

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090739.D
 Acq On : 22 Oct 2016 4:39
 Operator : UM/SJ
 Sample : H5308-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105I

Quant Time: Oct 22 05:08:12 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

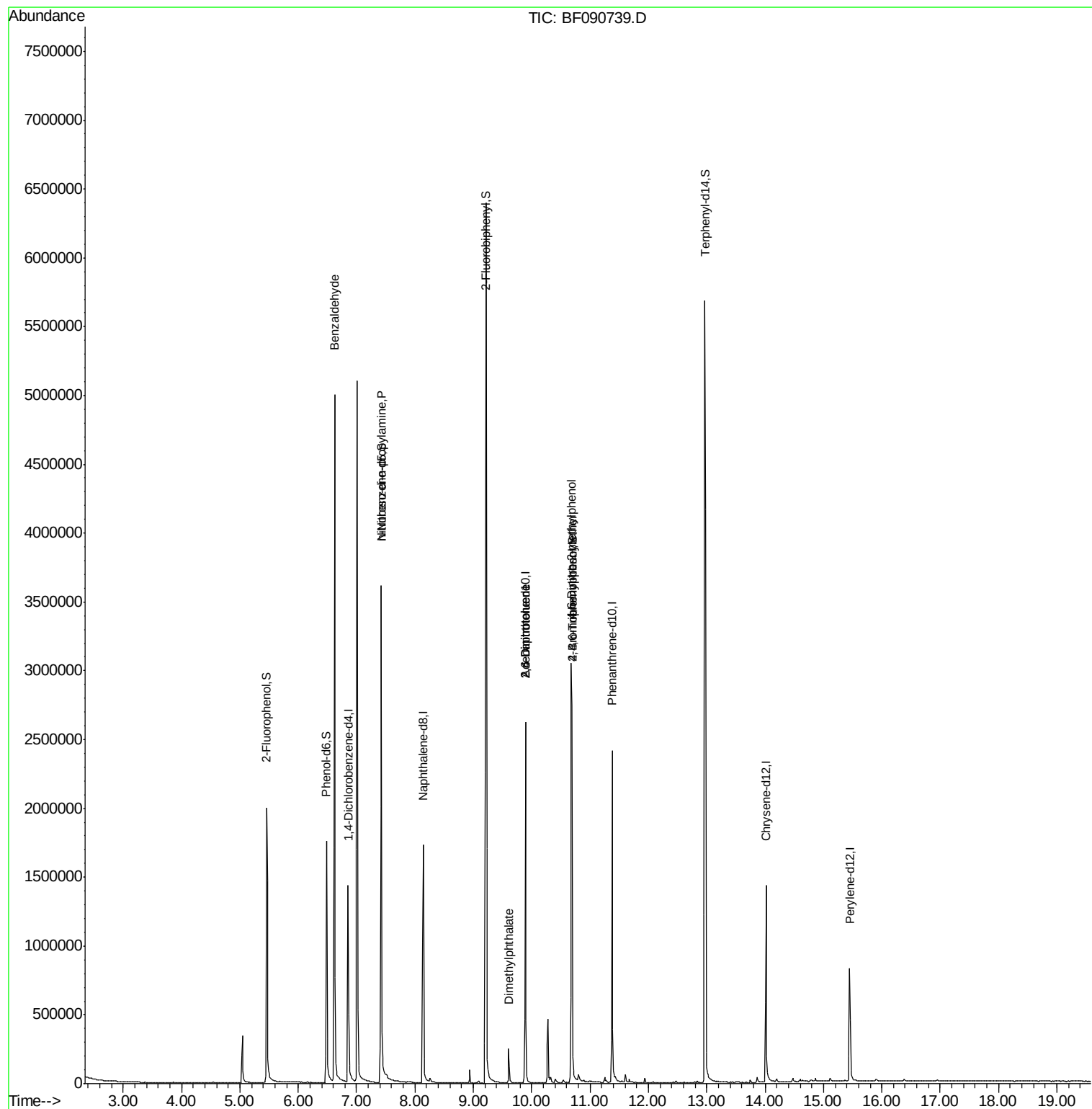
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	257302	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1091930	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	568193	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	898468	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	587947	20.00	ng	0.00
86) Perylene-d12	15.45	264	391943	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	806221	50.53	ng	0.00
7) Phenol-d6	6.49	99	661460	30.61	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1756733	88.24	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	665736	148.03	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2565226	70.09	ng	-0.01
78) Terphenyl-d14	12.97	244	2720058	106.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	35118	2.97	ng	# 60
19) n-Nitroso-di-n-propylamine	7.42	70	234899	14.60	ng	# 52
49) Dimethylphthalate	9.61	163	127700	3.58	ng	# 96
50) 2,6-Dinitrotoluene	9.89	165	72221	9.41	ng	# 39
56) 2,4-Dinitrotoluene	9.89	165	72781	7.76	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1136	4.36	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	41823	4.80	ng	# 1

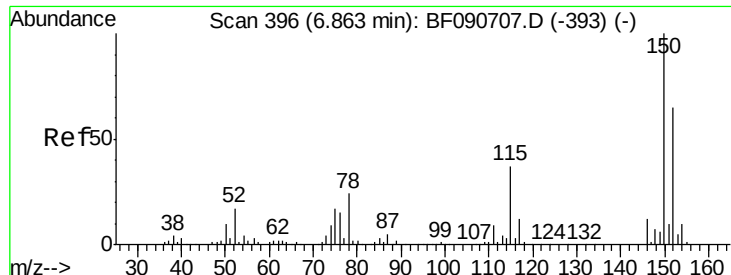
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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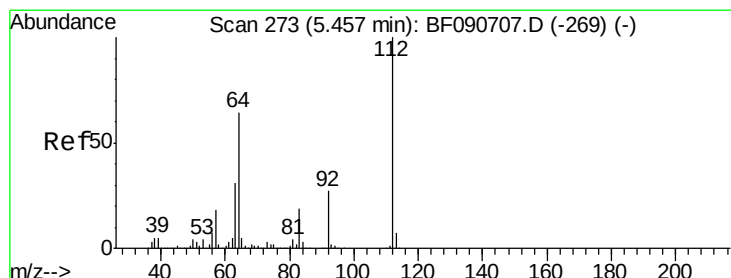
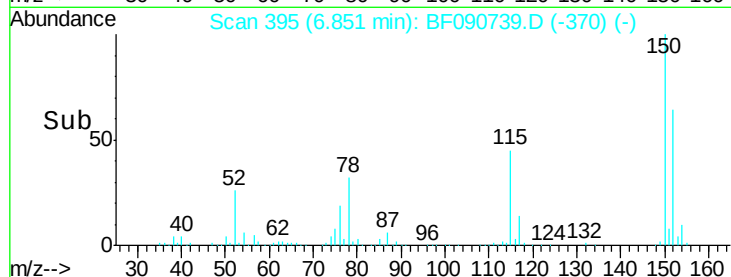
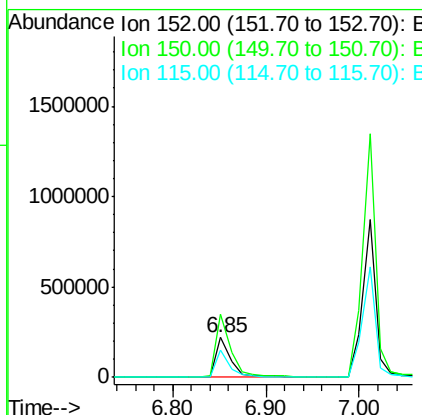
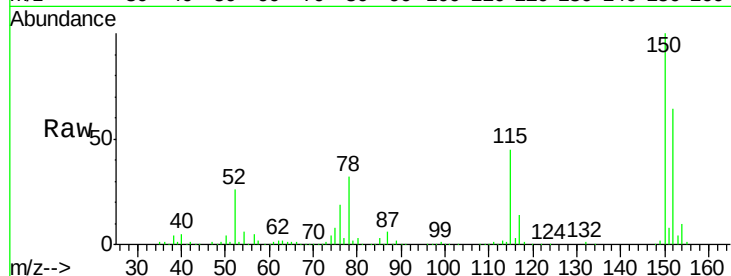




