

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090730.D
 Acq On : 22 Oct 2016 00:32
 Operator : UM/SJ
 Sample : H5308-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102I

Quant Time: Oct 22 02:55:45 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

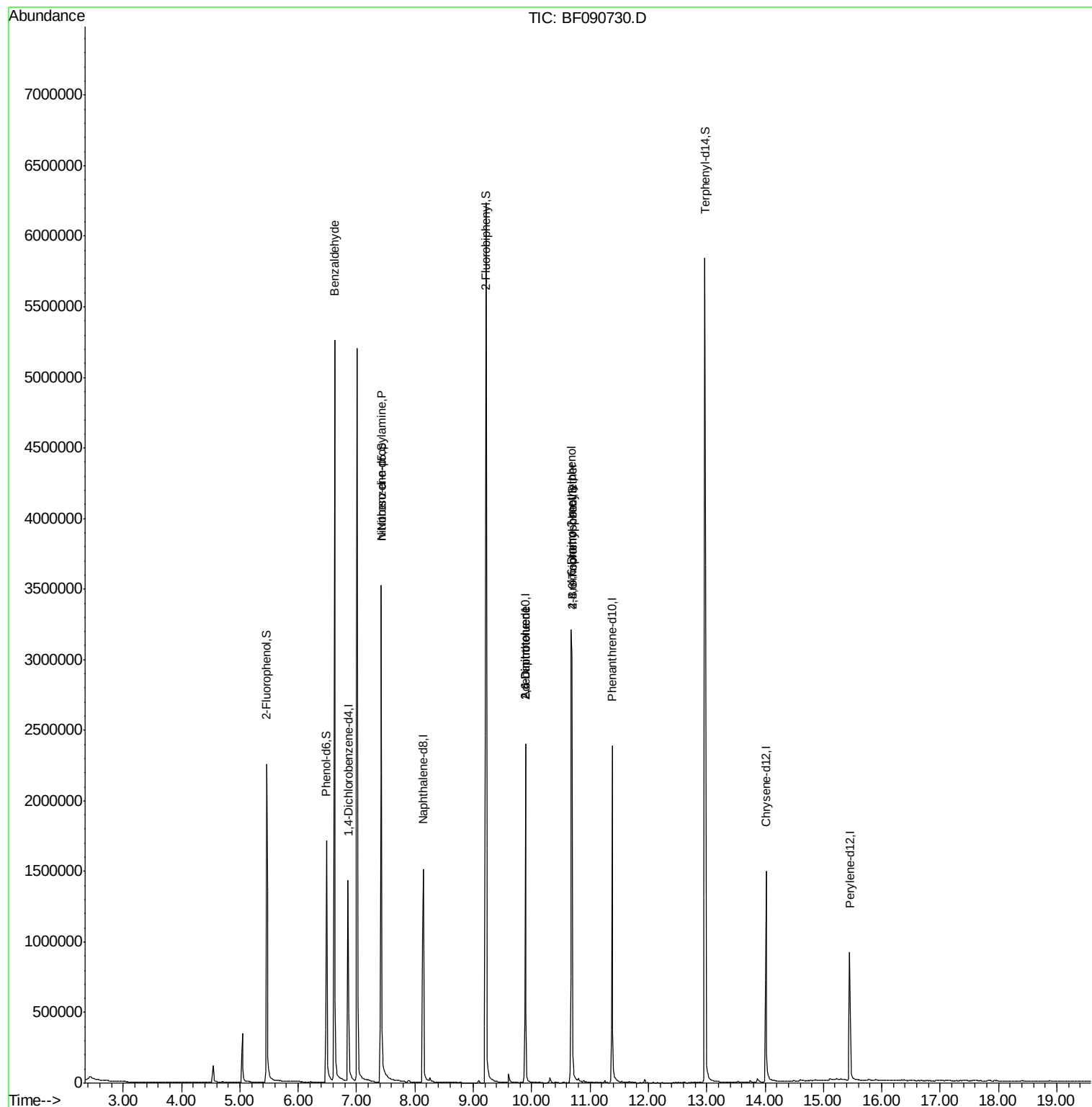
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	258787	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1074517	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	563384	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	945900	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	673573	20.00	ng	0.00
86) Perylene-d12	15.45	264	445672	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	851854	53.09	ng	0.00
7) Phenol-d6	6.49	99	684285	31.48	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1819611	92.88	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	792235	177.66	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2677656	73.78	ng	-0.01
78) Terphenyl-d14	12.97	244	2760017	93.91	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	36972	3.11	ng	# 61
19) n-Nitroso-di-n-propylamine	7.42	70	243071	15.02	ng	# 52
50) 2,6-Dinitrotoluene	9.89	165	72208	9.48	ng	# 39
56) 2,4-Dinitrotoluene	9.89	165	73250	7.87	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1240	4.36	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	49422	5.39	ng	# 1

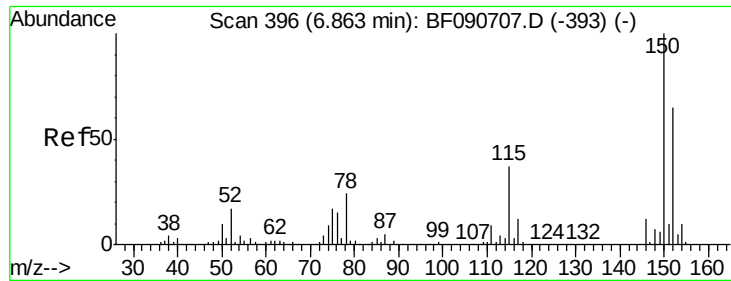
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090730.D
Acq On : 22 Oct 2016 00:32
Operator : UM/SJ
Sample : H5308-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-102I

Quant Time: Oct 22 02:55:45 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



