

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091422.D
 Acq On : 5 Dec 2016 17:14
 Operator : UM/SJ
 Sample : H5838-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Dec 06 00:06:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

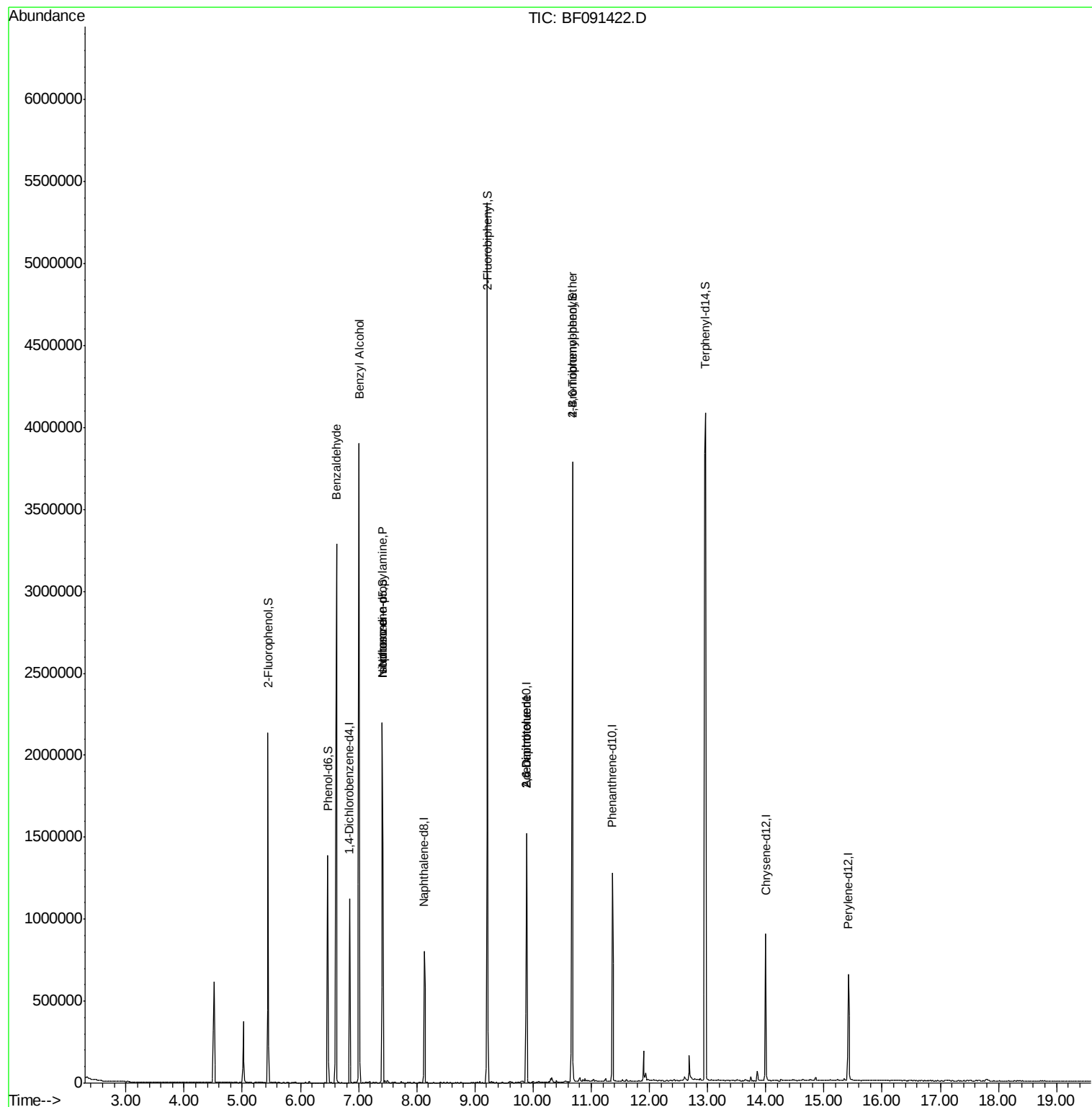
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	145890	20.00	ng	-0.03
21) Naphthalene-d8	8.13	136	479532	20.00	ng	-0.04
38) Acenaphthene-d10	9.89	164	336272	20.00	ng	-0.03
63) Phenanthrene-d10	11.36	188	573330	20.00	ng	-0.04
75) Chrysene-d12	14.00	240	464456	20.00	ng	-0.04
86) Perylene-d12	15.42	264	335362	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	482822	54.06	ng	-0.03
7) Phenol-d6	6.47	99	373148	33.94	ng	-0.03
23) Nitrobenzene-d5	7.41	82	945177	110.46	ng	-0.04
41) 2,4,6-Tribromophenol	10.68	330	498198	156.49	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	1639769	88.29	ng	-0.03
78) Terphenyl-d14	12.96	244	2025941	94.81	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	24078	3.41	ng	95
15) Benzyl Alcohol	7.01	79	17968	2.04	ng	# 39
19) n-Nitroso-di-n-propylamine	7.41	70	128704	18.58	ng	# 73
25) Isophorone	7.41	82	816066	53.83	ng	# 67
50) 2,6-Dinitrotoluene	9.89	165	43632	9.59	ng	# 16
56) 2,4-Dinitrotoluene	9.89	165	43634	7.39	ng	# 33
66) 4-Bromophenyl-phenylether	10.68	248	34293	5.56	ng	# 1

