

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090734.D
 Acq On : 22 Oct 2016 2:21
 Operator : UM/SJ
 Sample : H5308-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101D

Quant Time: Oct 22 02:57:37 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

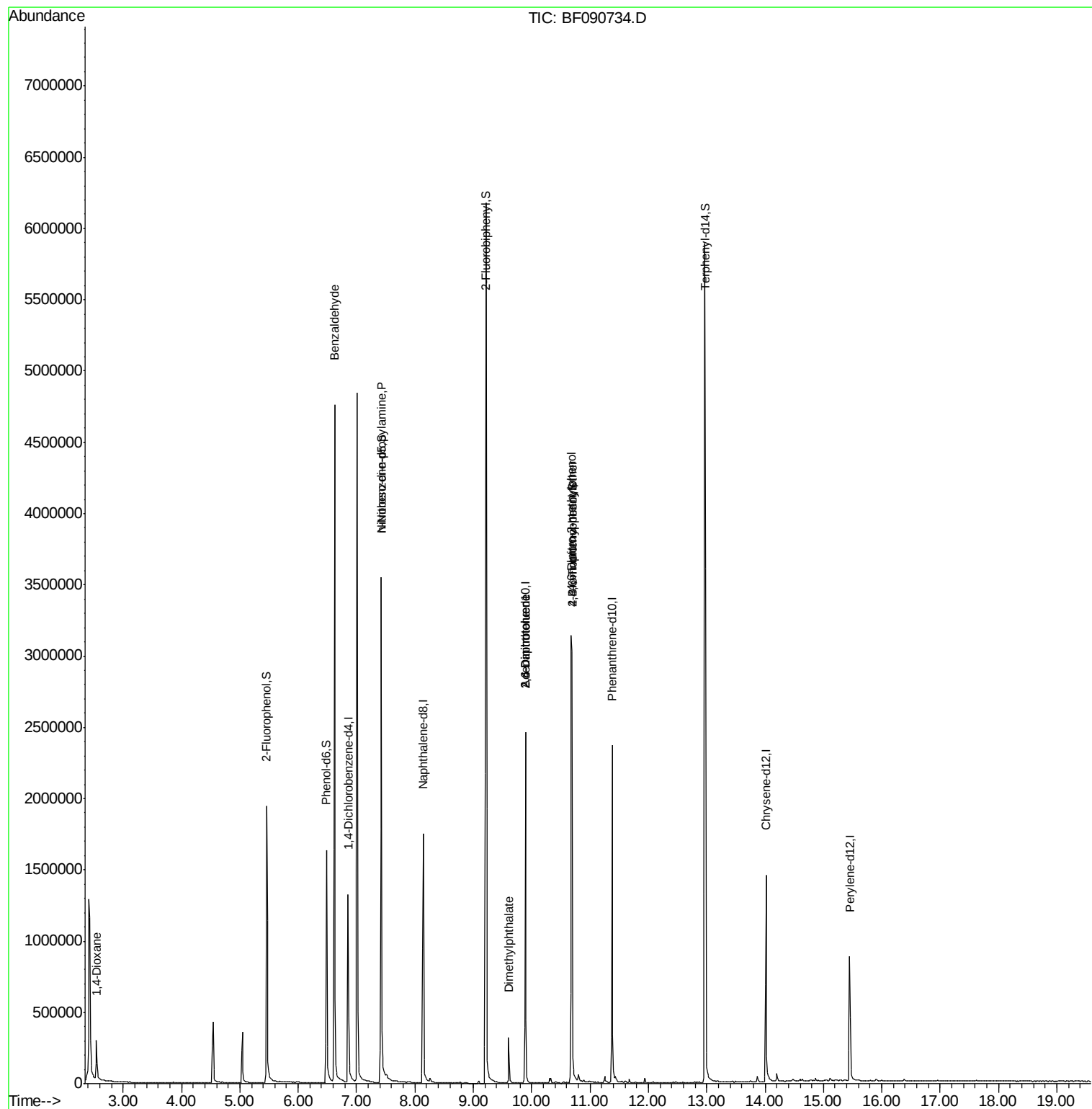
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	247412	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1073888	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	545620	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	874740	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	632943	20.00	ng	0.00
86) Perylene-d12	15.45	264	420598	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	759874	49.53	ng	0.00
7) Phenol-d6	6.49	99	649316	31.25	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1674464	85.52	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	755031	174.83	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2606986	74.17	ng	-0.01
78) Terphenyl-d14	12.97	244	2739216	99.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.54	88	146687	16.52	ng	# 80
9) Benzaldehyde	6.62	77	31617	2.78	ng	# 65
19) n-Nitroso-di-n-propylamine	7.42	70	222435	14.37	ng	# 51
49) Dimethylphthalate	9.61	163	170600	4.98	ng	# 97
50) 2,6-Dinitrotoluene	9.89	165	70611	9.58	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	71163	7.90	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1246	4.38	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	48450	5.71	ng	# 1

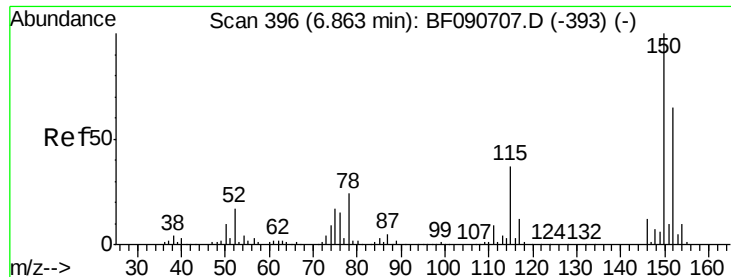
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090734.D

Acq: 22 Oct 2016 2:21

Instrument :

BNA_F

ClientSampleId :

MW-101D

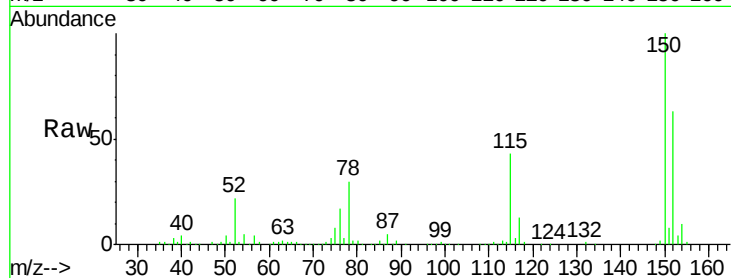
Tgt Ion:152 Resp: 247412

Ion Ratio Lower Upper

152 100

150 158.3 124.7 187.1

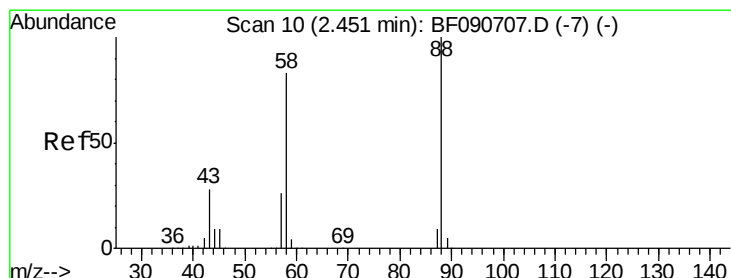
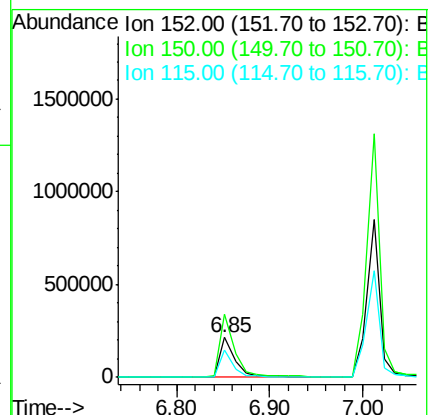
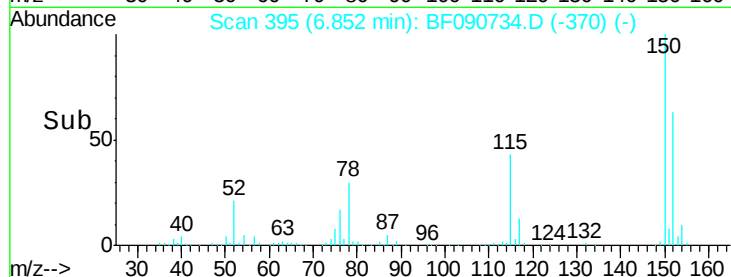
115 68.1 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 16.52 ng