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BF090739.D
 Acq: 22 Oct 2016 4:39

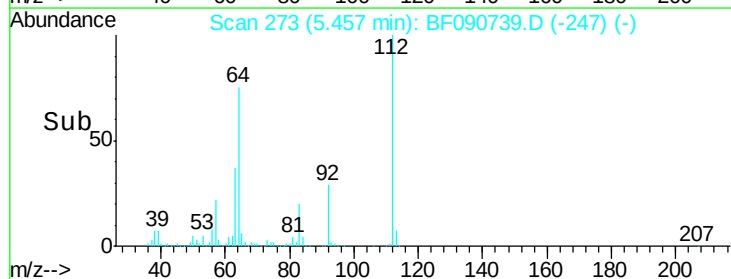
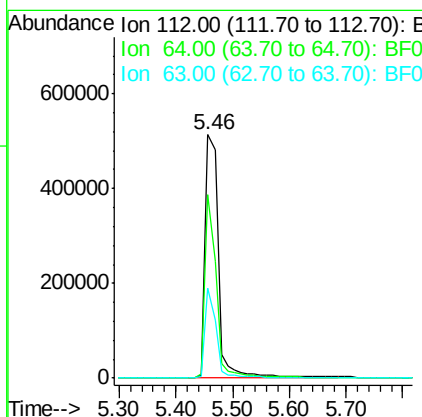
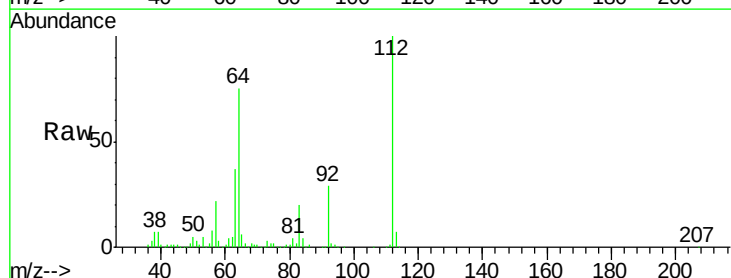
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 MW-105I

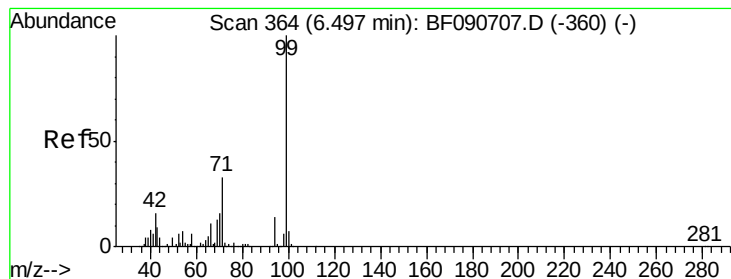
Tgt Ion:152 Resp: 257302
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.7 187.1
 115 69.9 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 50.53 ng
 RT: 5.46 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: BF090739.D
 Acq: 22 Oct 2016 4:39

Tgt Ion:112 Resp: 806221
 Ion Ratio Lower Upper
 112 100
 64 75.4 39.7 59.5#
 63 36.7 17.4 26.0#





#7

Phenol-d6

Concen: 30.61 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090739.D

Acq: 22 Oct 2016 4:39

Instrument :

BNA_F

ClientSampleId :

MW-105I

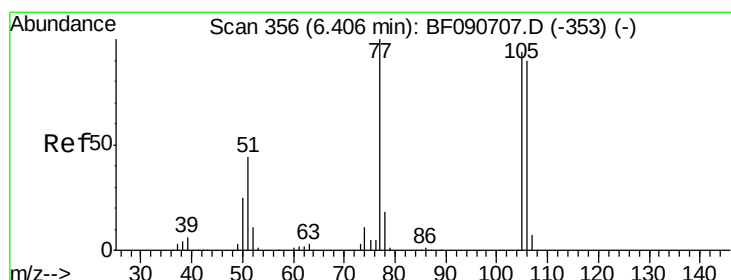
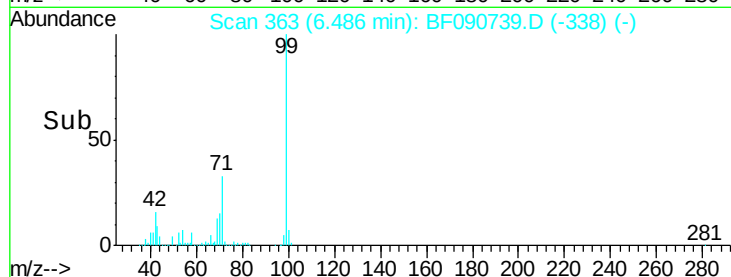
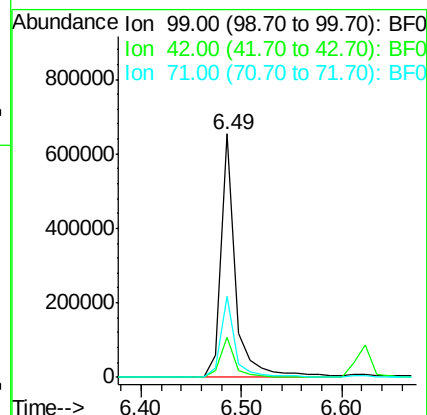
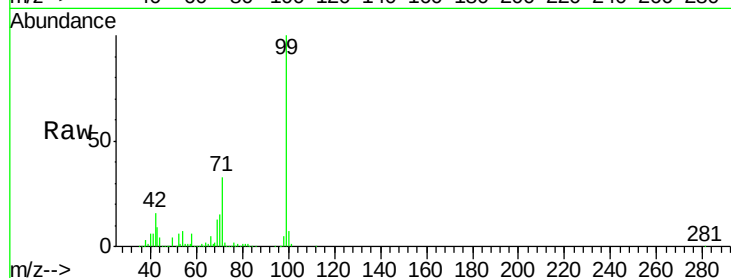
Tgt Ion: 99 Resp: 661460

