

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090747.D
 Acq On : 22 Oct 2016 8:19
 Operator : UM/SJ
 Sample : H5308-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103I

Quant Time: Oct 24 00:46:08 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

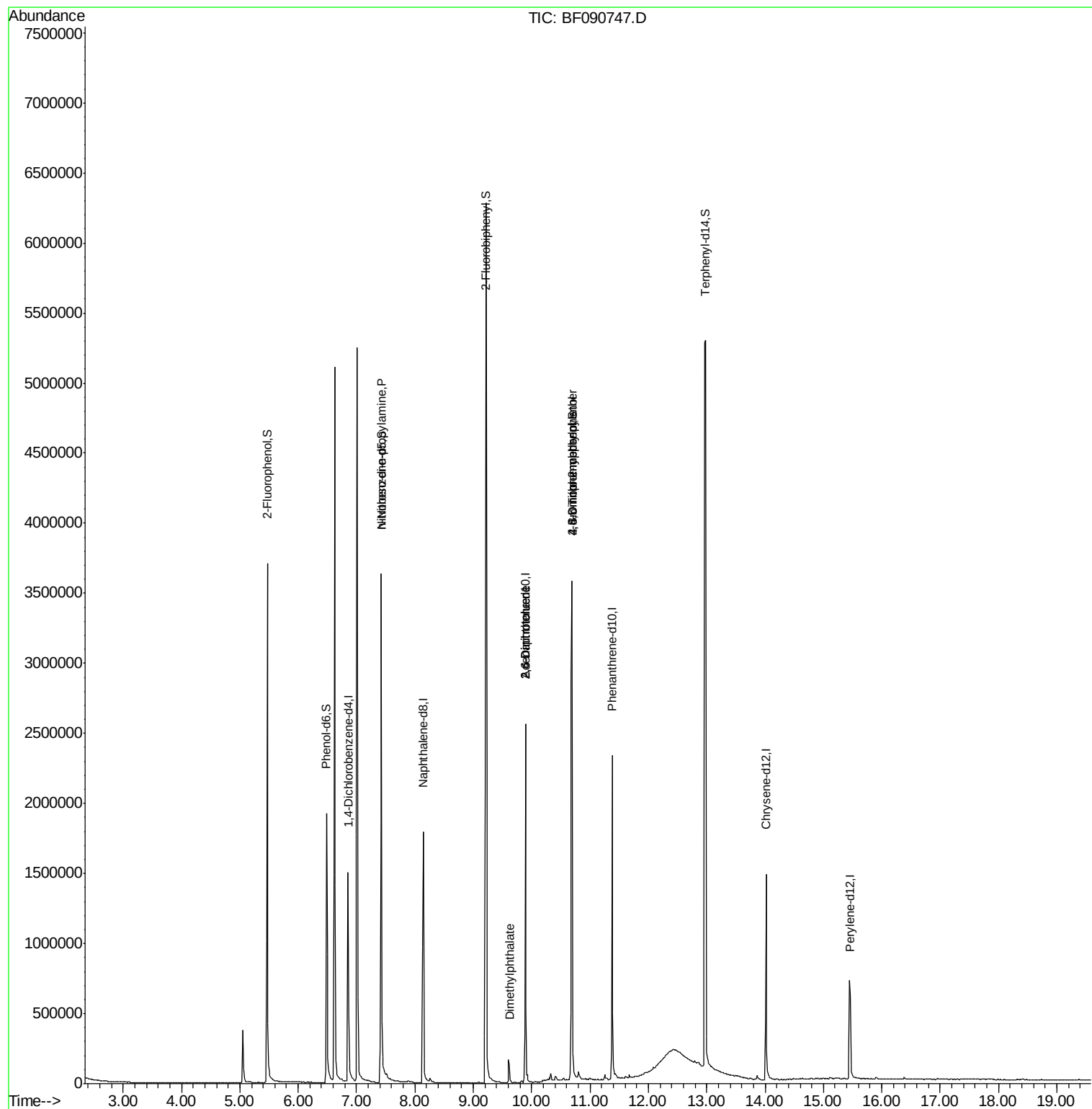
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	264813	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1098081	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	551863	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	862900	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	559557	20.00	ng	0.00
86) Perylene-d12	15.46	264	381576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1092963	66.56	ng	0.01
7) Phenol-d6	6.49	99	902735	40.59	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1748235	87.32	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	705557	161.53	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2686664	75.57	ng	-0.01
78) Terphenyl-d14	12.98	244	2761317	113.10	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	232731	14.05	ng	# 53
49) Dimethylphthalate	9.62	163	102067	2.94	ng	# 96
50) 2,6-Dinitrotoluene	9.89	165	71378	9.57	ng	# 39
56) 2,4-Dinitrotoluene	9.89	165	72020	7.90	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.69	198	1429	4.41	ng	# 31
66) 4-Bromophenyl-phenylether	10.69	248	48462	5.79	ng	# 1

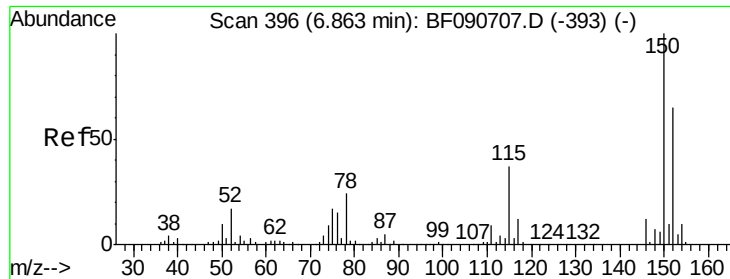
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090747.D

Acq: 22 Oct 2016 8:19

Instrument :

BNA_F

ClientSampleId :