RT: 2.54 min Scan# 18

Delta R.T. 0.06 min

Lab File: BF090734.D

Acq: 22 Oct 2016 2:21

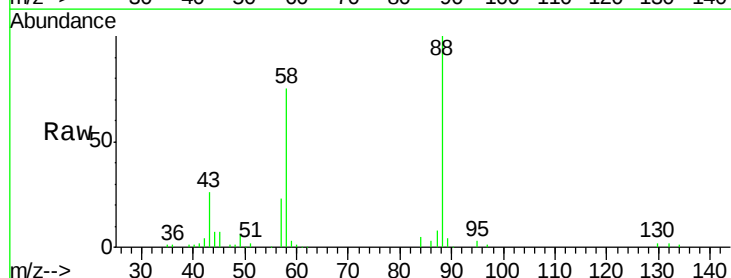
Tgt Ion: 88 Resp: 146687

Ion Ratio Lower Upper

88 100

58 75.5 77.7 116.5#

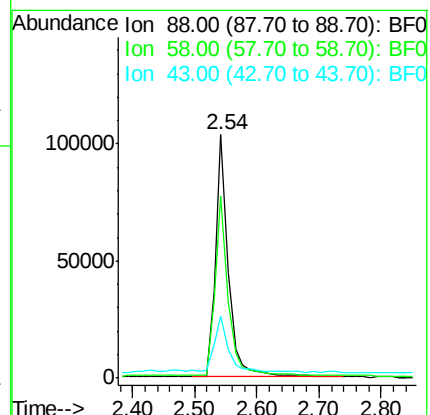
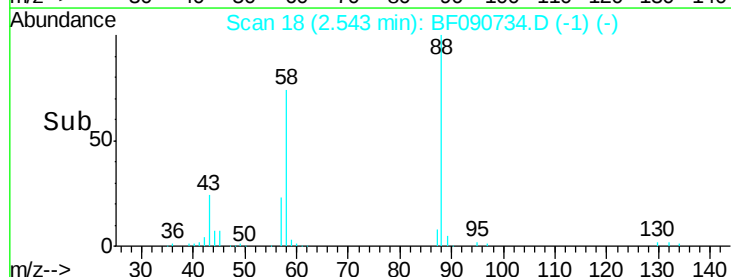
43 24.9 26.6 40.0#

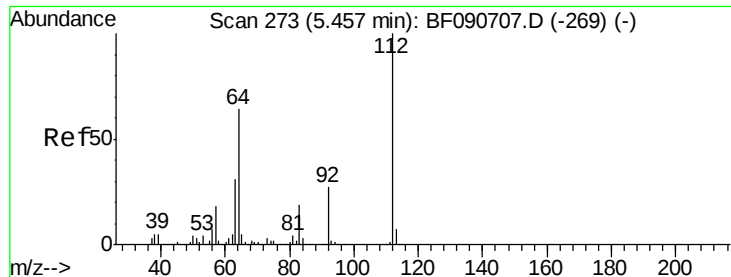


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 49.53 ng

RT: 5.46 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF090734.D

Acq: 22 Oct 2016 2:21

Instrument :

BNA_F

ClientSampleId :

MW-101D

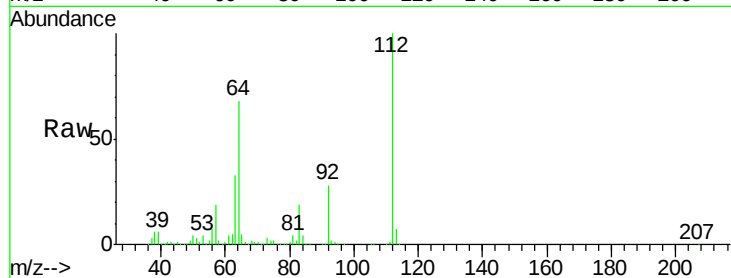
Tgt Ion: 112 Resp: 759874

Ion Ratio Lower Upper

112 100

64 67.7 39.7 59.5#

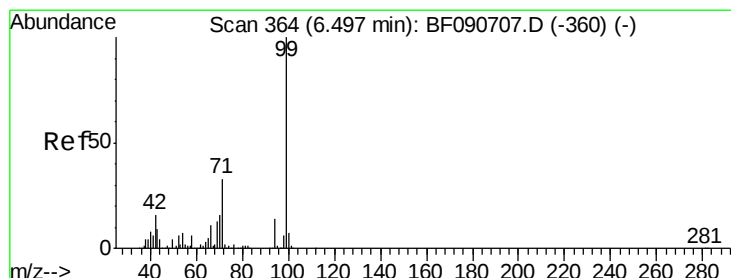
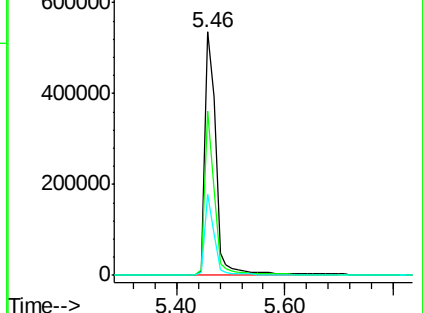
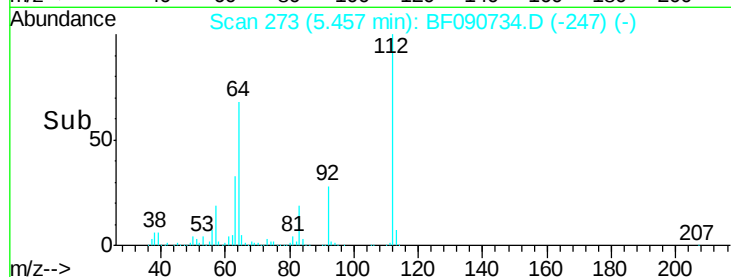
63 33.2 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 31.25 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090734.D