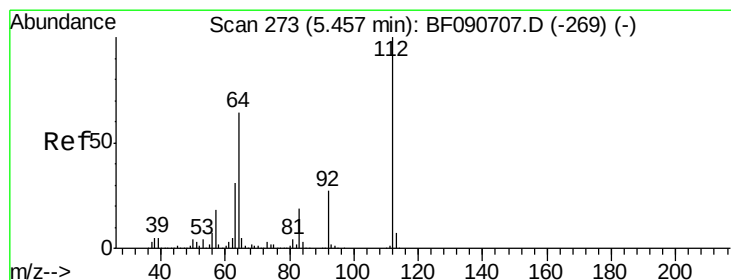
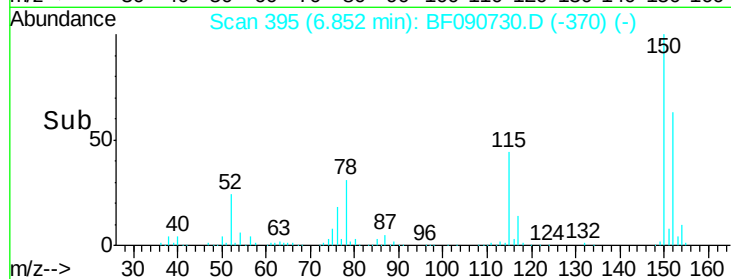
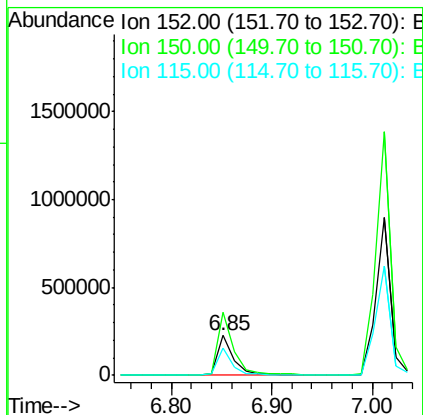
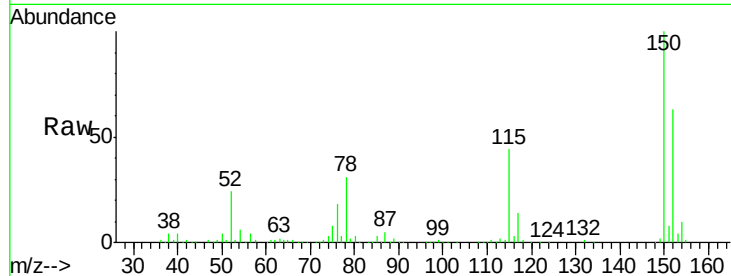


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090730.D
Acq: 22 Oct 2016 00:32

Instrument :
BNA_F
ClientSampleId :
MW-102I

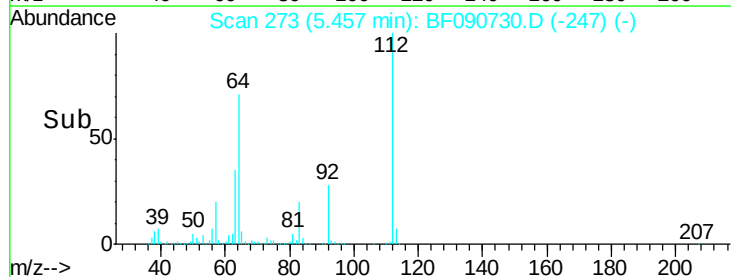
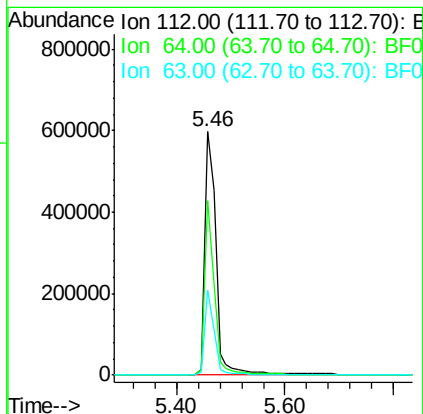
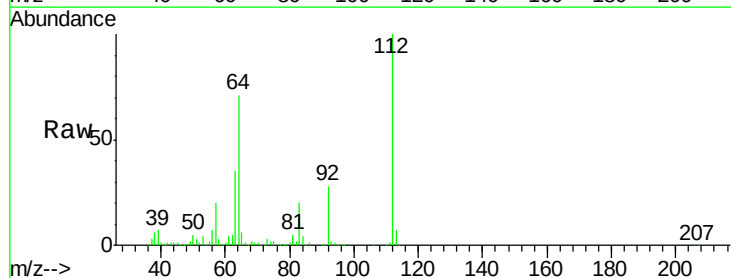
Tgt Ion:152 Resp: 258787
Ion Ratio Lower Upper
152 100
150 158.4 124.7 187.1
115 69.1 39.0 58.4#

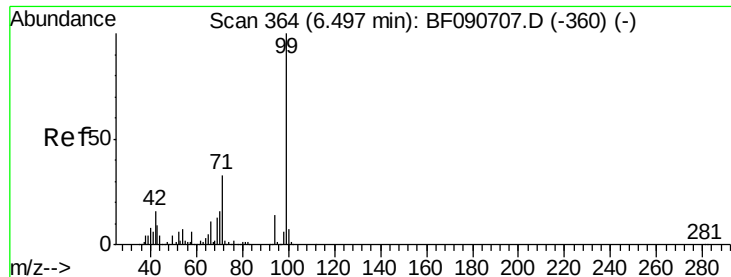


#5

2-Fluorophenol
Concen: 53.09 ng
RT: 5.46 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF090730.D
Acq: 22 Oct 2016 00:32

Tgt Ion:112 Resp: 851854
Ion Ratio Lower Upper
112 100
64 71.5 39.7 59.5#
63 35.1 17.4 26.0#





#7

Phenol-d6

Concen: 31.48 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090730.D

Acq: 22 Oct 2016 00:32

Instrument :

BNA_F

ClientSampleId :

MW-102I

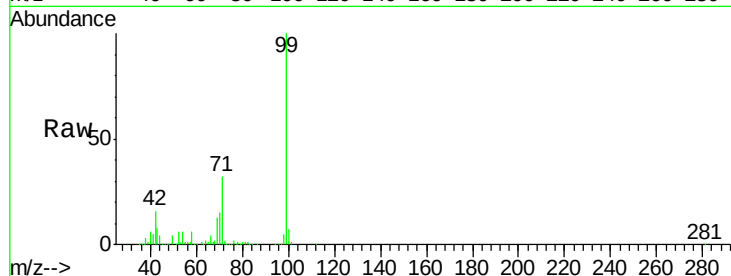
Tgt Ion: 99 Resp: 684285

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

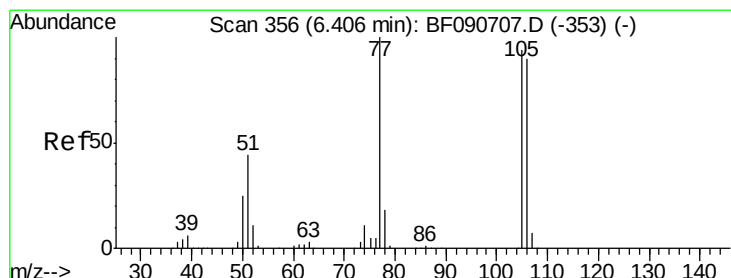
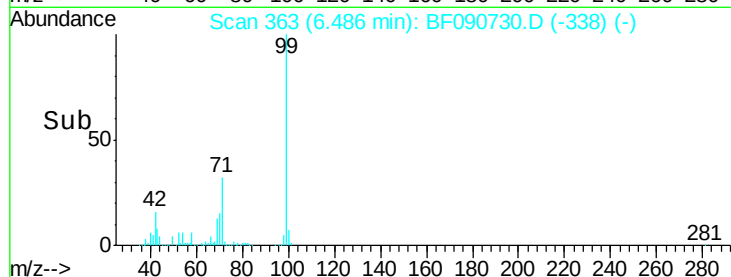
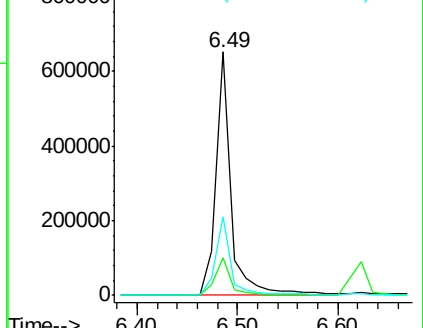
71 32.1 14.2 21.2#