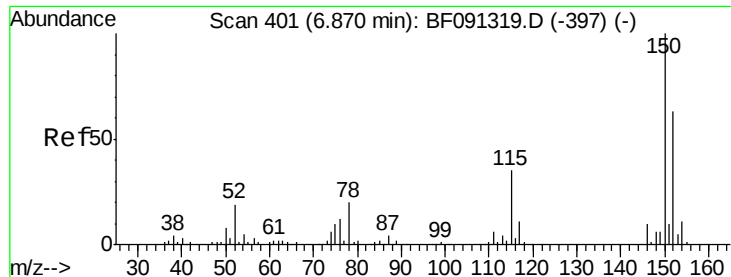
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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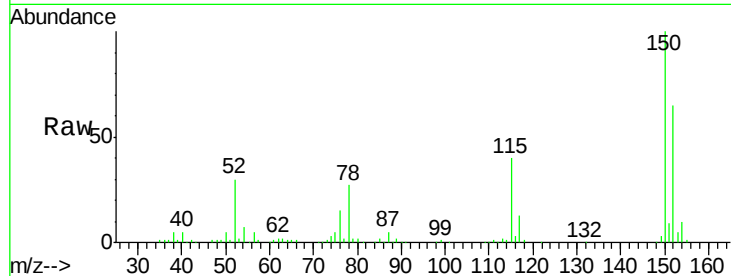




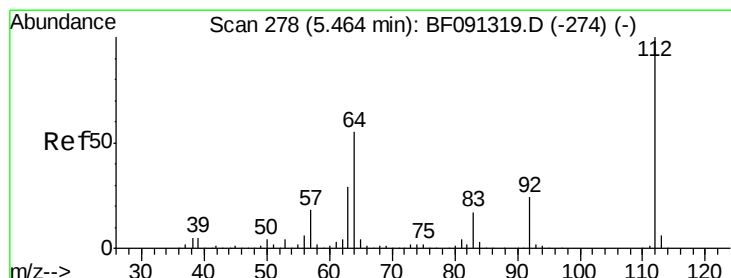
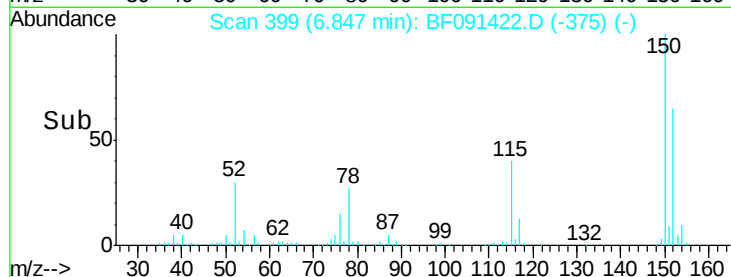
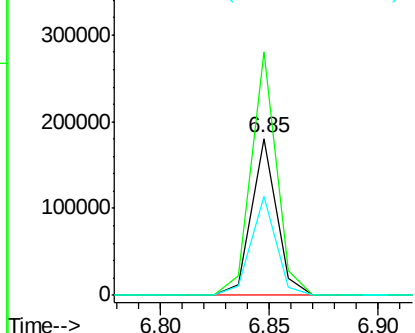
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.03 min
 Lab File: BF091422.D
 Acq: 5 Dec 2016 17:14

Instrument :
 BNA_F
 ClientSampled :
 MW-3

Tgt Ion:152 Resp: 145890
 Ion Ratio Lower Upper
 152 100
 150 154.9 122.5 183.7
 115 62.7 51.8 77.8

