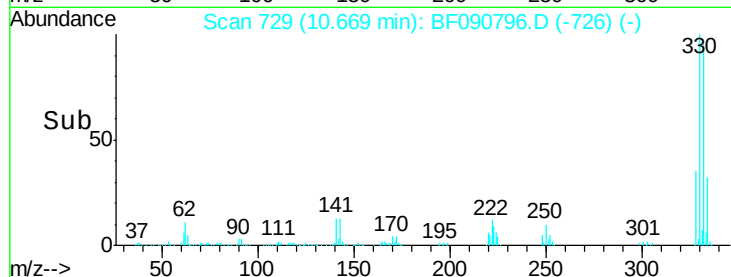
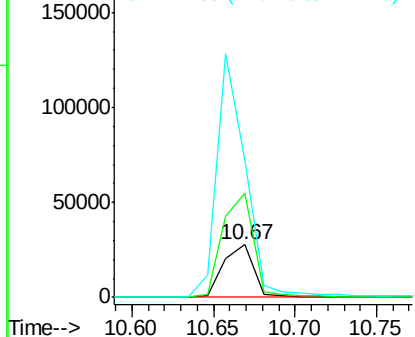
#66
 4-Bromophenyl-phenylether
 Concen: 5.14 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.26 min
 Lab File: BF090796.D
 Acq: 24 Oct 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-UL

Tgt Ion:248 Resp: 35588
 Ion Ratio Lower Upper
 248 100
 250 197.6 78.5 117.7#
 141 259.5 59.0 88.6#

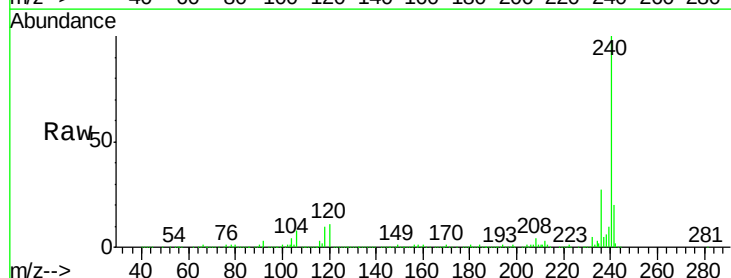


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

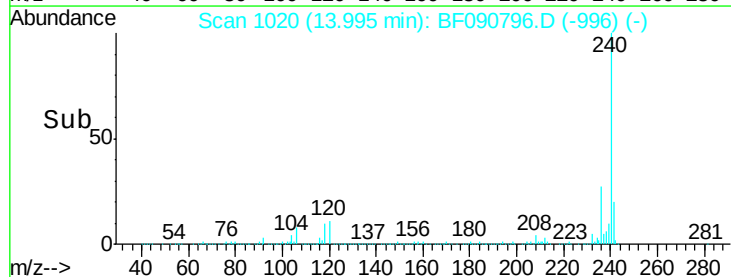
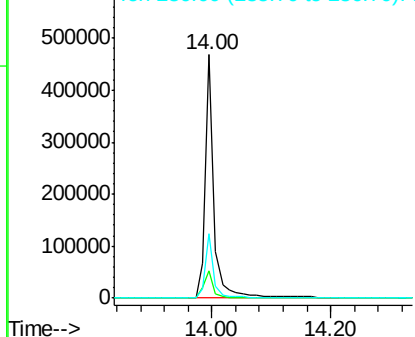


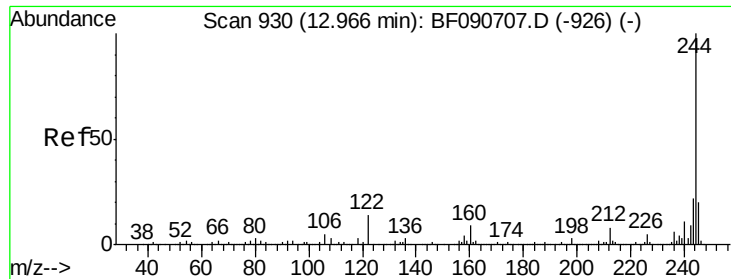
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF090796.D
 Acq: 24 Oct 2016 19:14

Tgt Ion:240 Resp: 499082
 Ion Ratio Lower Upper
 240 100
 120 11.4 16.2 24.2#
 236 26.6 18.4 27.6



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

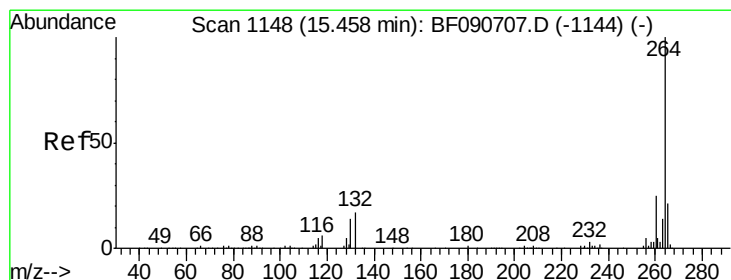
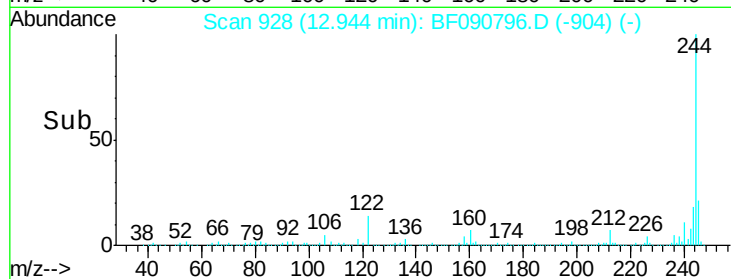
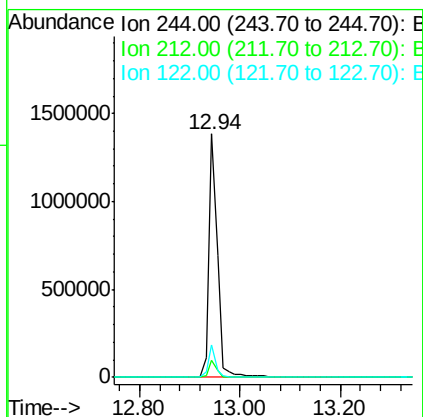
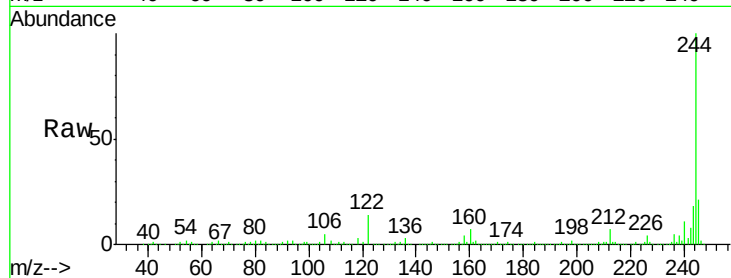




#78
 Terphenyl-d14
 Concen: 75.22 ng
 RT: 12.94 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF090796.D
 Acq: 24 Oct 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-UL

Tgt Ion:244 Resp: 1637933
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.3 6.5#
 122 13.6 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF090796.D
 Acq: 24 Oct 2016 19:14

Tgt Ion:264 Resp: 418977
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.5 17.2 25.8