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: 3.11 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.22 min

Lab File: BF090730.D

Acq: 22 Oct 2016 00:32

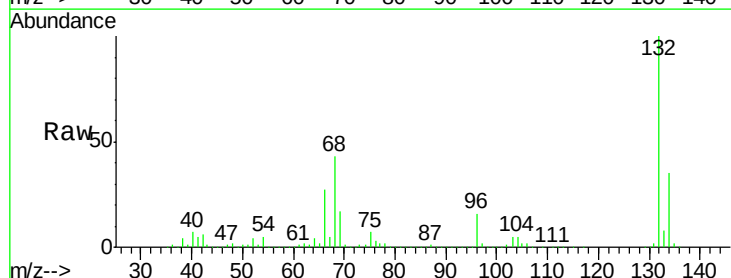
Tgt Ion: 77 Resp: 36972

Ion Ratio Lower Upper

77 100

105 78.2 91.6 131.6#

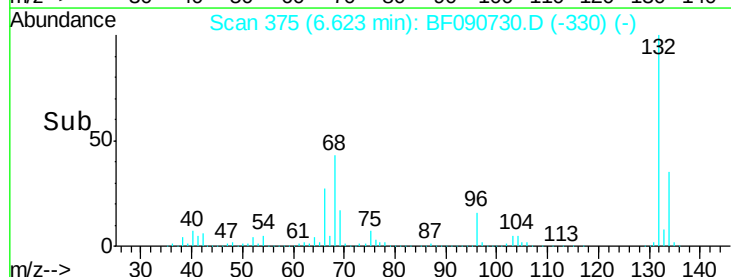
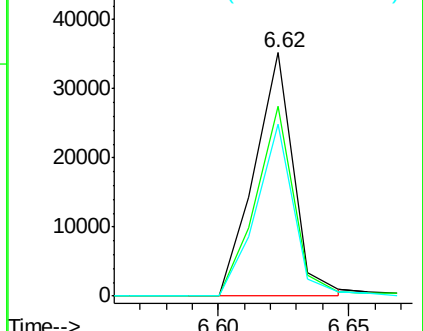
106 70.6 102.6 142.6#

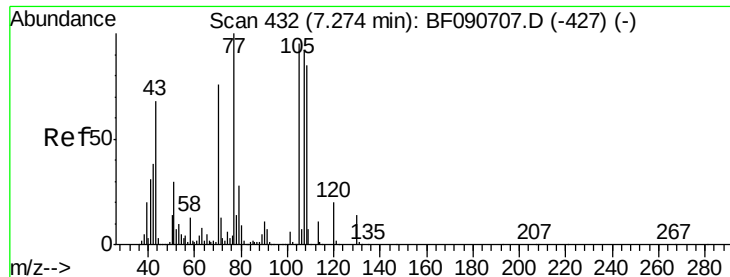


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

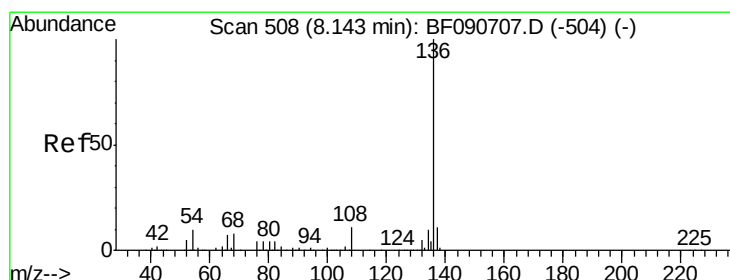
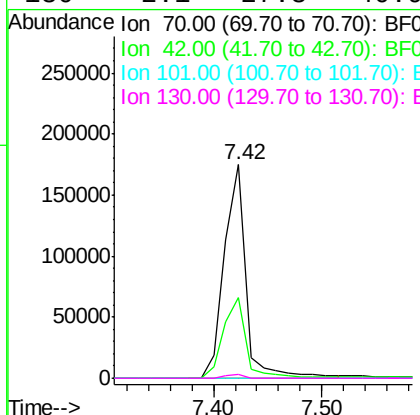
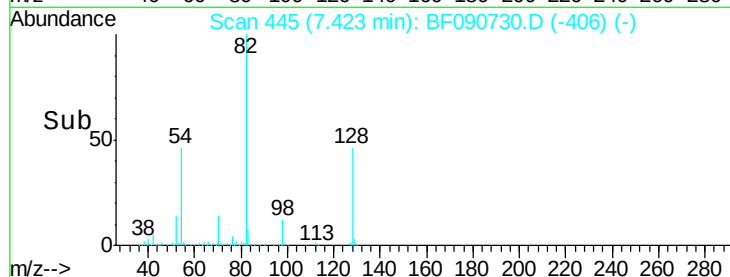
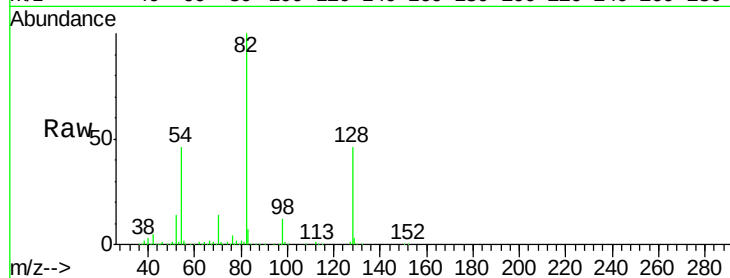




#19
n-Nitroso-di-n-propylamine
Concen: 15.02 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090730.D
Acq: 22 Oct 2016 00:32

