

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090729.D
 Acq On : 22 Oct 2016 00:04
 Operator : UM/SJ
 Sample : H5308-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Quant Time: Oct 22 00:29:45 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

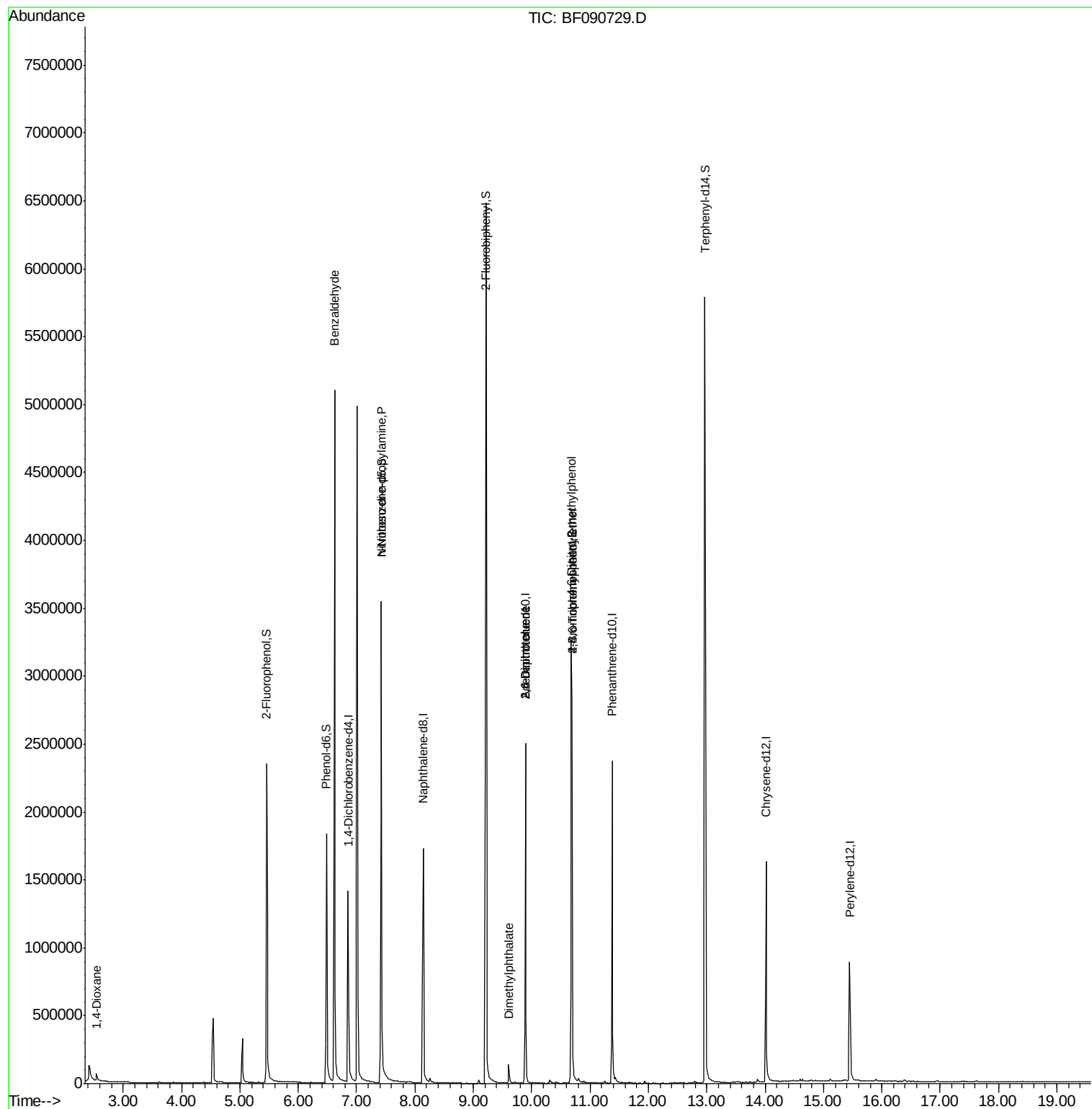
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	253050	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1071252	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	541180	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	917947	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	671177	20.00	ng	0.00
86) Perylene-d12	15.45	264	439990	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	834078	53.16	ng	0.00
7) Phenol-d6	6.49	99	704259	33.14	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1721986	88.16	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	718912	167.84	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2562719	73.51	ng	-0.01
78) Terphenyl-d14	12.97	244	2606987	89.02	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.54	88	26980	2.97	ng	83
9) Benzaldehyde	6.62	77	35522	3.06	ng	# 59
19) n-Nitroso-di-n-propylamine	7.42	70	230592	14.57	ng	# 53
49) Dimethylphthalate	9.61	163	77647	2.28	ng	# 97
50) 2,6-Dinitrotoluene	9.89	165	70211	9.60	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	70973	7.94	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1171	4.36	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	46125	5.18	ng	# 1

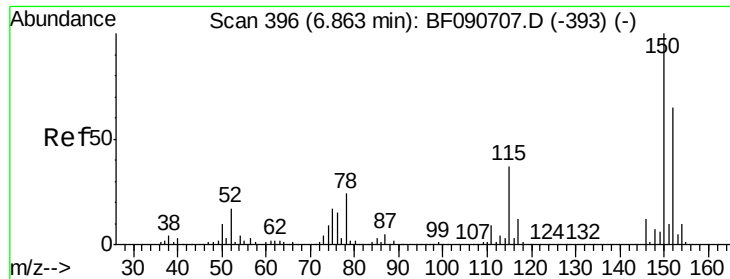
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090729.D
Acq On : 22 Oct 2016 00:04
Operator : UM/SJ
Sample : H5308-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-101I

Quant Time: Oct 22 00:29:45 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: BF090729.D

Acq: 22 Oct 2016 00:04

Instrument :

BNA_F

ClientSampleId :