Acq: 22 Oct 2016 2:21

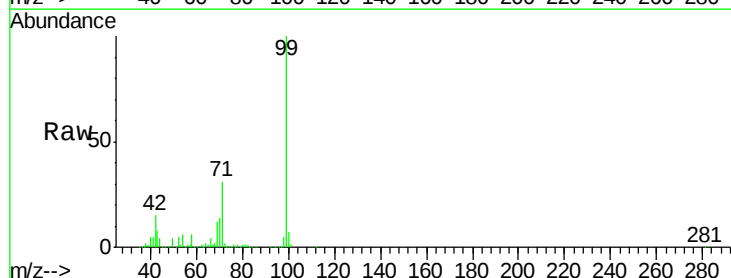
Tgt Ion: 99 Resp: 649316

Ion Ratio Lower Upper

99 100

42 14.5 13.7 20.5

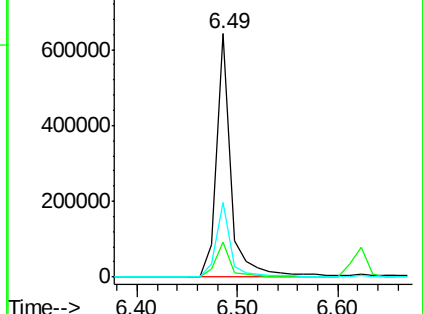
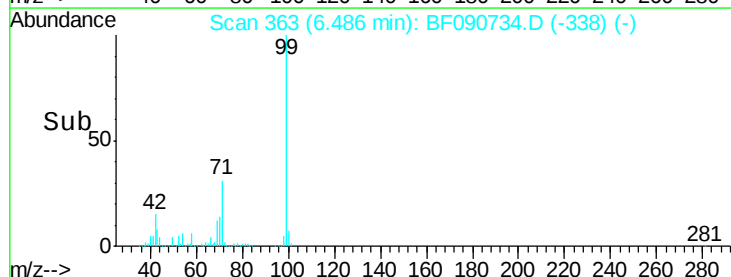
71 30.9 14.2 21.2#

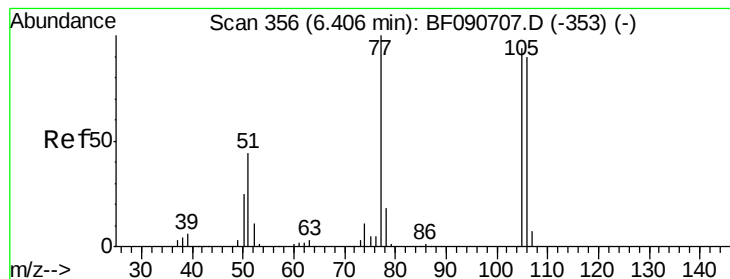


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 2.78 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.22 min

Lab File: BF090734.D

Acq: 22 Oct 2016 2:21

Instrument :

BNA_F

ClientSampleId :

MW-101D

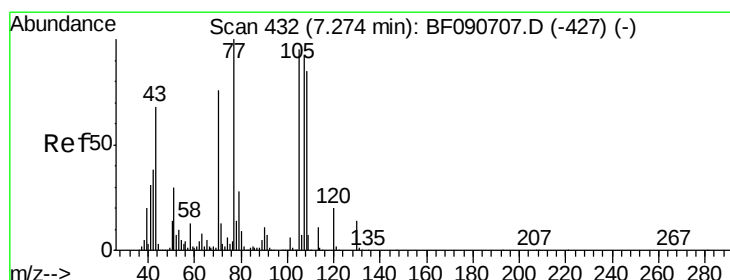
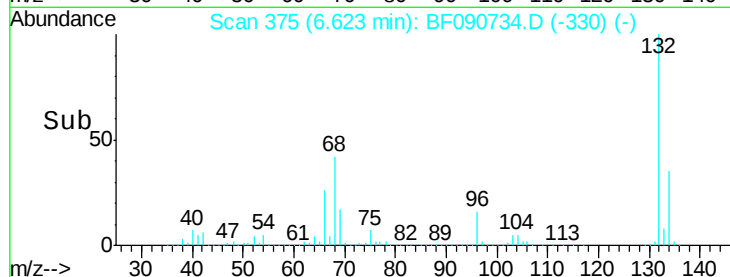
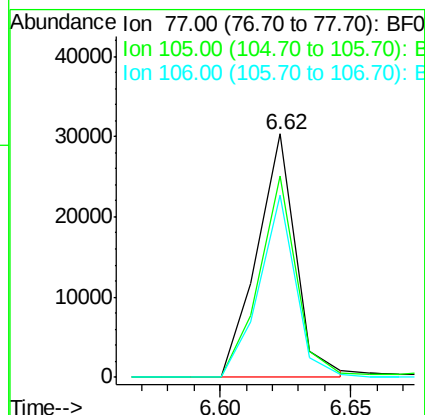
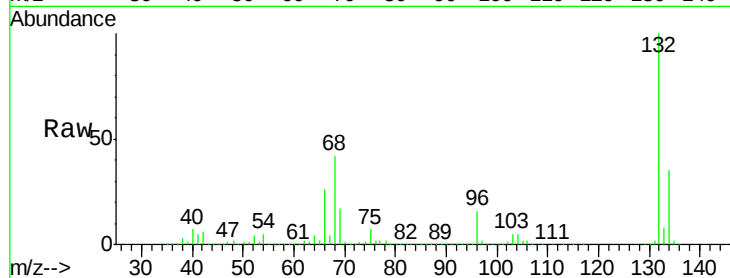
Tgt Ion: 77 Resp: 31617

Ion Ratio Lower Upper

77 100

105 82.7 91.6 131.6#

106 74.9 102.6 142.6#



#19

n-Nitroso-di-n-propylamine

Concen: 14.37 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090734.D

Acq: 22 Oct 2016 2:21

Tgt Ion: 70 Resp: 222435

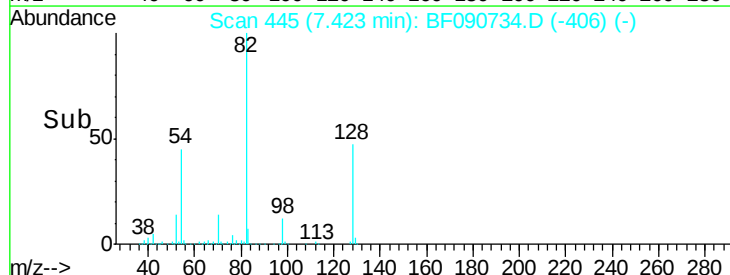
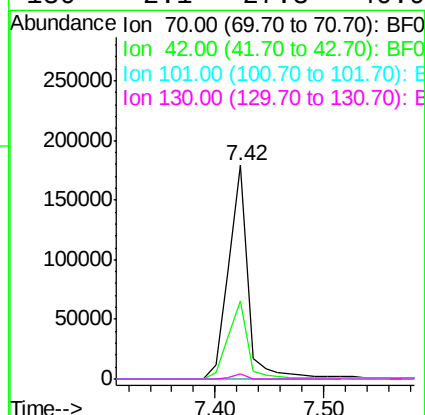
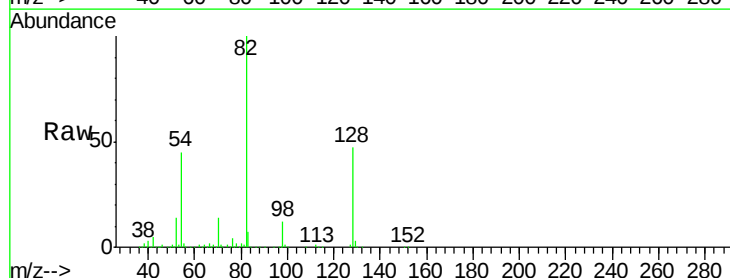
Ion Ratio Lower Upper

