

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090738.D
 Acq On : 22 Oct 2016 4:12
 Operator : UM/SJ
 Sample : H5308-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-106I

Quant Time: Oct 22 05:07:58 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

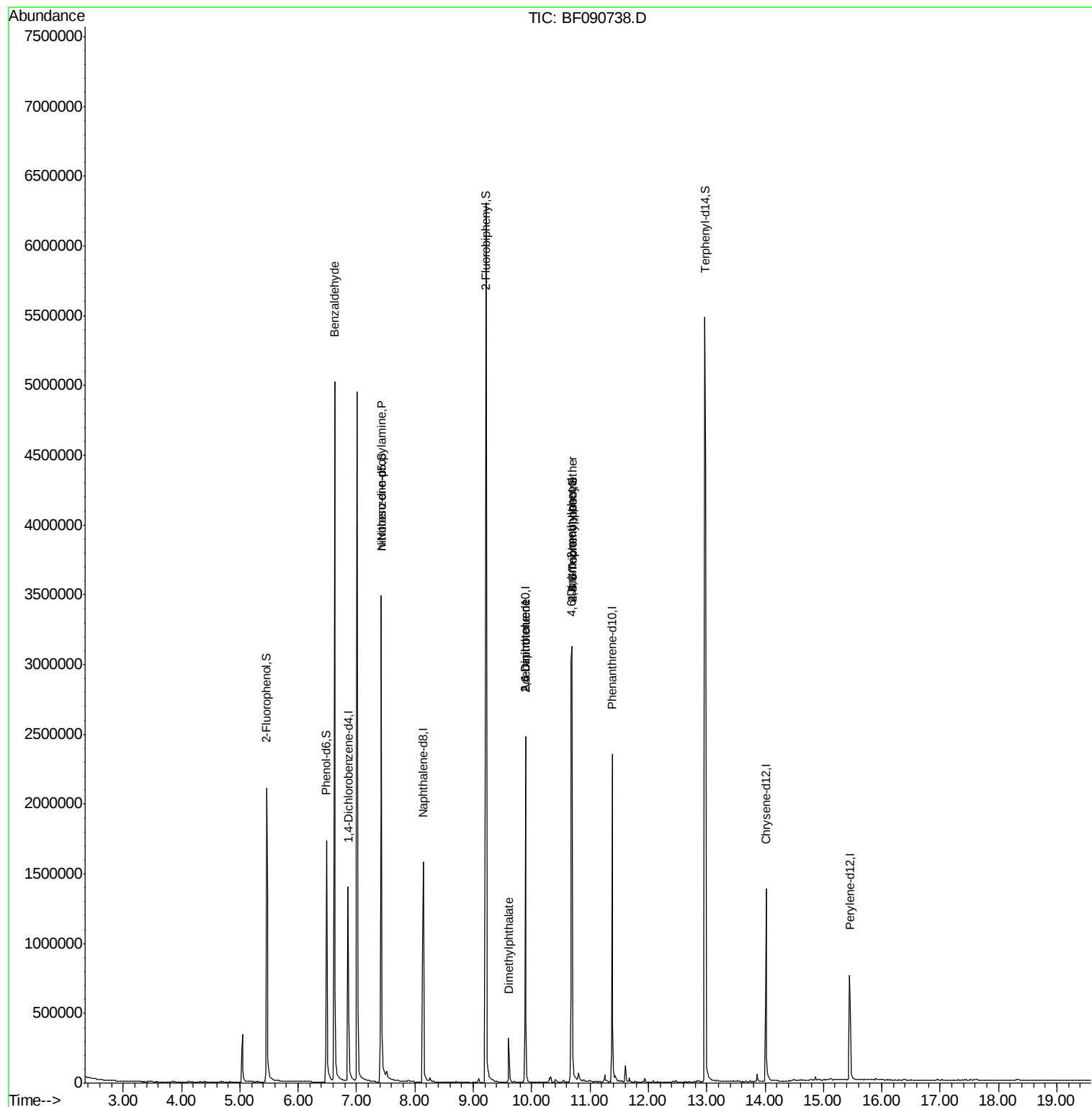
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	241349	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1019224	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	533088	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	860749	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	567346	20.00	ng	0.00
86) Perylene-d12	15.45	264	375001	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	799862	53.45	ng	0.00
7) Phenol-d6	6.49	99	651726	32.15	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1712028	92.13	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	696568	165.09	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2450118	71.35	ng	-0.01
78) Terphenyl-d14	12.97	244	2722595	109.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	34920	3.15	ng	# 61
19) n-Nitroso-di-n-propylamine	7.42	70	233660	15.48	ng	# 52
49) Dimethylphthalate	9.61	163	173250	5.17	ng	# 97
50) 2,6-Dinitrotoluene	9.89	165	68791	9.55	ng	# 39
56) 2,4-Dinitrotoluene	9.89	165	69040	7.84	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1137	4.37	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	46380	5.56	ng	# 1

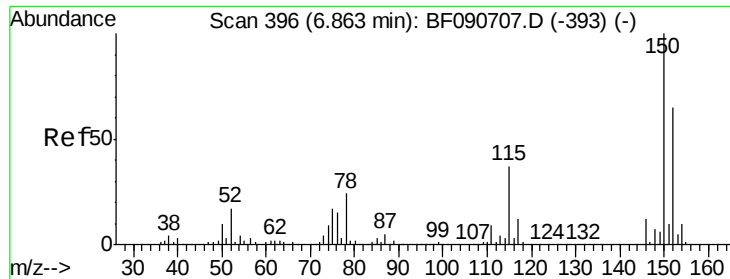
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090738.D

Acq: 22 Oct 2016 4:12

Instrument :

BNA_F

ClientSampleId :