MW-101I

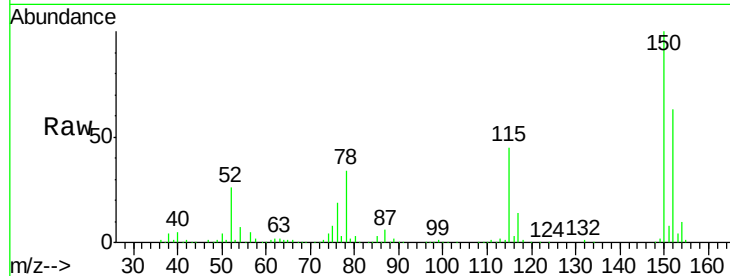
Tgt Ion:152 Resp: 253050

Ion Ratio Lower Upper

152 100

150 158.8 124.7 187.1

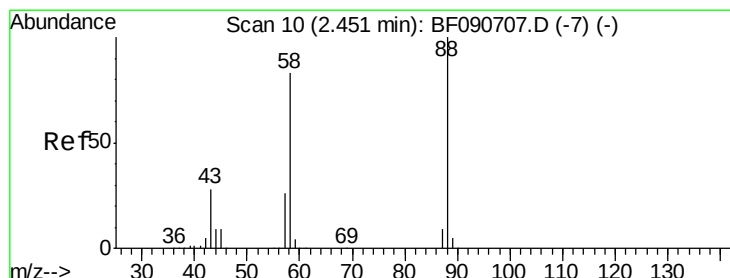
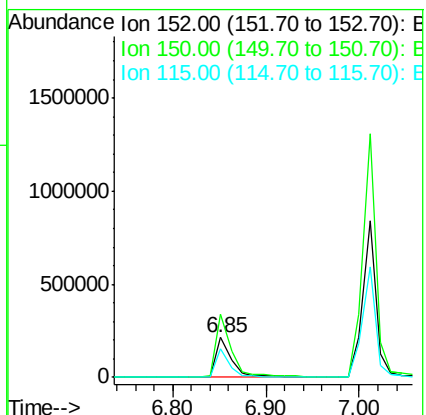
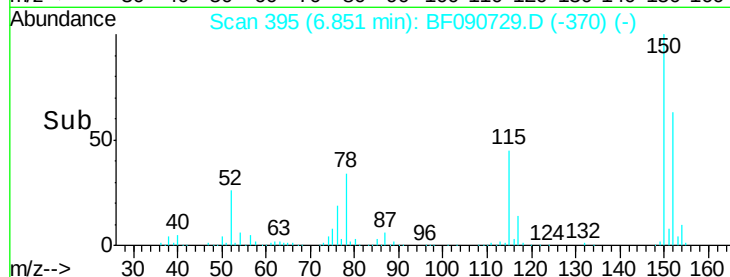
115 71.8 39.0 58.4#



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: 2.97 ng

RT: 2.54 min Scan# 18

Delta R.T. 0.06 min

Lab File: BF090729.D

Acq: 22 Oct 2016 00:04

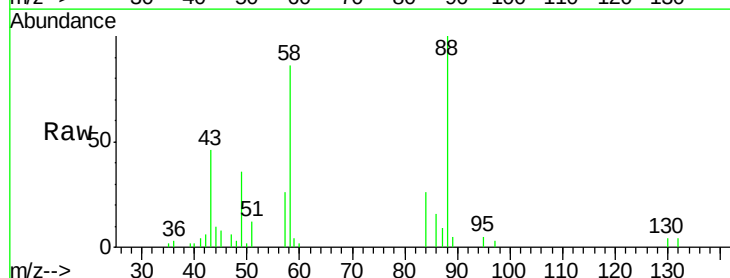
Tgt Ion: 88 Resp: 26980

Ion Ratio Lower Upper

88 100

58 78.0 77.7 116.5

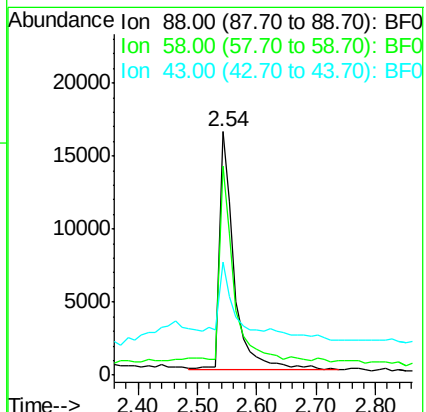
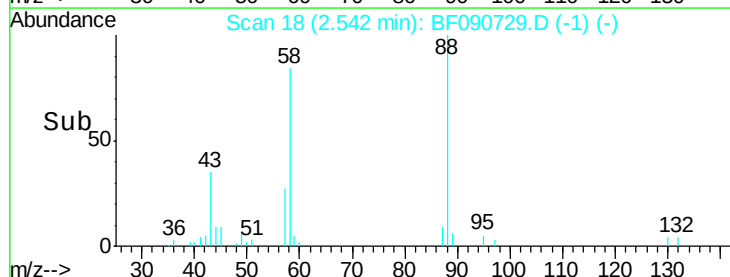
43 27.5 26.6 40.0

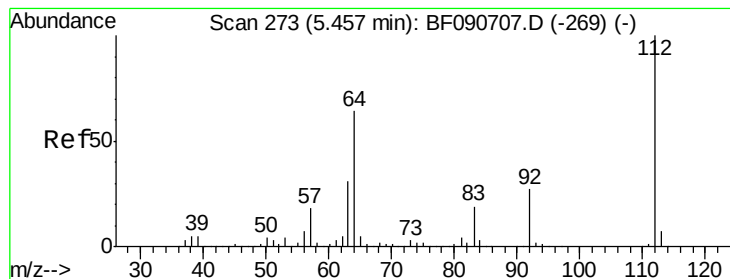


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 53.16 ng

RT: 5.46 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF090729.D

Acq: 22 Oct 2016 00:04

Instrument :

BNA_F

ClientSampleId :

MW-101I

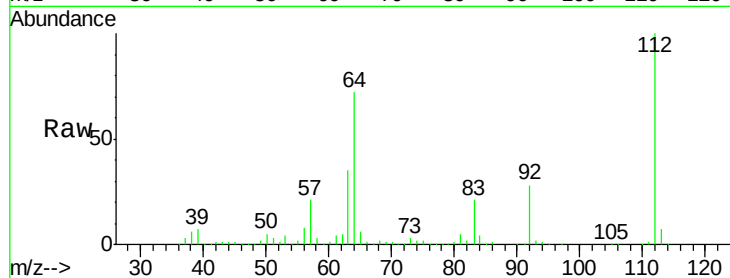
Tgt Ion: 112 Resp: 834078

Ion Ratio Lower Upper

112 100

64 72.2 39.7 59.5#

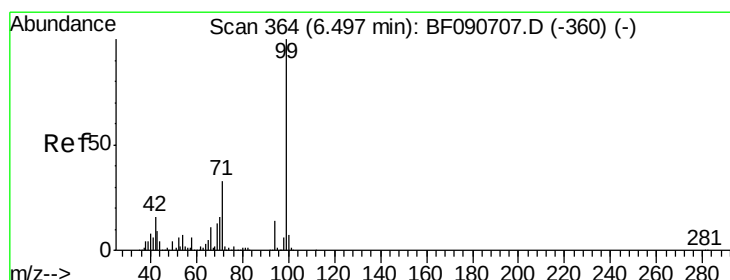
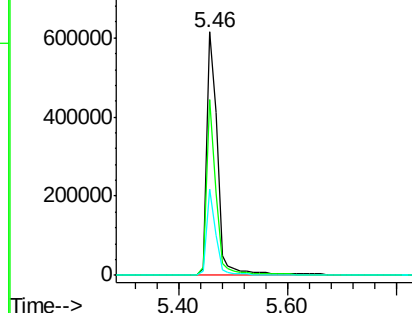
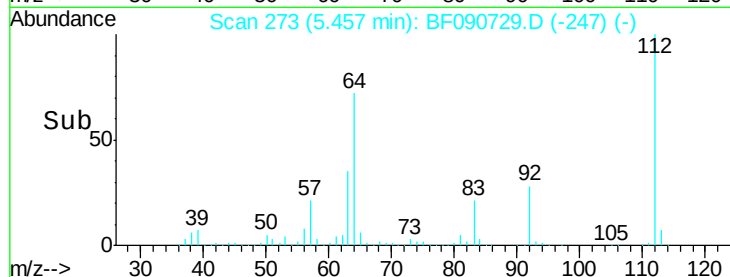
63 35.4 17.4 26.0#



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: 33.14 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090729.D