Ion Ratio Lower Upper

99 100

42 16.3 13.7 20.5

71 33.5 14.2 21.2#



#9

Benzaldehyde

Concen: 2.97 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.22 min

Lab File: BF090739.D

Acq: 22 Oct 2016 4:39

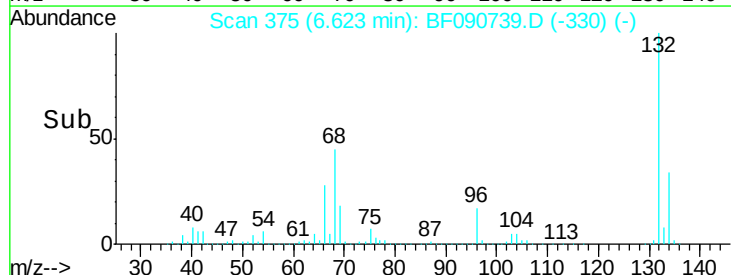
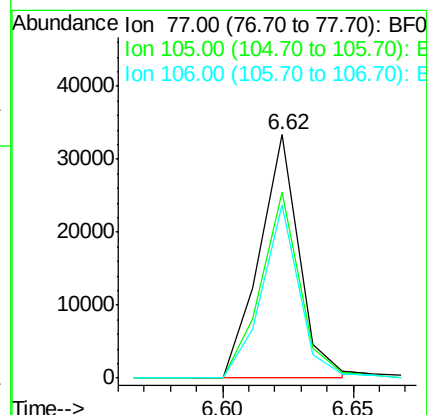
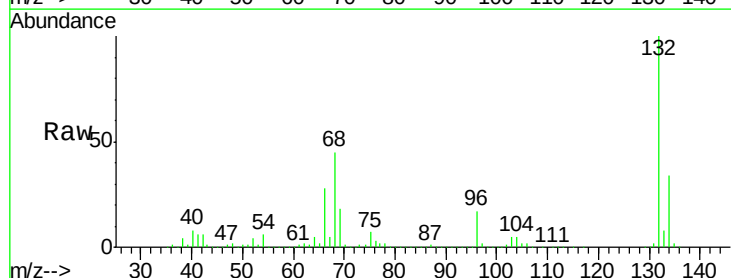
Tgt Ion: 77 Resp: 35118

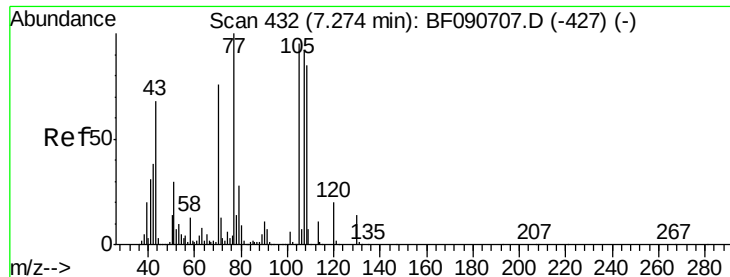
Ion Ratio Lower Upper

77 100

105 76.4 91.6 131.6#

106 71.0 102.6 142.6#

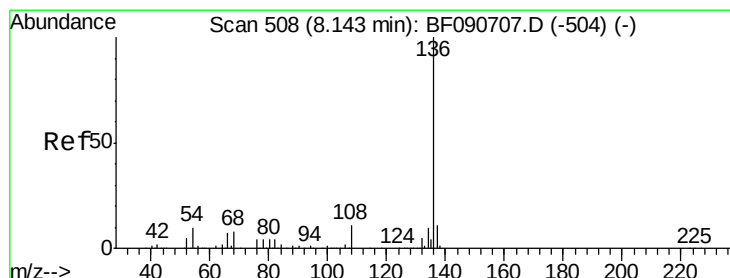
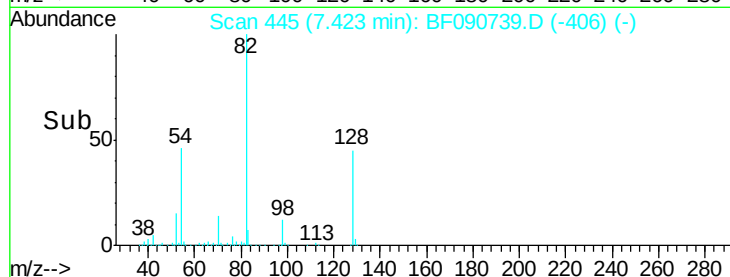
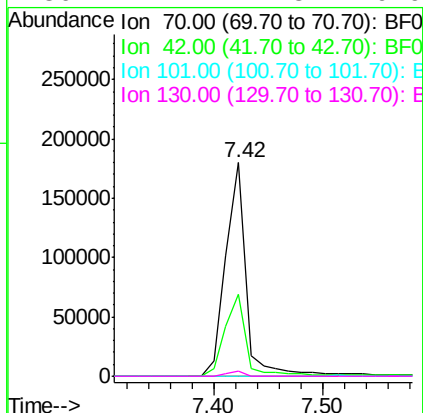
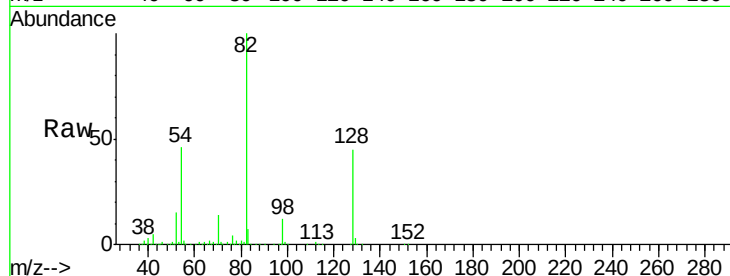




#19
n-Nitroso-di-n-propylamine
Concen: 14.60 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090739.D
Acq: 22 Oct 2016 4:39

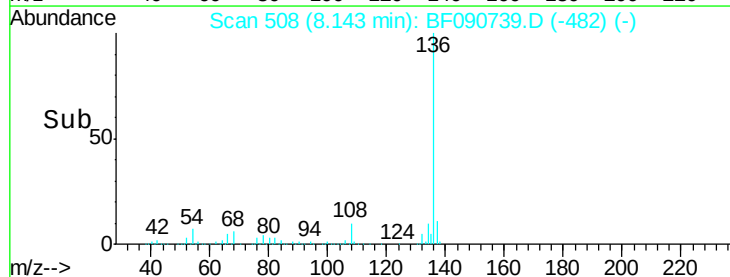
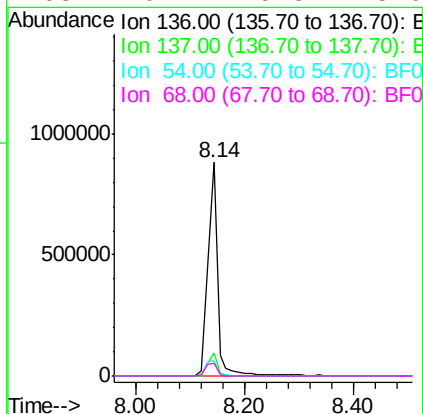
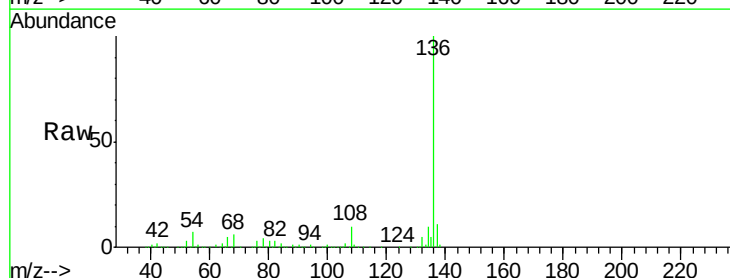
Instrument :
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ClientSampleId :
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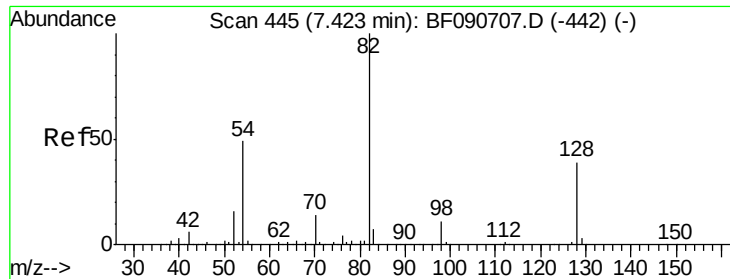
Tgt Ion: 70 Resp: 234899
Ion Ratio Lower Upper
70 100
42 38.5 63.8 95.6#
101 0.0 9.2 13.8#
130 2.2 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090739.D
Acq: 22 Oct 2016 4:39