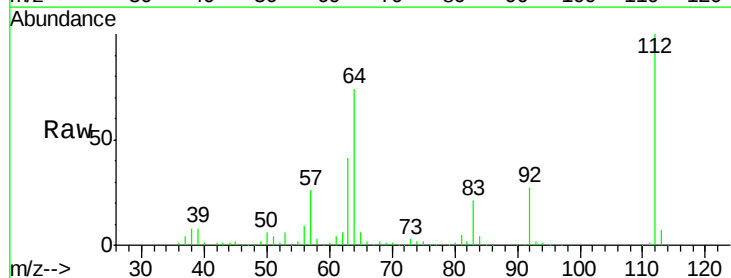


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

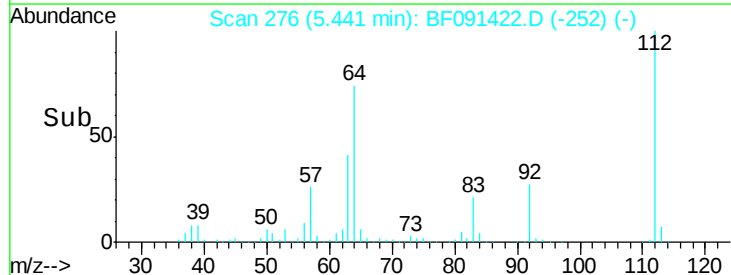
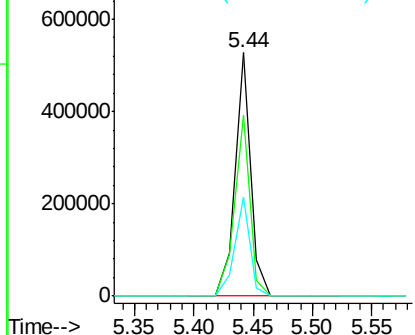


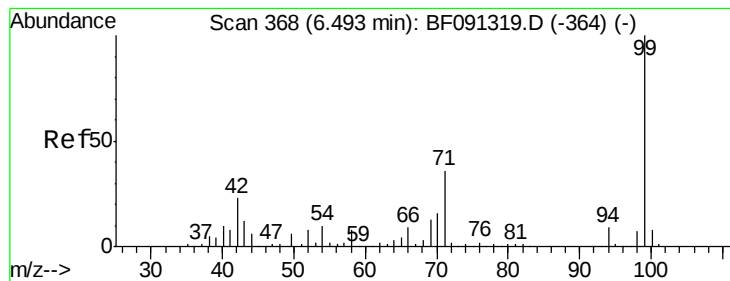
#5
 2-Fluorophenol
 Concen: 54.06 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.03 min
 Lab File: BF091422.D
 Acq: 5 Dec 2016 17:14

Tgt Ion:112 Resp: 482822
 Ion Ratio Lower Upper
 112 100
 64 74.5 61.5 92.3
 63 40.8 33.3 49.9



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: 33.94 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091422.D

Acq: 5 Dec 2016 17:14

Instrument :

BNA_F

ClientSampleId :