Acq: 22 Oct 2016 00:04

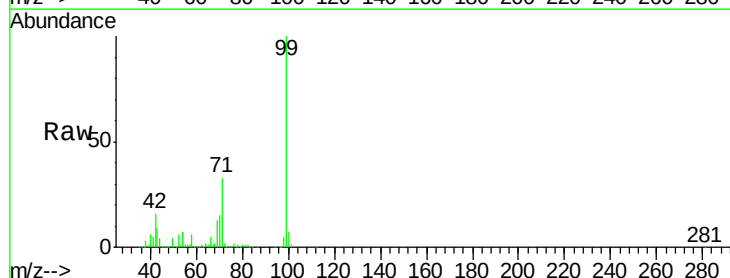
Tgt Ion: 99 Resp: 704259

Ion Ratio Lower Upper

99 100

42 16.2 13.7 20.5

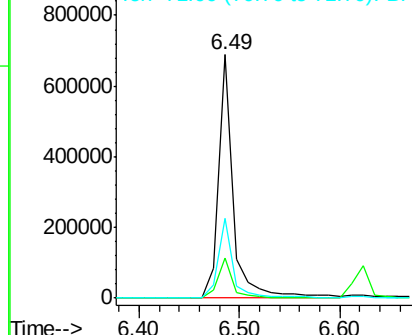
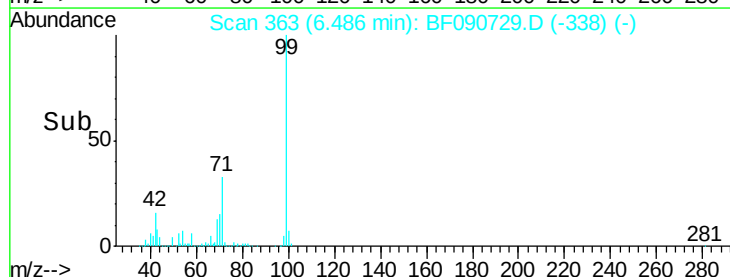
71 32.6 14.2 21.2#

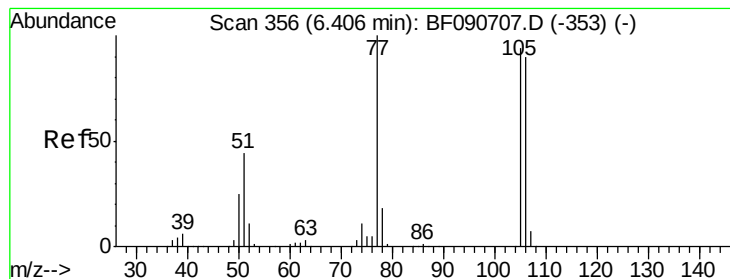


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 3.06 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.22 min

Lab File: BF090729.D

Acq: 22 Oct 2016 00:04

Instrument :

BNA_F

ClientSampleId :

MW-101I

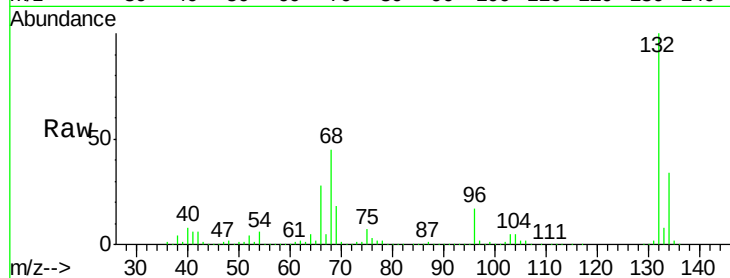
Tgt Ion: 77 Resp: 35522

Ion Ratio Lower Upper

77 100

105 77.6 91.6 131.6#

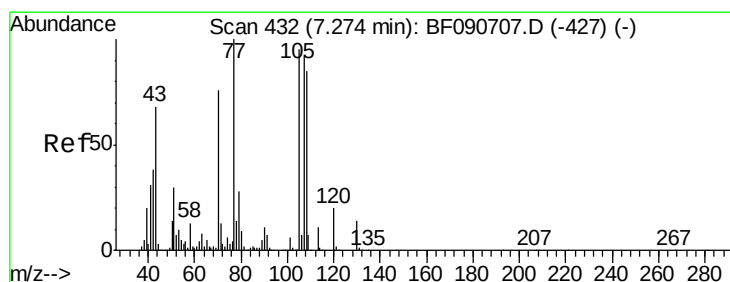
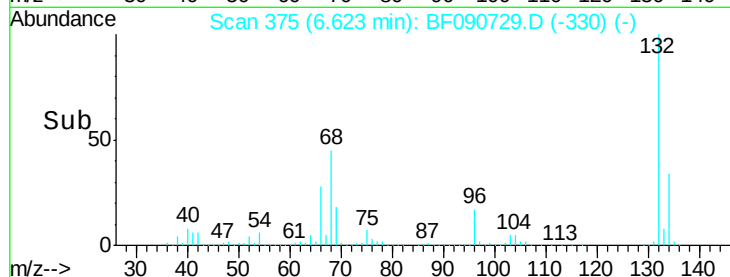
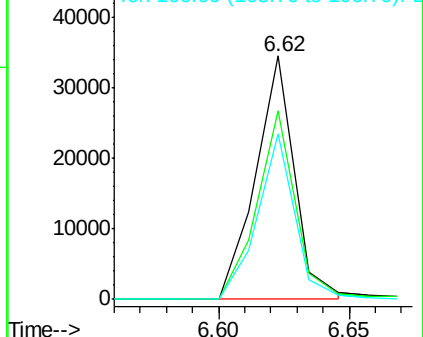
106 67.8 102.6 142.6#



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: 14.57 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090729.D

Acq: 22 Oct 2016 00:04

Tgt Ion: 70 Resp: 230592

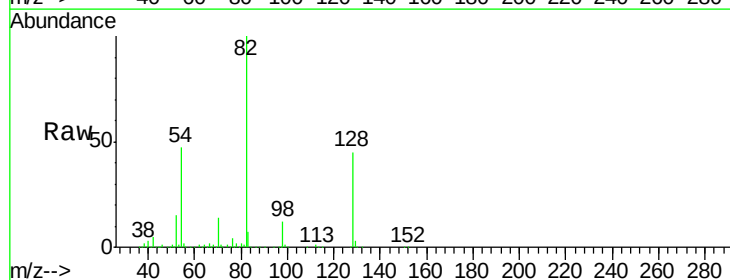
Ion Ratio Lower Upper

70 100

42 38.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

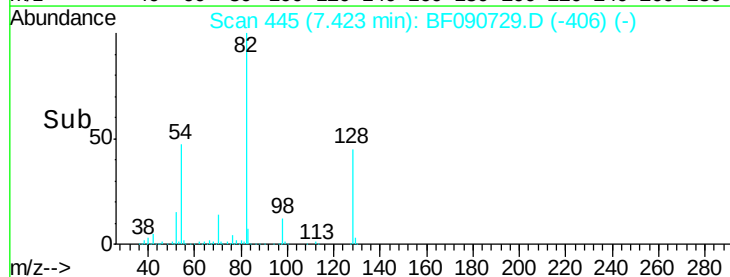
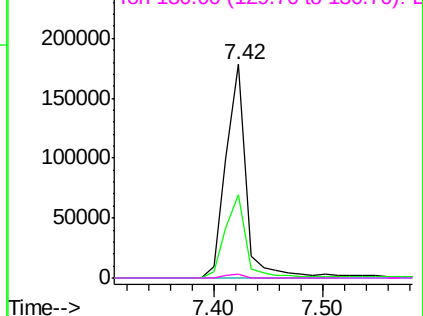


