

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090746.D
 Acq On : 22 Oct 2016 7:51
 Operator : UM/SJ
 Sample : H5308-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Quant Time: Oct 24 00:45:54 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

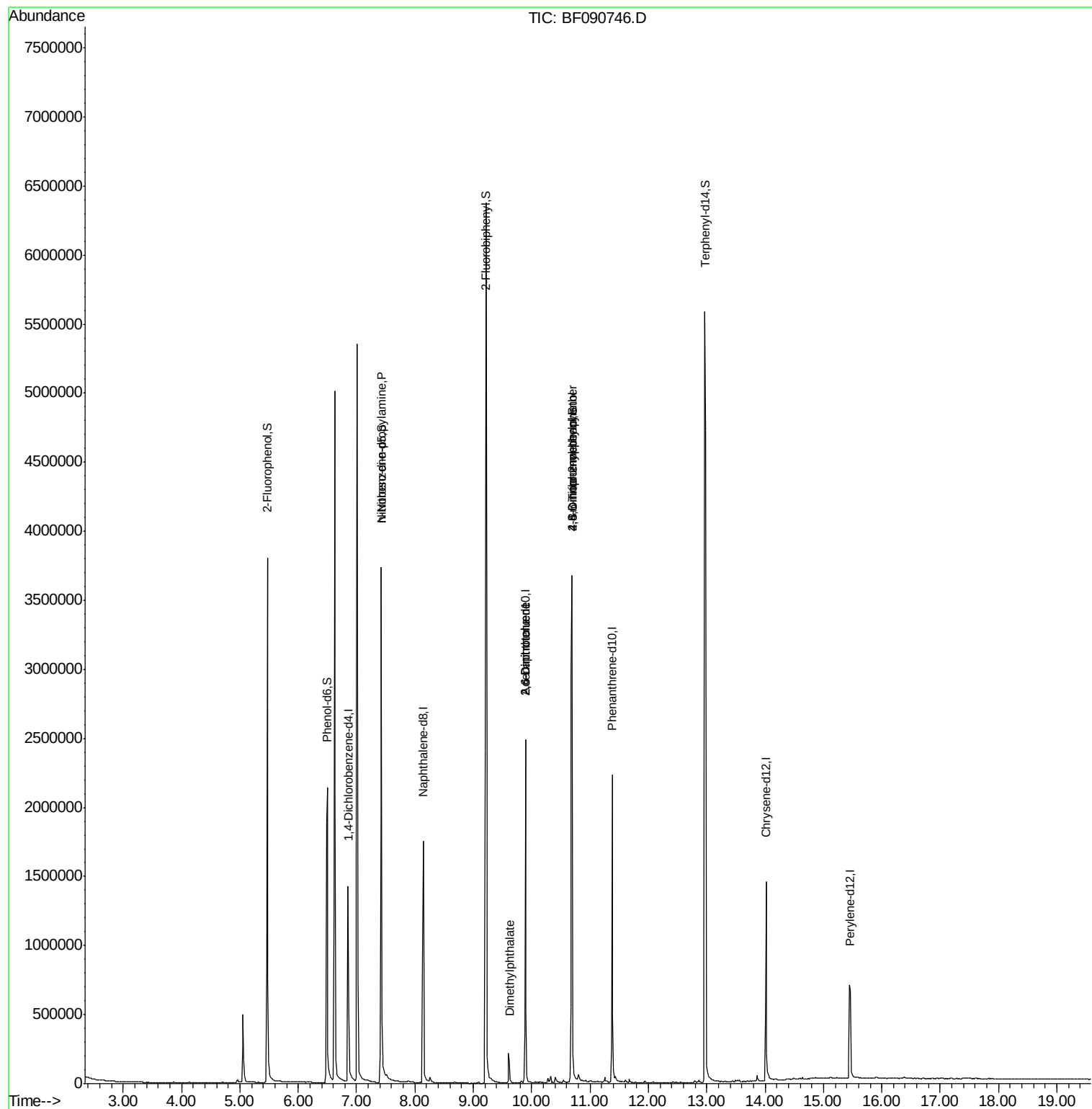
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	256924	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1091660	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	543633	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	859618	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	568238	20.00	ng	0.00
86) Perylene-d12	15.46	264	385644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1157840	72.68	ng	0.01
7) Phenol-d6	6.50	99	1254716	58.15	ng	0.00
23) Nitrobenzene-d5	7.42	82	1782002	89.53	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	732927	170.34	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2775261	79.25	ng	-0.01
78) Terphenyl-d14	12.97	244	2780155	112.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	239121	14.88	ng	# 52
49) Dimethylphthalate	9.62	163	130182	3.81	ng	# 96
50) 2,6-Dinitrotoluene	9.89	165	71035	9.67	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	71614	7.98	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.69	198	1349	4.40	ng	# 8
66) 4-Bromophenyl-phenylether	10.69	248	50412	6.05	ng	# 1

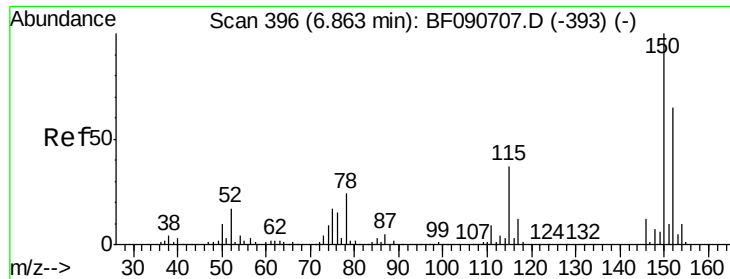
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090746.D

Acq: 22 Oct 2016 7:51

Instrument :

BNA_F

ClientSampleId :