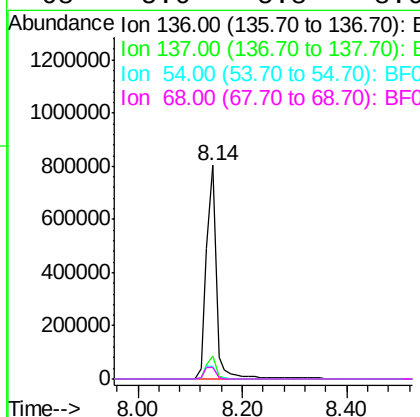
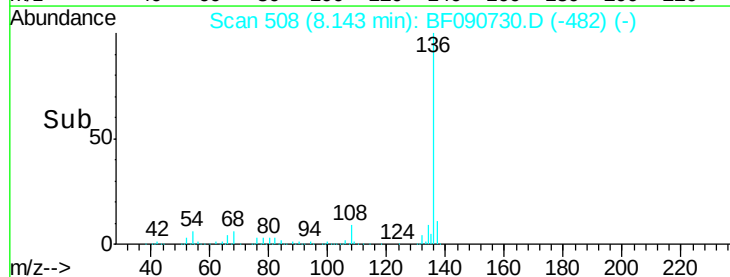
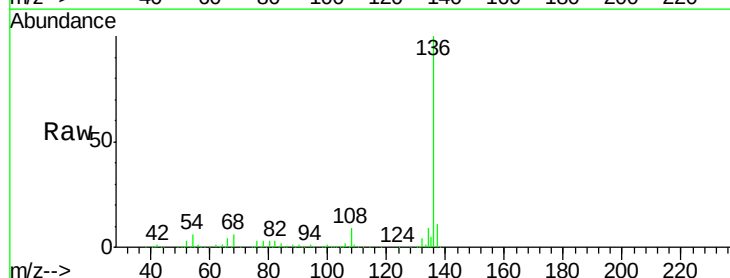
Instrument :
BNA_F
ClientSampleId :
MW-102I

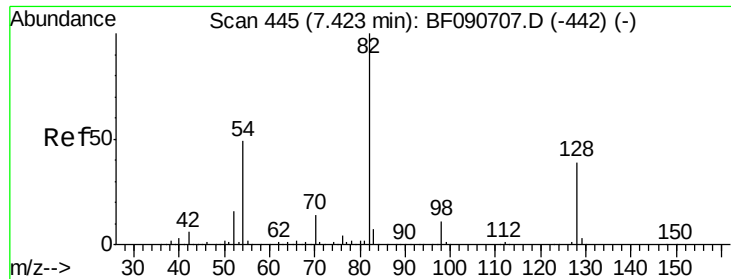
Tgt Ion: 70 Resp: 243071
Ion Ratio Lower Upper
70 100
42 37.6 63.8 95.6#
101 0.0 9.2 13.8#
130 2.1 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090730.D
Acq: 22 Oct 2016 00:32

Tgt Ion: 136 Resp: 1074517
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 6.1 8.2 12.2#
68 5.6 5.8 8.6#

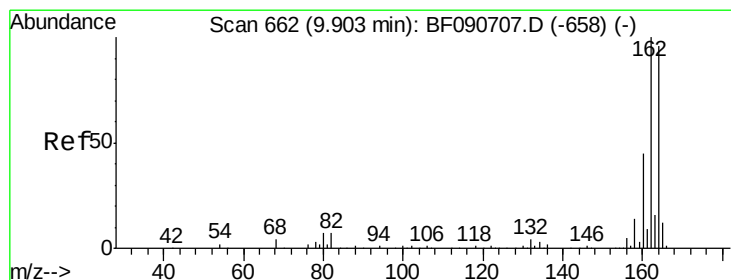
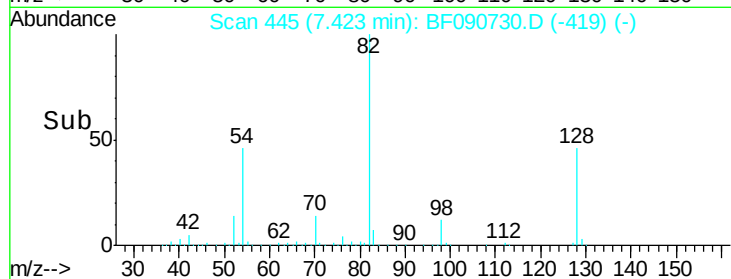
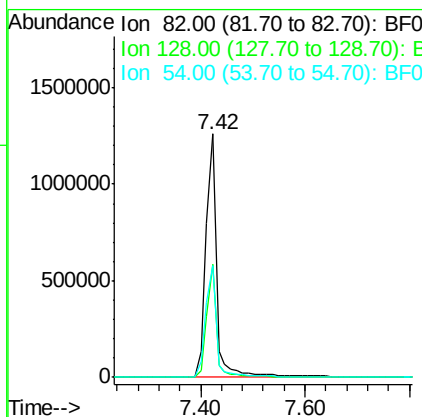
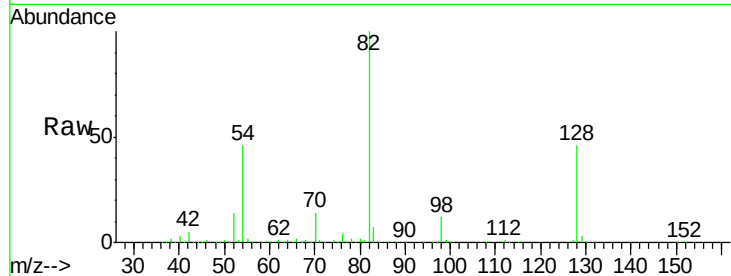




#23
 Nitrobenzene-d5
 Concen: 92.88 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090730.D
 Acq: 22 Oct 2016 00:32

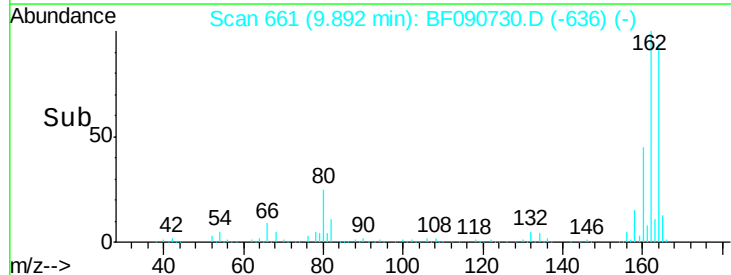
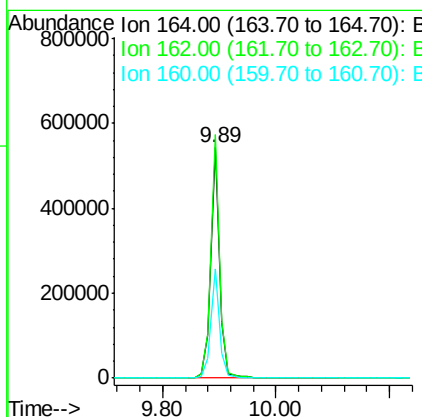
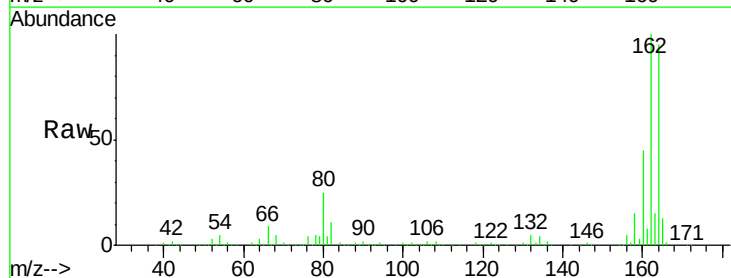
Instrument :
 BNA_F
 ClientSampleId :
 MW-102I