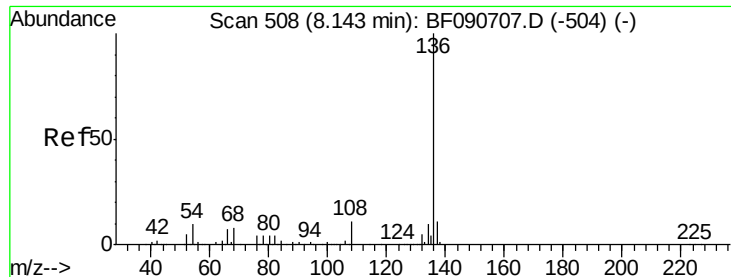
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

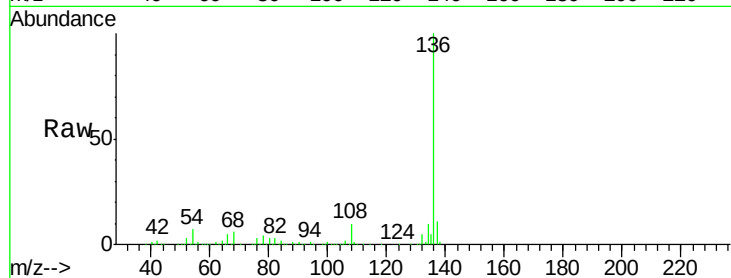




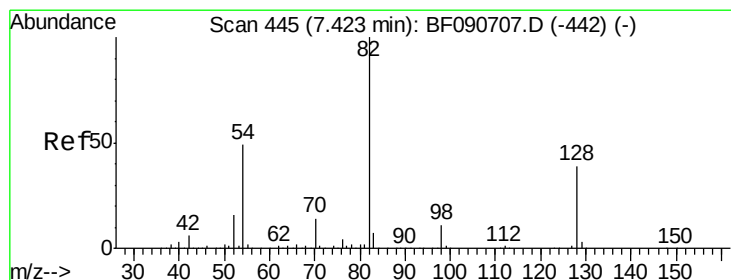
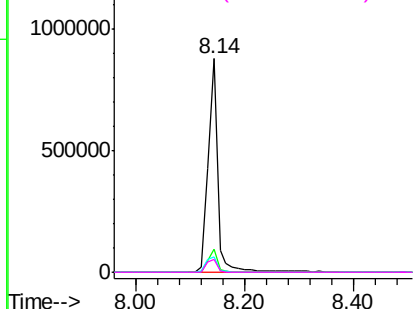
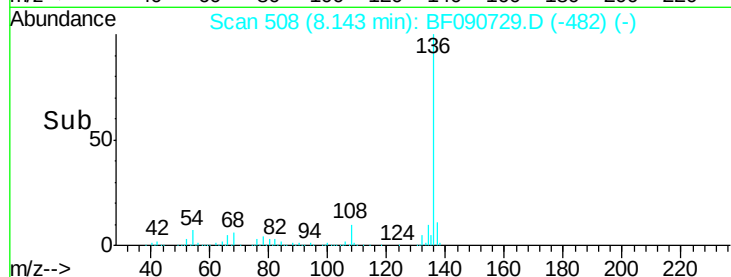
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090729.D
Acq: 22 Oct 2016 00:04

Instrument :
BNA_F
ClientSampleId :
MW-101I

Tgt Ion:136 Resp: 1071252
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.0 8.2 12.2#
68 6.3 5.8 8.6

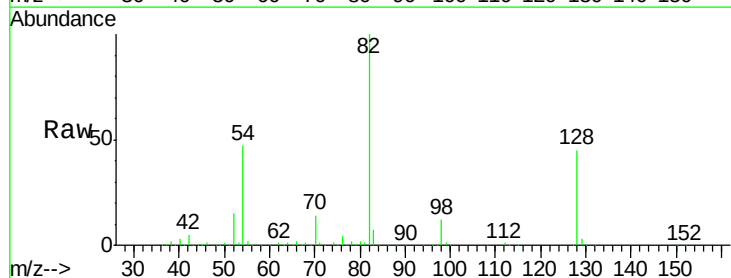


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

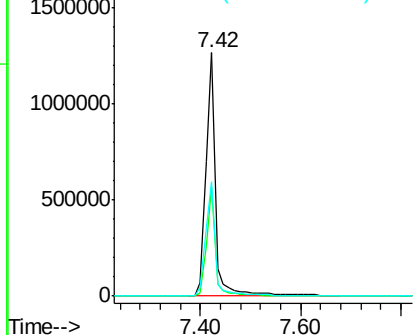
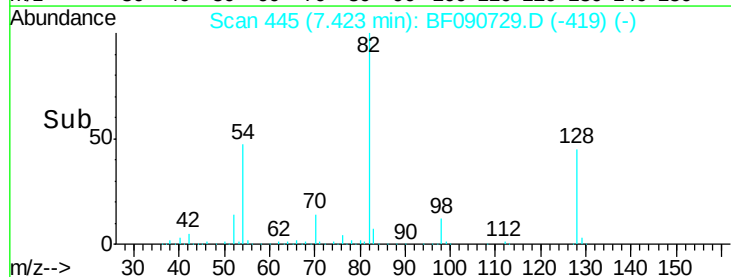


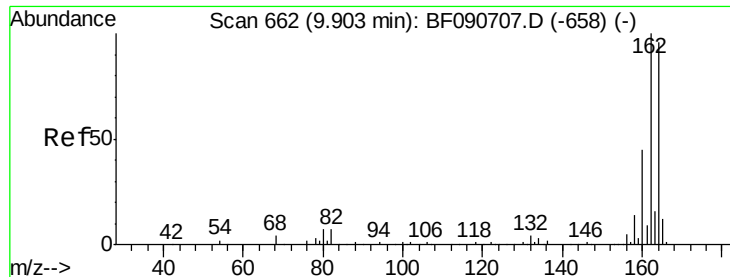
#23
Nitrobenzene-d5
Concen: 88.16 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090729.D
Acq: 22 Oct 2016 00:04

Tgt Ion: 82 Resp: 1721986
Ion Ratio Lower Upper
82 100
128 44.8 51.0 76.6#
54 47.1 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: BF090729.D

Acq: 22 Oct 2016 00:04

Instrument :

BNA_F

ClientSampleId :