MW-106I

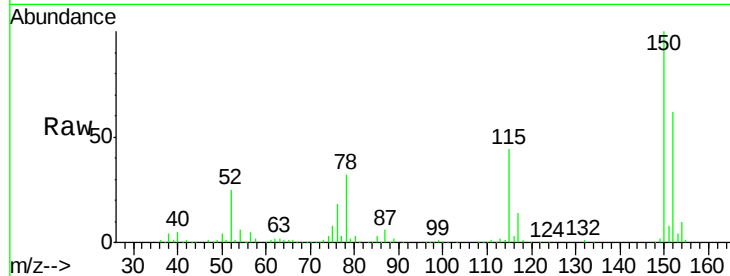
Tgt Ion:152 Resp: 241349

Ion Ratio Lower Upper

152 100

150 160.9 124.7 187.1

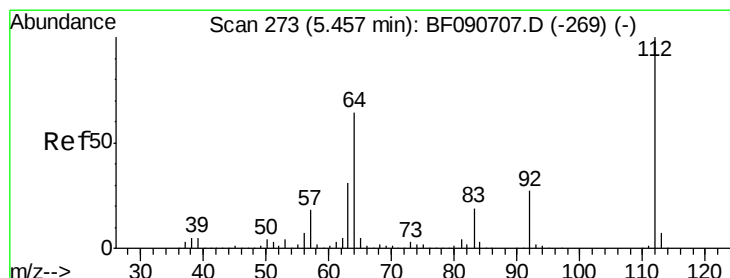
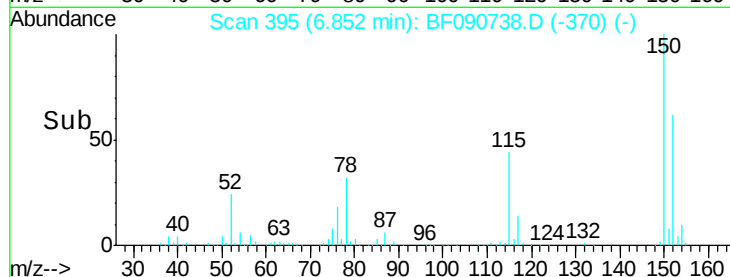
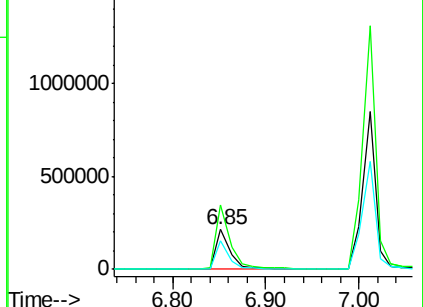
115 70.6 39.0 58.4#



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: 53.45 ng

RT: 5.46 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

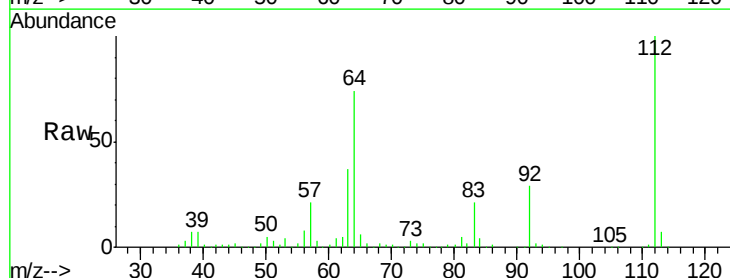
Tgt Ion:112 Resp: 799862

Ion Ratio Lower Upper

112 100

64 74.3 39.7 59.5#

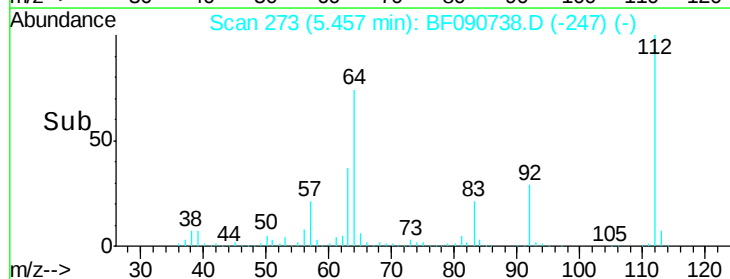
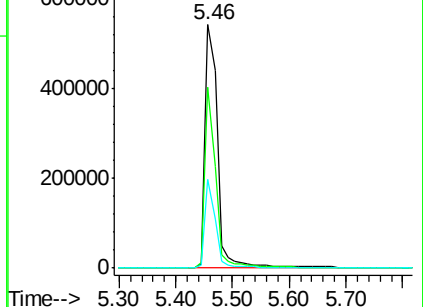
63 36.6 17.4 26.0#

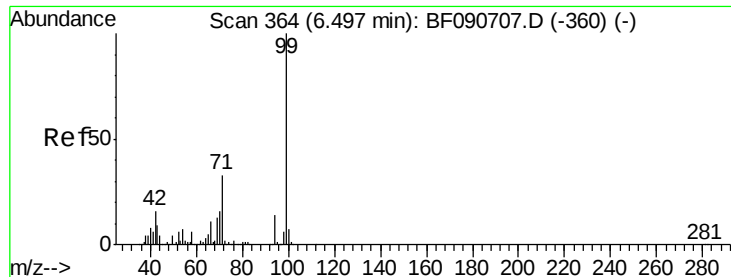


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.15 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

Instrument :

BNA_F

ClientSampleId :

MW-106I

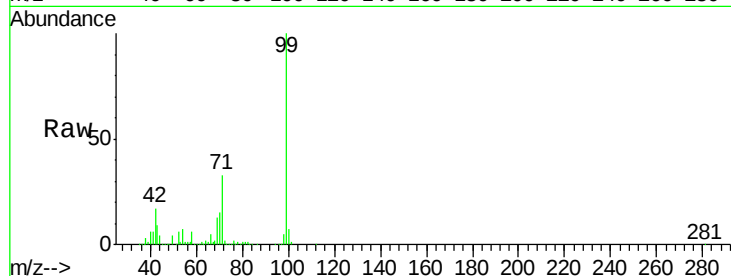
Tgt Ion: 99 Resp: 651726

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

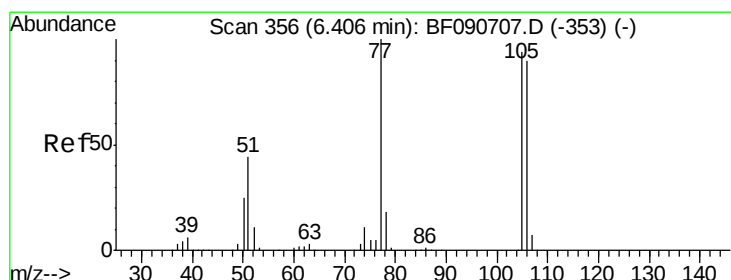
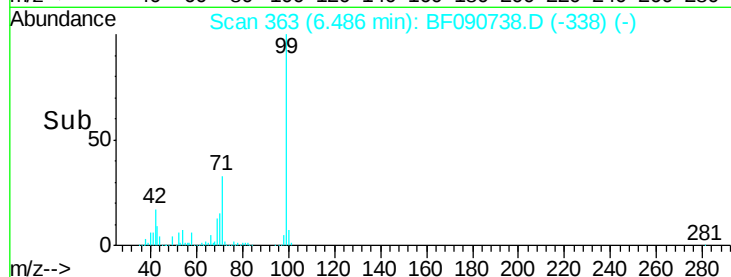
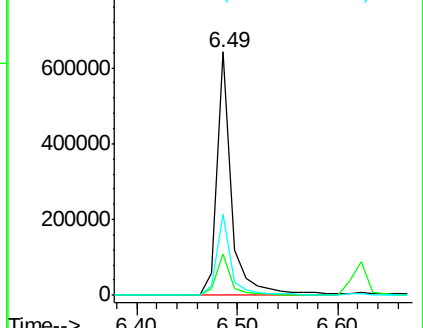
71 33.2 14.2 21.2#



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: 3.15 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.22 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