MW-103I

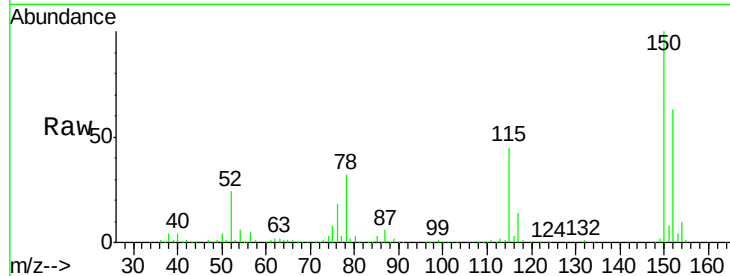
Tgt Ion:152 Resp: 264813

Ion Ratio Lower Upper

152 100

150 158.2 124.7 187.1

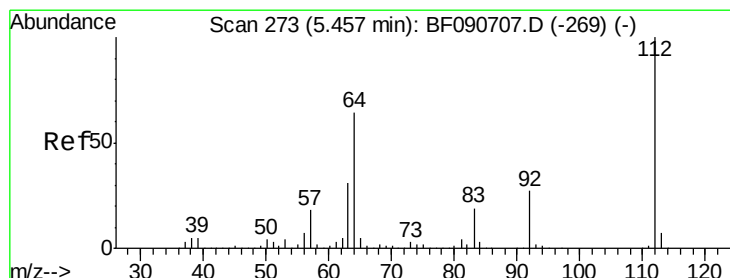
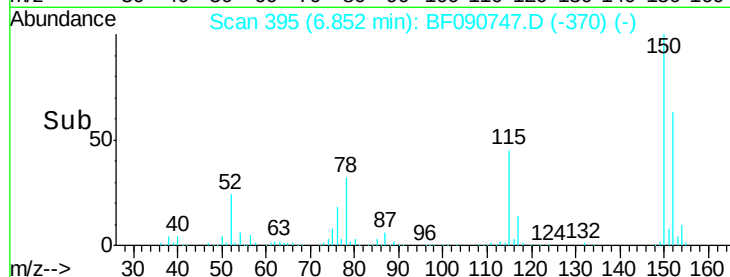
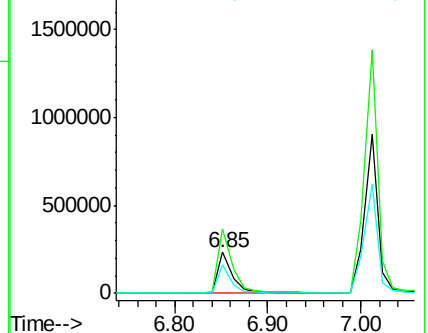
115 71.2 39.0 58.4#



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: 66.56 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090747.D

Acq: 22 Oct 2016 8:19

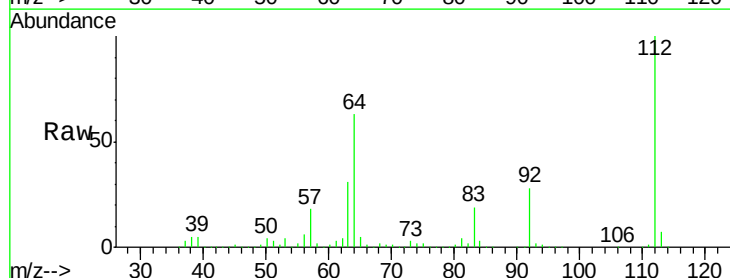
Tgt Ion:112 Resp: 1092963

Ion Ratio Lower Upper

112 100

64 63.0 39.7 59.5#

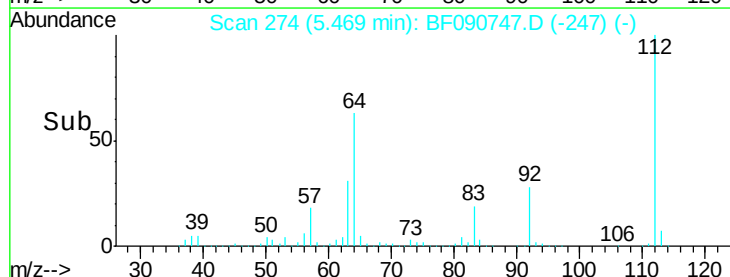
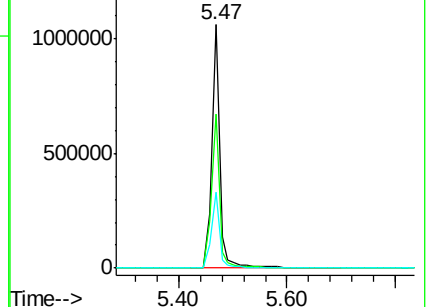
63 31.1 17.4 26.0#

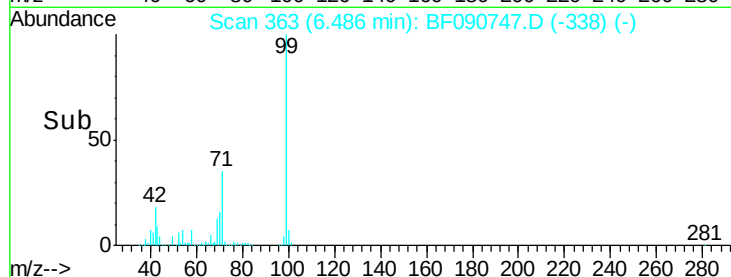
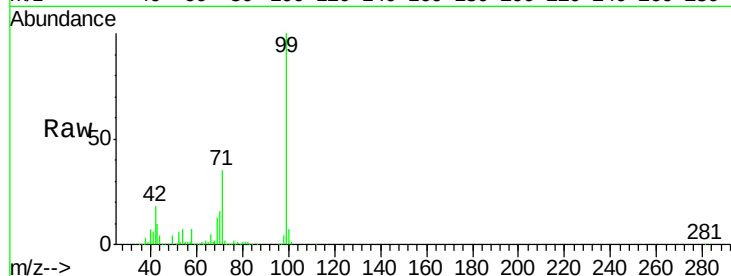
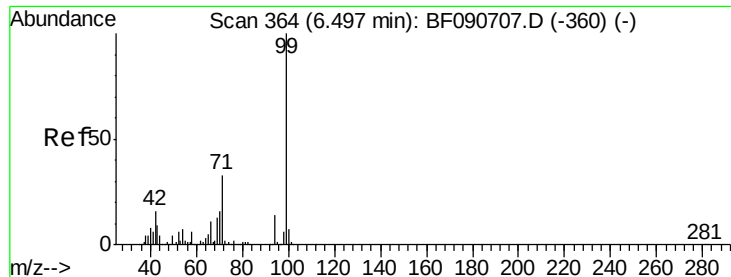


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.59 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090747.D

Acq: 22 Oct 2016 8:19

Instrument :

BNA_F

ClientSampleId :