MW-101I

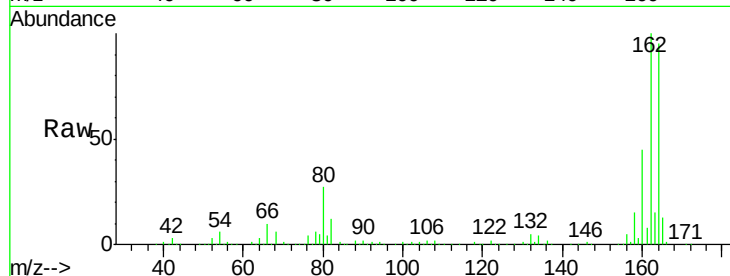
Tgt Ion:164 Resp: 541180

Ion Ratio Lower Upper

164 100

162 105.1 75.2 112.8

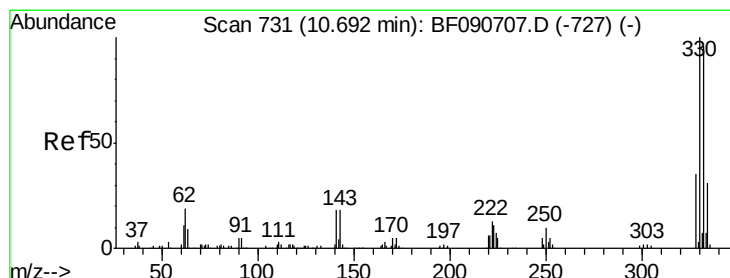
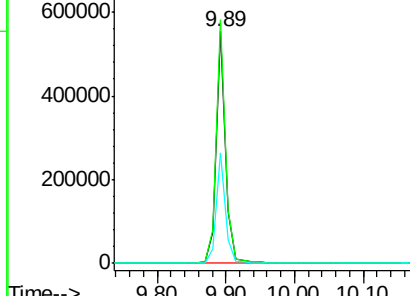
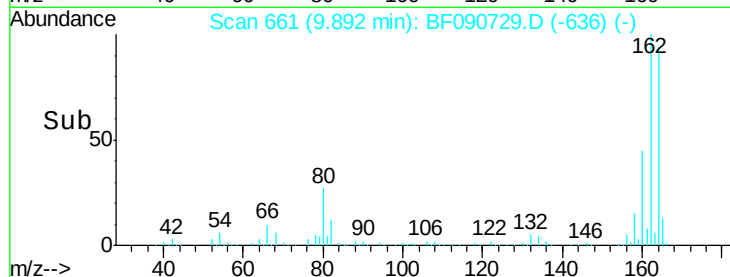
160 47.8 31.5 47.3#



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: 167.84 ng

RT: 10.69 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF090729.D

Acq: 22 Oct 2016 00:04

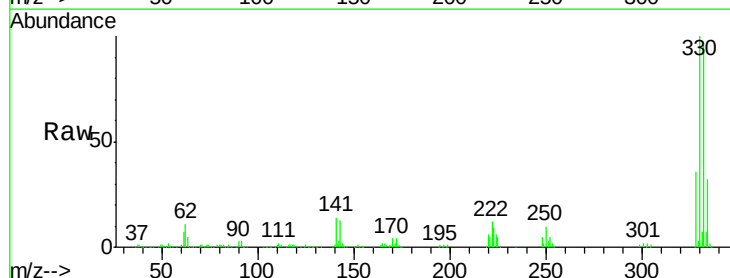
Tgt Ion:330 Resp: 718912

Ion Ratio Lower Upper

330 100

332 95.0 76.6 114.8

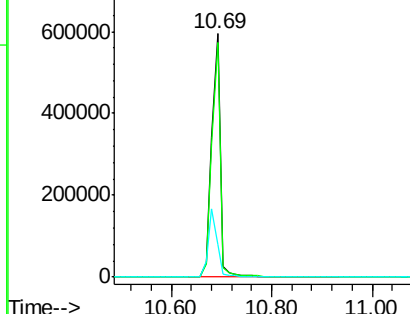
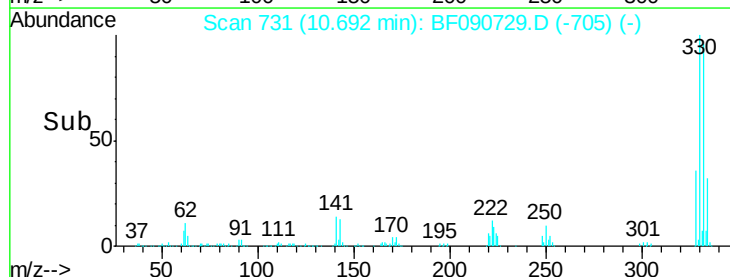
141 30.5 29.7 44.5

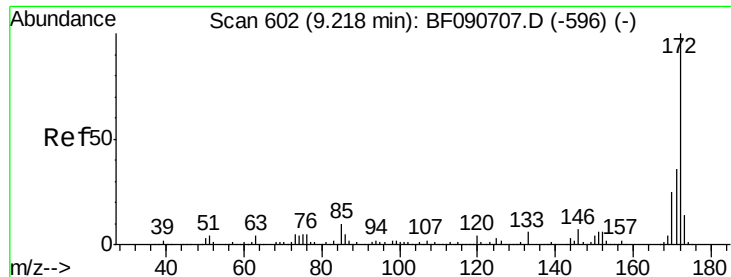


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

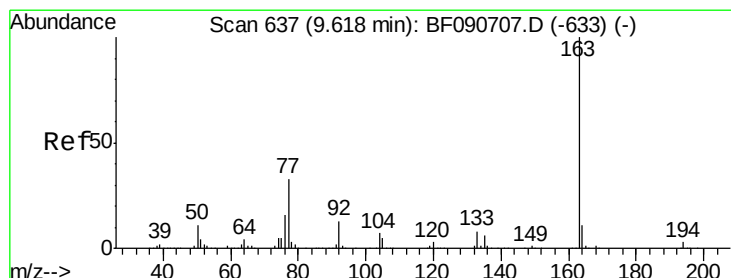
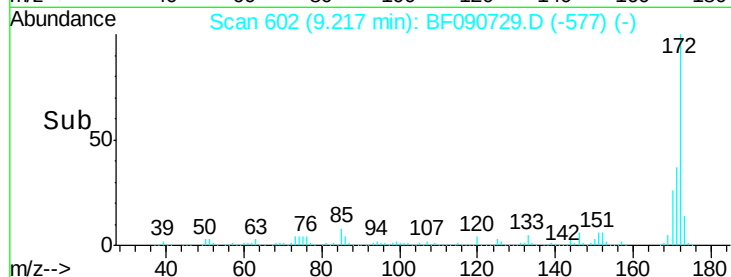
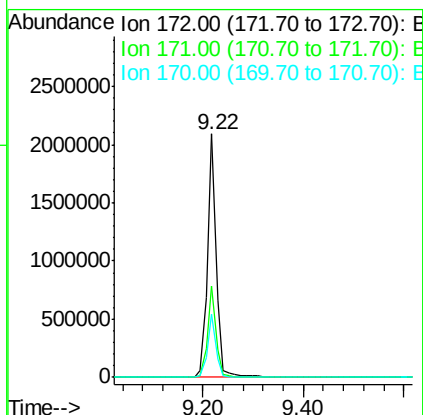
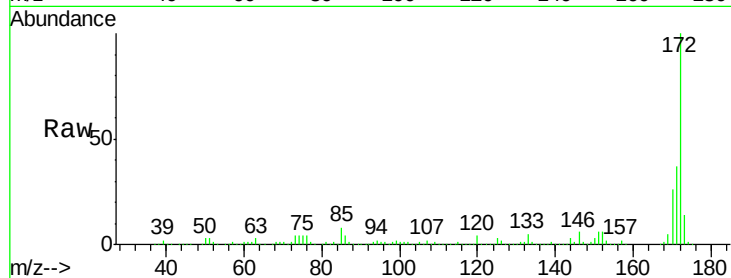




#44
 2-Fluorobiphenyl
 Concen: 73.51 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090729.D
 Acq: 22 Oct 2016 00:04