MW-104D

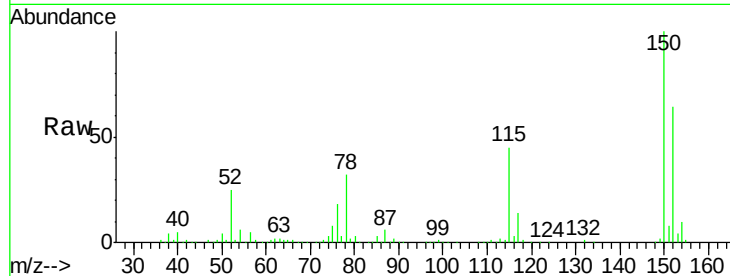
Tgt Ion:152 Resp: 256924

Ion Ratio Lower Upper

152 100

150 156.8 124.7 187.1

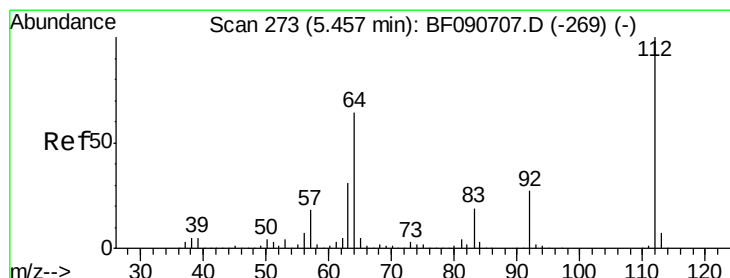
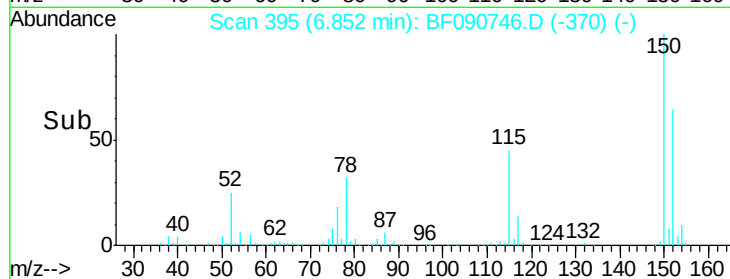
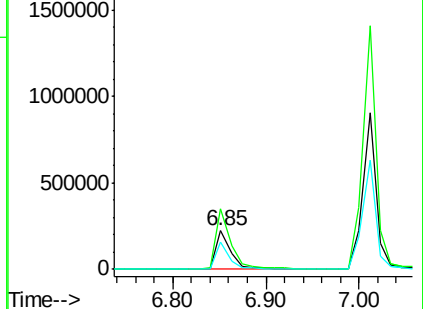
115 70.0 39.0 58.4#



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: 72.68 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090746.D

Acq: 22 Oct 2016 7:51

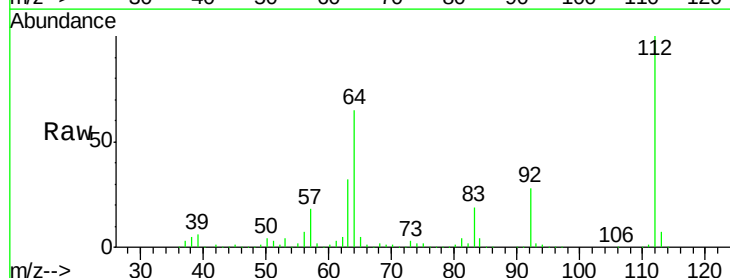
Tgt Ion:112 Resp: 1157840

Ion Ratio Lower Upper

112 100

64 65.0 39.7 59.5#

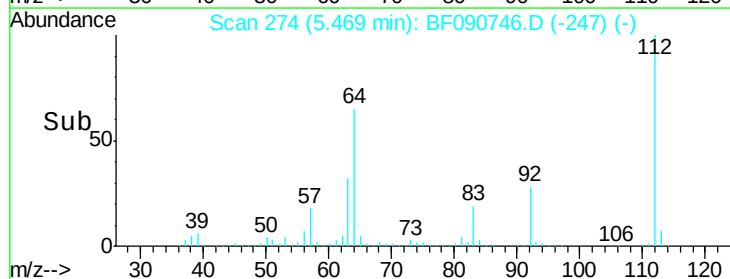
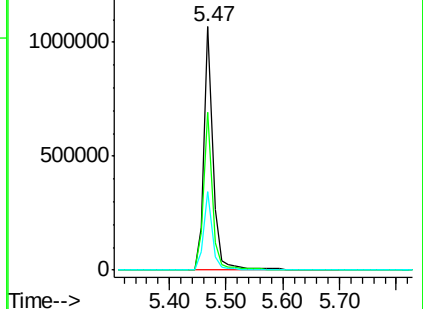
63 32.0 17.4 26.0#

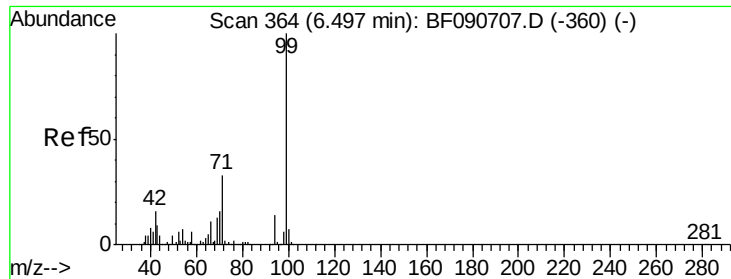


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 58.15 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090746.D

Acq: 22 Oct 2016 7:51

Instrument :

BNA_F

ClientSampleId :

MW-104D

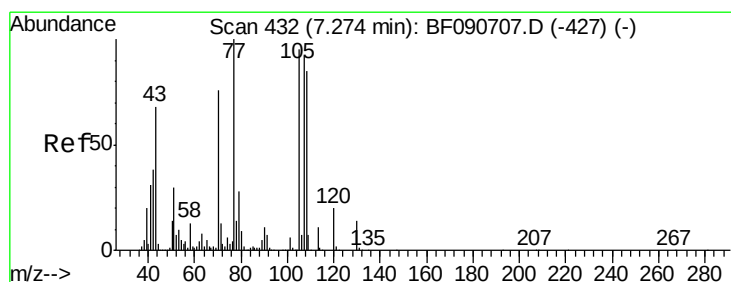
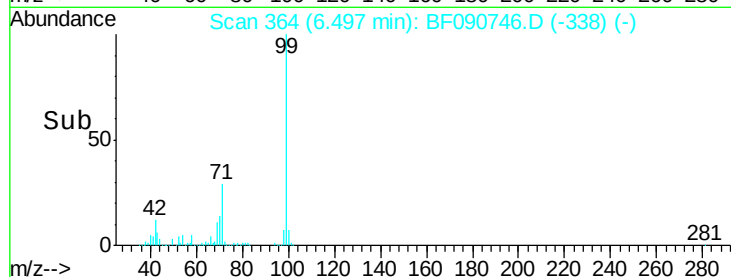
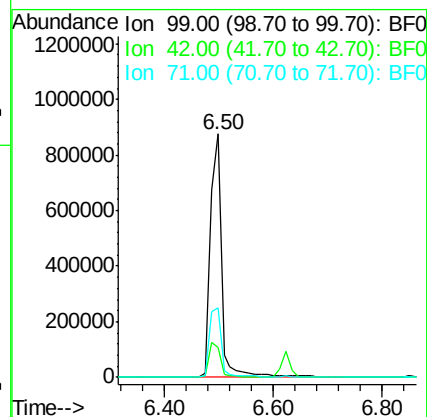
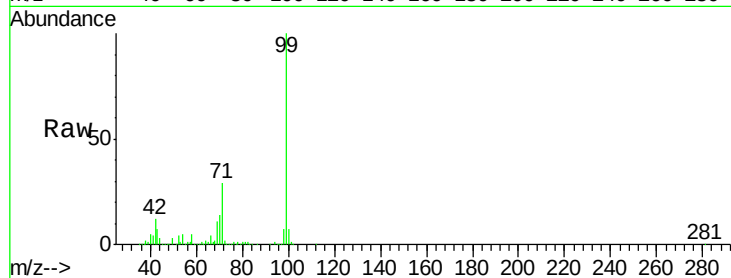
Tgt Ion: 99 Resp: 1254716