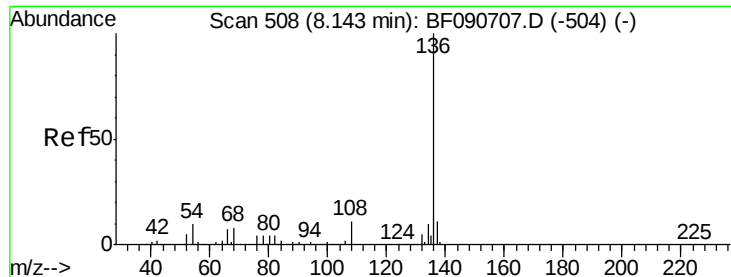
70 100

42 36.8 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: BF090734.D

Acq: 22 Oct 2016 2:21

Instrument :

BNA_F

ClientSampleId :

MW-101D

Tgt Ion:136 Resp: 1073888

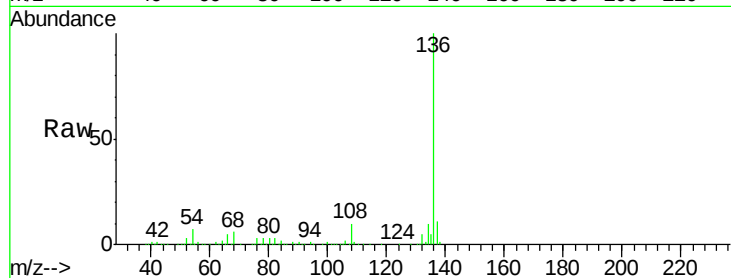
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 6.9 8.2 12.2#

68 6.1 5.8 8.6

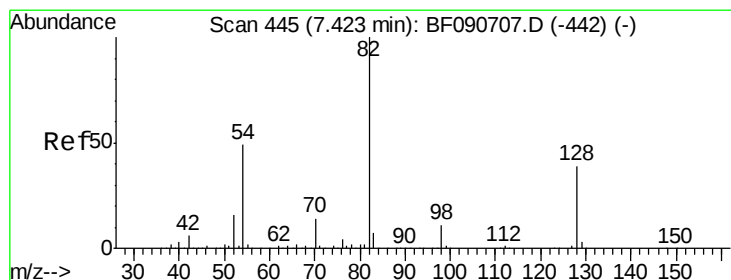
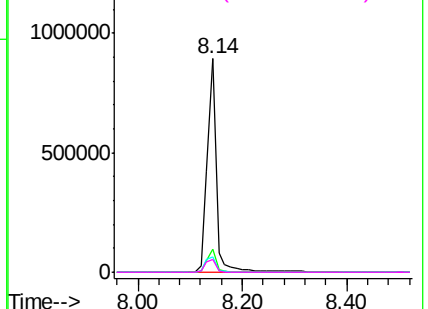
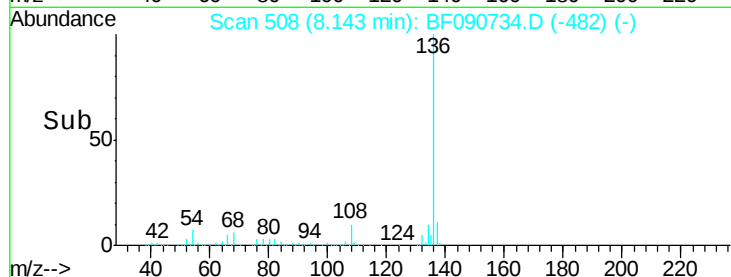


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.52 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090734.D

Acq: 22 Oct 2016 2:21

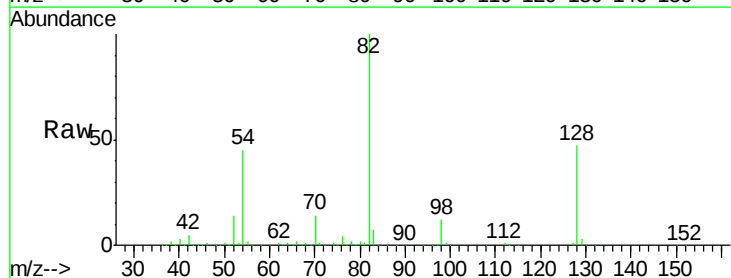
Tgt Ion: 82 Resp: 1674464

Ion Ratio Lower Upper

82 100

128 47.0 51.0 76.6#

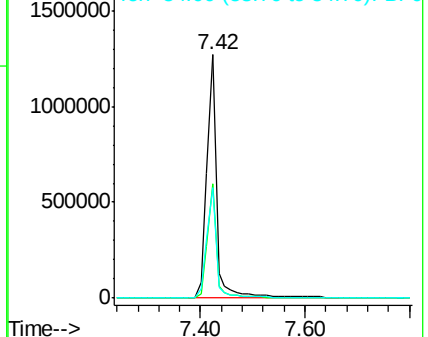
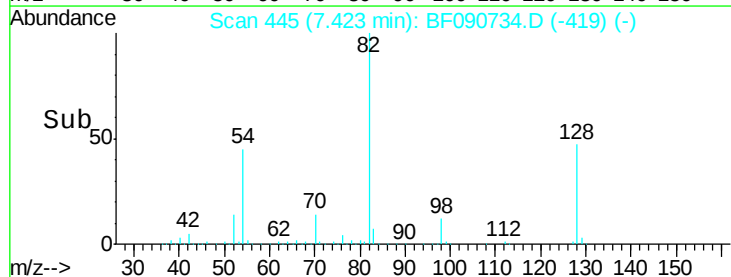
54 45.3 47.5 71.3#