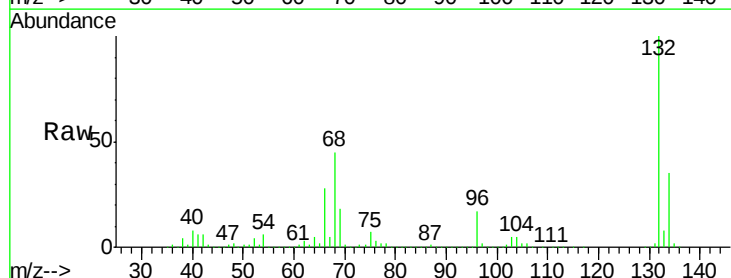
Tgt Ion: 77 Resp: 34920

Ion Ratio Lower Upper

77 100

105 79.4 91.6 131.6#

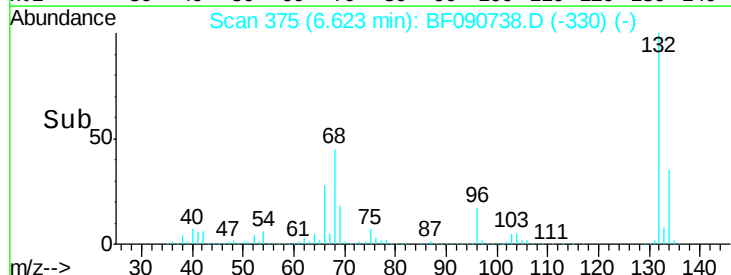
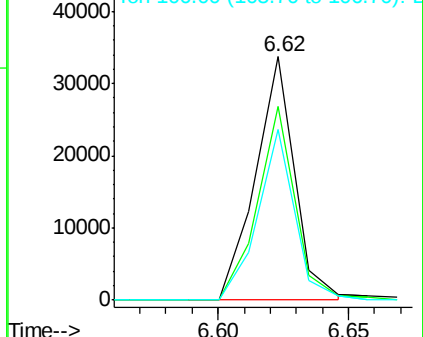
106 70.0 102.6 142.6#

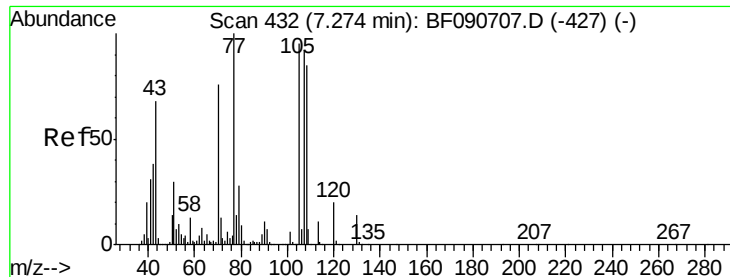


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

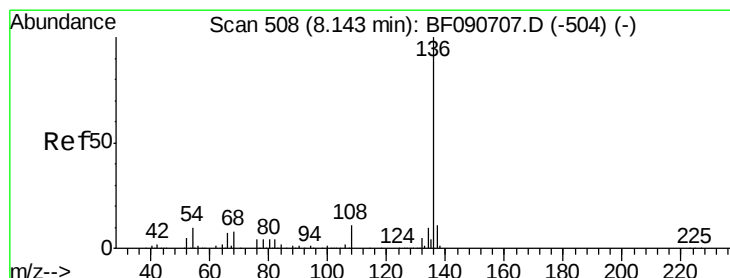
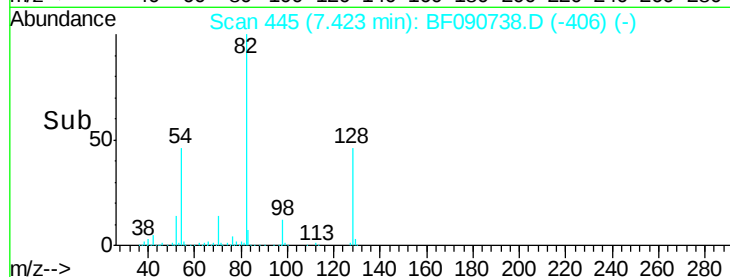
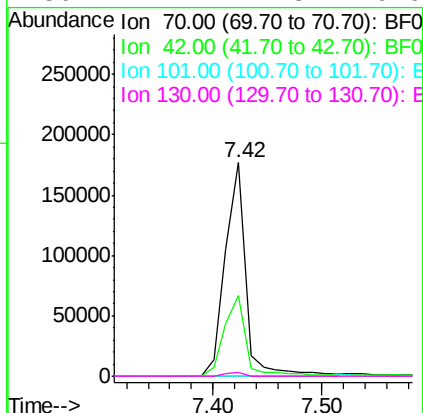
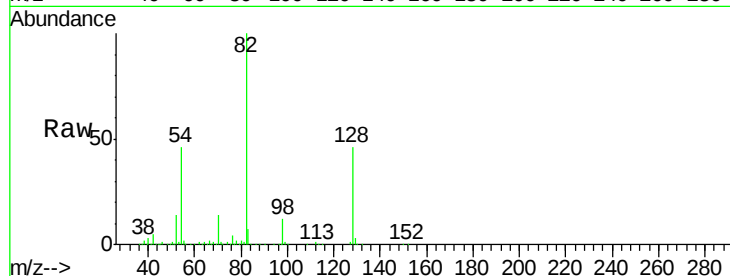




#19
n-Nitroso-di-n-propylamine
Concen: 15.48 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090738.D
Acq: 22 Oct 2016 4:12

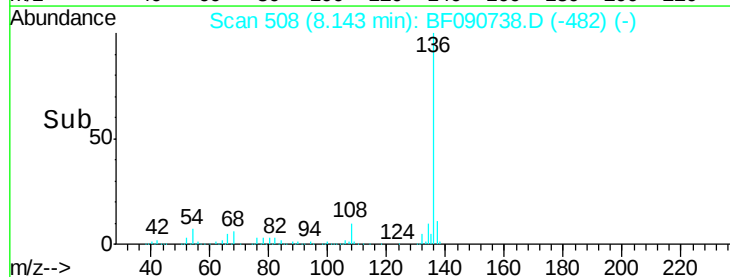
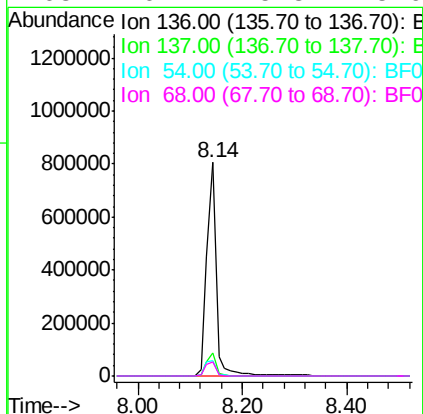
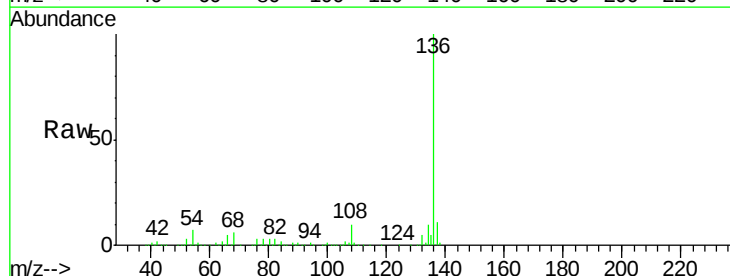
Instrument :
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ClientSampleId :
MW-106I