Ion Ratio Lower Upper

99 100

42 12.2 13.7 20.5#

71 28.8 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 14.88 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090746.D

Acq: 22 Oct 2016 7:51

Tgt Ion: 70 Resp: 239121

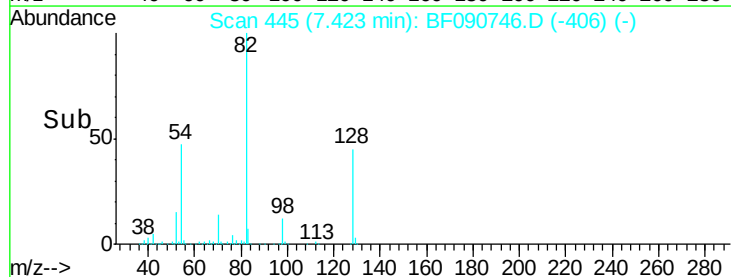
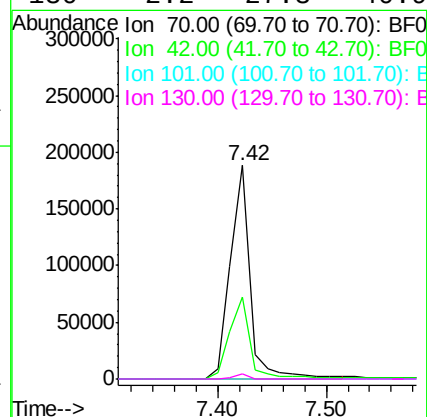
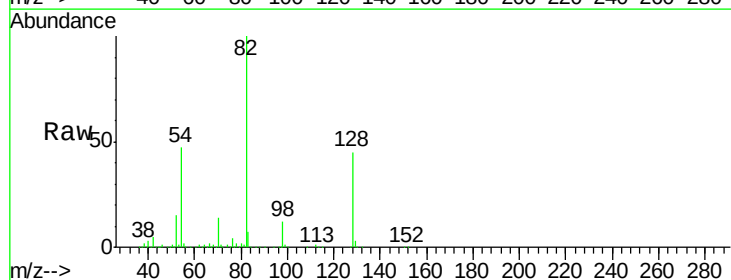
Ion Ratio Lower Upper

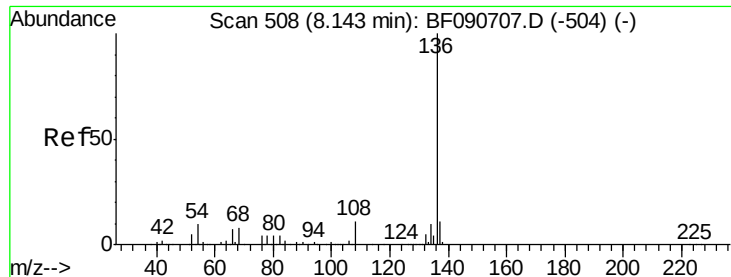
70 100

42 38.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

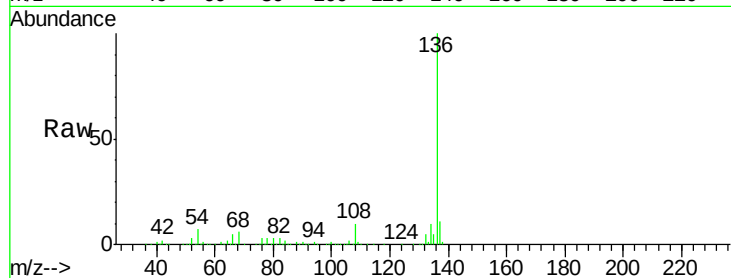




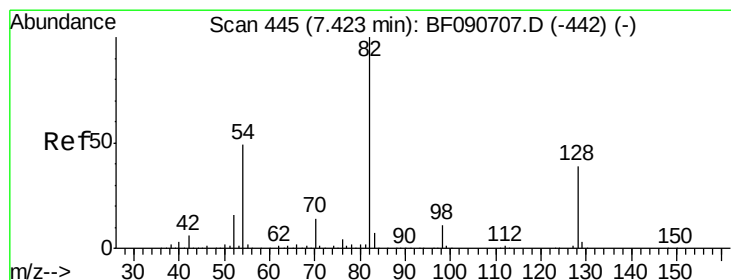
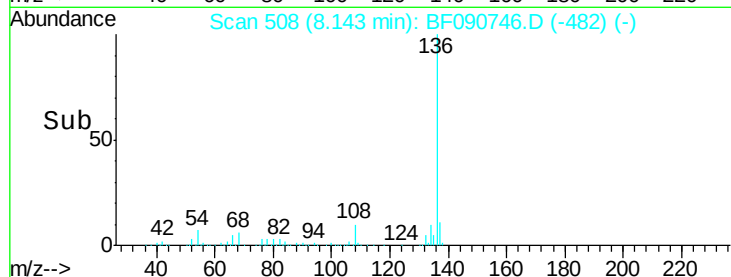
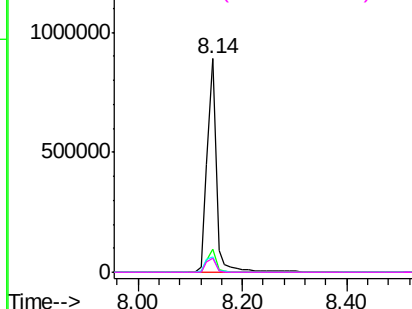
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090746.D
Acq: 22 Oct 2016 7:51

Instrument :
BNA_F
ClientSampleId :
MW-104D

Tgt Ion:136 Resp: 1091660
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.2 8.2 12.2#
68 6.5 5.8 8.6