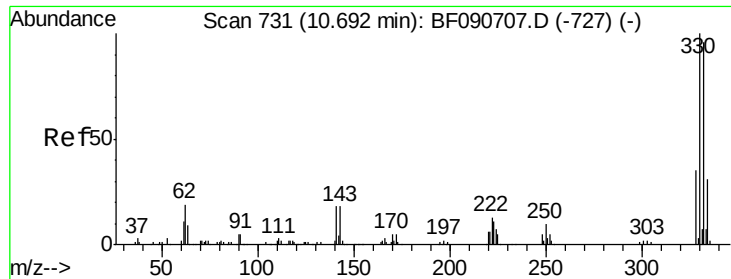
Tgt Ion: 82 Resp: 1819611
 Ion Ratio Lower Upper
 82 100
 128 46.2 51.0 76.6#
 54 45.7 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090730.D
 Acq: 22 Oct 2016 00:32

Tgt Ion: 164 Resp: 563384
 Ion Ratio Lower Upper
 164 100
 162 105.7 75.2 112.8
 160 47.3 31.5 47.3#

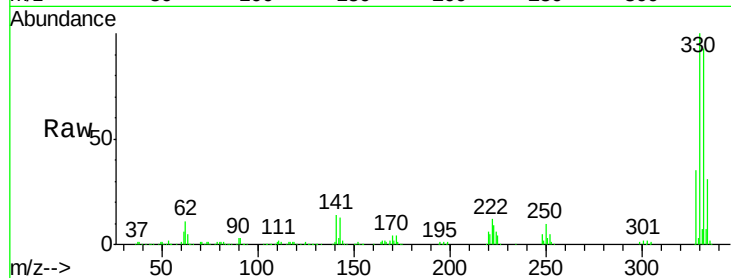




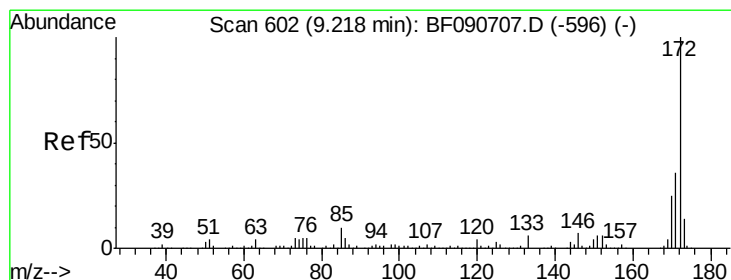
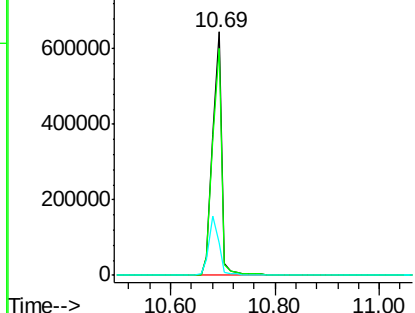
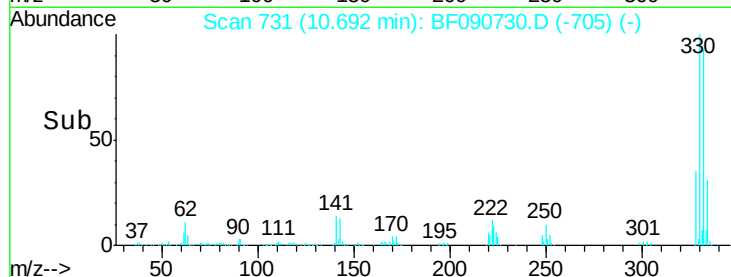
#41
 2,4,6-Tribromophenol
 Concen: 177.66 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090730.D
 Acq: 22 Oct 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-102I

Tgt Ion:330 Resp: 792235
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 27.5 29.7 44.5#

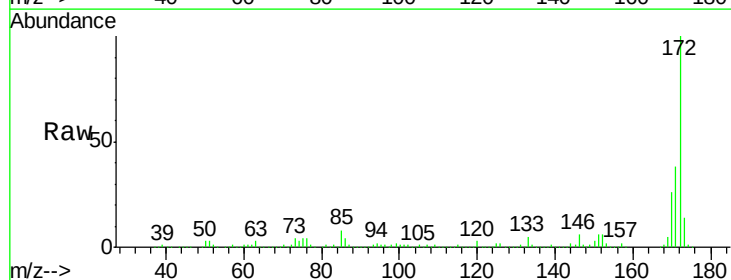


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

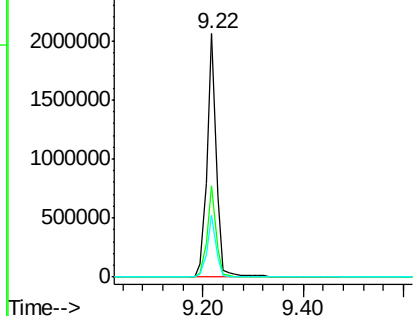
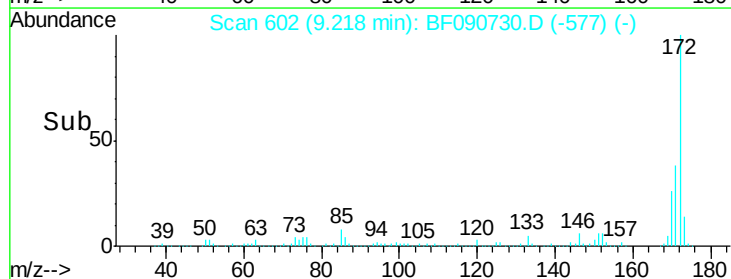