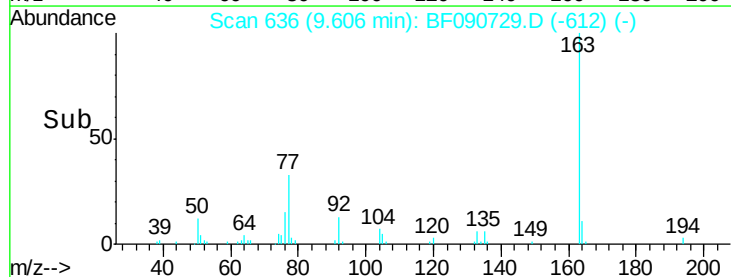
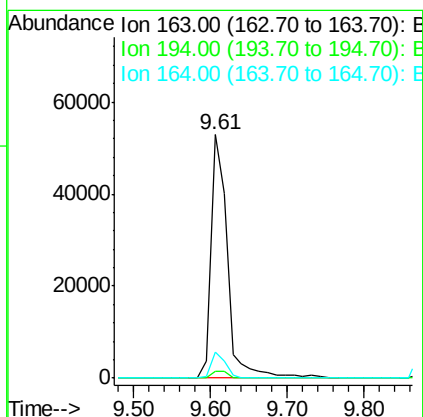
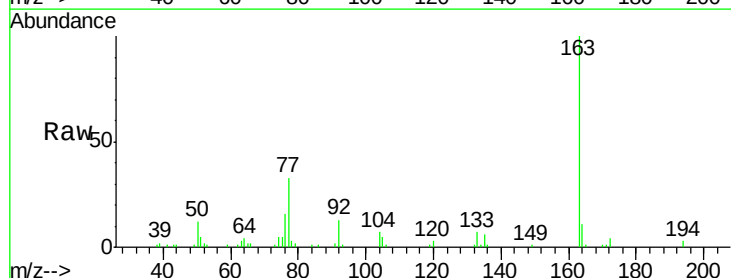
Instrument :
 BNA_F
 ClientSampled :
 MW-101I

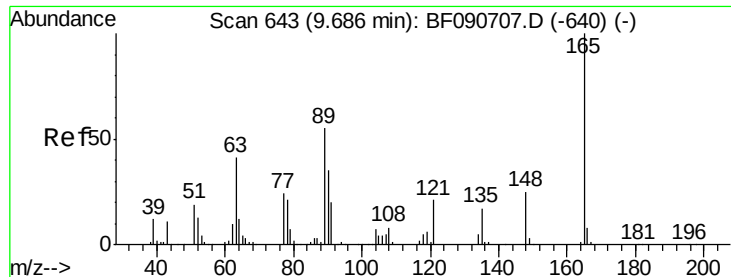
Tgt Ion:172 Resp: 2562719
 Ion Ratio Lower Upper
 172 100
 171 37.4 26.1 39.1
 170 25.8 17.4 26.2



#49
 Dimethylphthalate
 Concen: 2.28 ng
 RT: 9.61 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF090729.D
 Acq: 22 Oct 2016 00:04

Tgt Ion:163 Resp: 77647
 Ion Ratio Lower Upper
 163 100
 194 2.8 4.4 6.6#
 164 10.5 8.3 12.5

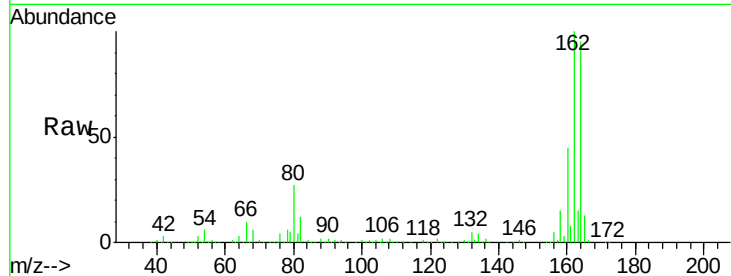




#50
2,6-Dinitrotoluene
Concen: 9.60 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.21 min
Lab File: BF090729.D
Acq: 22 Oct 2016 00:04

Instrument :
BNA_F
ClientSampleId :
MW-101I

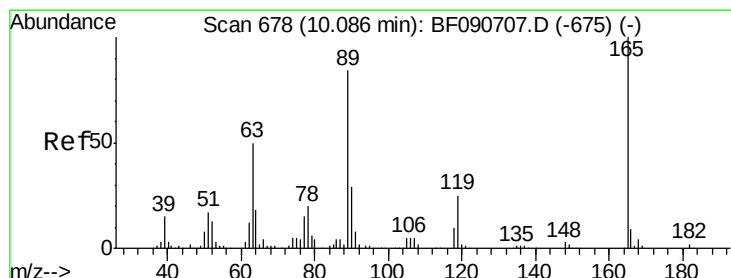
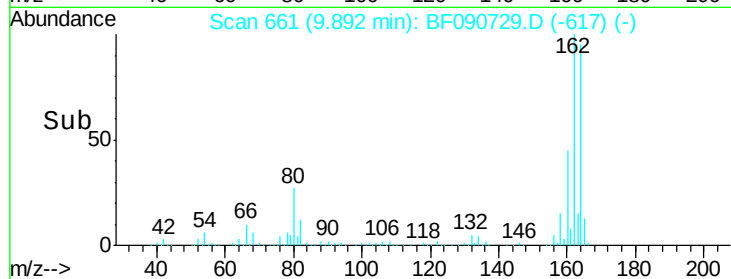
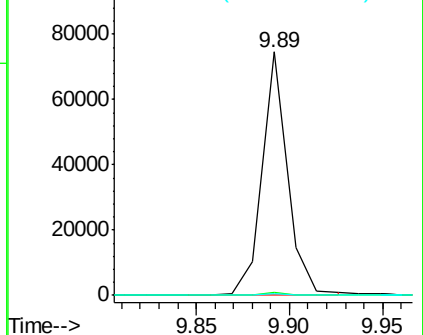
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.3	48.5#
89	1.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

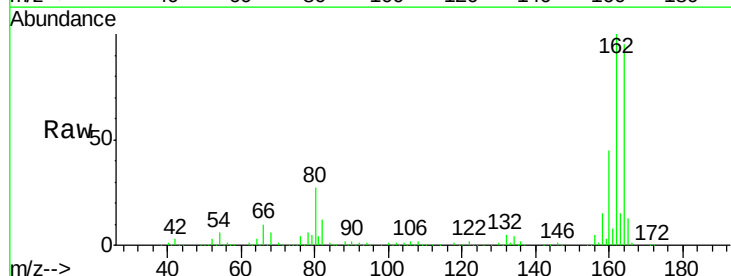
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 7.94 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090729.D
Acq: 22 Oct 2016 00:04

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

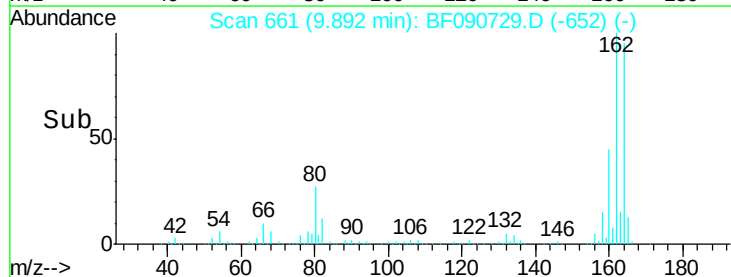
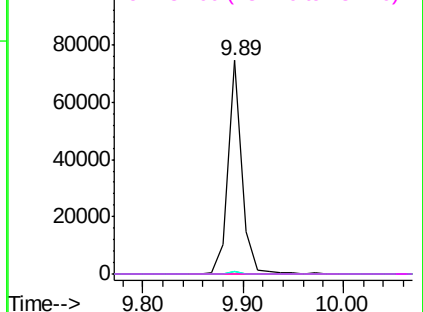