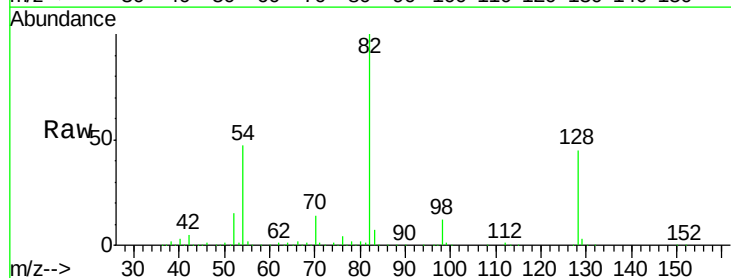


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

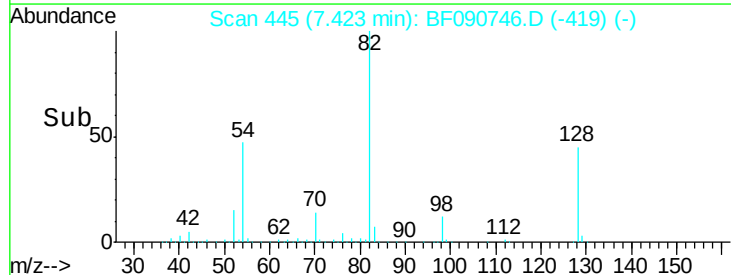
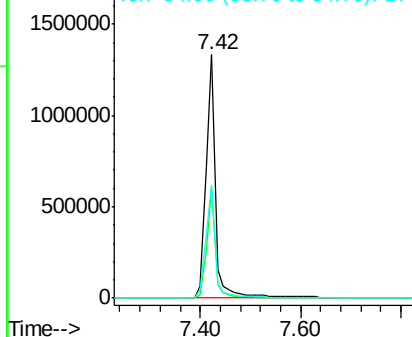


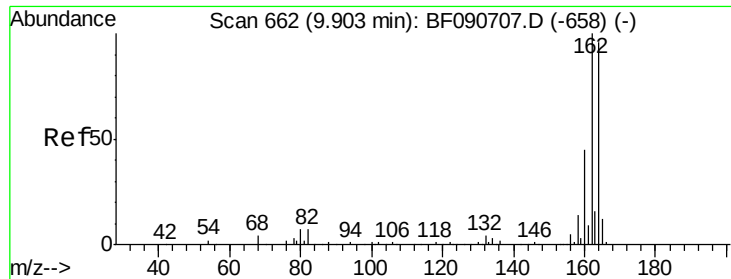
#23
Nitrobenzene-d5
Concen: 89.53 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090746.D
Acq: 22 Oct 2016 7:51

Tgt Ion: 82 Resp: 1782002
Ion Ratio Lower Upper
82 100
128 45.1 51.0 76.6#
54 46.6 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: BF090746.D

Acq: 22 Oct 2016 7:51

Instrument :

BNA_F

ClientSampleId :

MW-104D

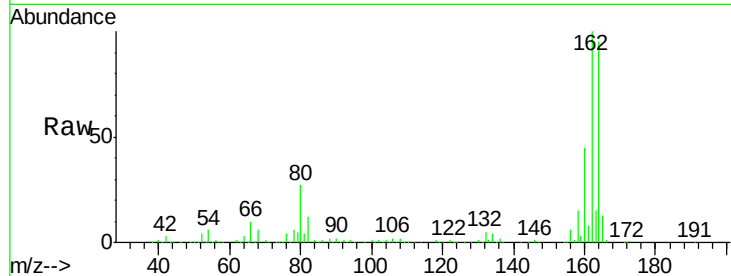
Tgt Ion:164 Resp: 543633

Ion Ratio Lower Upper

164 100

162 105.5 75.2 112.8

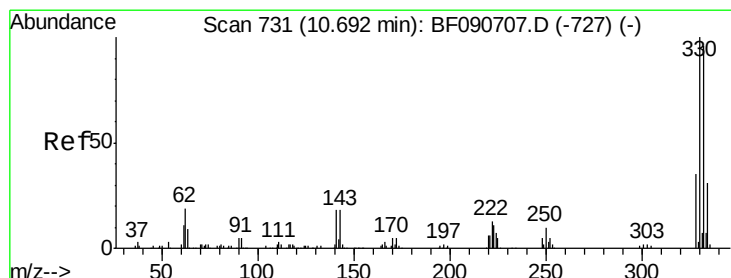
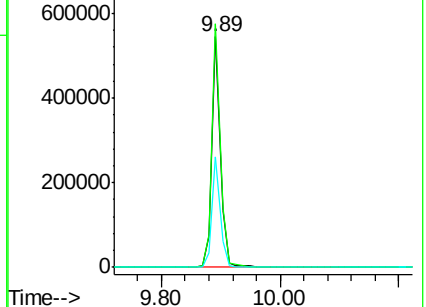
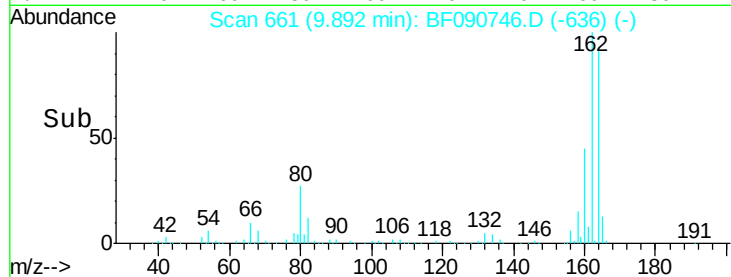
160 47.7 31.5 47.3#



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: 170.34 ng

RT: 10.69 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF090746.D

Acq: 22 Oct 2016 7:51

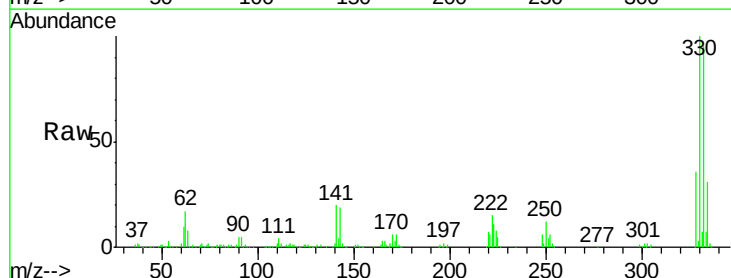
Tgt Ion:330 Resp: 732927

Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

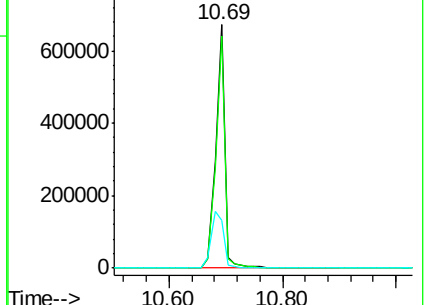
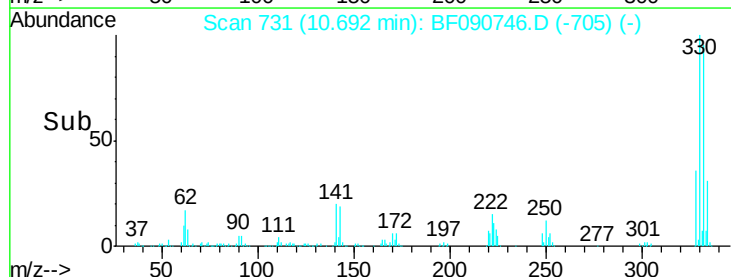
141 32.7 29.7 44.5