MW-103I

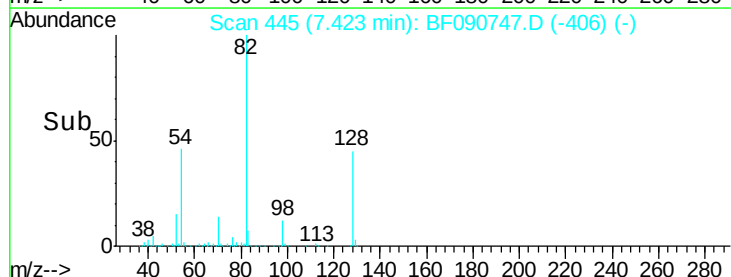
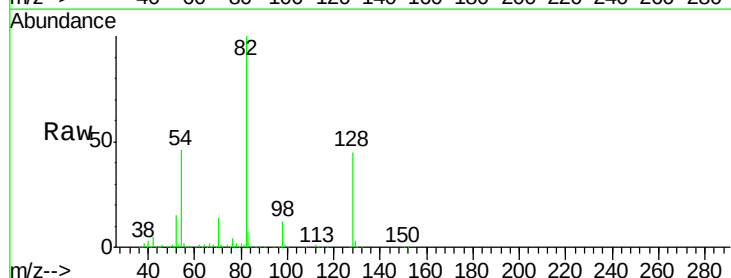
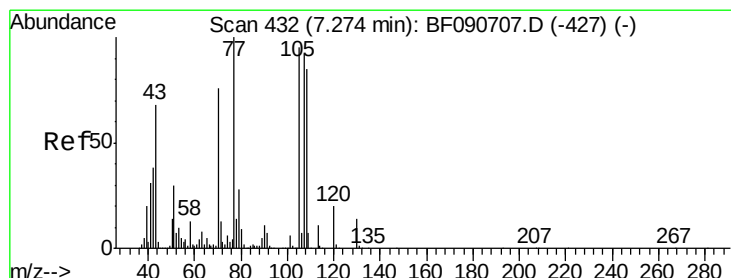
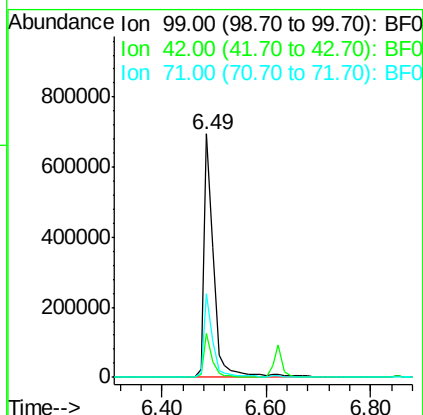
Tgt Ion: 99 Resp: 902735

Ion Ratio Lower Upper

99 100

42 18.2 13.7 20.5

71 34.6 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 14.05 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090747.D

Acq: 22 Oct 2016 8:19

Tgt Ion: 70 Resp: 232731

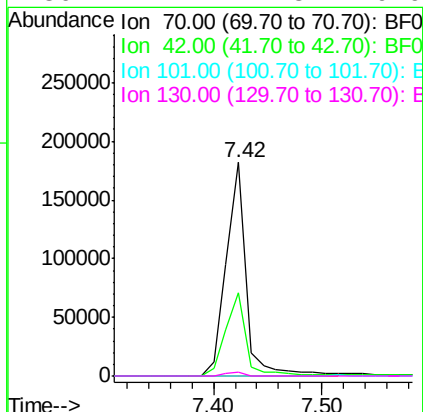
Ion Ratio Lower Upper

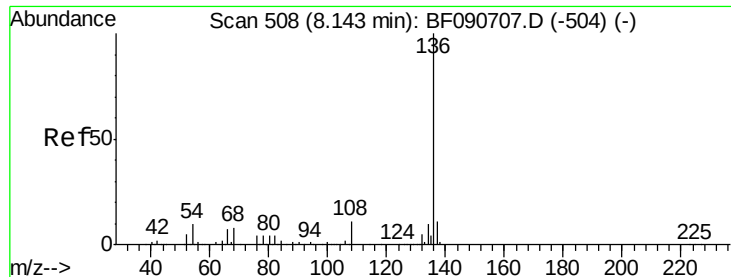
70 100

42 39.2 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

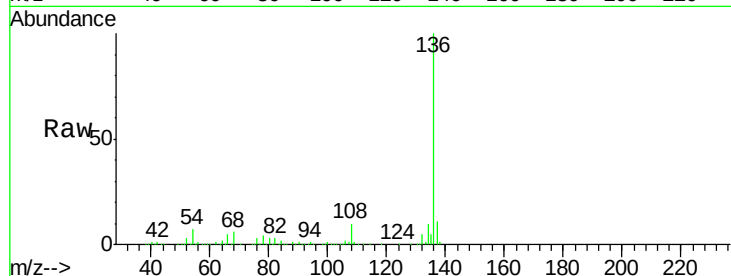




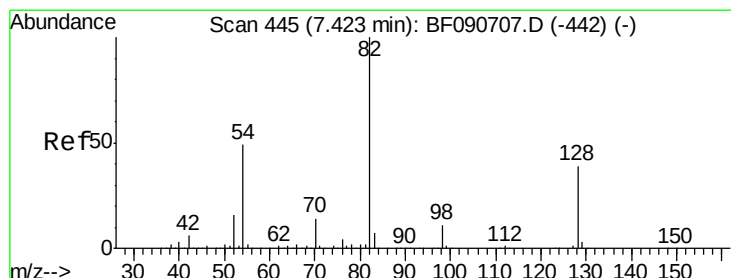
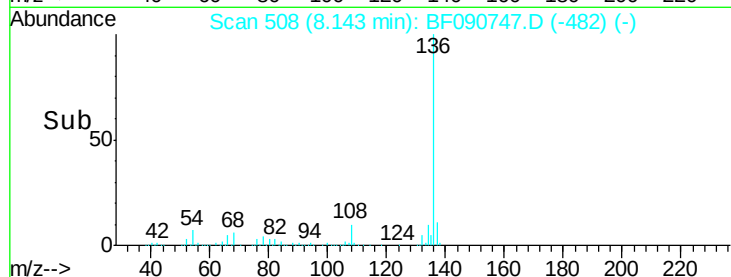
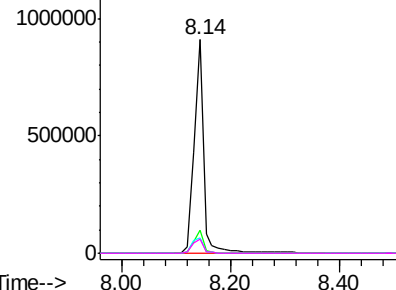
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090747.D
Acq: 22 Oct 2016 8:19

Instrument :
BNA_F
ClientSampled :
MW-103I

Tgt Ion:136 Resp: 1098081
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.0 8.2 12.2#
68 6.4 5.8 8.6