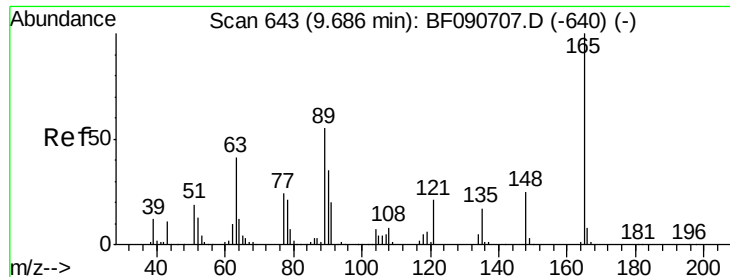
#44
 2-Fluorobiphenyl
 Concen: 73.78 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090730.D
 Acq: 22 Oct 2016 00:32

Tgt Ion:172 Resp: 2677656
 Ion Ratio Lower Upper
 172 100
 171 37.6 26.1 39.1
 170 25.6 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

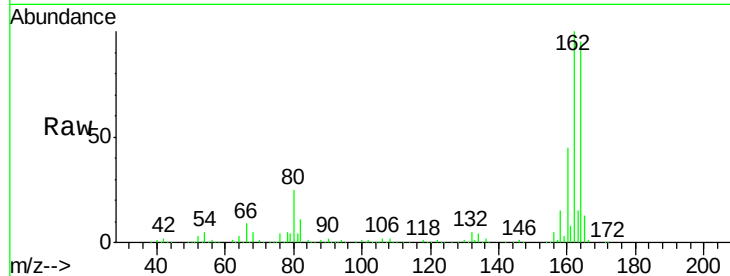




#50
 2,6-Dinitrotoluene
 Concen: 9.48 ng
 RT: 9.89 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF090730.D
 Acq: 22 Oct 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-102I

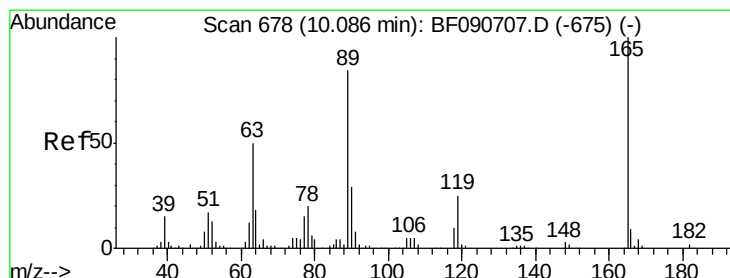
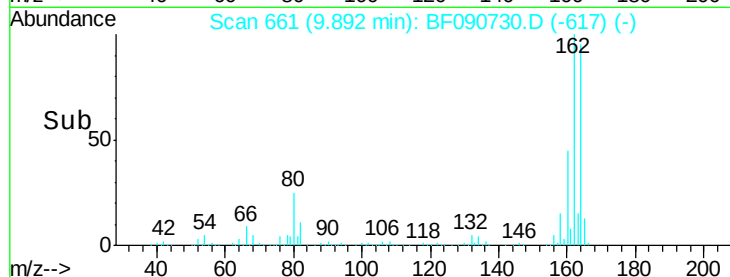
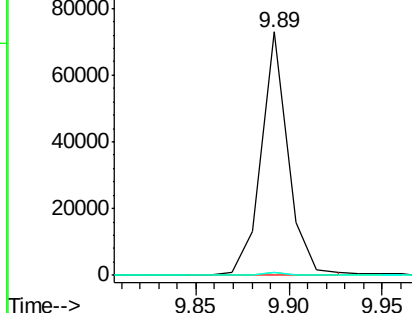
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.3	48.5#
89	1.1	28.6	43.0#



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: 7.87 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090730.D
 Acq: 22 Oct 2016 00:32

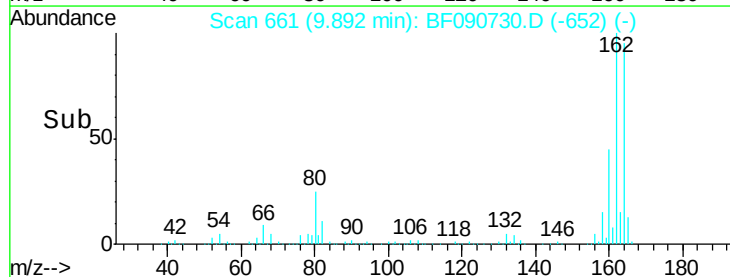
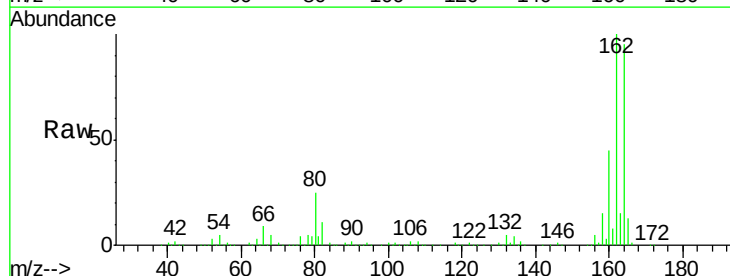
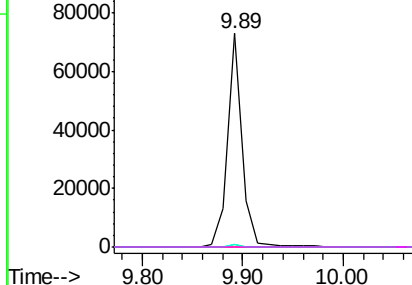
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

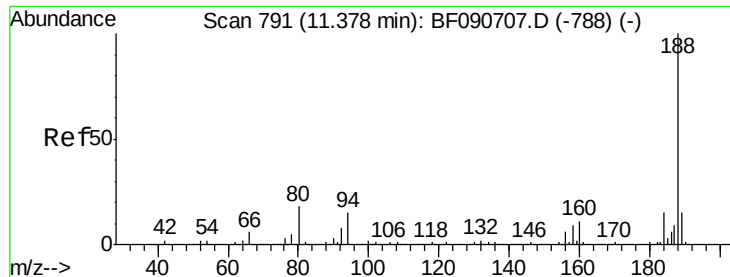
Abundance Ion 165.00 (164.70 to 165.70): E