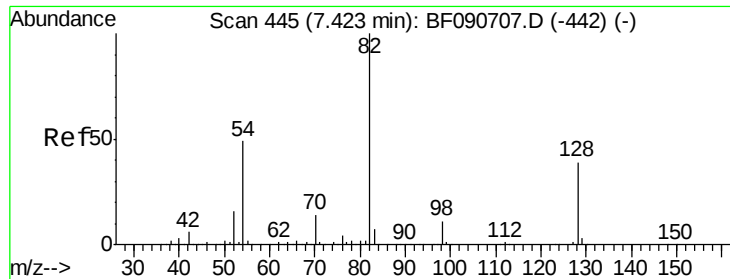
Tgt Ion: 70 Resp: 233660
Ion Ratio Lower Upper
70 100
42 37.5 63.8 95.6#
101 0.0 9.2 13.8#
130 2.1 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090738.D
Acq: 22 Oct 2016 4:12

Tgt Ion: 136 Resp: 1019224
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.0 8.2 12.2#
68 6.4 5.8 8.6

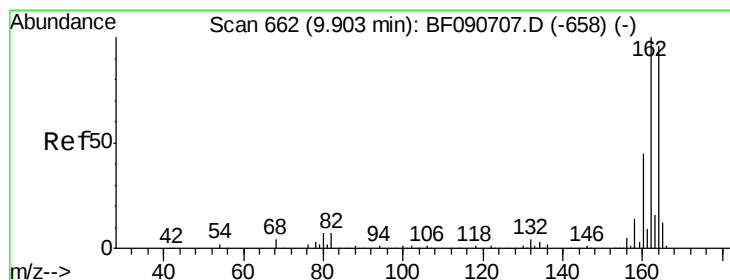
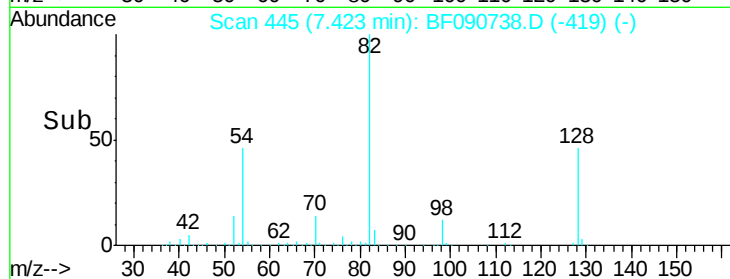
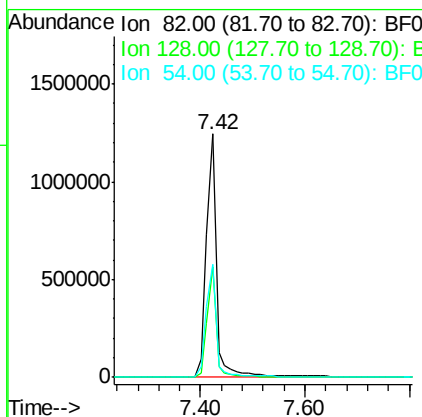
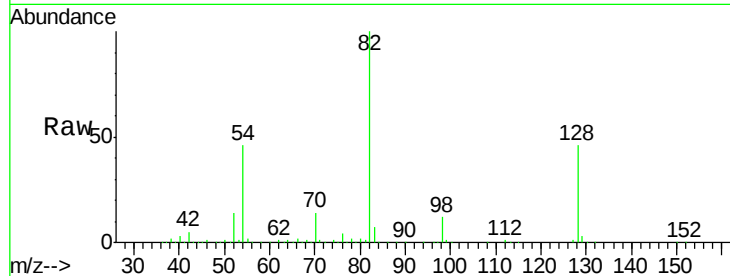




#23
 Nitrobenzene-d5
 Concen: 92.13 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090738.D
 Acq: 22 Oct 2016 4:12

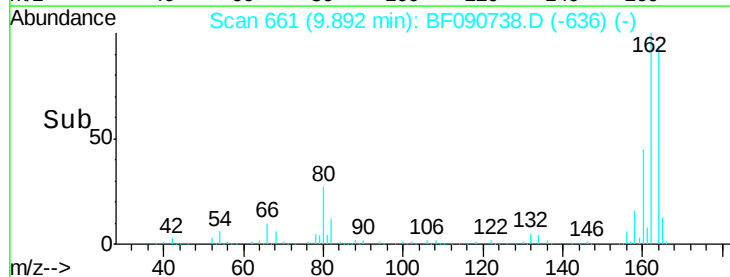
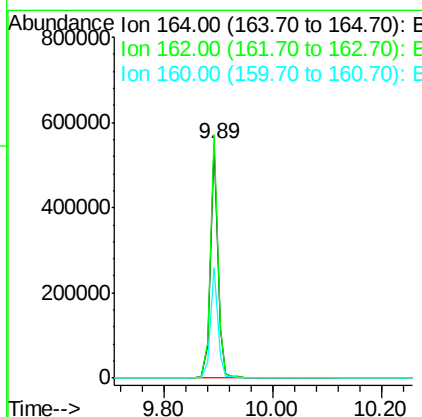
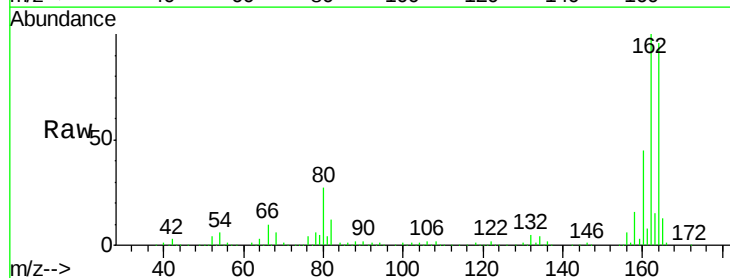
Instrument :
 BNA_F
 ClientSampleId :
 MW-106I

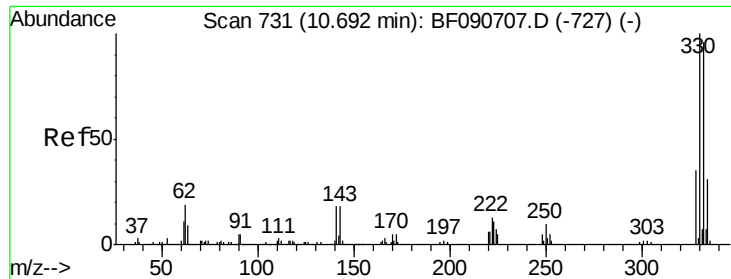
Tgt Ion: 82 Resp: 1712028
 Ion Ratio Lower Upper
 82 100
 128 45.6 51.0 76.6#
 54 46.3 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090738.D
 Acq: 22 Oct 2016 4:12

Tgt Ion: 164 Resp: 533088
 Ion Ratio Lower Upper
 164 100
 162 104.3 75.2 112.8
 160 47.3 31.5 47.3