Tgt Ion: 136 Resp: 1091930
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.0 8.2 12.2#
68 6.2 5.8 8.6

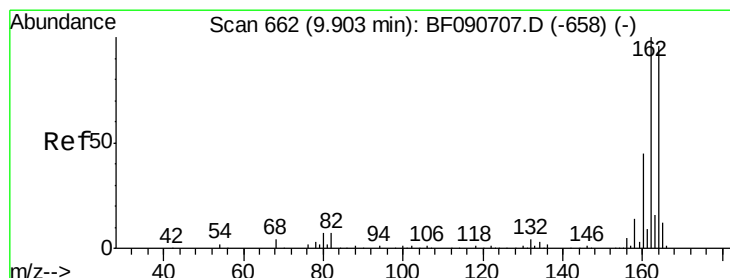
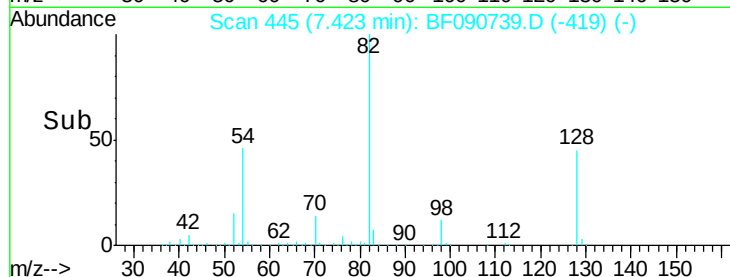
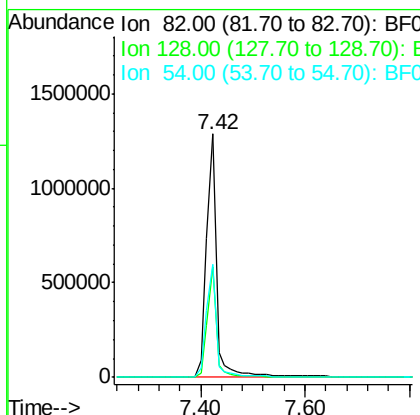
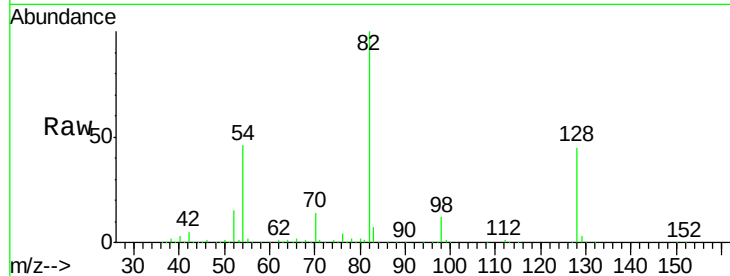




#23
 Nitrobenzene-d5
 Concen: 88.24 ng
 RT: 7.42 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF090739.D
 Acq: 22 Oct 2016 4:39

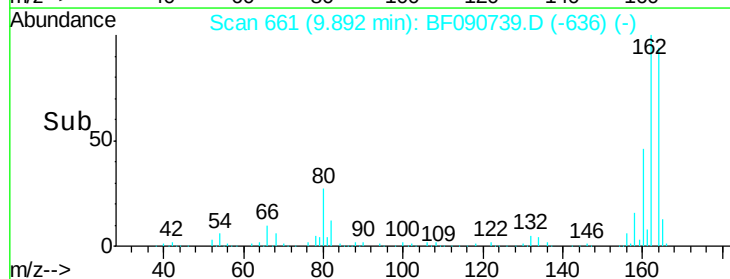
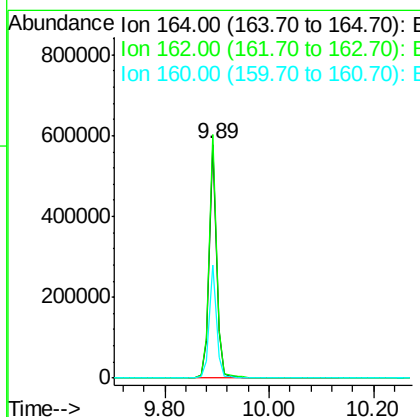
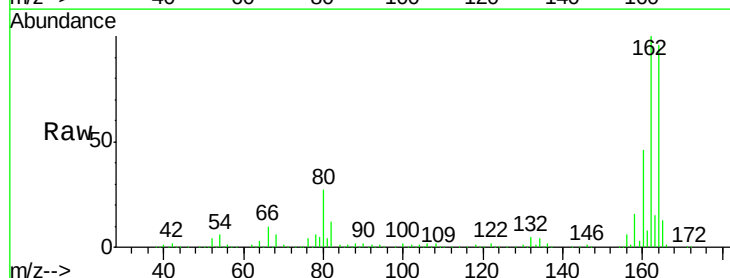
Instrument :
 BNA_F
 ClientSampleId :
 MW-105I

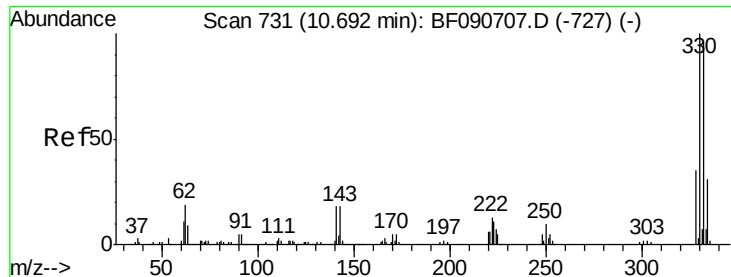
Tgt Ion: 82 Resp: 1756733
 Ion Ratio Lower Upper
 82 100
 128 45.4 51.0 76.6#
 54 46.5 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090739.D
 Acq: 22 Oct 2016 4:39

Tgt Ion: 164 Resp: 568193
 Ion Ratio Lower Upper
 164 100
 162 104.2 75.2 112.8
 160 48.1 31.5 47.3#