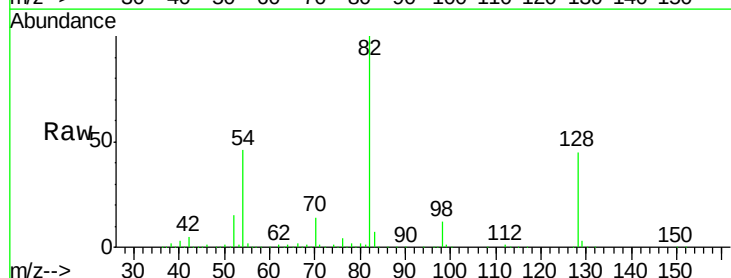


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

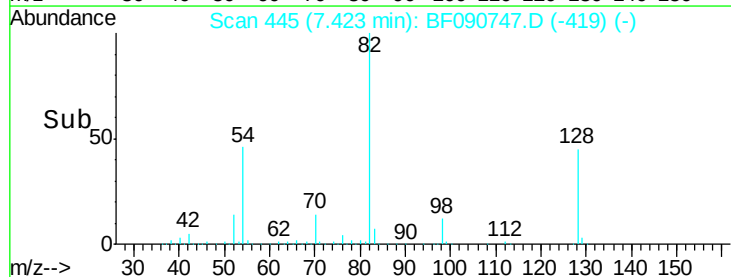
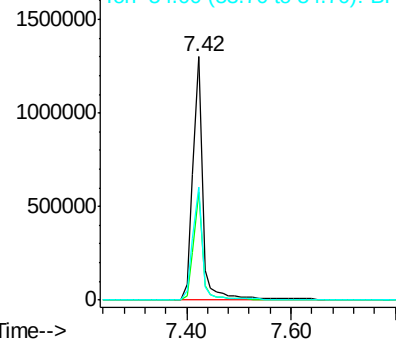


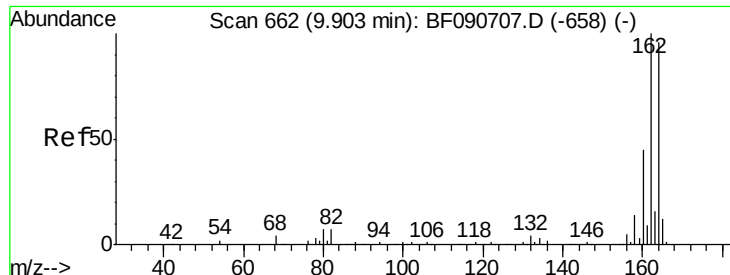
#23
Nitrobenzene-d5
Concen: 87.32 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090747.D
Acq: 22 Oct 2016 8:19

Tgt Ion: 82 Resp: 1748235
Ion Ratio Lower Upper
82 100
128 44.5 51.0 76.6#
54 46.4 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF090747.D

Acq: 22 Oct 2016 8:19

Instrument :

BNA_F

ClientSampleId :

MW-103I

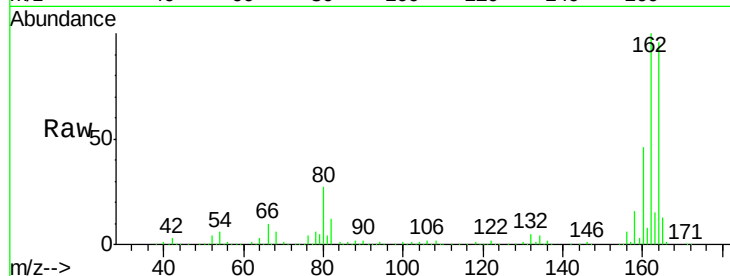
Tgt Ion:164 Resp: 551863

Ion Ratio Lower Upper

164 100

162 104.5 75.2 112.8

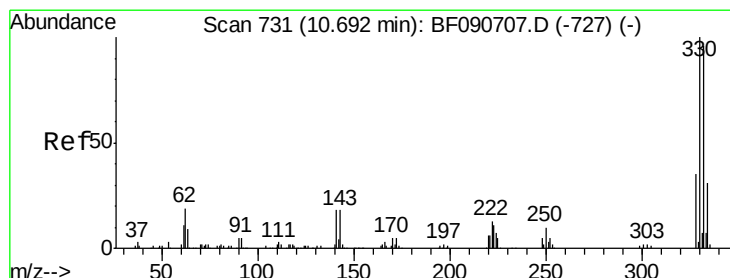
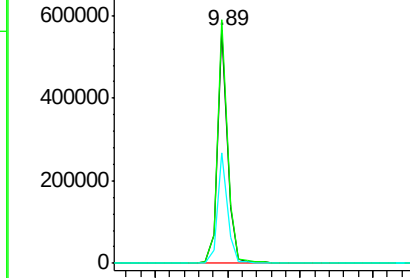
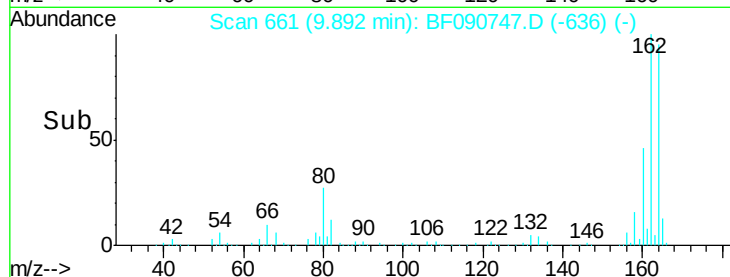
160 47.6 31.5 47.3#



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: 161.53 ng

RT: 10.69 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF090747.D

Acq: 22 Oct 2016 8:19

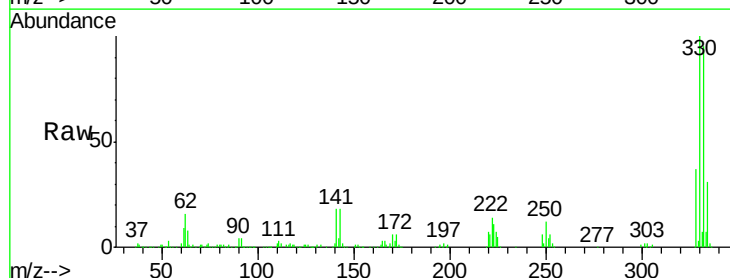
Tgt Ion:330 Resp: 705557

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

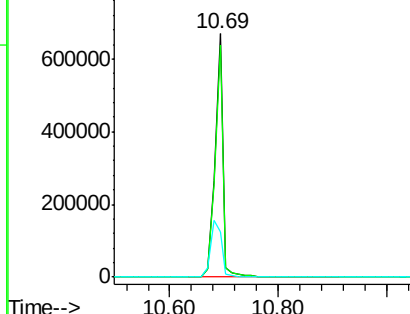
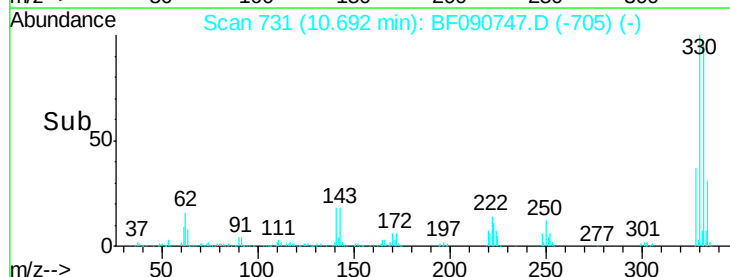
141 32.7 29.7 44.5