MW-3

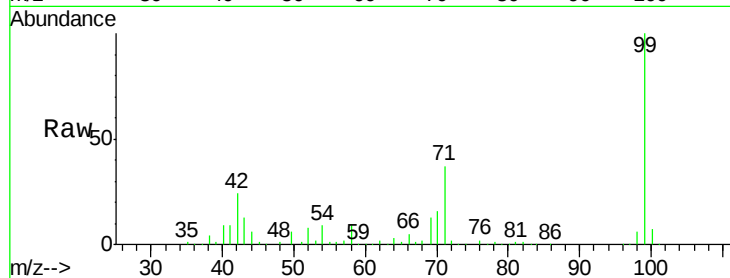
Tgt Ion: 99 Resp: 373148

Ion Ratio Lower Upper

99 100

42 24.1 20.6 31.0

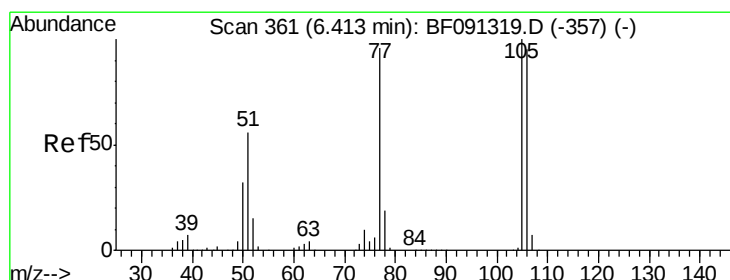
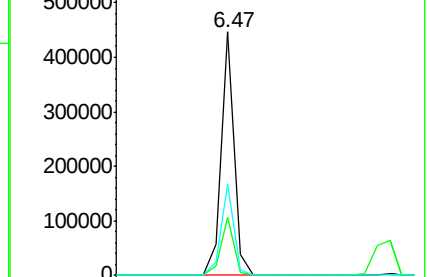
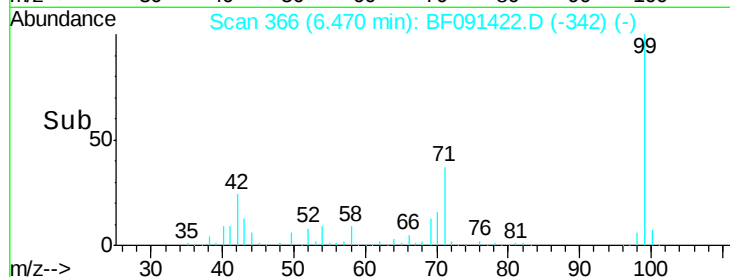
71 37.4 29.9 44.9



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: 3.41 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.20 min

Lab File: BF091422.D

Acq: 5 Dec 2016 17:14

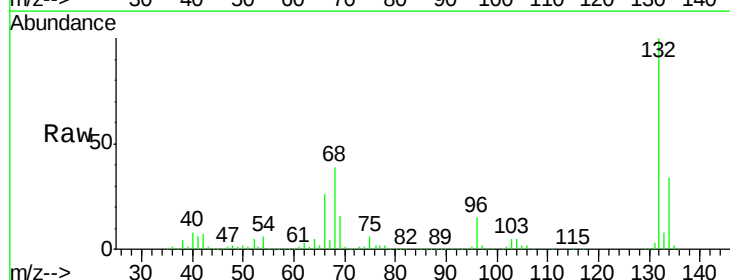
Tgt Ion: 77 Resp: 24078

Ion Ratio Lower Upper

77 100

105 82.9 66.4 106.4

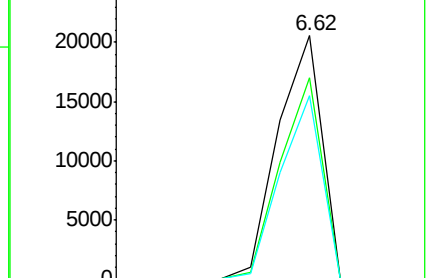
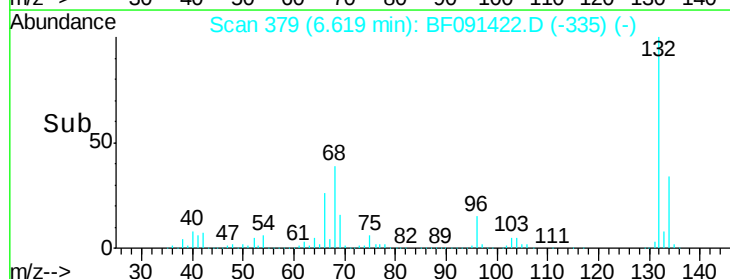
106 75.4 60.9 100.9

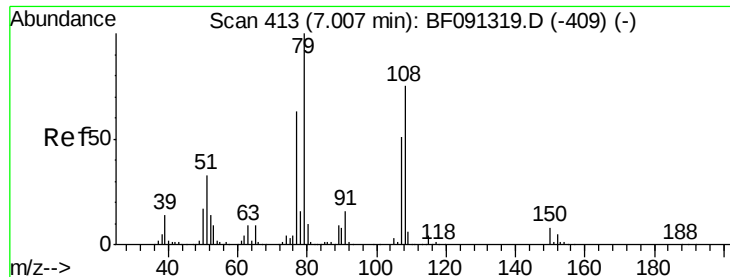


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091422.D

Acq: 5 Dec 2016 17:14

Instrument :

BNA_F

ClientSampleId :