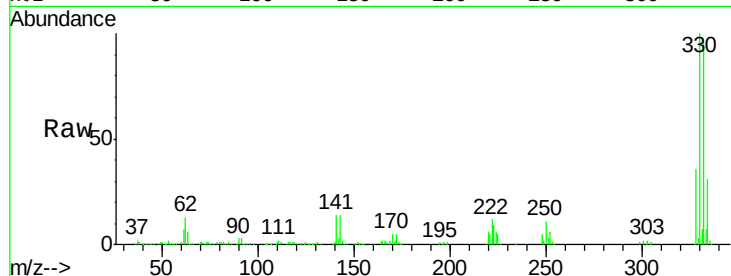




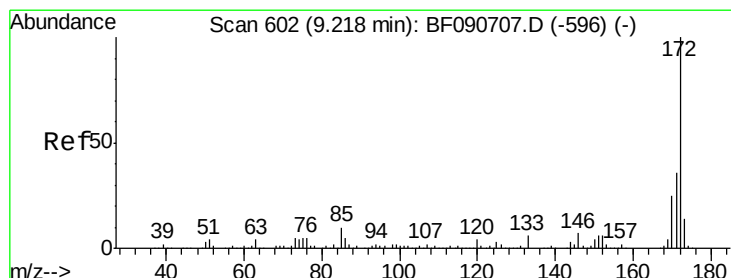
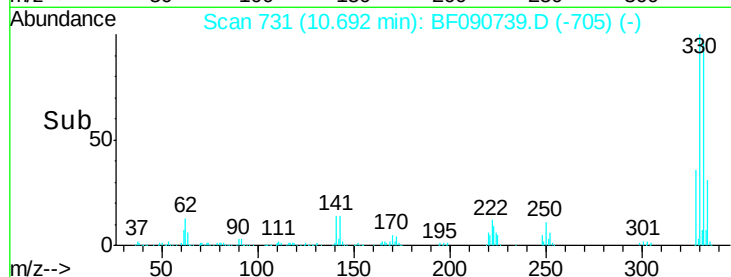
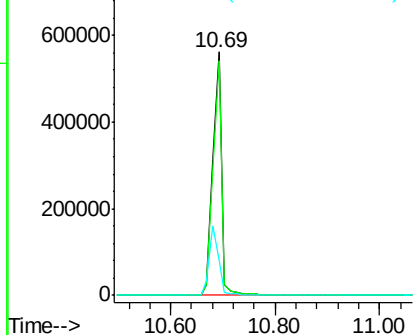
#41
 2,4,6-Tribromophenol
 Concen: 148.03 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090739.D
 Acq: 22 Oct 2016 4:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-105I

Tgt Ion:330 Resp: 665736
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 31.2 29.7 44.5

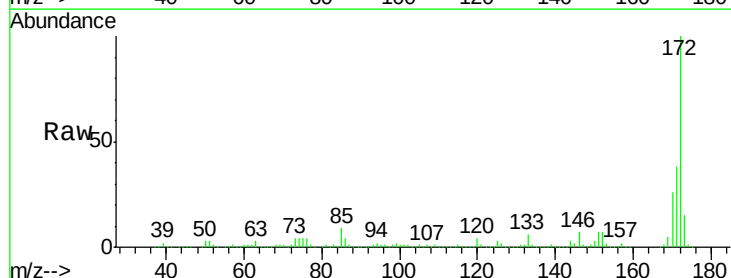


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

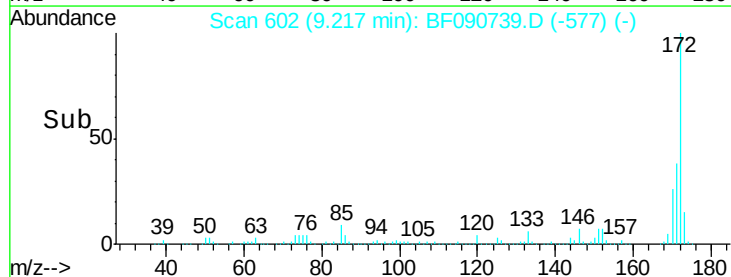
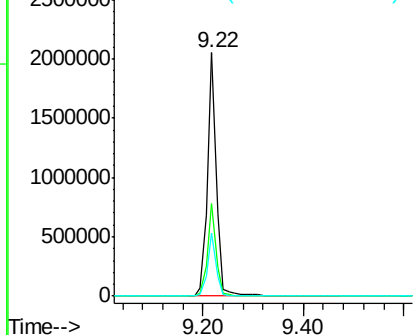


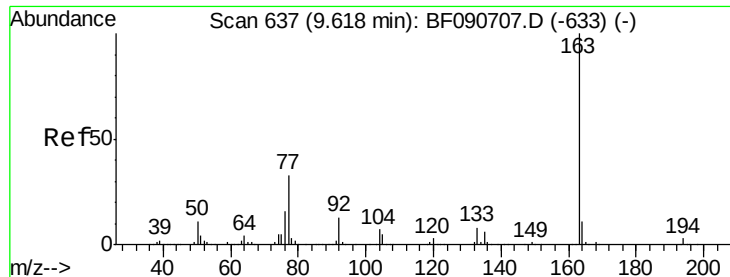
#44
 2-Fluorobiphenyl
 Concen: 70.09 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090739.D
 Acq: 22 Oct 2016 4:39

Tgt Ion:172 Resp: 2565226
 Ion Ratio Lower Upper
 172 100
 171 37.8 26.1 39.1
 170 26.0 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

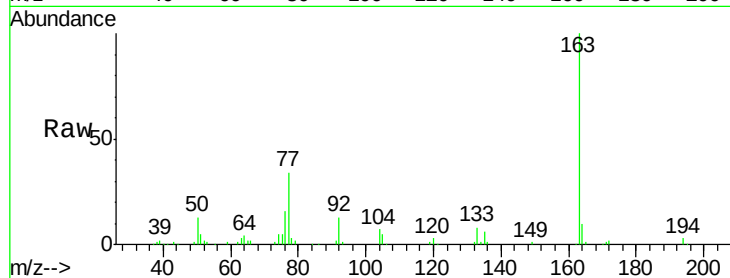




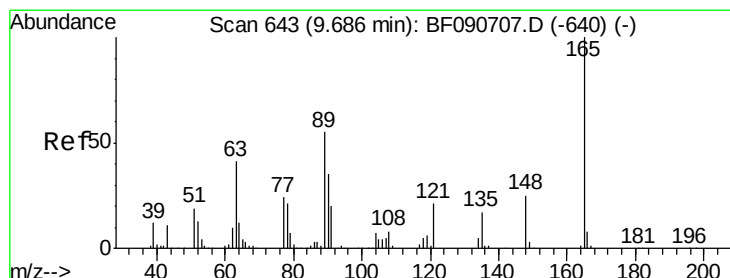
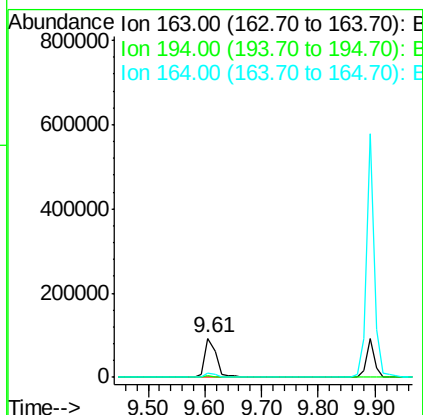
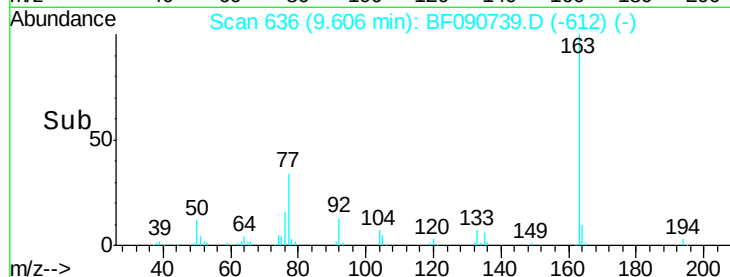
#49
Dimethylphthalate
Concen: 3.58 ng
RT: 9.61 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF090739.D
Acq: 22 Oct 2016 4:39