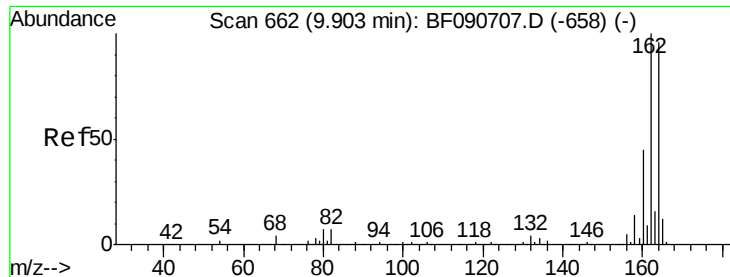


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

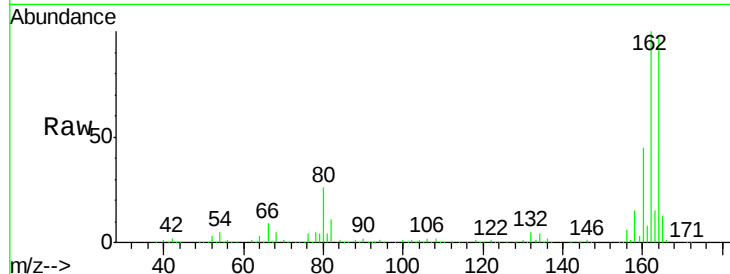




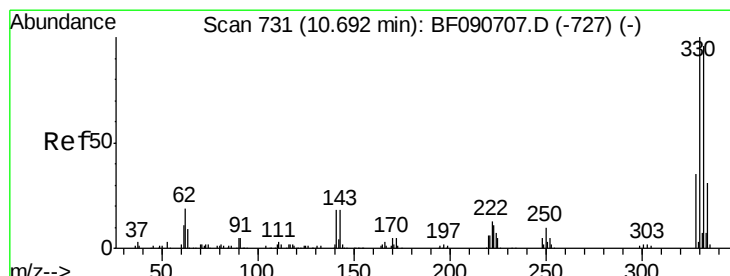
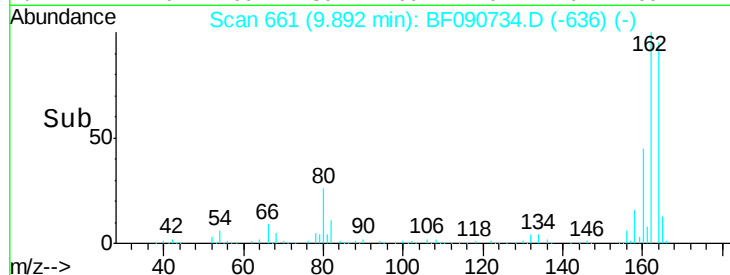
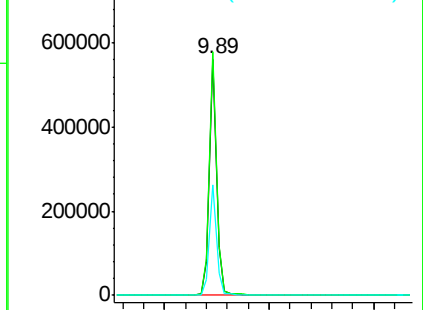
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090734.D
 Acq: 22 Oct 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-101D

Tgt Ion:164 Resp: 545620
 Ion Ratio Lower Upper
 164 100
 162 103.2 75.2 112.8
 160 46.8 31.5 47.3

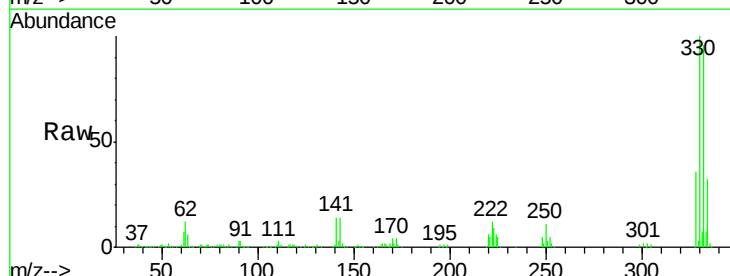


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

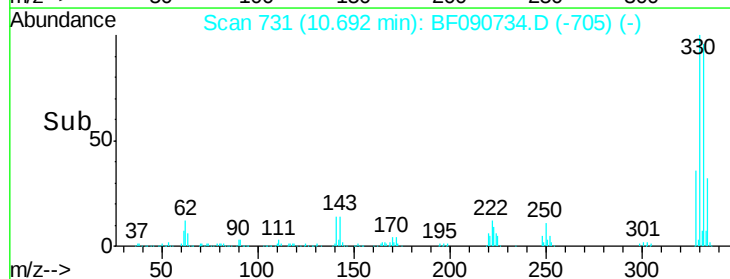
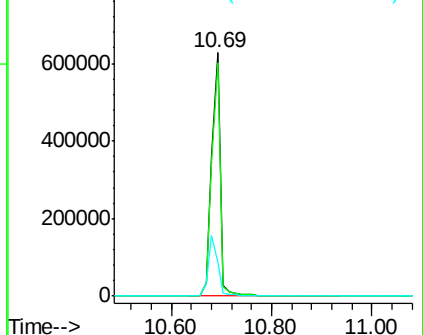


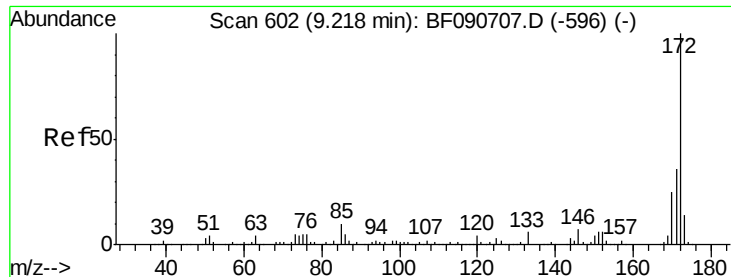
#41
 2,4,6-Tribromophenol
 Concen: 174.83 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090734.D
 Acq: 22 Oct 2016 2:21

Tgt Ion:330 Resp: 755031
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 28.0 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

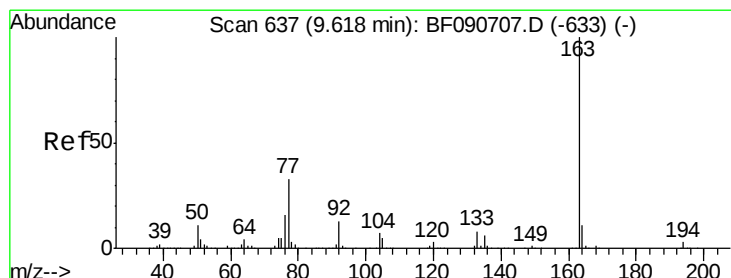
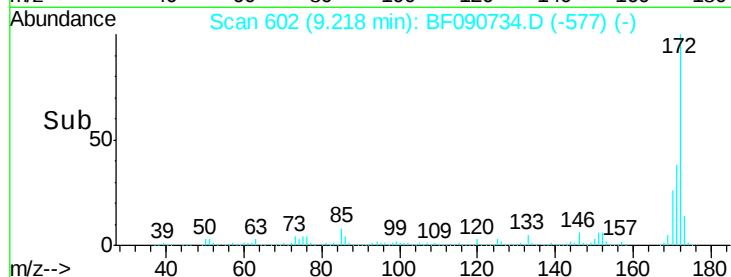
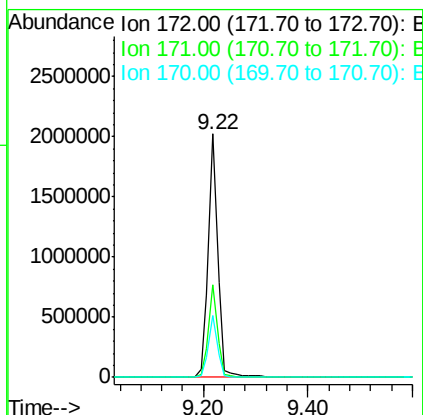
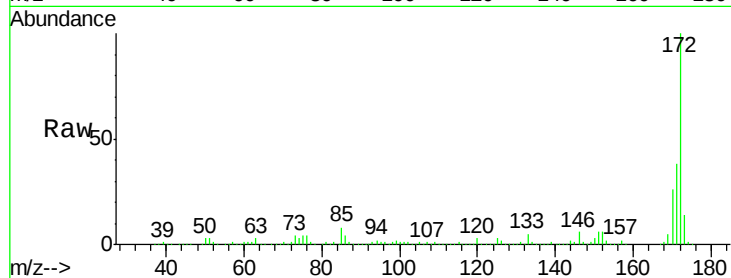




#44
 2-Fluorobiphenyl
 Concen: 74.17 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090734.D
 Acq: 22 Oct 2016 2:21