MW-3

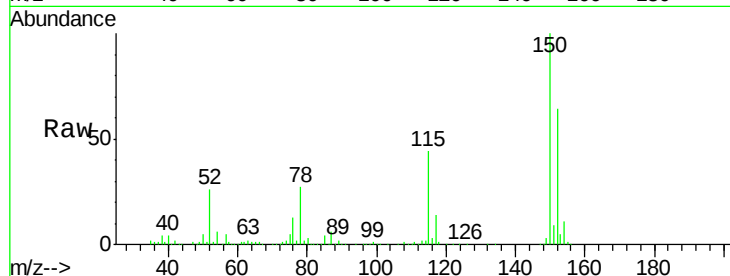
Tgt Ion: 79 Resp: 17968

Ion Ratio Lower Upper

79 100

108 27.7 62.7 94.1#

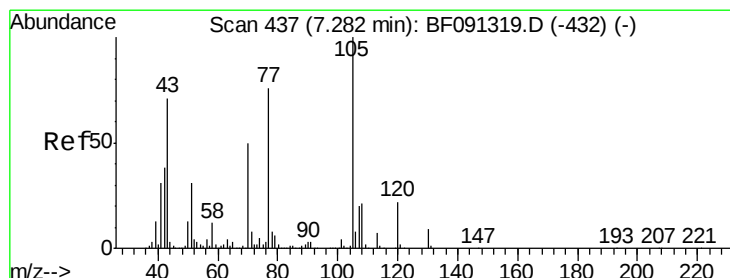
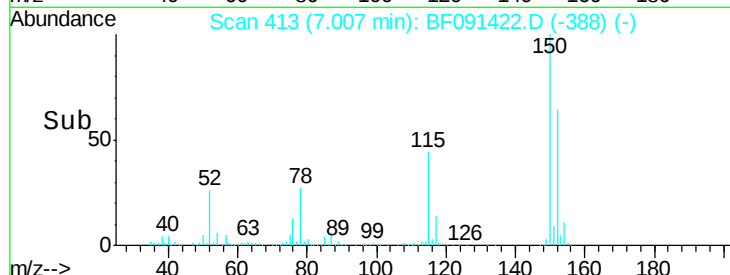
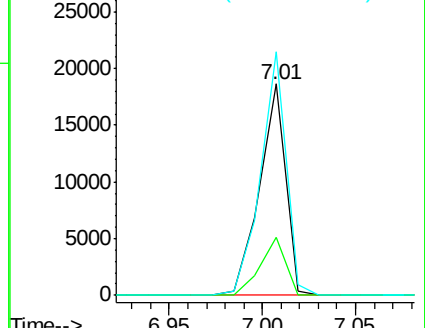
77 115.4 51.7 77.5#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.58 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.11 min

Lab File: BF091422.D

Acq: 5 Dec 2016 17:14

Tgt Ion: 70 Resp: 128704

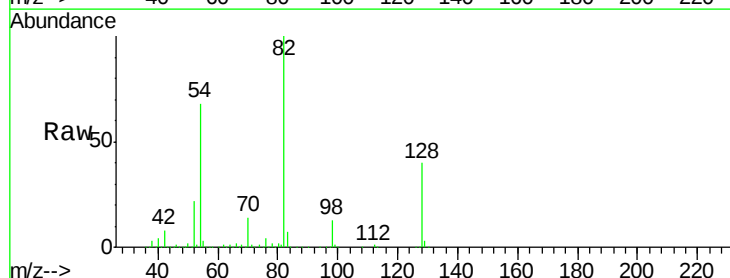
Ion Ratio Lower Upper

70 100

42 57.5 64.8 97.2#

101 0.0 6.2 9.4#

130 1.9 11.7 17.5#

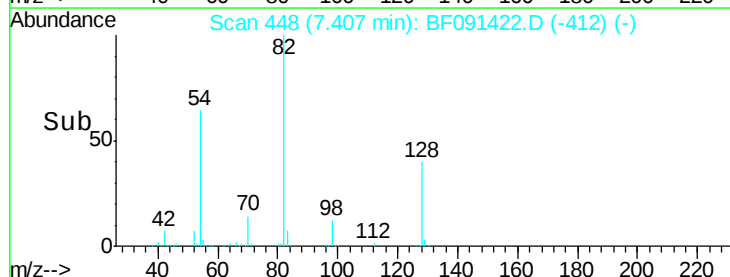
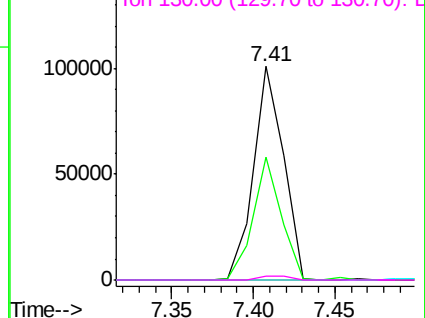