Instrument :
BNA_F
ClientSampleId :
MW-105I

Tgt Ion:163 Resp: 127700
Ion Ratio Lower Upper
163 100
194 2.8 4.4 6.6#
164 9.9 8.3 12.5

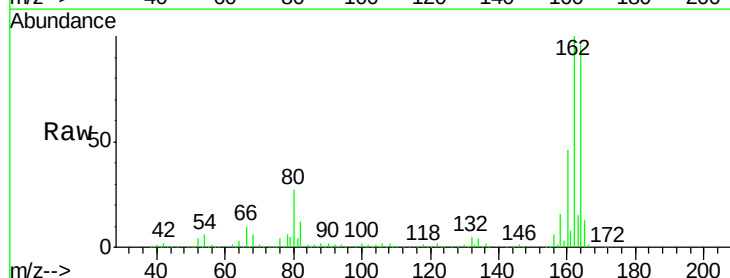


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

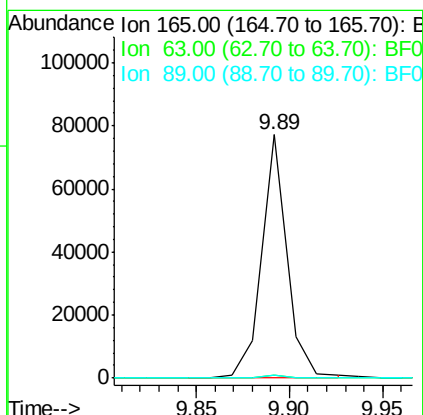
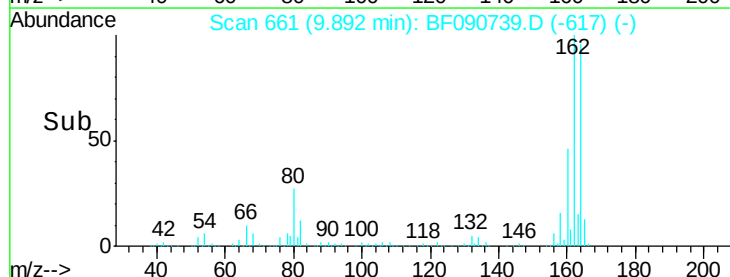


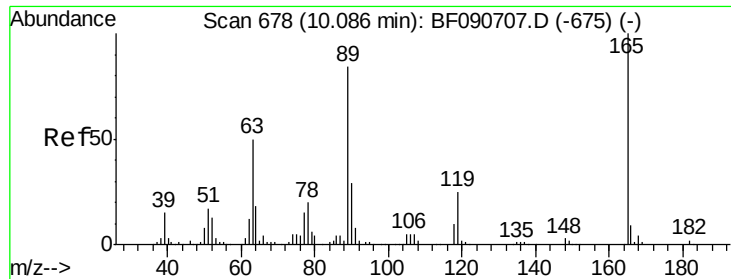
#50
2,6-Dinitrotoluene
Concen: 9.41 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.21 min
Lab File: BF090739.D
Acq: 22 Oct 2016 4:39

Tgt Ion:165 Resp: 72221
Ion Ratio Lower Upper
165 100
63 1.1 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

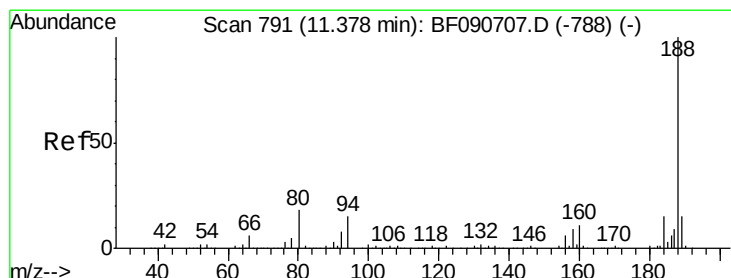
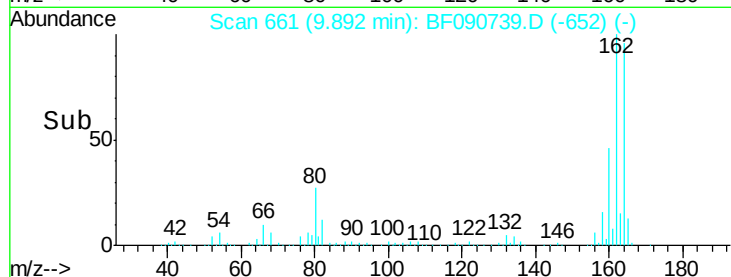
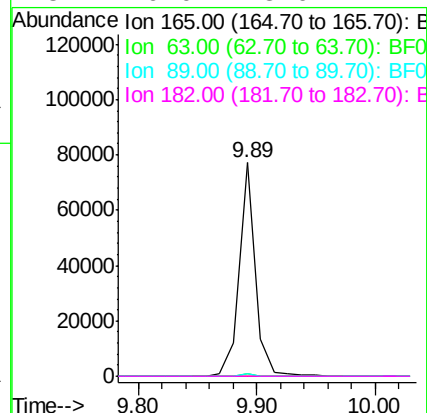
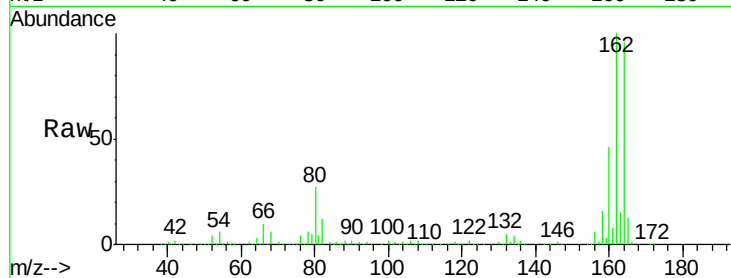




#56
 2,4-Dinitrotoluene
 Concen: 7.76 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090739.D
 Acq: 22 Oct 2016 4:39