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

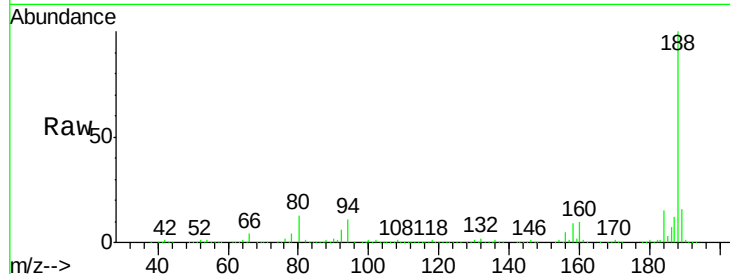




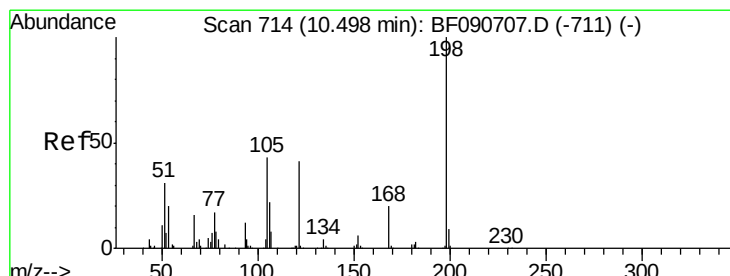
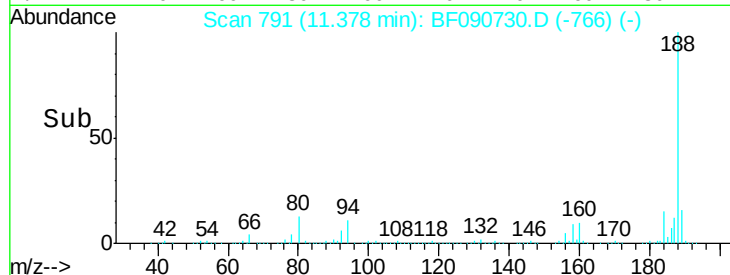
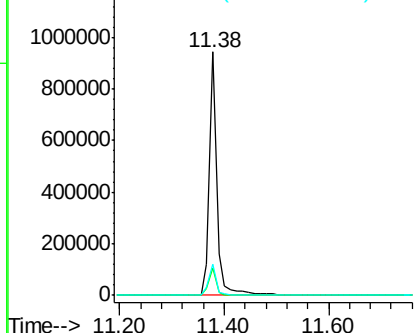
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090730.D
Acq: 22 Oct 2016 00:32

Instrument :
BNA_F
ClientSampleId :
MW-102I

Tgt Ion:188 Resp: 945900
Ion Ratio Lower Upper
188 100
94 11.4 11.1 16.7
80 12.5 11.0 16.4

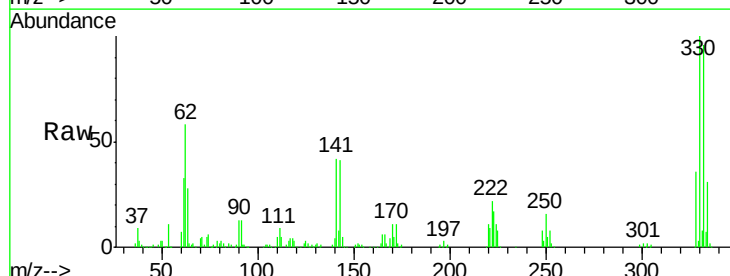


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

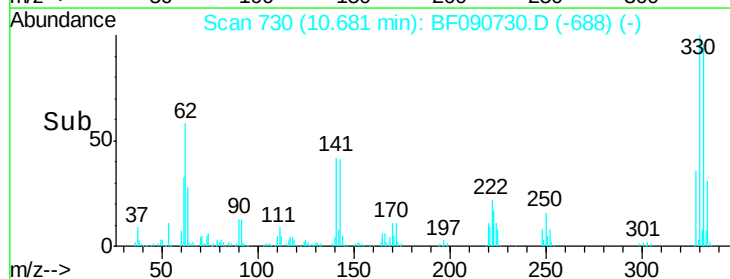
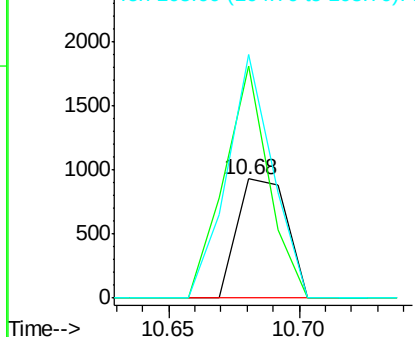


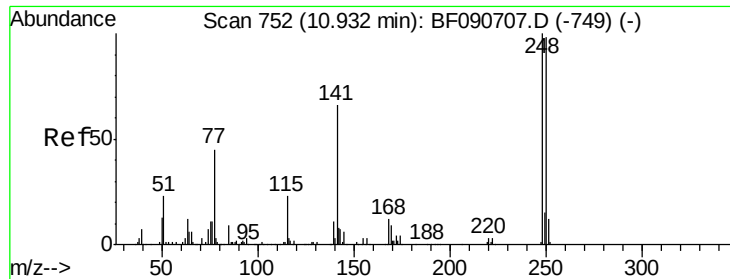
#64
4,6-Dinitro-2-methylphenol
Concen: 4.36 ng
RT: 10.68 min Scan# 730
Delta R.T. 0.18 min
Lab File: BF090730.D
Acq: 22 Oct 2016 00:32

Tgt Ion:198 Resp: 1240
Ion Ratio Lower Upper
198 100
51 195.3 39.6 79.6#
105 204.5 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: 5.39 ng

RT: 10.69 min Scan# 731

Delta R.T. -0.24 min

Lab File: BF090730.D

Acq: 22 Oct 2016 00:32

Instrument :

BNA_F

ClientSampleId :

MW-102I

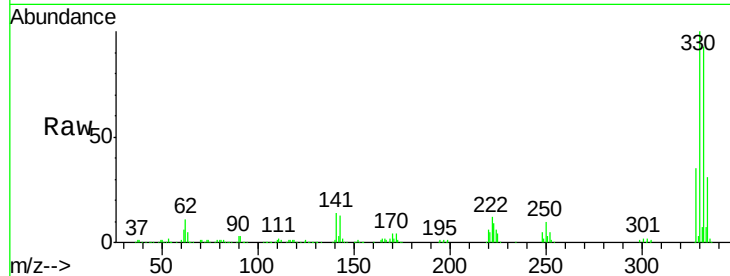
Tgt Ion:248 Resp: 49422

Ion Ratio Lower Upper

248 100

250 199.6 78.5 117.7#

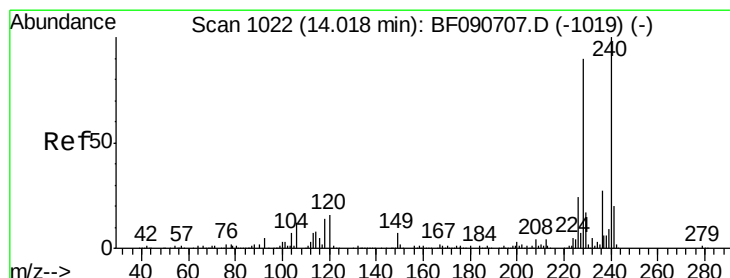
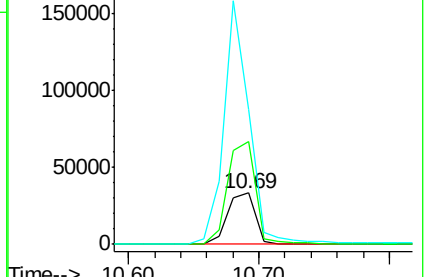
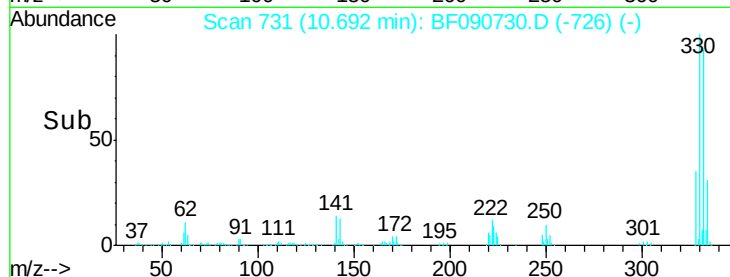
141 261.9 59.0 88.6#