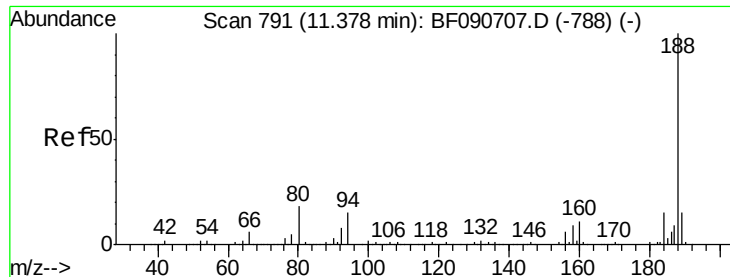
Abundance Ion 165.00 (164.70 to 165.70): E

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

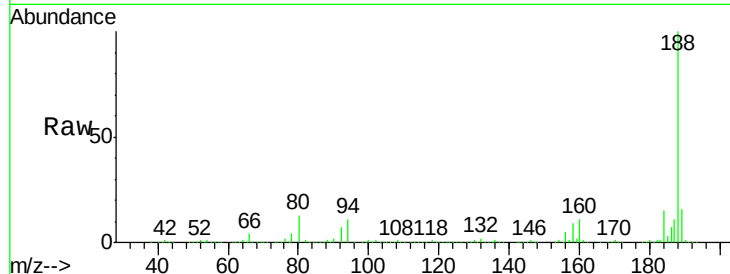




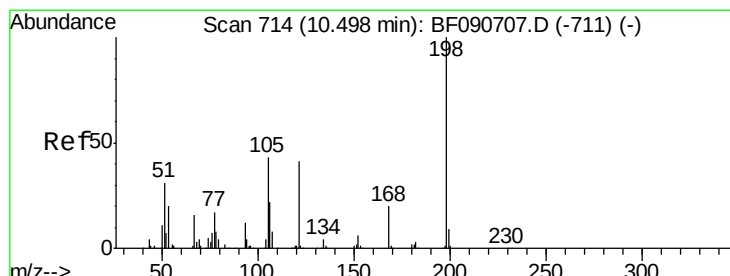
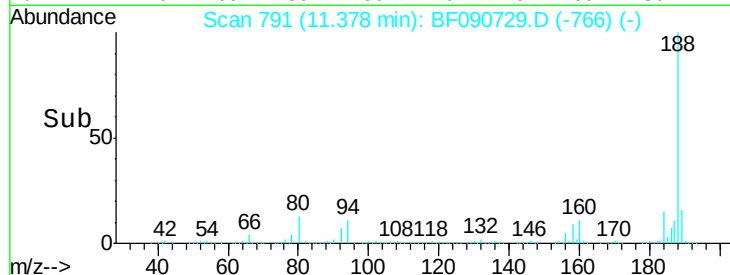
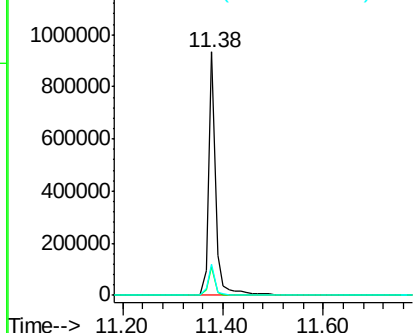
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090729.D
 Acq: 22 Oct 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Tgt Ion:188 Resp: 917947
 Ion Ratio Lower Upper
 188 100
 94 11.5 11.1 16.7
 80 12.6 11.0 16.4

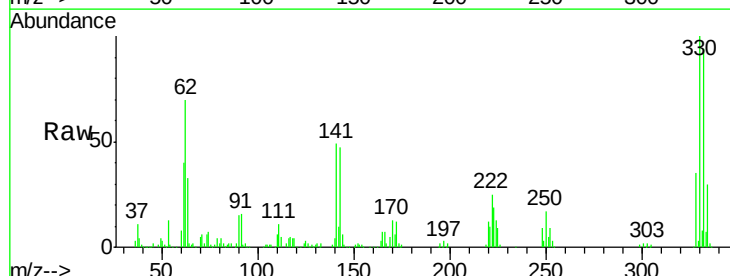


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

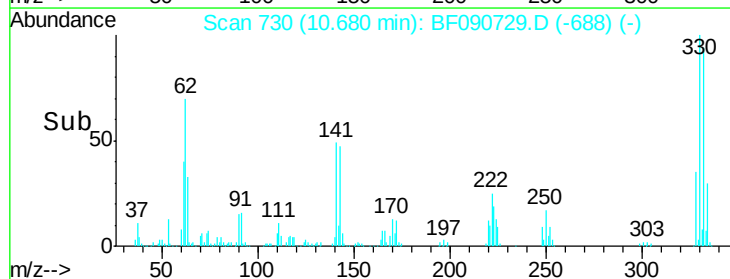
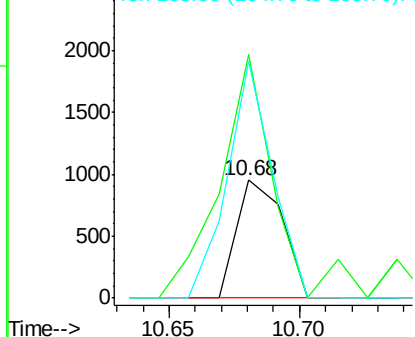


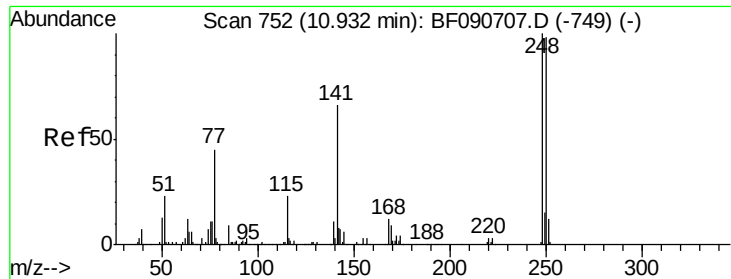
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.36 ng
 RT: 10.68 min Scan# 730
 Delta R.T. 0.18 min
 Lab File: BF090729.D
 Acq: 22 Oct 2016 00:04

Tgt Ion:198 Resp: 1171
 Ion Ratio Lower Upper
 198 100
 51 206.8 39.6 79.6#
 105 202.0 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