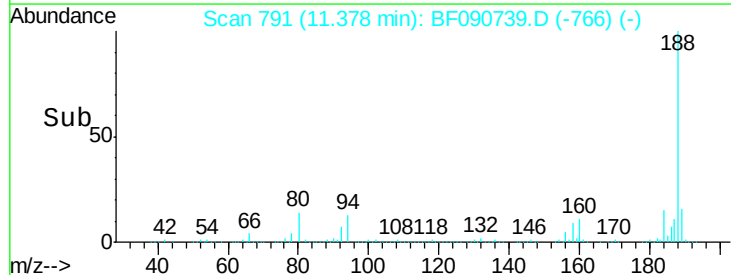
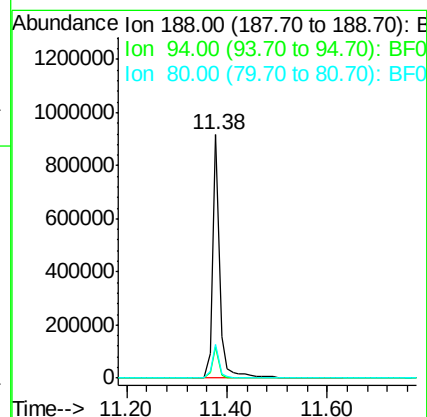
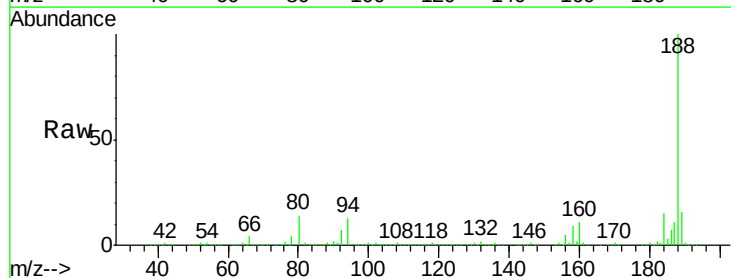
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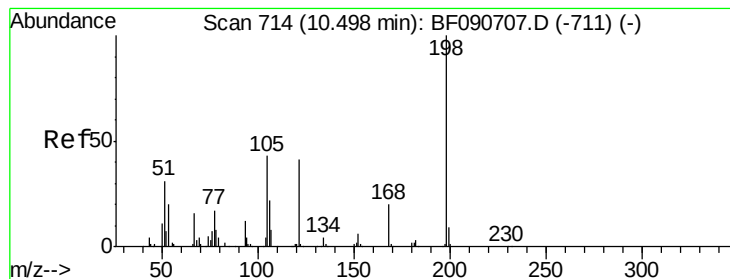
Tgt Ion:	165	Resp:	72781
Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090739.D
 Acq: 22 Oct 2016 4:39

Tgt Ion:	188	Resp:	898468
Ion	Ratio	Lower	Upper
188	100		
94	12.6	11.1	16.7
80	14.0	11.0	16.4





#64

4,6-Dinitro-2-methylphenol

Concen: 4.36 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090739.D

Acq: 22 Oct 2016 4:39

Instrument :

BNA_F

ClientSampleId :

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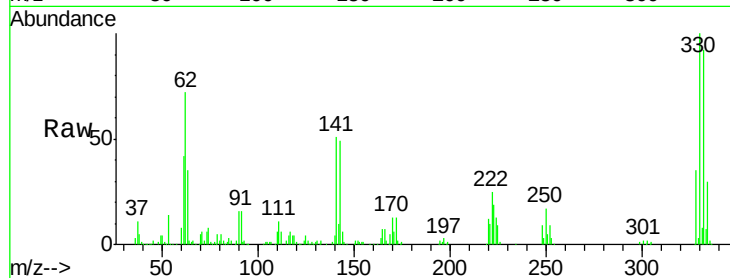
Tgt Ion:198 Resp: 1136

Ion Ratio Lower Upper

198 100

51 162.5 39.6 79.6#

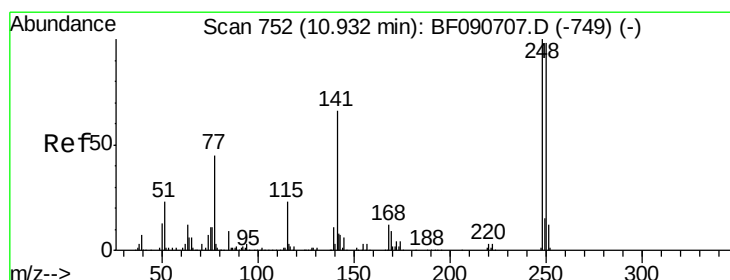
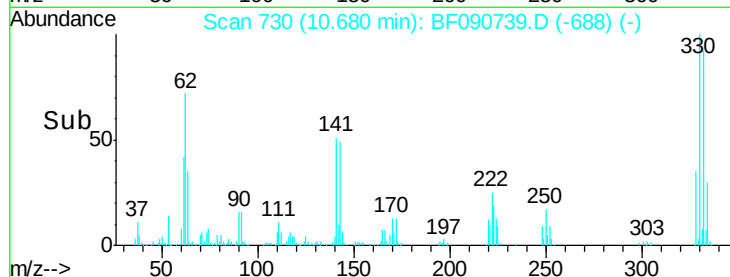
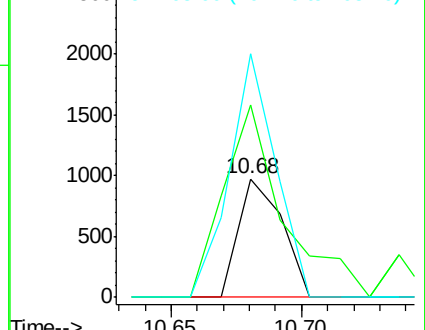
105 205.8 28.5 68.5#



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: 4.80 ng

RT: 10.69 min Scan# 731

Delta R.T. -0.24 min

Lab File: BF090739.D

Acq: 22 Oct 2016 4:39

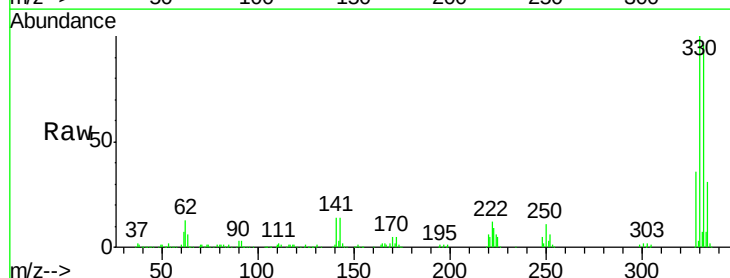
Tgt Ion:248 Resp: 41823

Ion Ratio Lower Upper

248 100

250 213.1 78.5 117.7#

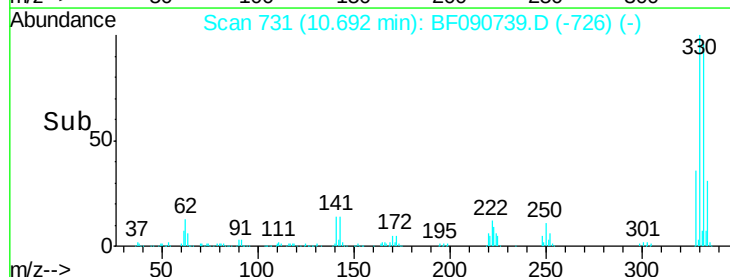
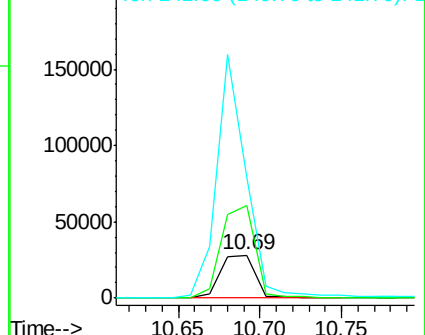
141 280.7 59.0 88.6#