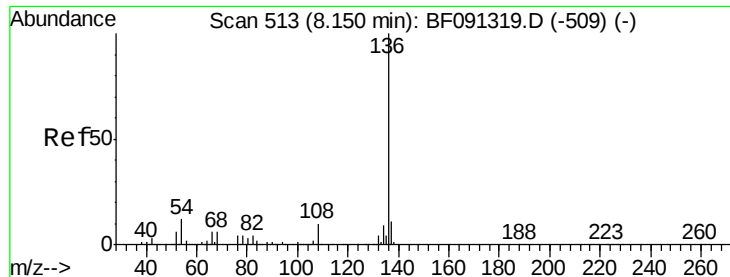
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.04 min

Lab File: BF091422.D

Acq: 5 Dec 2016 17:14

Instrument :

BNA_F

ClientSampled :

MW-3

Tgt Ion:136 Resp: 479532

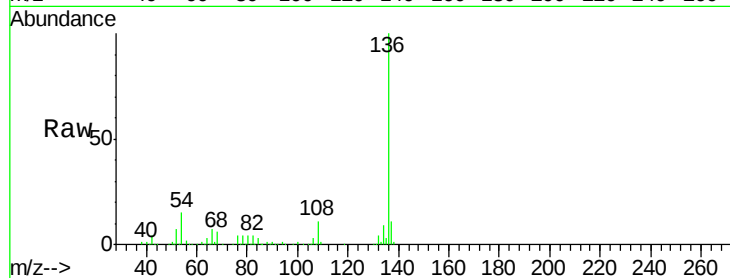
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 14.8 9.1 13.7#

68 6.4 5.9 8.9

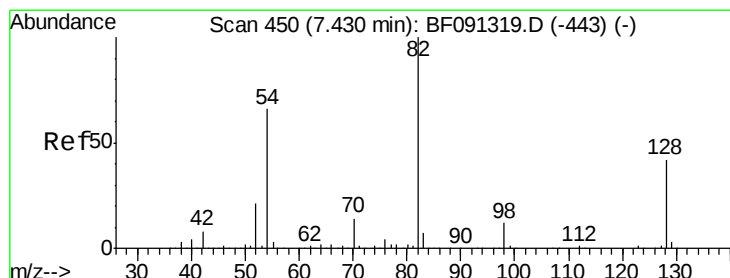
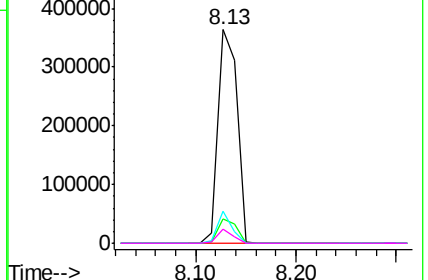
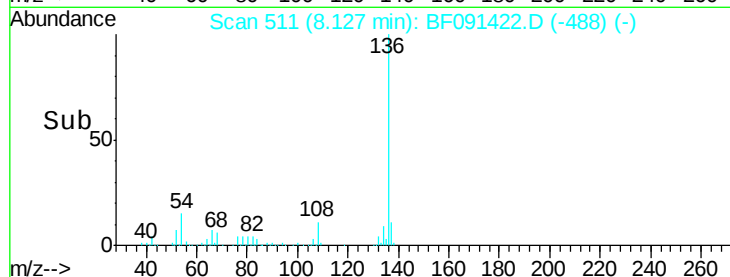


Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.46 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.04 min