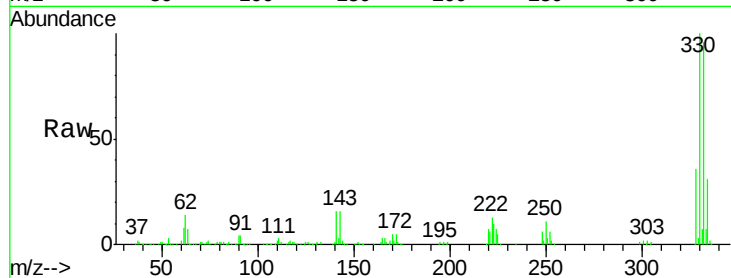




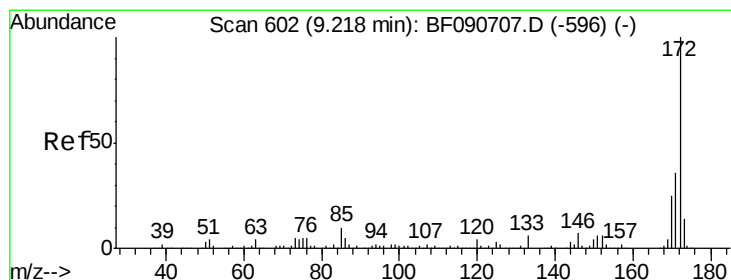
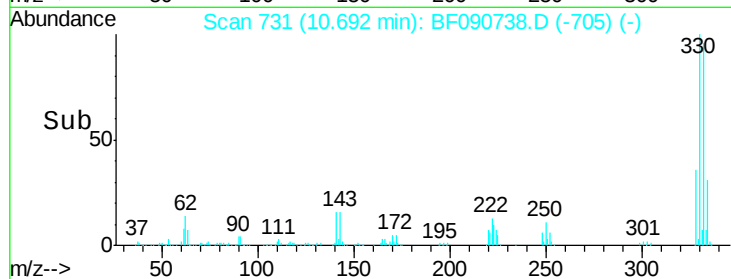
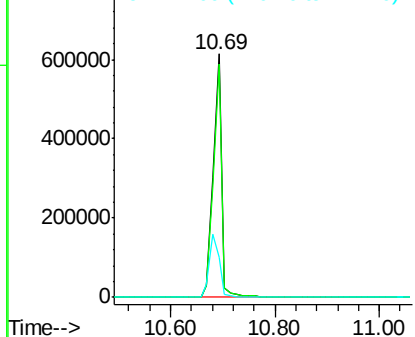
#41
 2,4,6-Tribromophenol
 Concen: 165.09 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090738.D
 Acq: 22 Oct 2016 4:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-106I

Tgt Ion:330 Resp: 696568
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 31.9 29.7 44.5

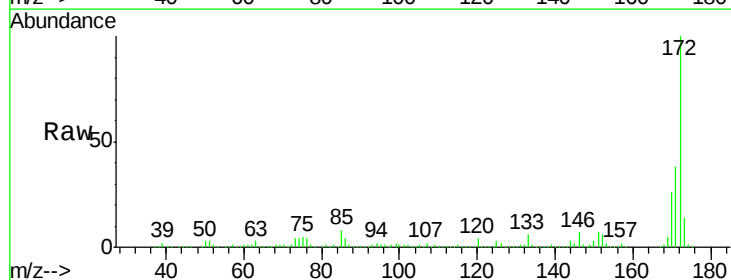


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

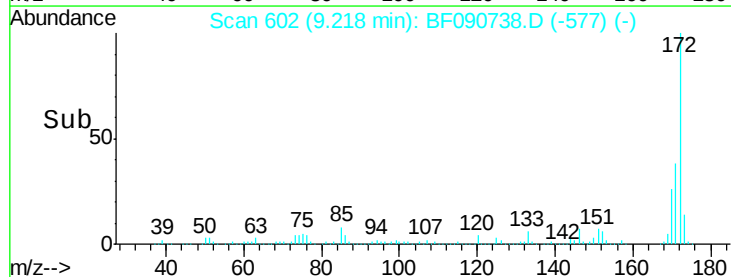
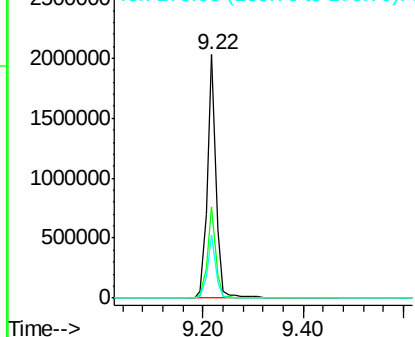


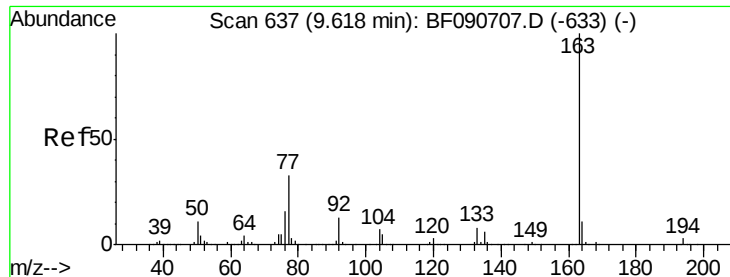
#44
 2-Fluorobiphenyl
 Concen: 71.35 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090738.D
 Acq: 22 Oct 2016 4:12

Tgt Ion:172 Resp: 2450118
 Ion Ratio Lower Upper
 172 100
 171 37.6 26.1 39.1
 170 25.8 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: 5.17 ng

RT: 9.61 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

Instrument :

BNA_F

ClientSampleId :

MW-106I

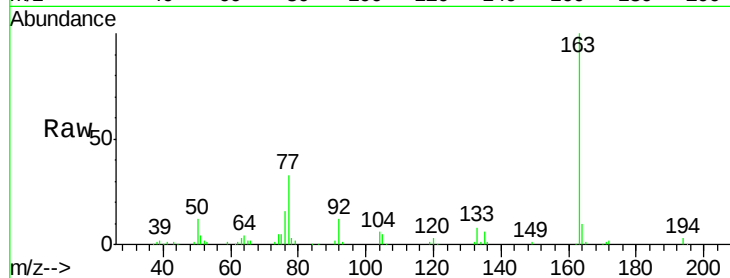
Tgt Ion:163 Resp: 173250

Ion Ratio Lower Upper

163 100

194 2.7 4.4 6.6#

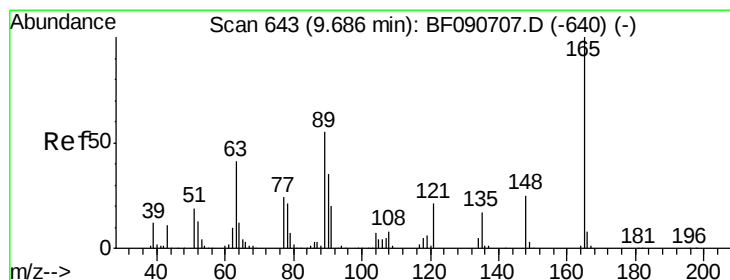
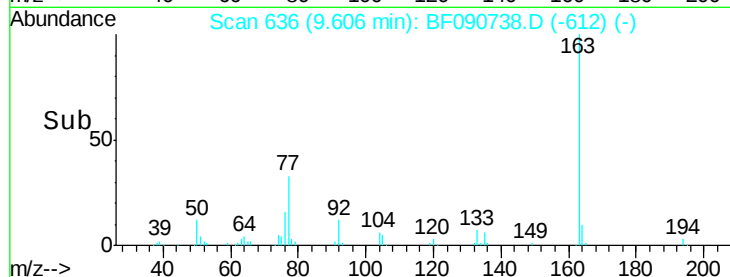
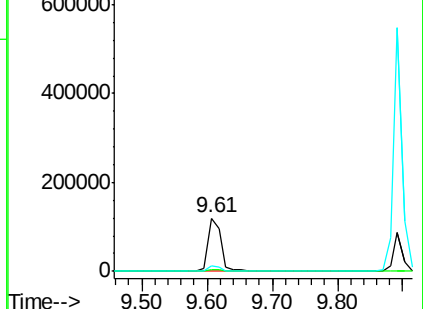
164 10.5 8.3 12.5