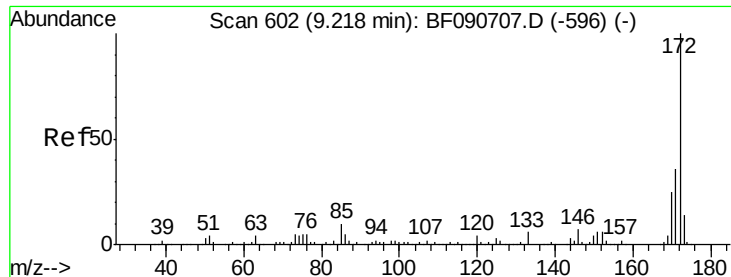


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

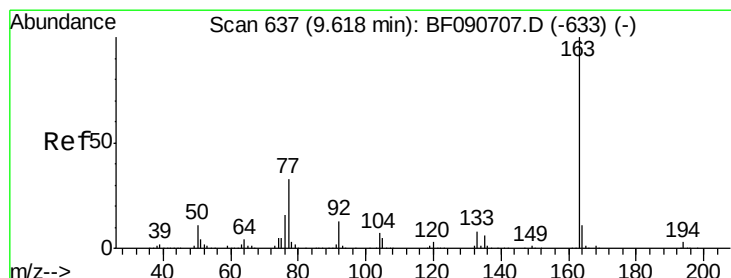
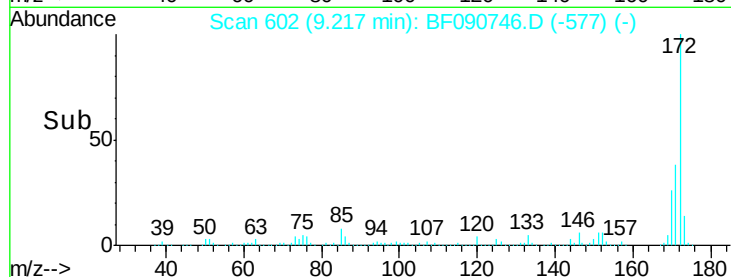
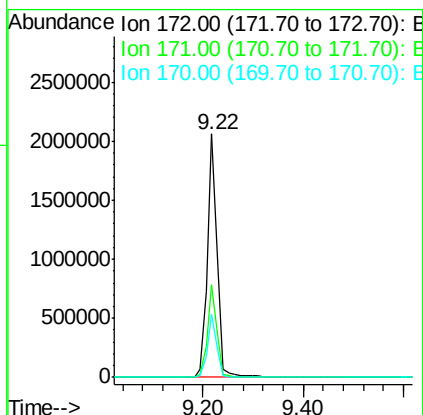
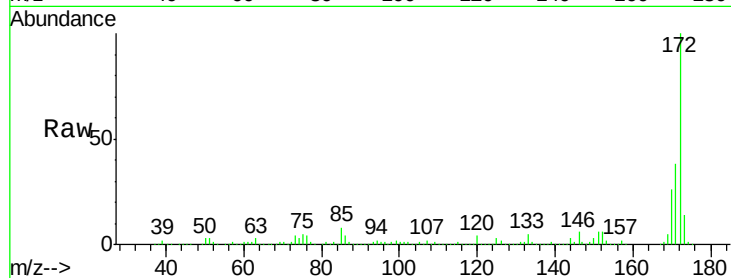




#44
 2-Fluorobiphenyl
 Concen: 79.25 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090746.D
 Acq: 22 Oct 2016 7:51

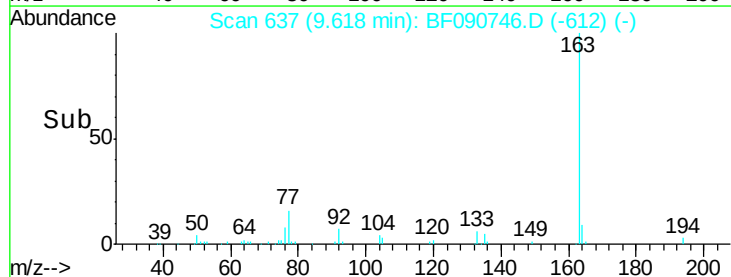
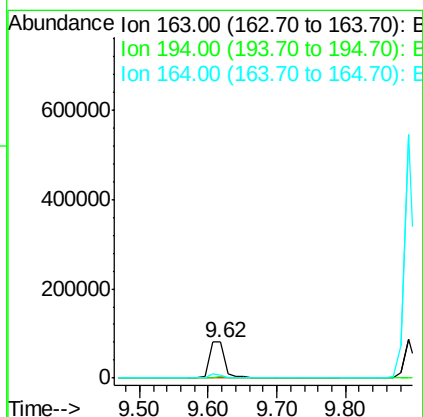
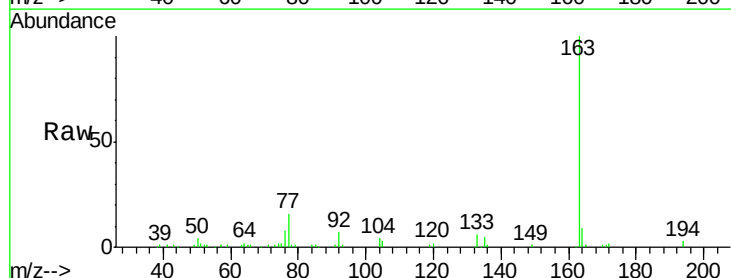
Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

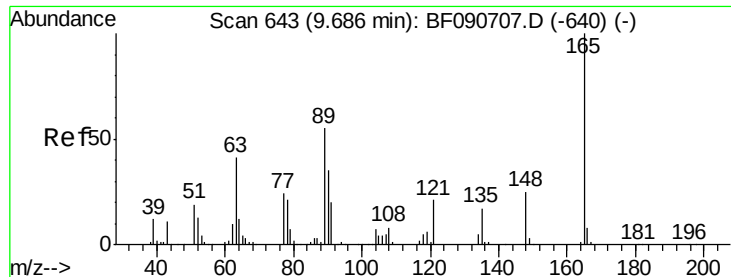
Tgt Ion:172 Resp: 2775261
 Ion Ratio Lower Upper
 172 100
 171 37.8 26.1 39.1
 170 25.9 17.4 26.2



#49
 Dimethylphthalate
 Concen: 3.81 ng
 RT: 9.62 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF090746.D
 Acq: 22 Oct 2016 7:51