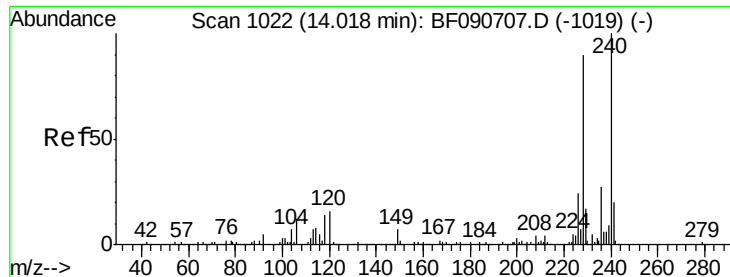


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090739.D

Acq: 22 Oct 2016 4:39

Instrument :

BNA_F

ClientSampleId :

MW-105I

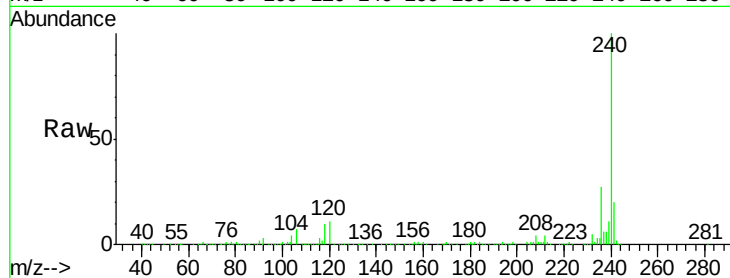
Tgt Ion:240 Resp: 587947

Ion Ratio Lower Upper

240 100

120 11.2 16.2 24.2#

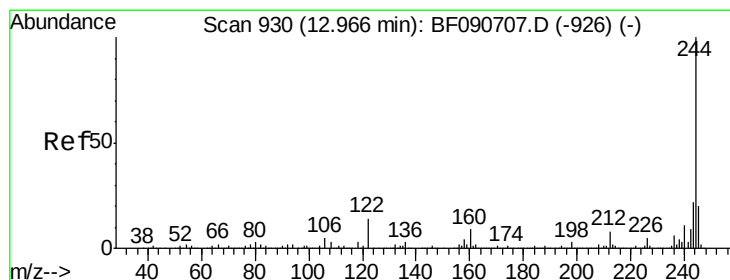
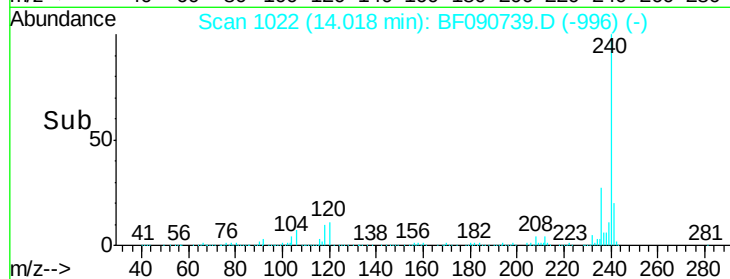
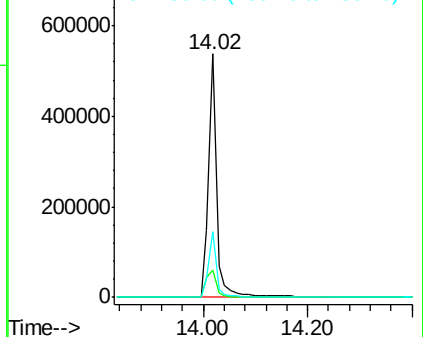
236 27.0 18.4 27.6



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: 106.03 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090739.D

Acq: 22 Oct 2016 4:39

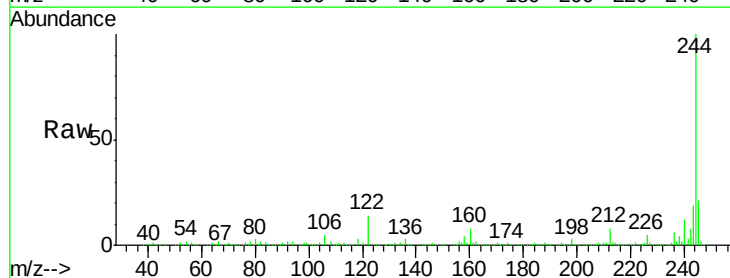
Tgt Ion:244 Resp: 2720058

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

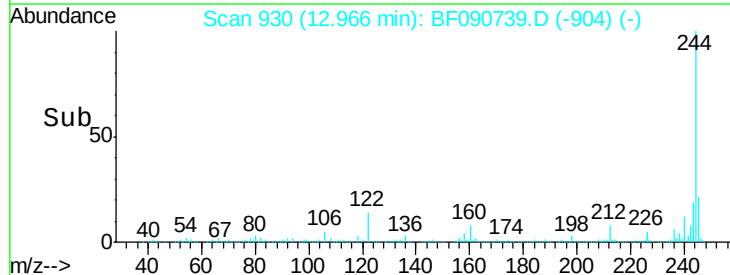
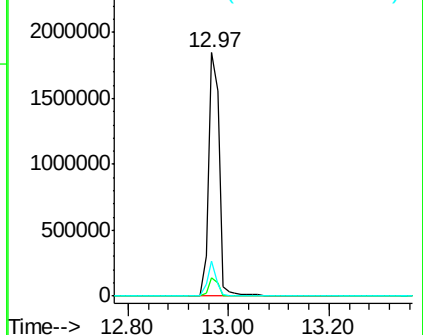
122 14.4 17.4 26.2#

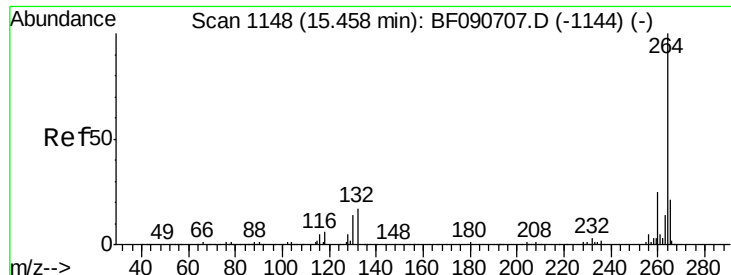


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

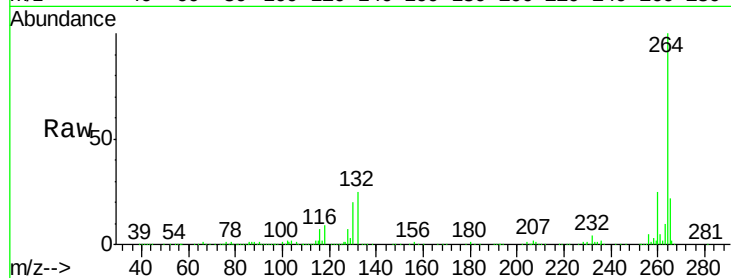




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090739.D
Acq: 22 Oct 2016 4:39

Instrument :
BNA_F
ClientSampleId :
MW-105I

Tgt Ion: 264 Resp: 391943
Ion Ratio Lower Upper
264 100
260 25.0 16.7 25.1
265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