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: 9.55 ng

RT: 9.89 min Scan# 661

Delta R.T. 0.21 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

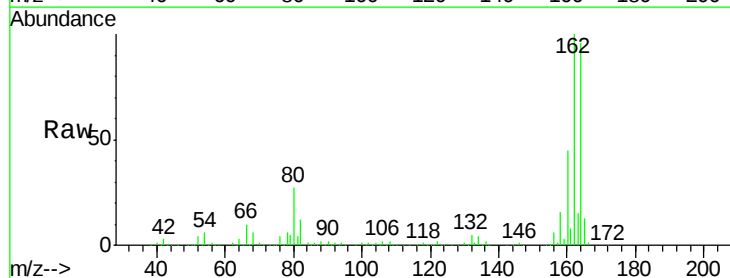
Tgt Ion:165 Resp: 68791

Ion Ratio Lower Upper

165 100

63 1.1 32.3 48.5#

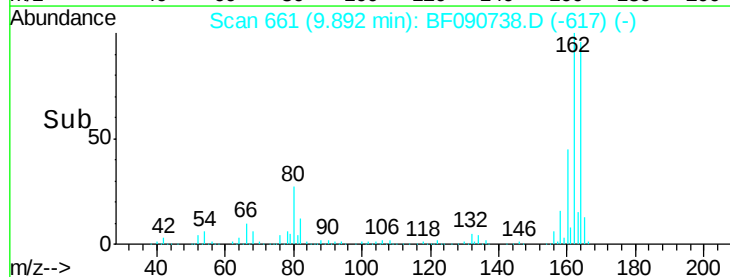
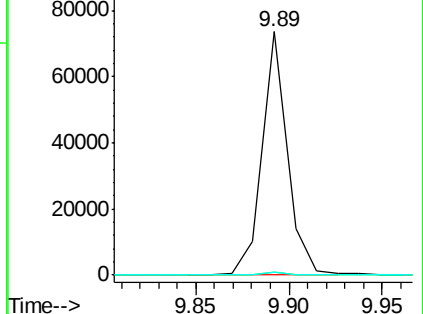
89 1.1 28.6 43.0#

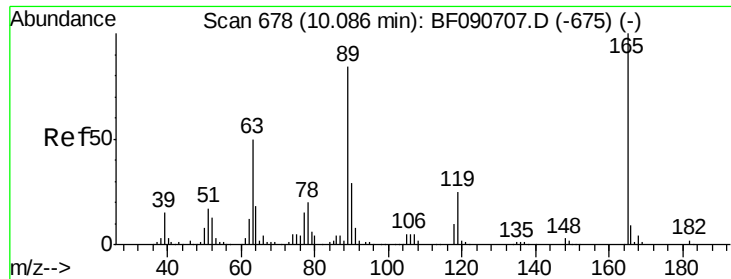


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

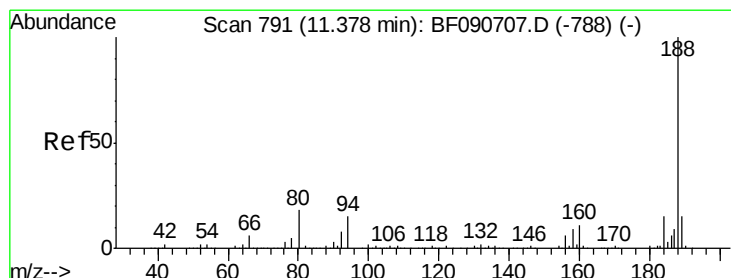
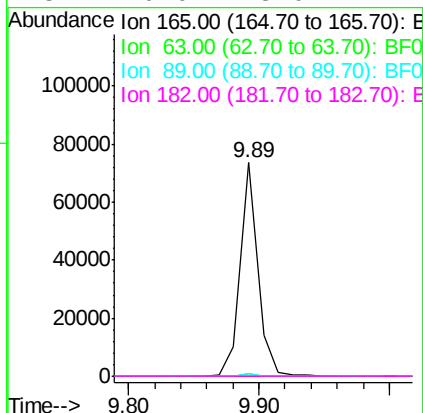
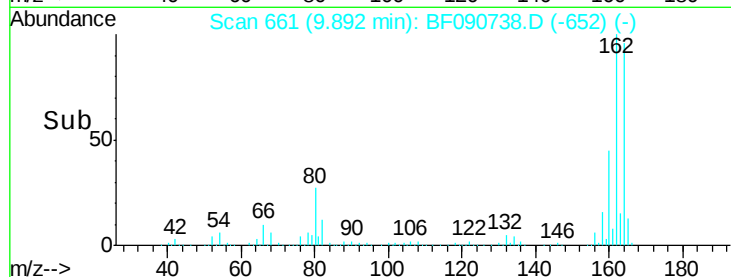
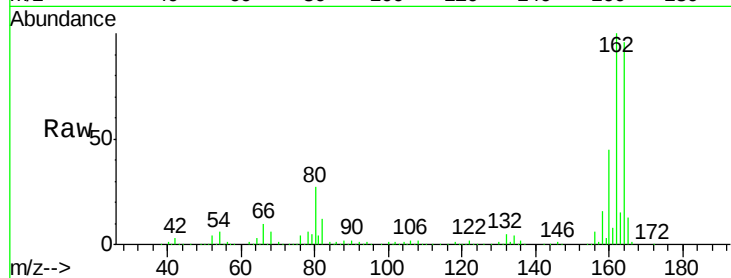




#56
 2,4-Dinitrotoluene
 Concen: 7.84 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090738.D
 Acq: 22 Oct 2016 4:12