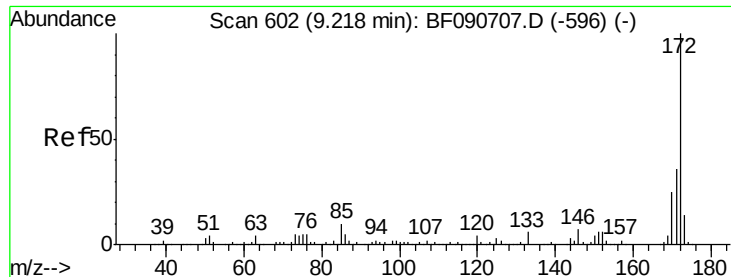


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

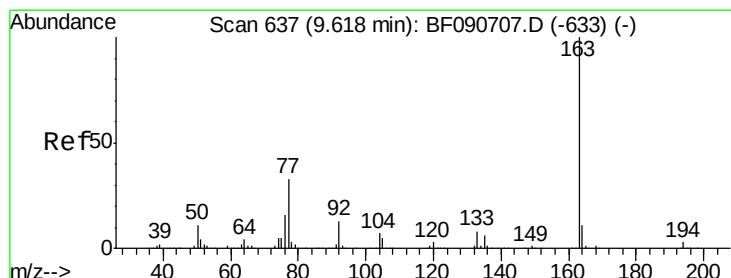
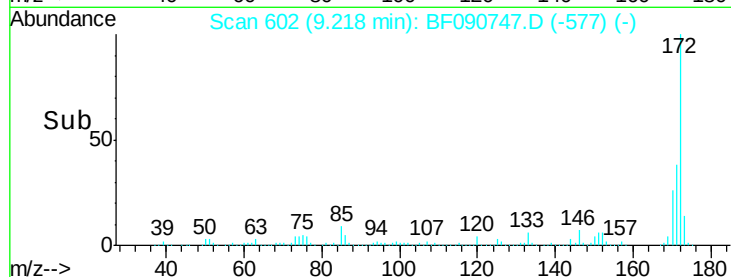
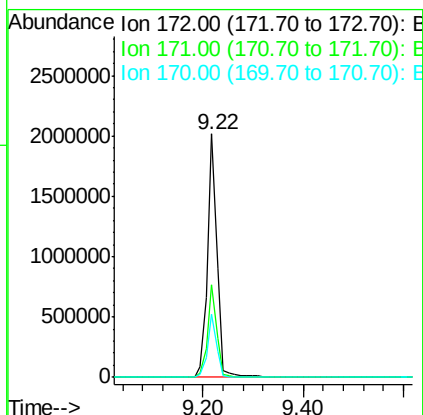
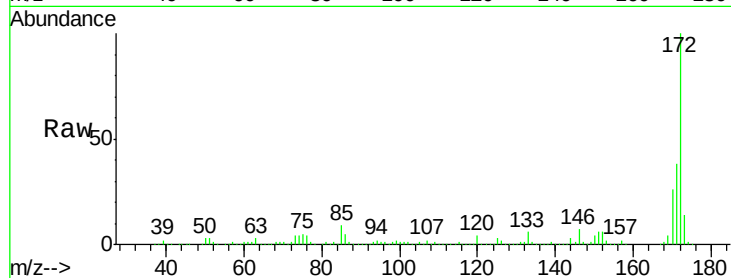




#44
 2-Fluorobiphenyl
 Concen: 75.57 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090747.D
 Acq: 22 Oct 2016 8:19

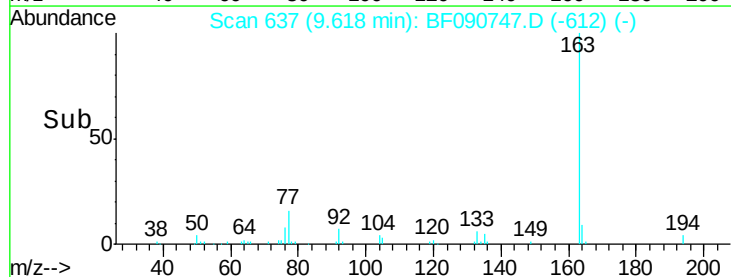
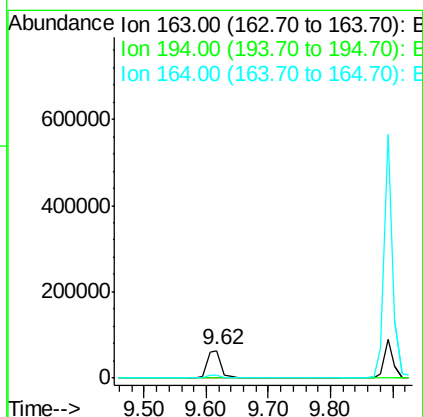
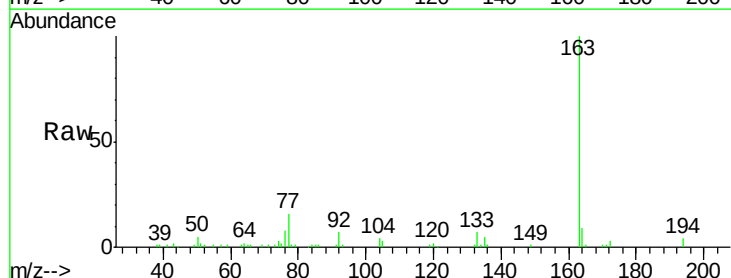
Instrument :
 BNA_F
 ClientSampleId :
 MW-103I

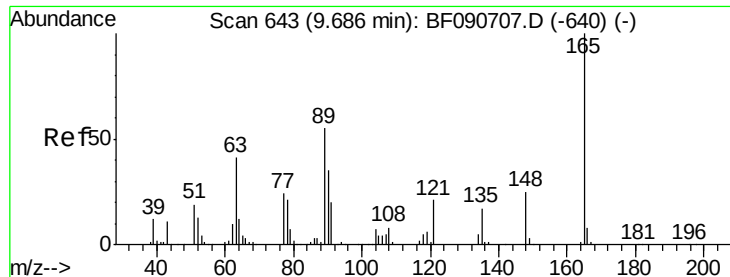
Tgt Ion:172 Resp: 2686664
 Ion Ratio Lower Upper
 172 100
 171 38.1 26.1 39.1
 170 25.9 17.4 26.2



#49
 Dimethylphthalate
 Concen: 2.94 ng
 RT: 9.62 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF090747.D
 Acq: 22 Oct 2016 8:19

Tgt Ion:163 Resp: 102067
 Ion Ratio Lower Upper
 163 100
 194 3.5 4.4 6.6#
 164 9.5 8.3 12.5





#50

2,6-Dinitrotoluene

Concen: 9.57 ng

RT: 9.89 min Scan# 661

Delta R.T. 0.21 min

Lab File: BF090747.D

Acq: 22 Oct 2016 8:19

Instrument :

BNA_F

ClientSampleId :