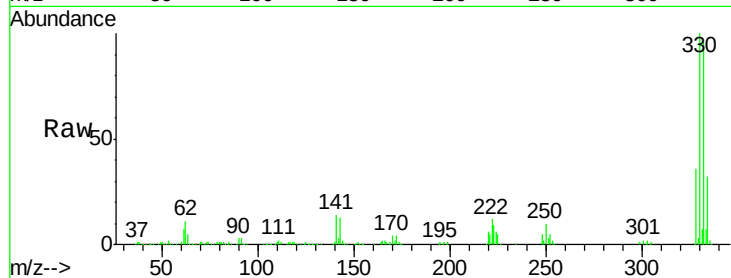




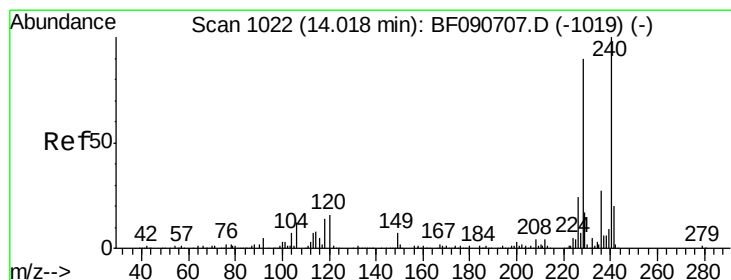
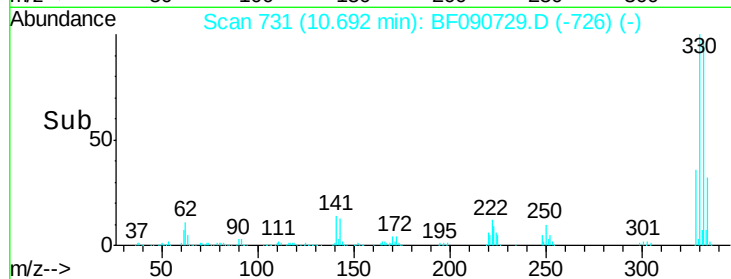
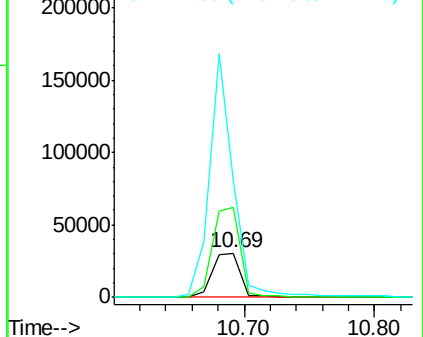
#66
 4-Bromophenyl-phenylether
 Concen: 5.18 ng
 RT: 10.69 min Scan# 731
 Delta R.T. -0.24 min
 Lab File: BF090729.D
 Acq: 22 Oct 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Tgt Ion:248 Resp: 46125
 Ion Ratio Lower Upper
 248 100
 250 204.9 78.5 117.7#
 141 265.1 59.0 88.6#

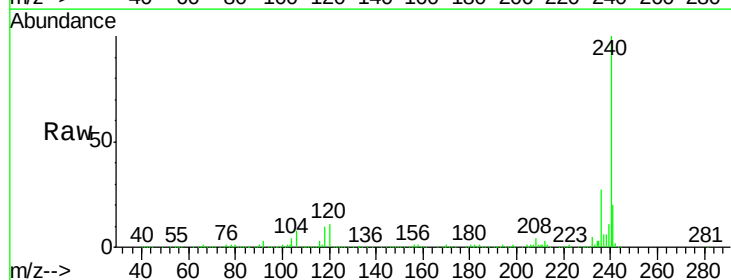


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

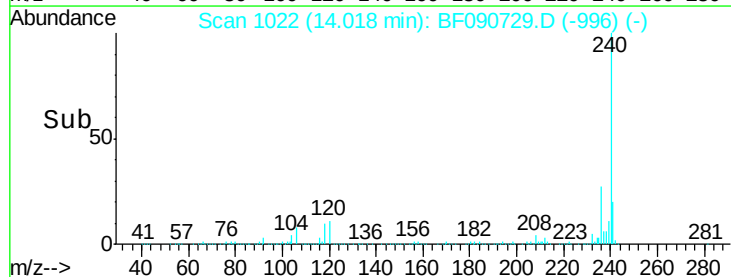
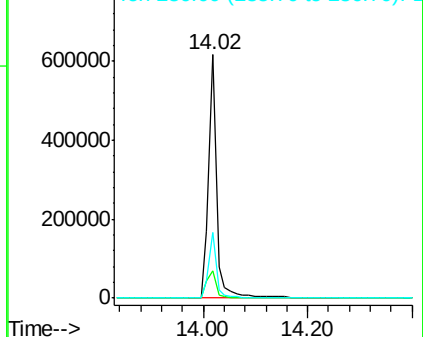


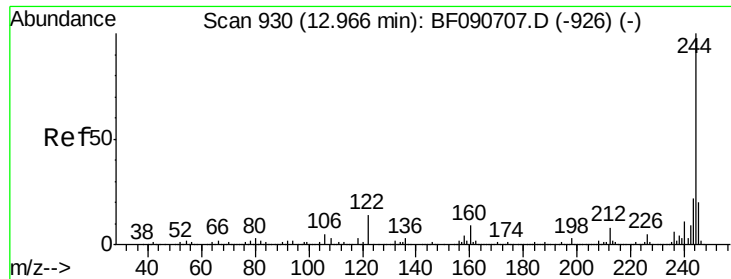
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF090729.D
 Acq: 22 Oct 2016 00:04

Tgt Ion:240 Resp: 671177
 Ion Ratio Lower Upper
 240 100
 120 11.1 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

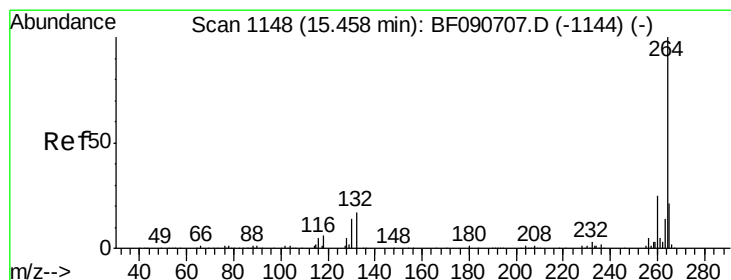
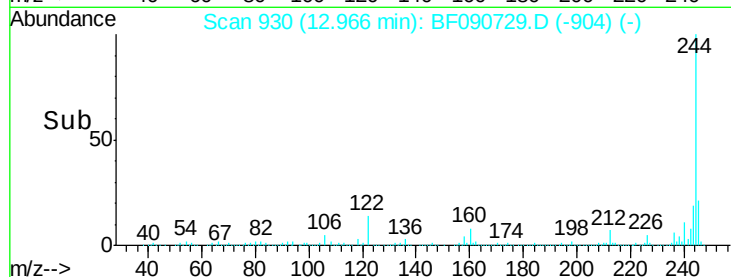
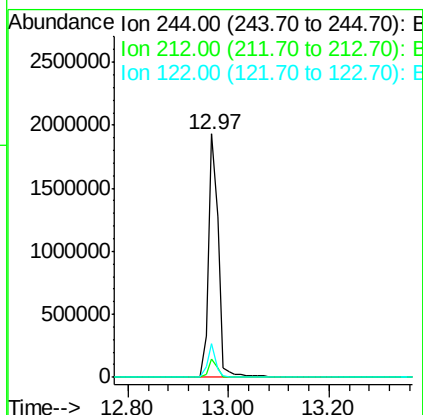
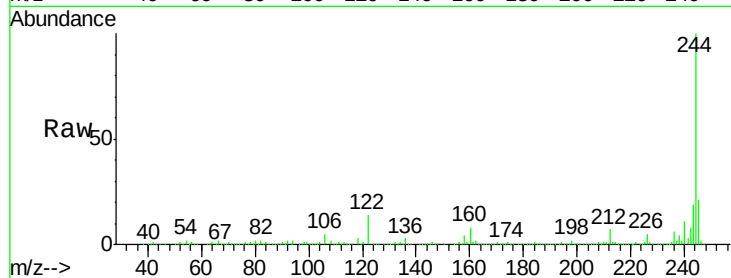




#78
 Terphenyl-d14
 Concen: 89.02 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090729.D
 Acq: 22 Oct 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Tgt Ion:244 Resp: 2606987
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 13.7 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: BF090729.D
 Acq: 22 Oct 2016 00:04

Tgt Ion:264 Resp: 439990
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 21.7 17.2 25.8