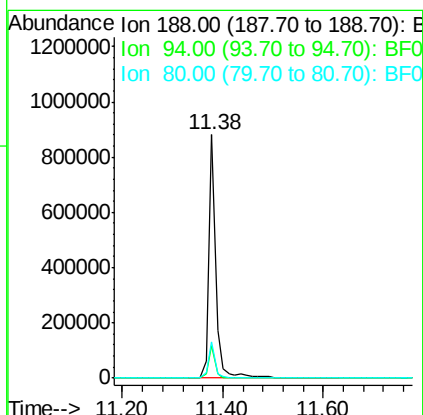
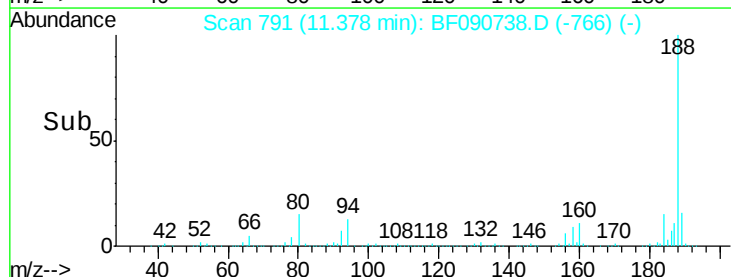
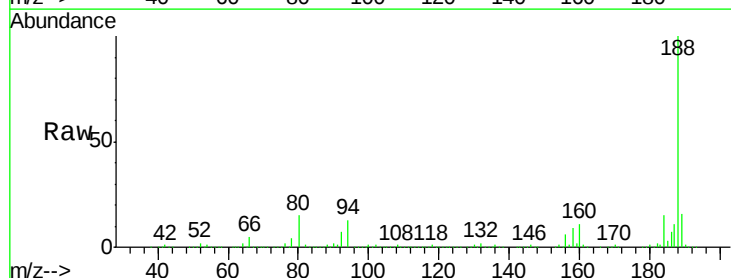
Instrument :
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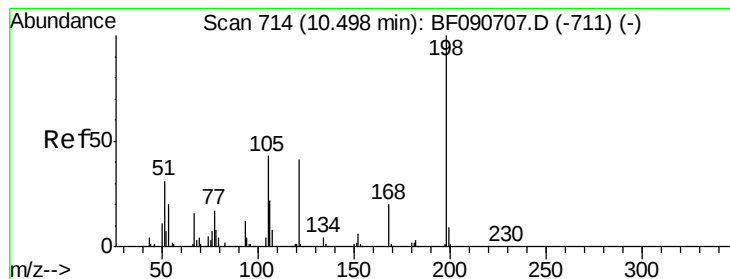
Tgt Ion:	165	Resp:	69040
Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090738.D
 Acq: 22 Oct 2016 4:12

Tgt Ion:	188	Resp:	860749
Ion	Ratio	Lower	Upper
188	100		
94	13.2	11.1	16.7
80	14.7	11.0	16.4





#64

4,6-Dinitro-2-methylphenol

Concen: 4.37 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

Instrument :

BNA_F

ClientSampleId :

MW-106I

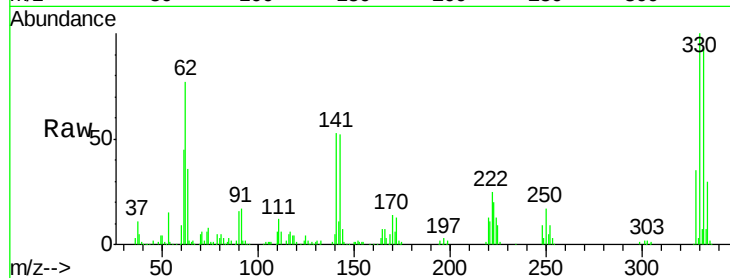
Tgt Ion:198 Resp: 1137

Ion Ratio Lower Upper

198 100

51 189.2 39.6 79.6#

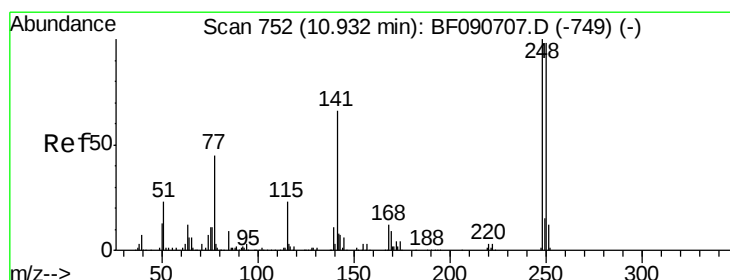
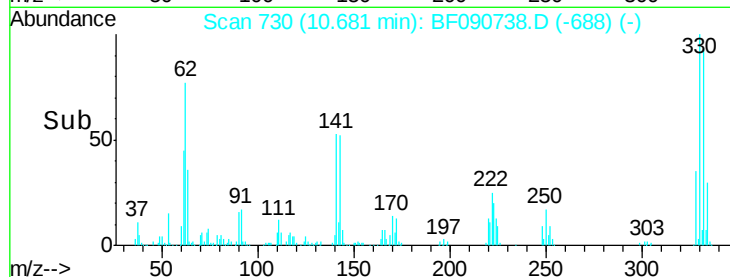
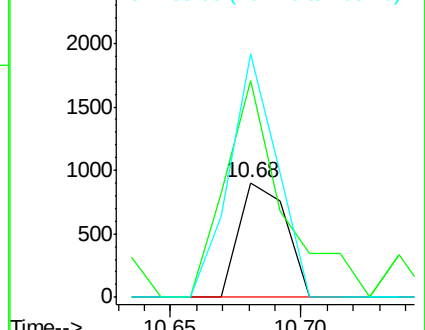
105 212.9 28.5 68.5#



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: 5.56 ng

RT: 10.69 min Scan# 731

Delta R.T. -0.24 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

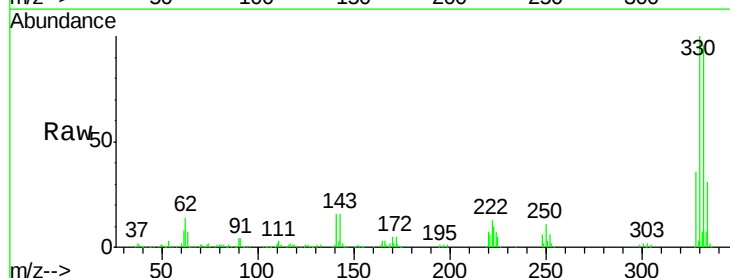
Tgt Ion:248 Resp: 46380

Ion Ratio Lower Upper

248 100

250 202.3 78.5 117.7#

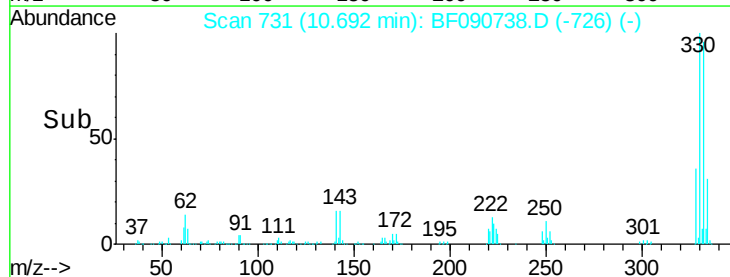
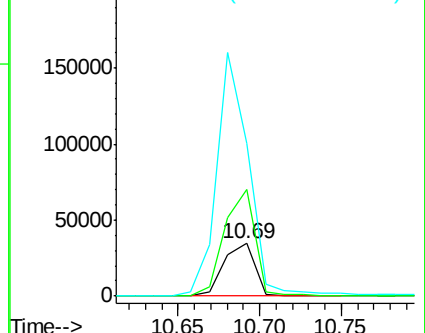
141 291.1 59.0 88.6#