Tgt Ion:163 Resp: 130182
 Ion Ratio Lower Upper
 163 100
 194 3.5 4.4 6.6#
 164 9.5 8.3 12.5

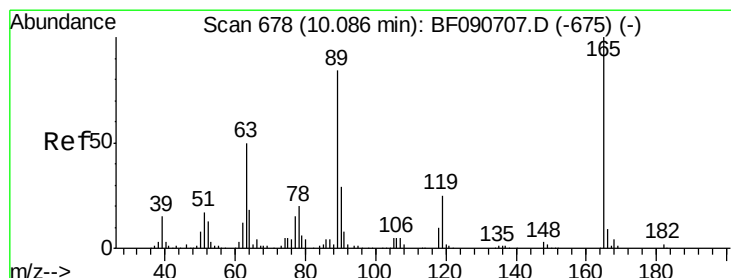
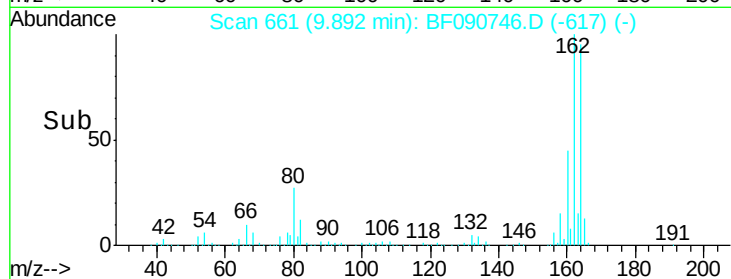
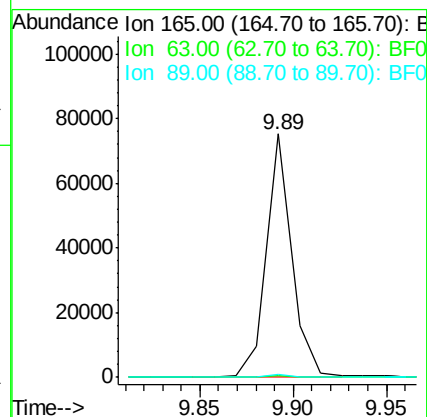
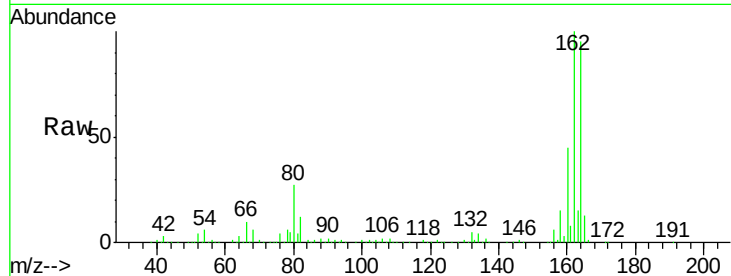




#50
 2,6-Dinitrotoluene
 Concen: 9.67 ng
 RT: 9.89 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF090746.D
 Acq: 22 Oct 2016 7:51

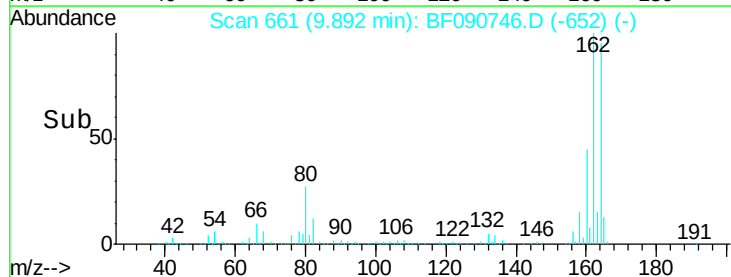
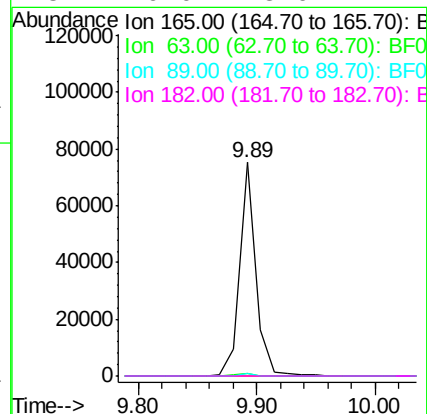
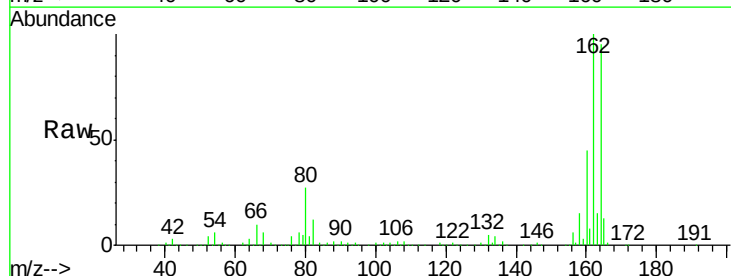
Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

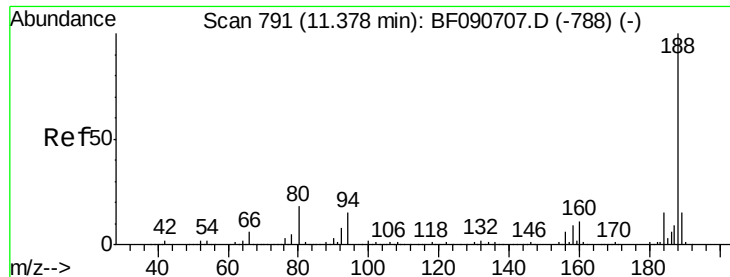
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.3	48.5#
89	1.1	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.98 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090746.D
 Acq: 22 Oct 2016 7:51