MW-103I

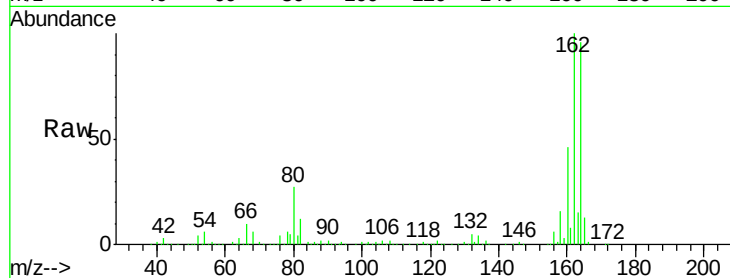
Tgt Ion:165 Resp: 71378

Ion Ratio Lower Upper

165 100

63 1.0 32.3 48.5#

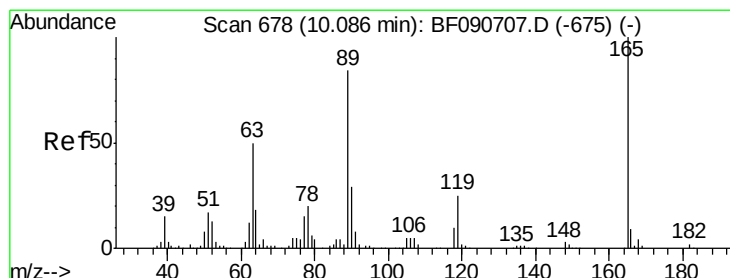
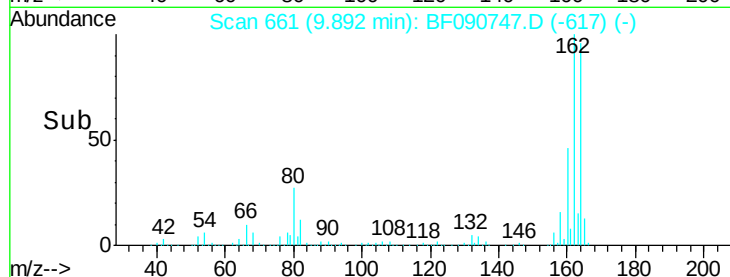
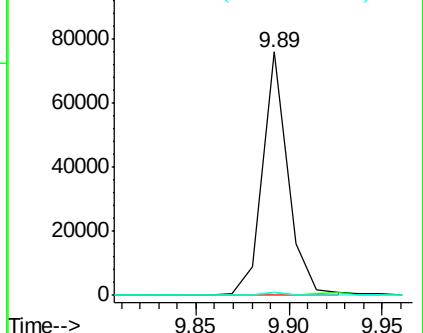
89 1.1 28.6 43.0#



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: 7.90 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.19 min

Lab File: BF090747.D

Acq: 22 Oct 2016 8:19

Tgt Ion:165 Resp: 72020

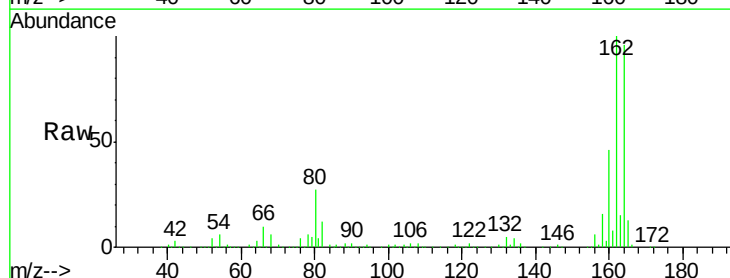
Ion Ratio Lower Upper

165 100

63 1.0 29.8 44.6#

89 1.1 44.5 66.7#

182 0.0 3.0 4.4#

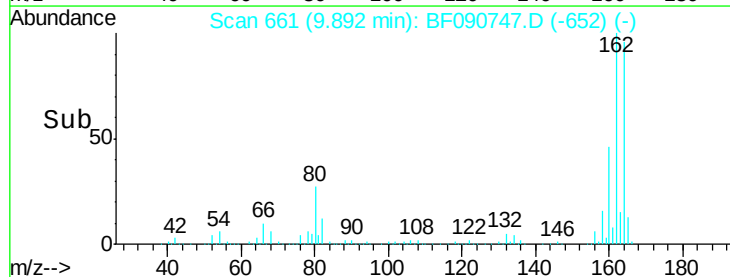
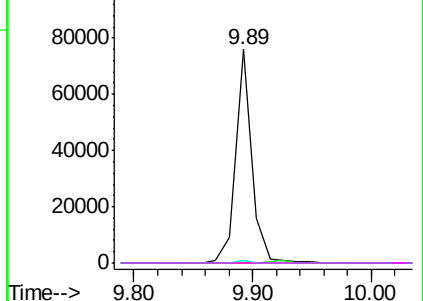


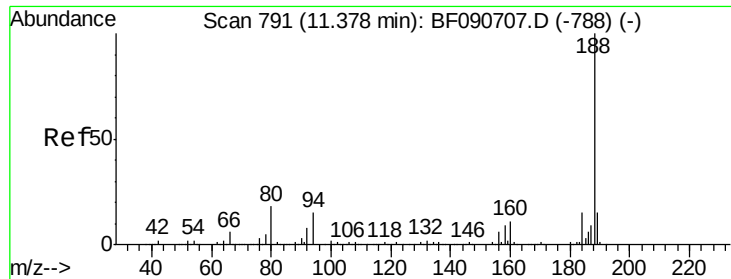
Abundance Ion 165.00 (164.70 to 165.70): E