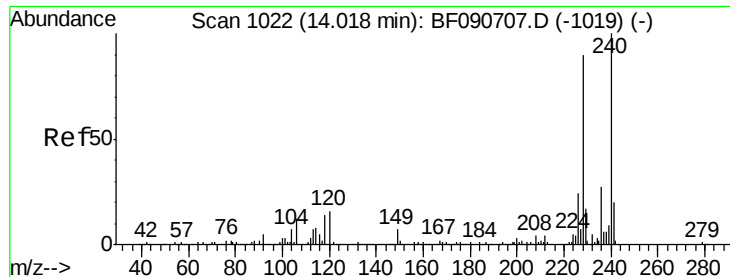


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090738.D

Acq: 22 Oct 2016 4:12

Instrument :

BNA_F

ClientSampleId :

MW-106I

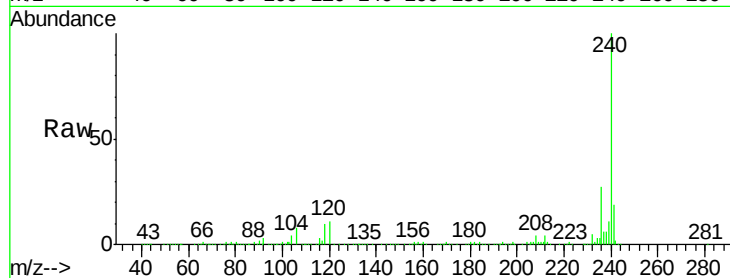
Tgt Ion:240 Resp: 567346

Ion Ratio Lower Upper

240 100

120 11.4 16.2 24.2#

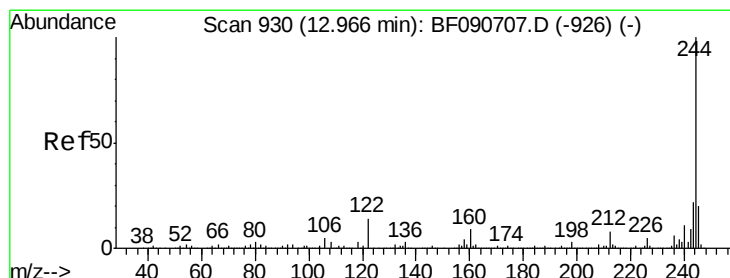
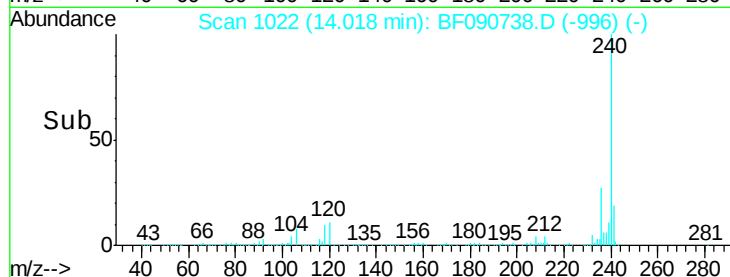
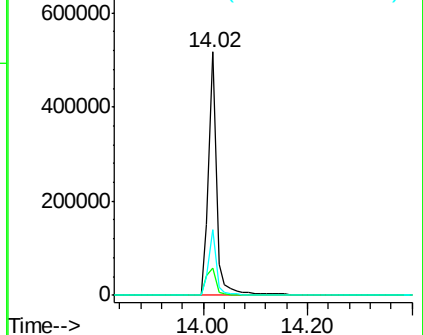
236 26.9 18.4 27.6



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: 109.98 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

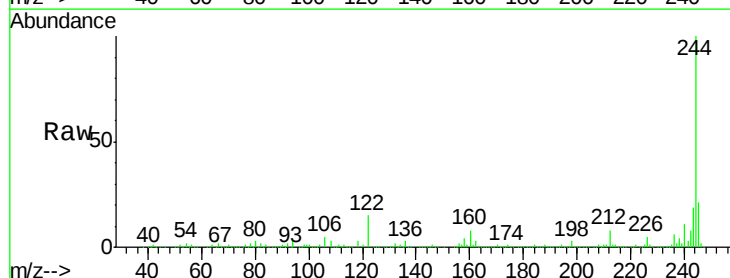
Tgt Ion:244 Resp: 2722595

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

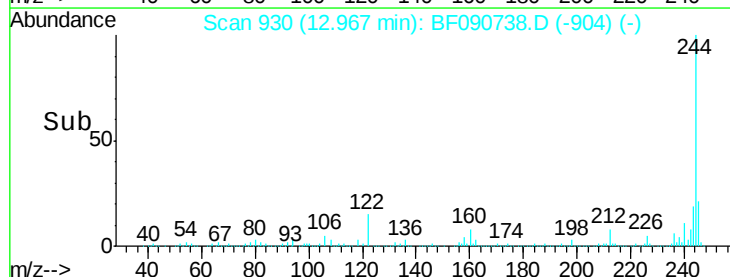
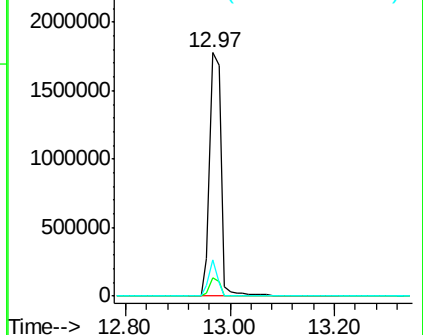
122 14.8 17.4 26.2#

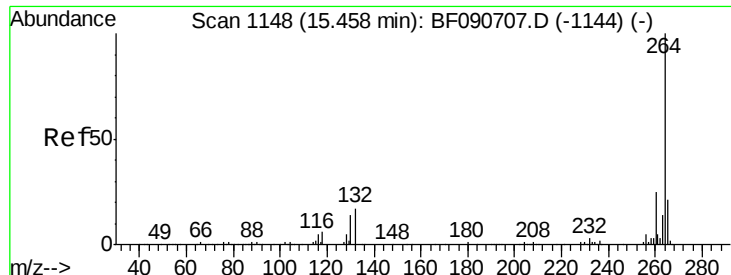


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

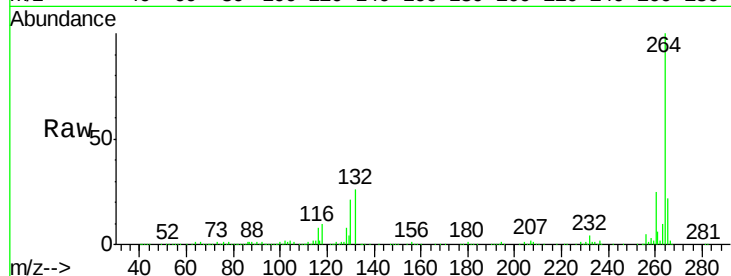




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090738.D
Acq: 22 Oct 2016 4:12

Instrument :
BNA_F
ClientSampleId :
MW-106I

Tgt Ion: 264 Resp: 375001
Ion Ratio Lower Upper
264 100
260 25.3 16.7 25.1#
265 21.9 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