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: BF090730.D

Acq: 22 Oct 2016 00:32

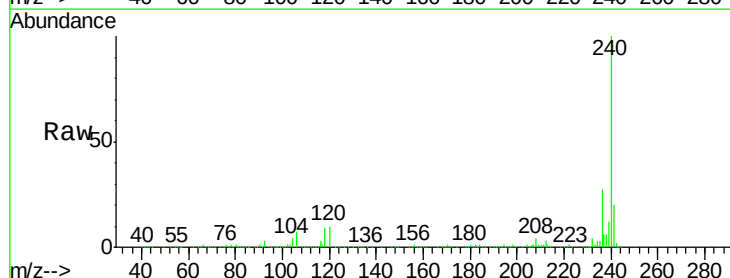
Tgt Ion:240 Resp: 673573

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

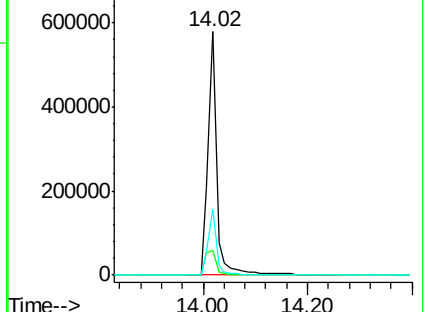
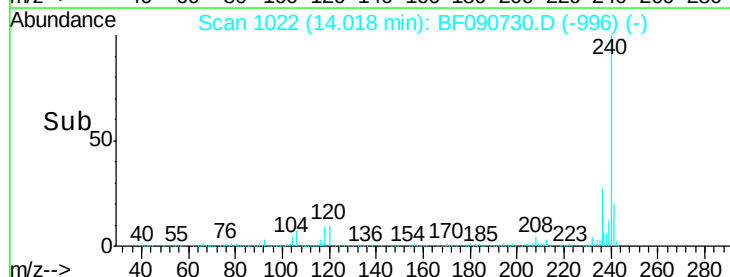
236 27.2 18.4 27.6

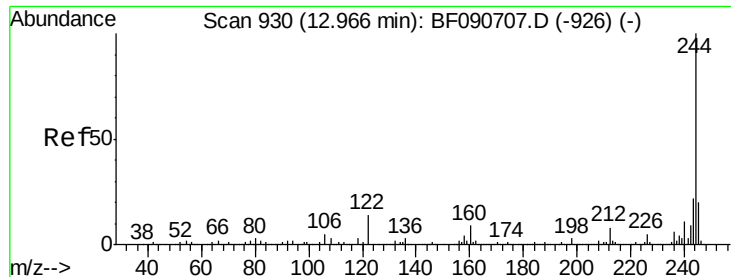


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

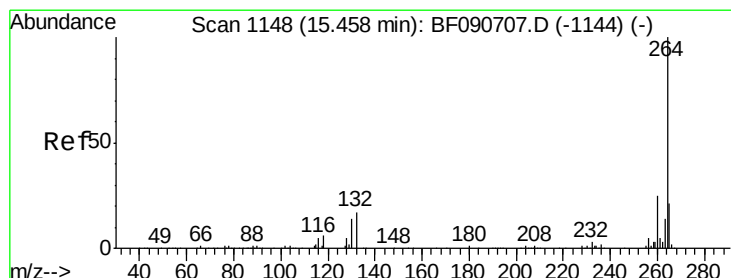
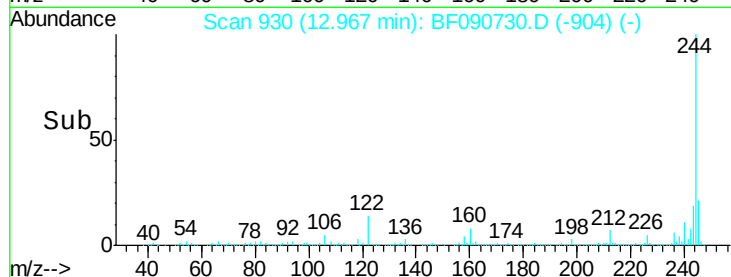
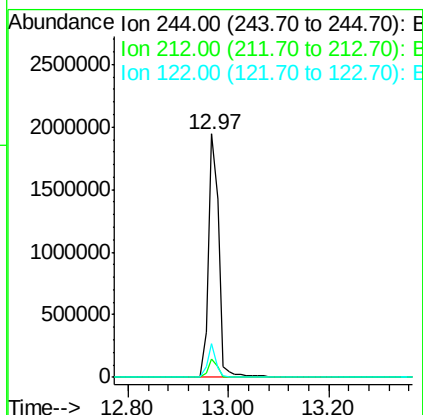
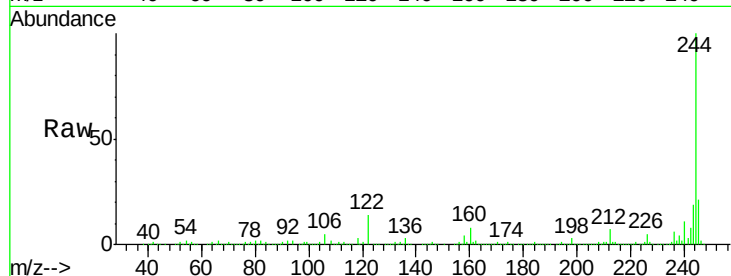




#78
 Terphenyl-d14
 Concen: 93.91 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090730.D
 Acq: 22 Oct 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-102I

Tgt Ion:244 Resp: 2760017
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 13.8 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: BF090730.D
 Acq: 22 Oct 2016 00:32

Tgt Ion:264 Resp: 445672
 Ion Ratio Lower Upper
 264 100
 260 24.7 16.7 25.1
 265 21.7 17.2 25.8