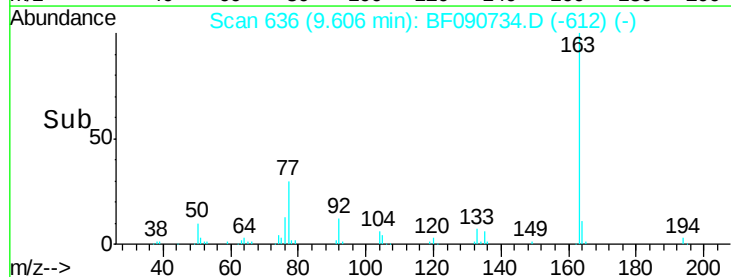
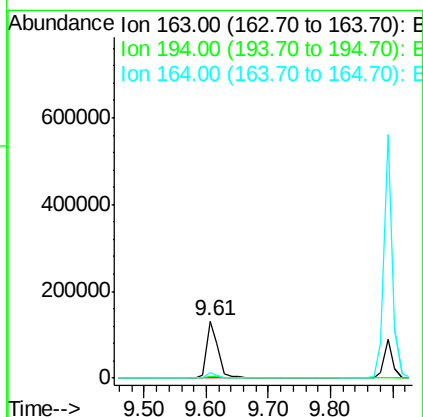
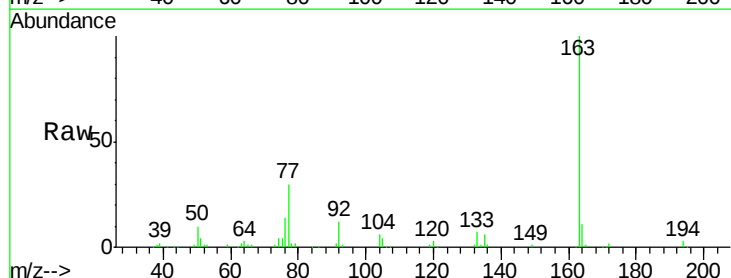
Instrument :
 BNA_F
 ClientSampled :
 MW-101D

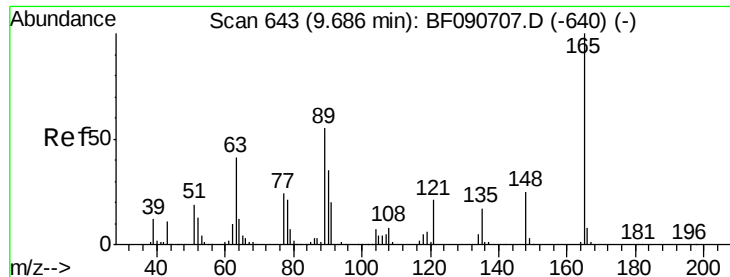
Tgt Ion:172 Resp: 2606986
 Ion Ratio Lower Upper
 172 100
 171 38.1 26.1 39.1
 170 25.5 17.4 26.2



#49
 Dimethylphthalate
 Concen: 4.98 ng
 RT: 9.61 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF090734.D
 Acq: 22 Oct 2016 2:21

Tgt Ion:163 Resp: 170600
 Ion Ratio Lower Upper
 163 100
 194 2.7 4.4 6.6#
 164 10.6 8.3 12.5

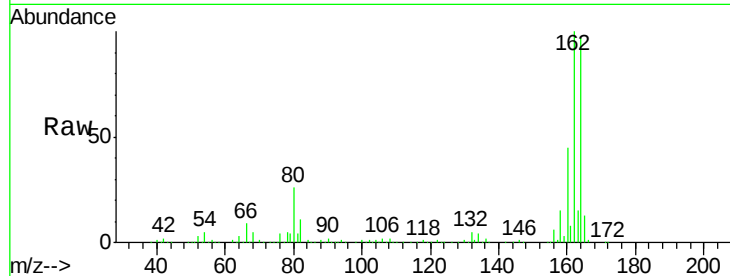




#50
2,6-Dinitrotoluene
Concen: 9.58 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.21 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Instrument :
BNA_F
ClientSampleId :
MW-101D

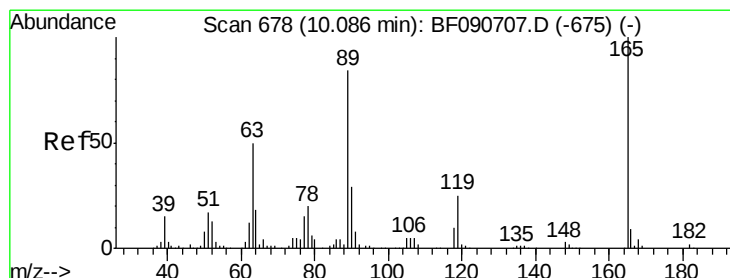
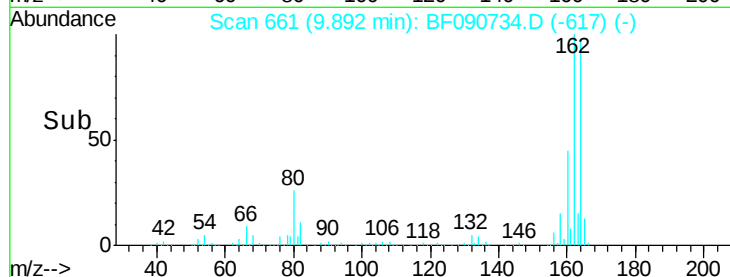
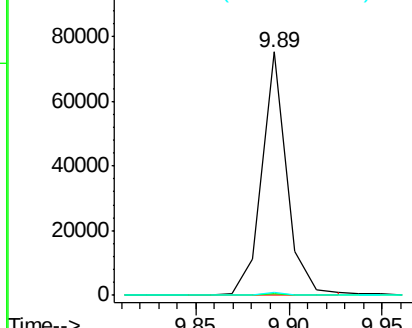
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.3	48.5#
89	1.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

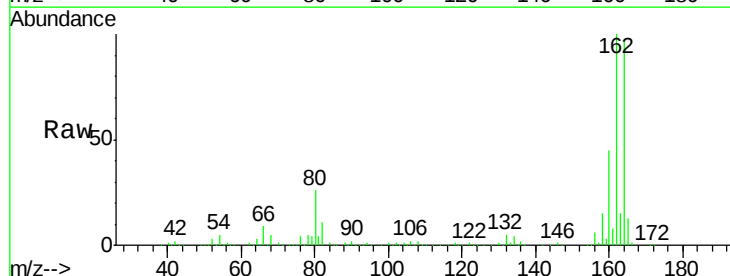
Ion 63.00 (62.70 to 63.70): BF0

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: BF090734.D
Acq: 22 Oct 2016 2:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#

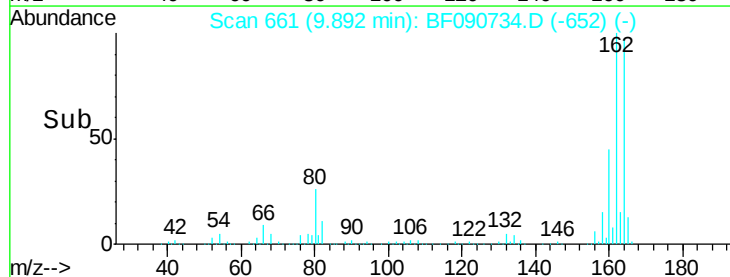
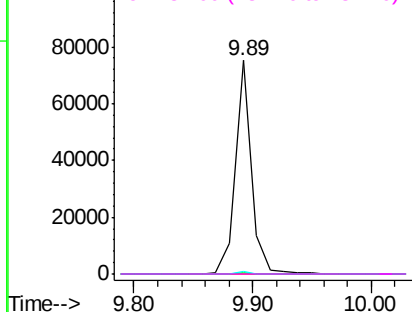