Lab File: BF091422.D

Acq: 5 Dec 2016 17:14

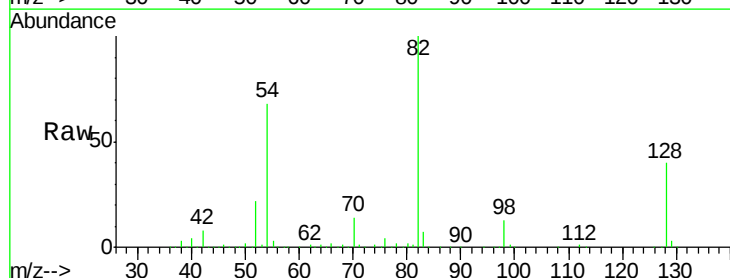
Tgt Ion: 82 Resp: 945177

Ion Ratio Lower Upper

82 100

128 39.9 31.8 47.6

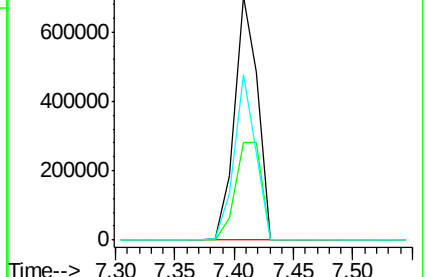
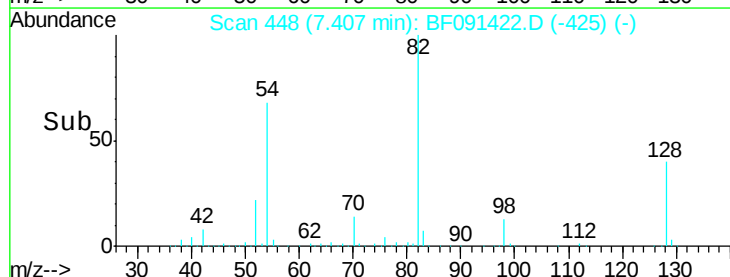
54 67.8 49.1 73.7

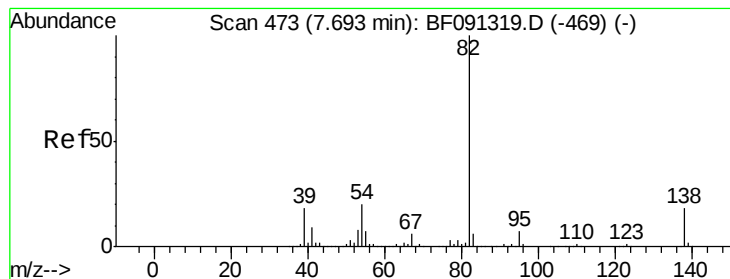


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 53.83 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.30 min

Lab File: BF091422.D

Acq: 5 Dec 2016 17:14

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MW-3

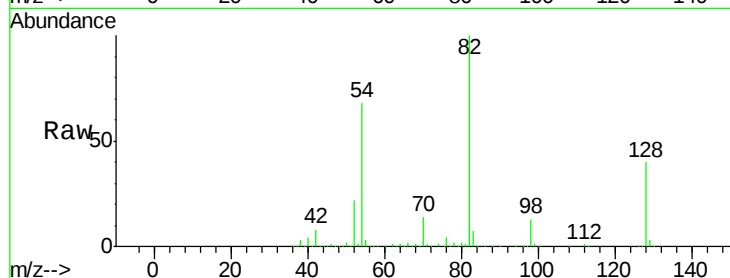
Tgt Ion: 82 Resp: 816066

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

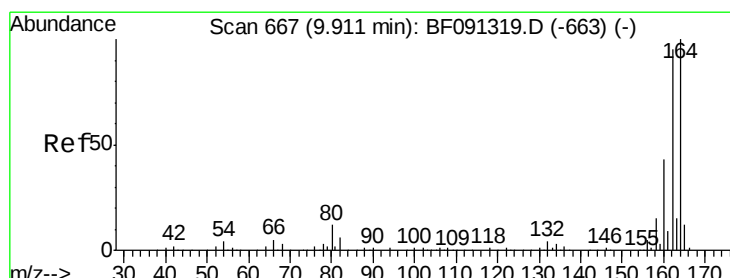
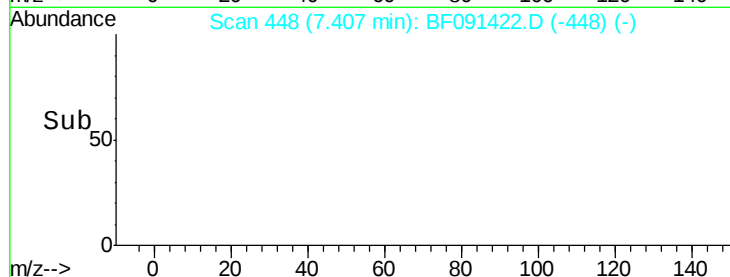
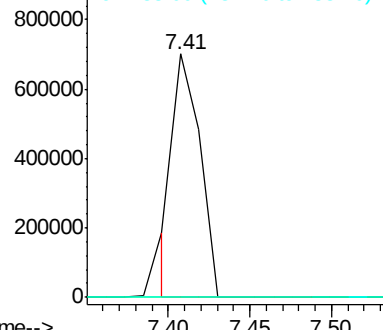
138 0.0 13.4 20.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF091422.D