Tgt 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#

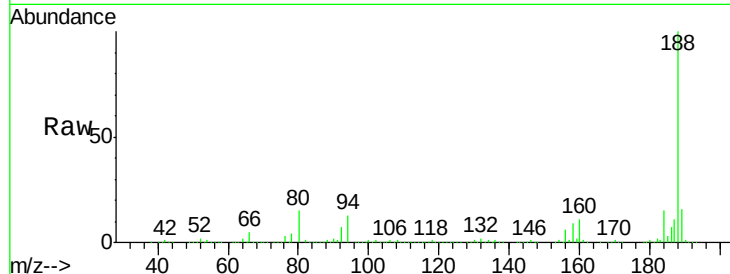




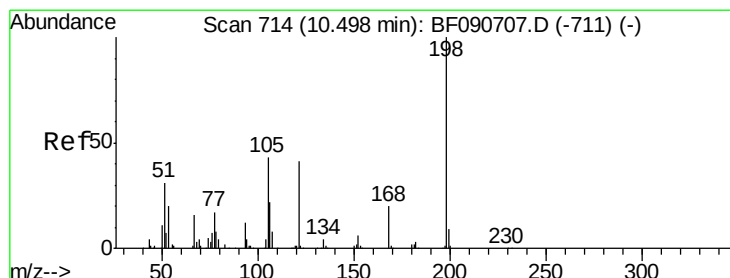
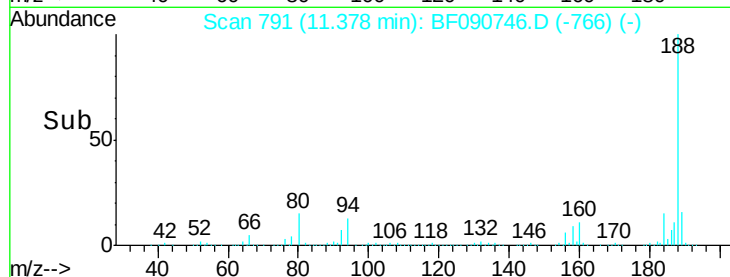
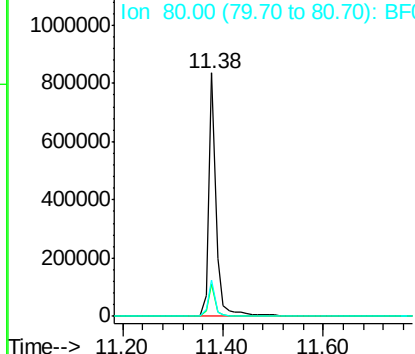
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090746.D
Acq: 22 Oct 2016 7:51

Instrument :
BNA_F
ClientSampleId :
MW-104D

Tgt Ion:188 Resp: 859618
Ion Ratio Lower Upper
188 100
94 13.2 11.1 16.7
80 14.9 11.0 16.4

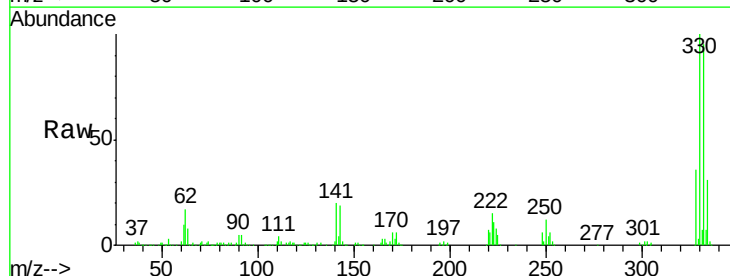


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

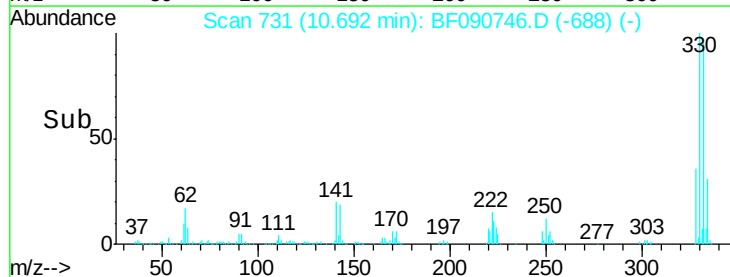
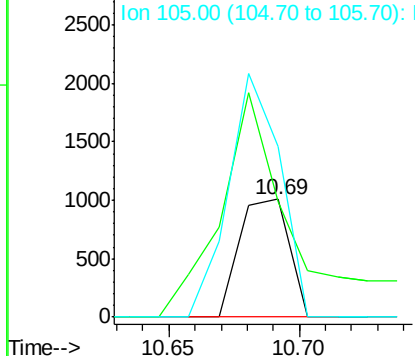


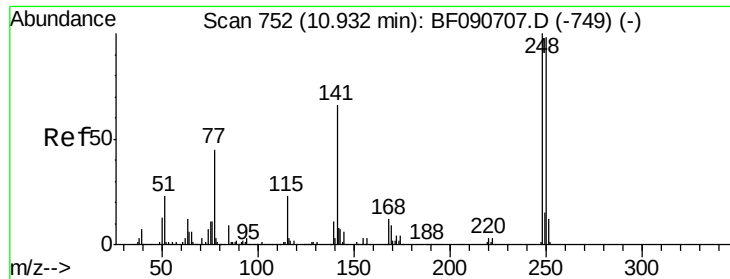
#64
4,6-Dinitro-2-methylphenol
Concen: 4.40 ng
RT: 10.69 min Scan# 731
Delta R.T. 0.19 min
Lab File: BF090746.D
Acq: 22 Oct 2016 7:51

Tgt Ion:198 Resp: 1349
Ion Ratio Lower Upper
198 100
51 98.5 39.6 79.6#
105 144.9 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

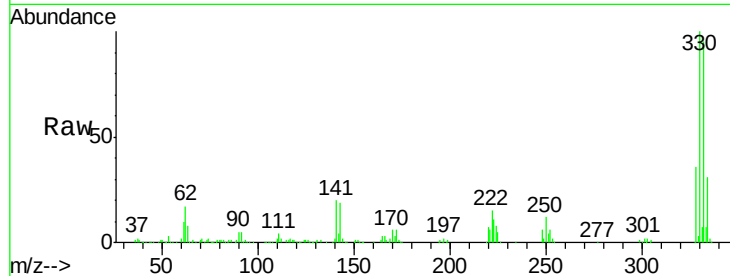




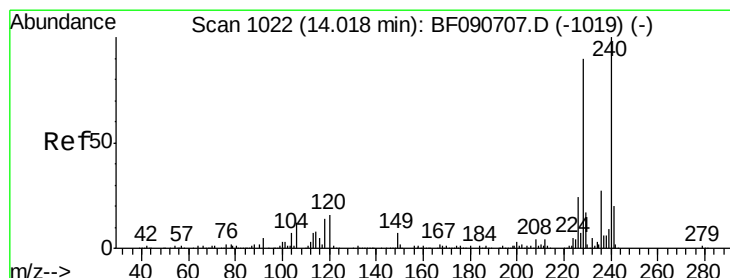
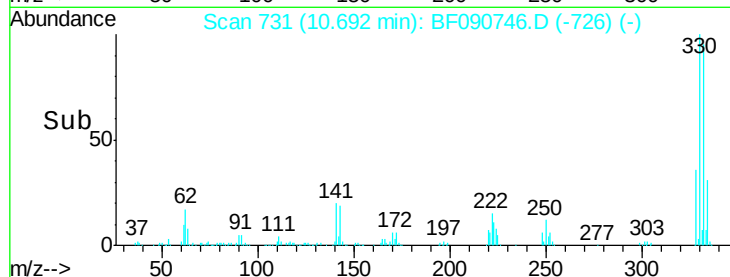
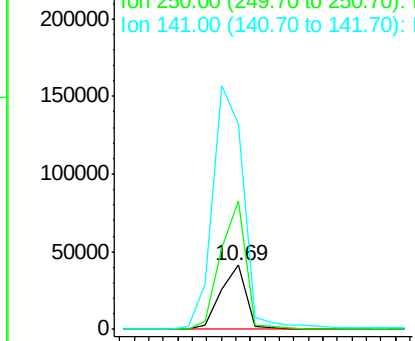
#66
4-Bromophenyl-phenylether
Concen: 6.05 ng
RT: 10.69 min Scan# 731
Delta R.T. -0.24 min
Lab File: BF090746.D
Acq: 22 Oct 2016 7:51