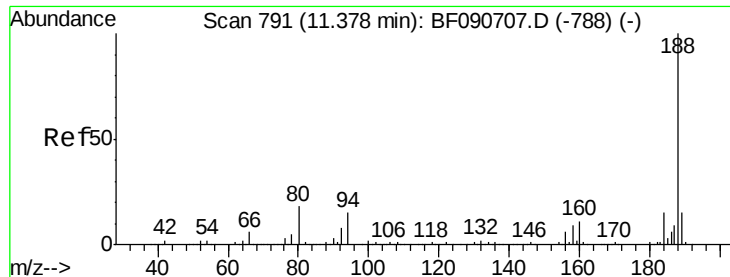
Abundance Ion 165.00 (164.70 to 165.70): E

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

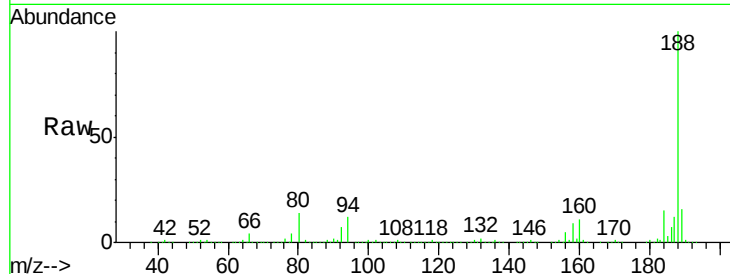




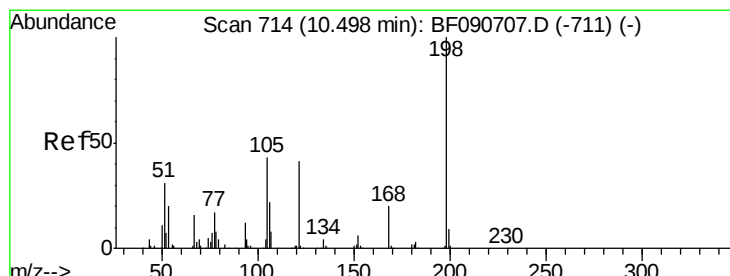
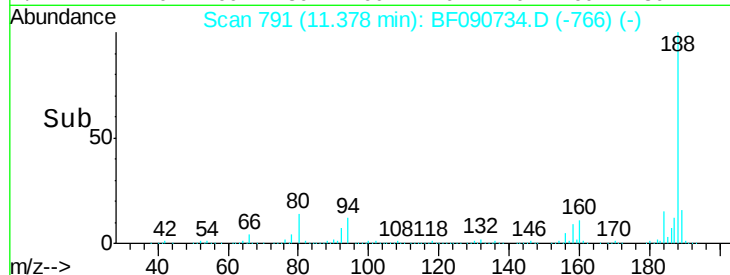
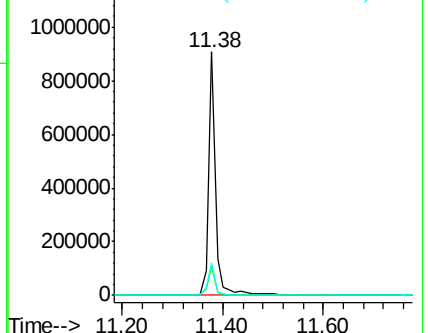
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090734.D
 Acq: 22 Oct 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-101D

Tgt Ion:188 Resp: 874740
 Ion Ratio Lower Upper
 188 100
 94 12.0 11.1 16.7
 80 13.6 11.0 16.4

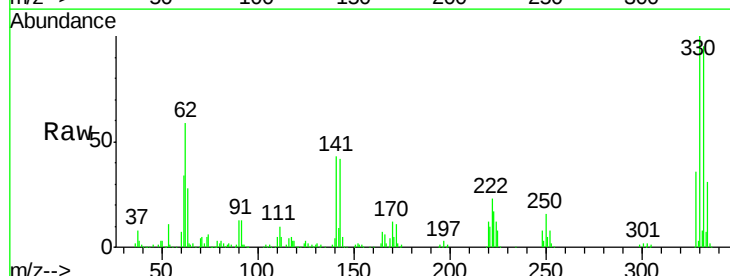


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

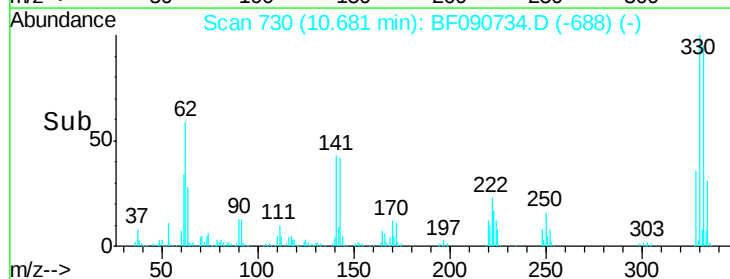
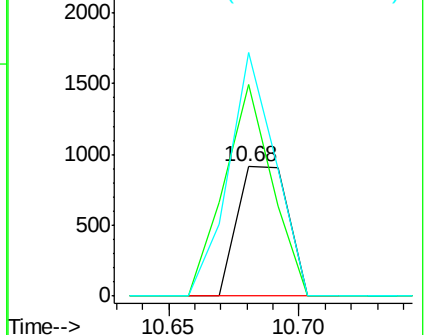


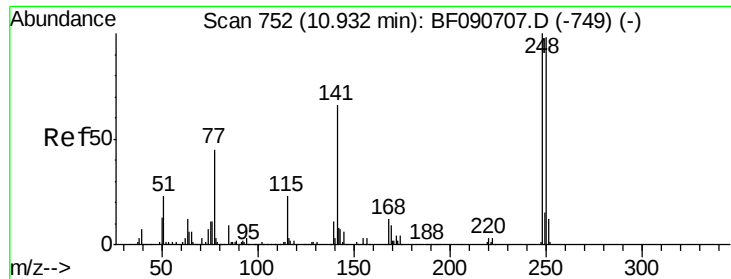
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.38 ng
 RT: 10.68 min Scan# 730
 Delta R.T. 0.18 min
 Lab File: BF090734.D
 Acq: 22 Oct 2016 2:21

Tgt Ion:198 Resp: 1246
 Ion Ratio Lower Upper
 198 100
 51 163.9 39.6 79.6#
 105 188.3 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