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

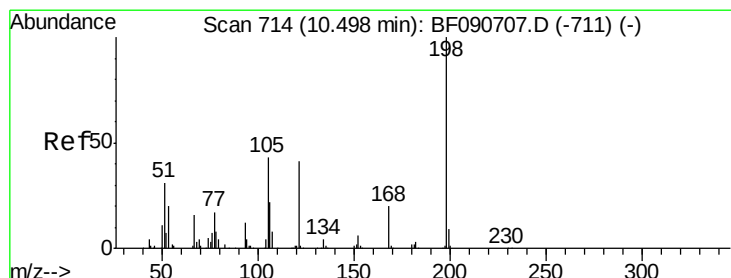
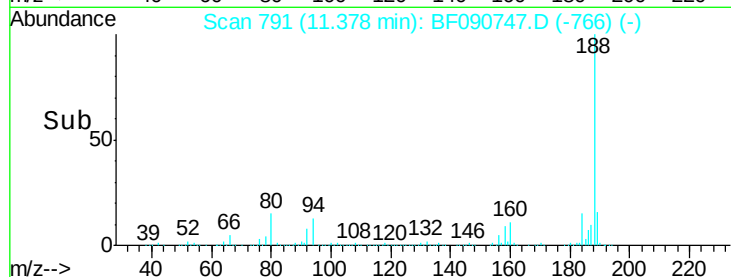
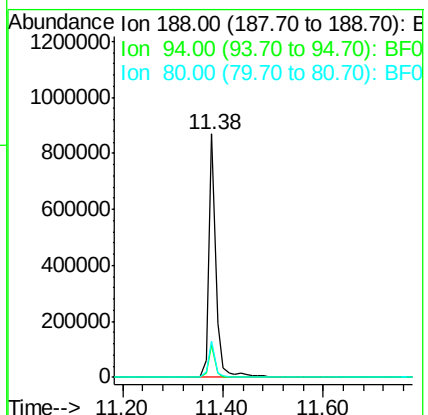
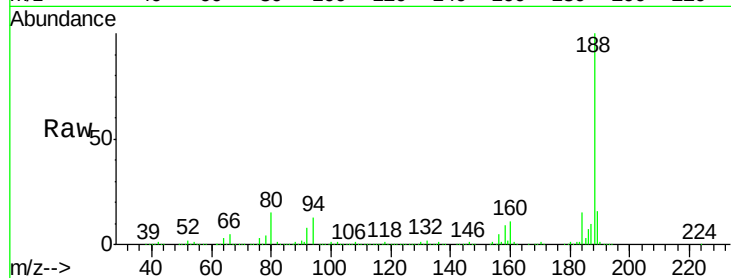




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090747.D
Acq: 22 Oct 2016 8:19

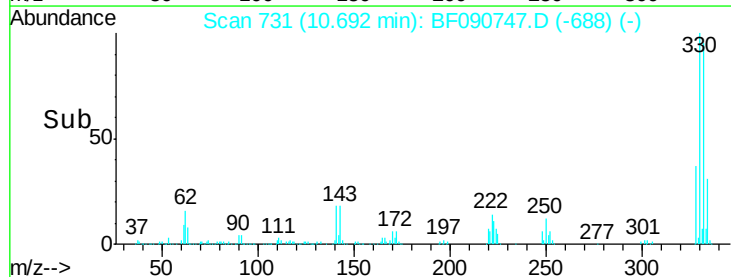
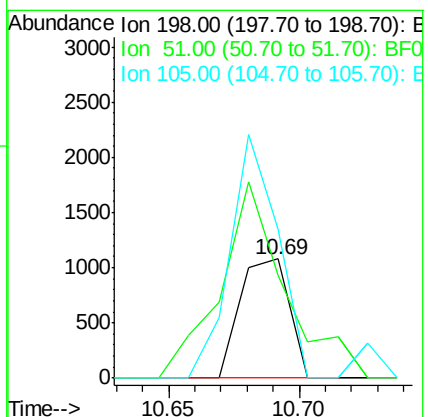
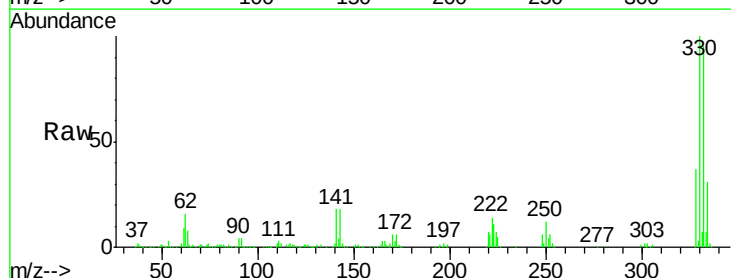
Instrument :
BNA_F
ClientSampled :
MW-103I

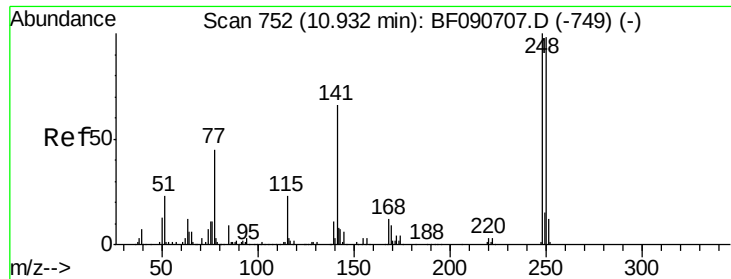
Tgt Ion:188 Resp: 862900
Ion Ratio Lower Upper
188 100
94 13.3 11.1 16.7
80 15.1 11.0 16.4



#64
4,6-Dinitro-2-methylphenol
Concen: 4.41 ng
RT: 10.69 min Scan# 731
Delta R.T. 0.19 min
Lab File: BF090747.D
Acq: 22 Oct 2016 8:19

Tgt Ion:198 Resp: 1429
Ion Ratio Lower Upper
198 100
51 85.8 39.6 79.6#
105 124.6 28.5 68.5#

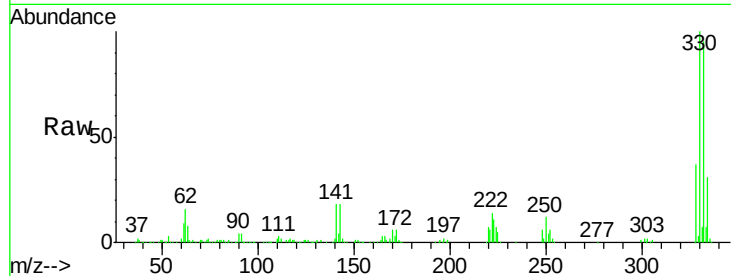




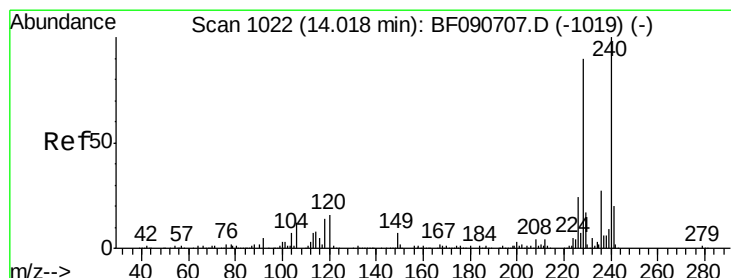
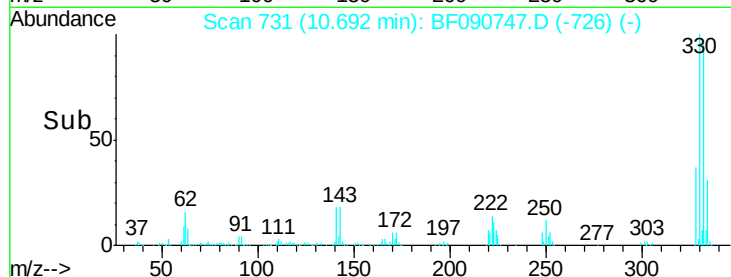
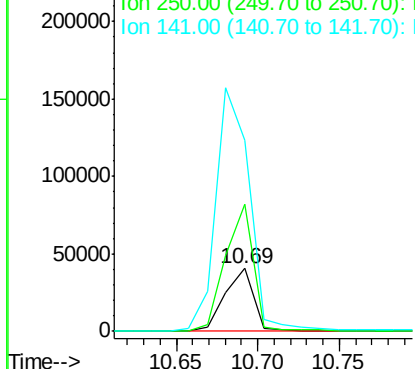
#66
 4-Bromophenyl-phenylether
 Concen: 5.79 ng
 RT: 10.69 min Scan# 731
 Delta R.T. -0.24 min
 Lab File: BF090747.D
 Acq: 22 Oct 2016 8:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-103I