Instrument :
BNA_F
ClientSampleId :
MW-104D

Tgt Ion:248 Resp: 50412
Ion Ratio Lower Upper
248 100
250 198.9 78.5 117.7#
141 319.0 59.0 88.6#

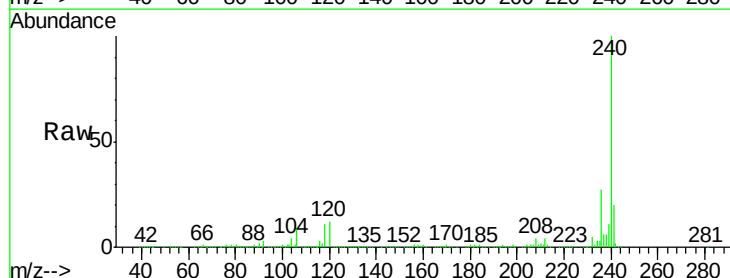


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

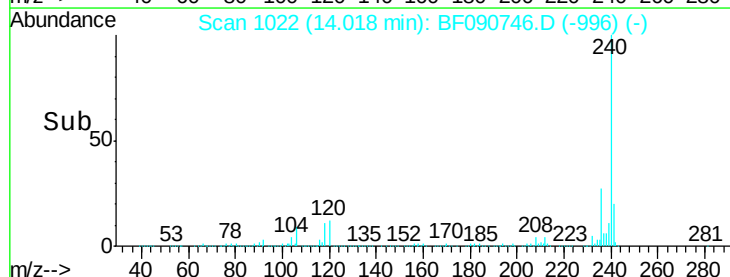
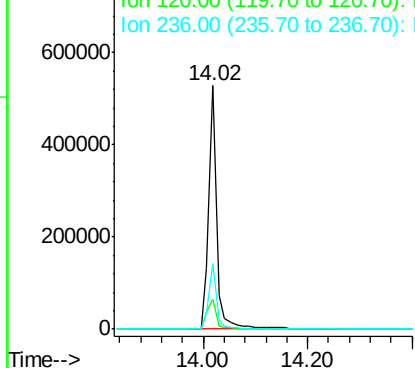


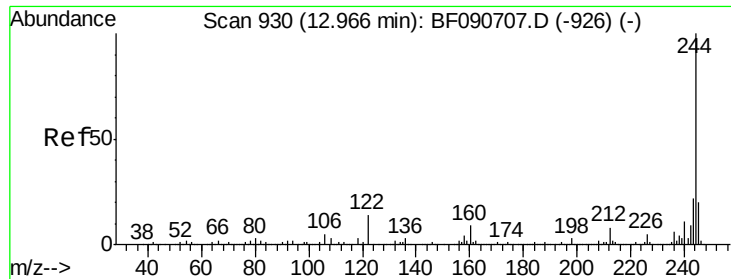
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090746.D
Acq: 22 Oct 2016 7:51

Tgt Ion:240 Resp: 568238
Ion Ratio Lower Upper
240 100
120 12.0 16.2 24.2#
236 27.1 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

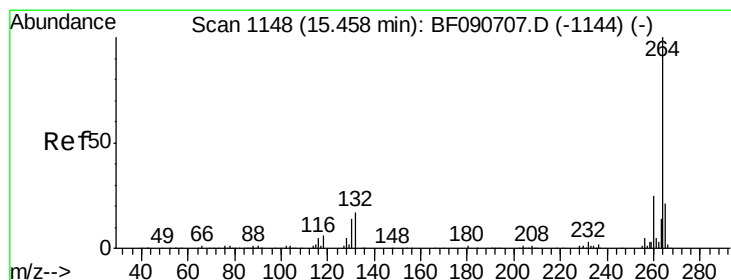
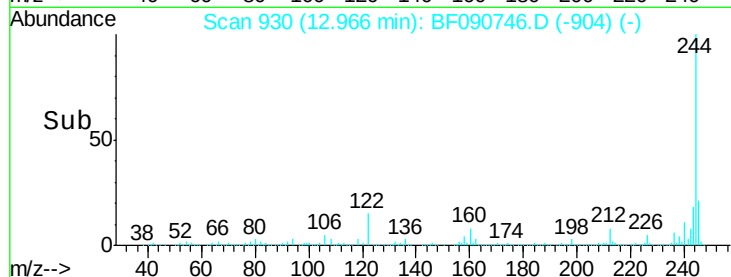
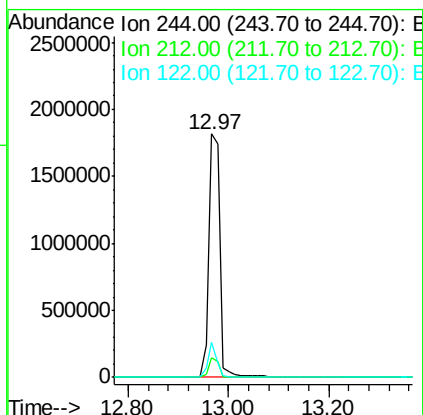
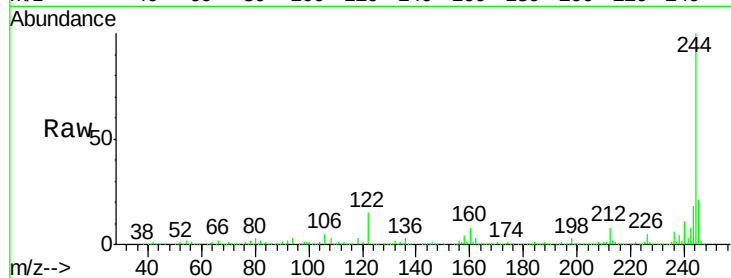




#78
 Terphenyl-d14
 Concen: 112.13 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090746.D
 Acq: 22 Oct 2016 7:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Tgt Ion:244 Resp: 2780155
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 14.6 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: BF090746.D
 Acq: 22 Oct 2016 7:51

Tgt Ion:264 Resp: 385644
 Ion Ratio Lower Upper
 264 100
 260 25.0 16.7 25.1
 265 21.0 17.2 25.8