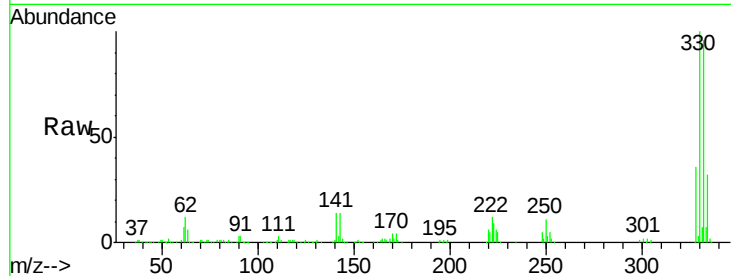




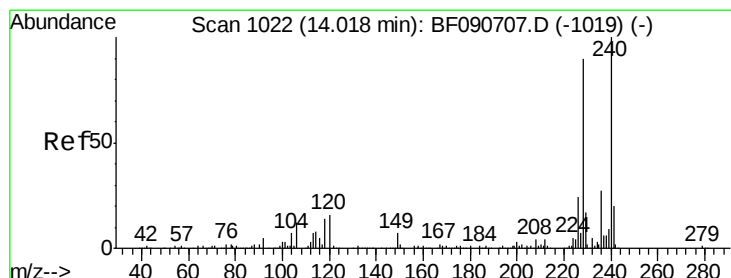
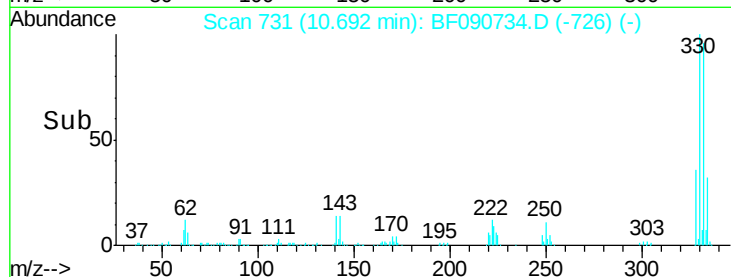
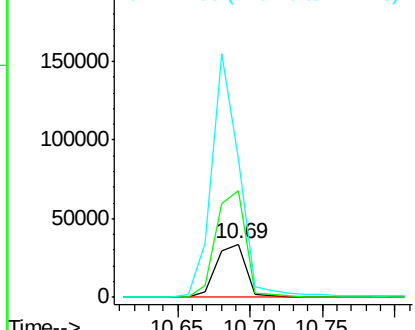
#66
4-Bromophenyl-phenylether
Concen: 5.71 ng
RT: 10.69 min Scan# 731
Delta R.T. -0.24 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:248 Resp: 48450
Ion Ratio Lower Upper
248 100
250 200.2 78.5 117.7#
141 259.8 59.0 88.6#

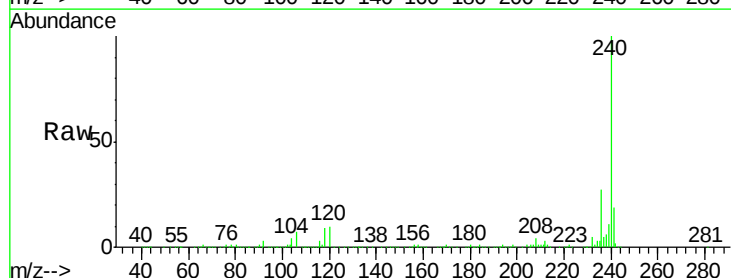


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

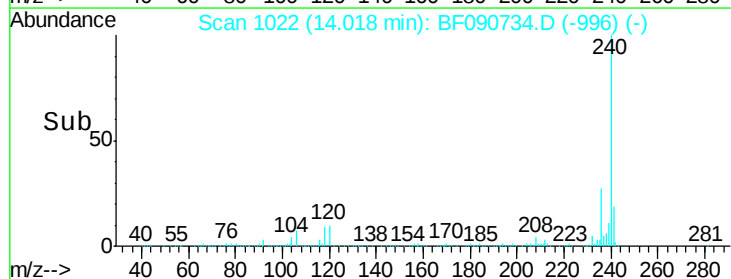
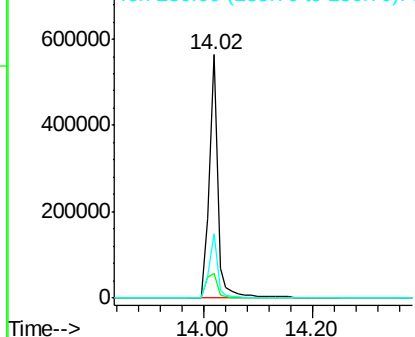


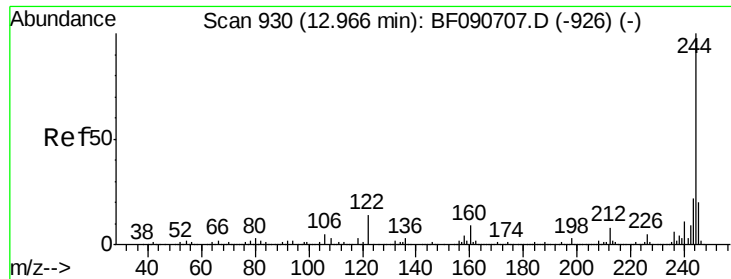
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Tgt Ion:240 Resp: 632943
Ion Ratio Lower Upper
240 100
120 10.2 16.2 24.2#
236 26.5 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

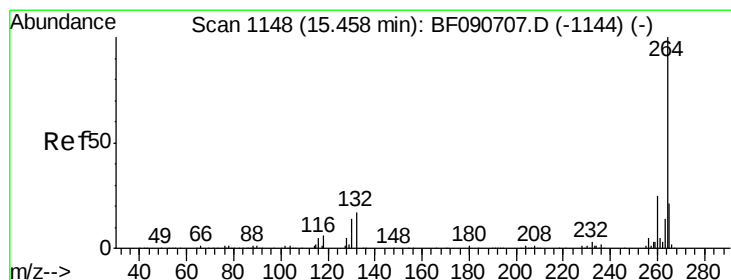
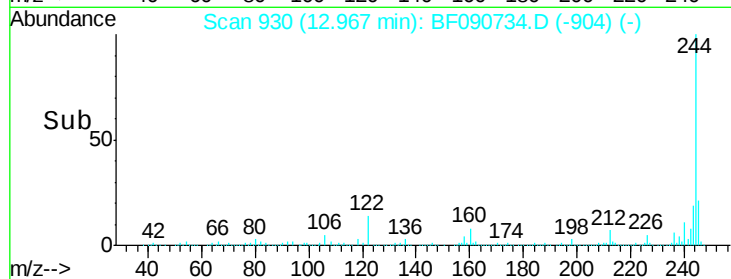
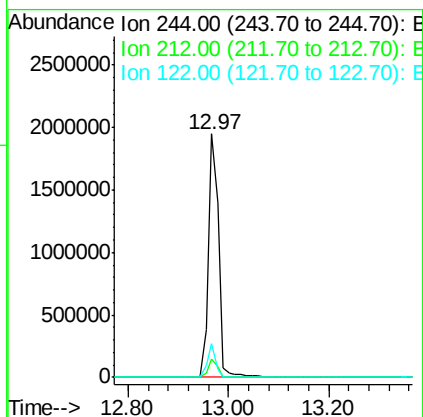
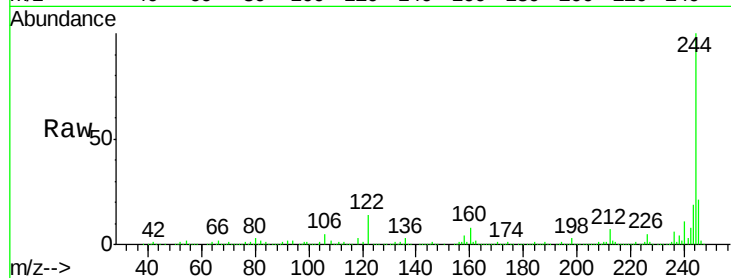




#78
 Terphenyl-d14
 Concen: 99.19 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090734.D
 Acq: 22 Oct 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-101D

Tgt Ion:244 Resp: 2739216
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 13.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090734.D
 Acq: 22 Oct 2016 2:21

Tgt Ion:264 Resp: 420598
 Ion Ratio Lower Upper
 264 100
 260 25.2 16.7 25.1#
 265 21.9 17.2 25.8