Tgt Ion:248 Resp: 48462
 Ion Ratio Lower Upper
 248 100
 250 202.7 78.5 117.7#
 141 304.8 59.0 88.6#

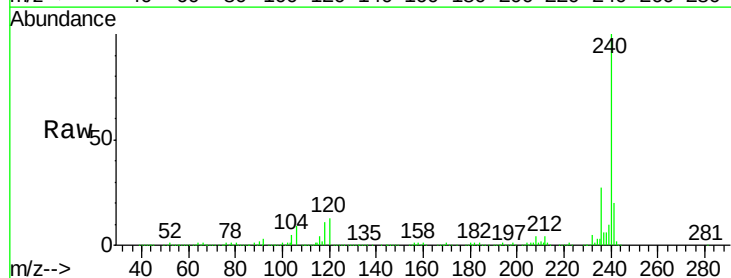


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

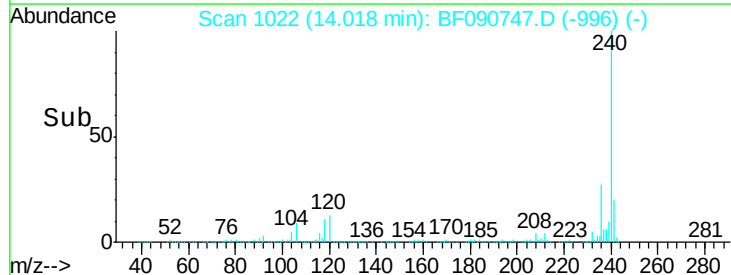
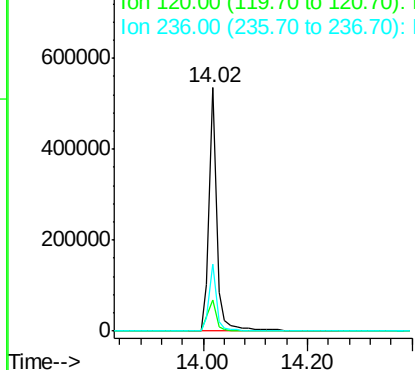


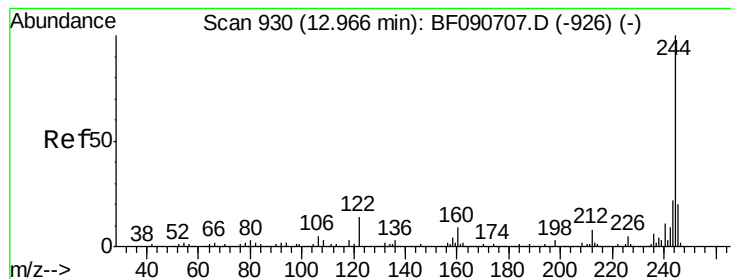
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF090747.D
 Acq: 22 Oct 2016 8:19

Tgt Ion:240 Resp: 559557
 Ion Ratio Lower Upper
 240 100
 120 12.7 16.2 24.2#
 236 27.3 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: 113.10 ng

RT: 12.98 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF090747.D

Acq: 22 Oct 2016 8:19

Instrument :

BNA_F

ClientSampleId :

MW-103I

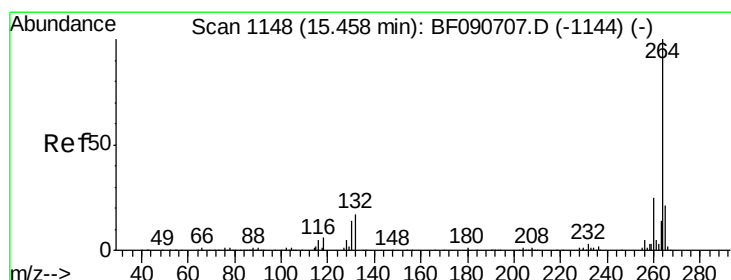
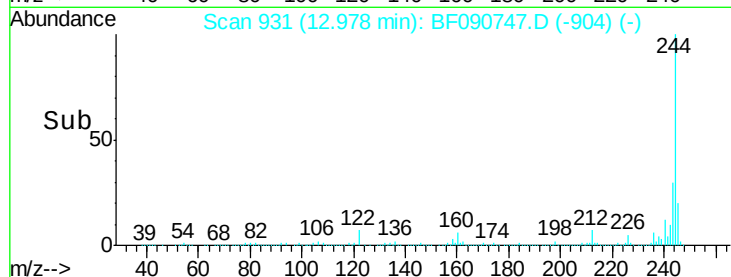
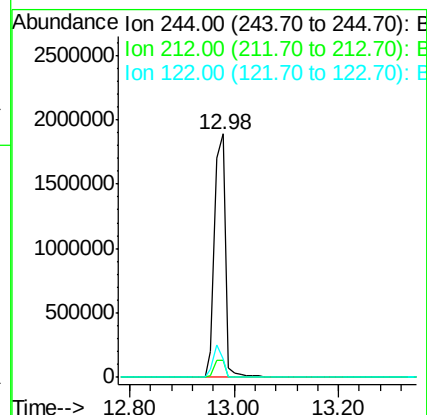
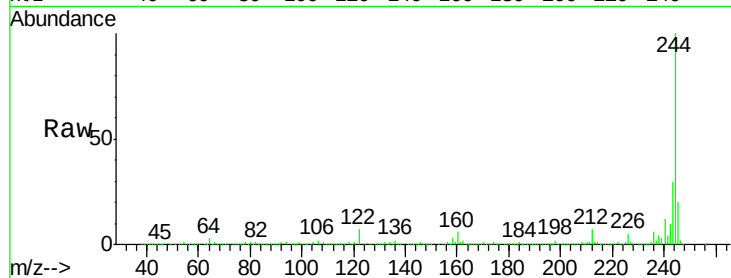
Tgt Ion:244 Resp: 2761317

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

122 7.3 17.4 26.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF090747.D

Acq: 22 Oct 2016 8:19

Tgt Ion:264 Resp: 381576

Ion Ratio Lower Upper

264 100

260 24.7 16.7 25.1

265 21.3 17.2 25.8