Acq: 5 Dec 2016 17:14

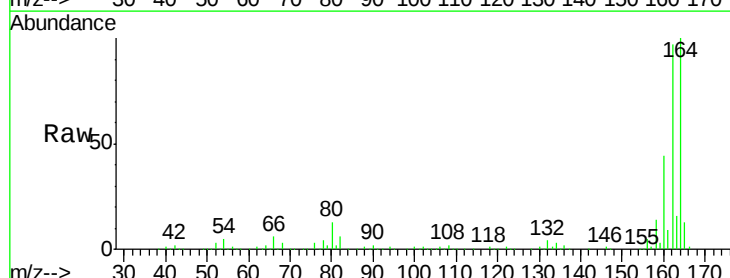
Tgt Ion: 164 Resp: 336272

Ion Ratio Lower Upper

164 100

162 96.6 82.6 124.0

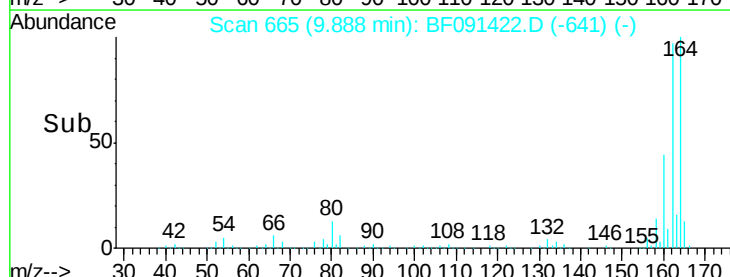
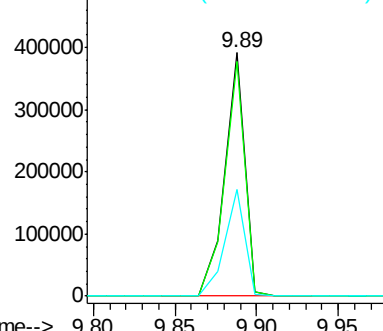
160 43.7 36.7 55.1

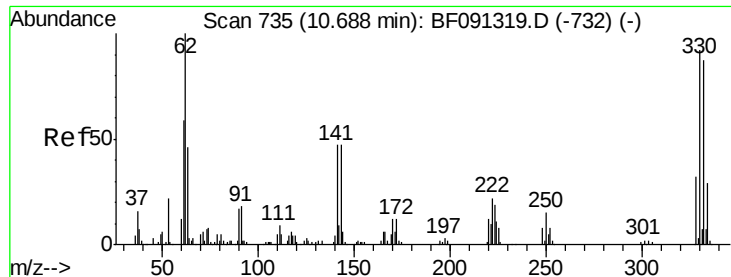


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

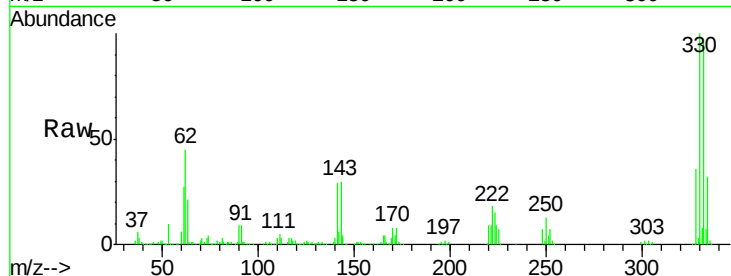




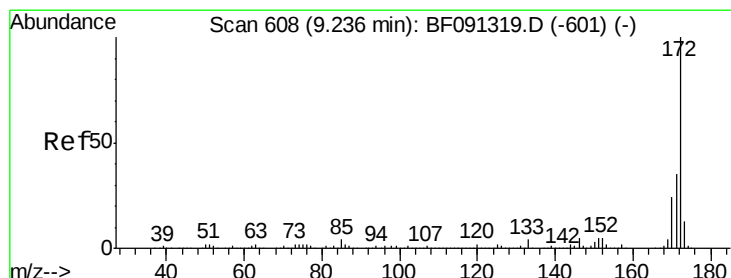
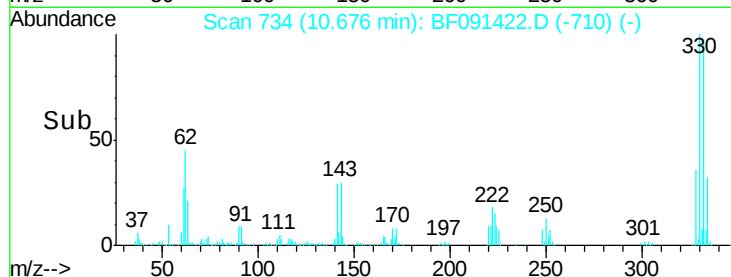
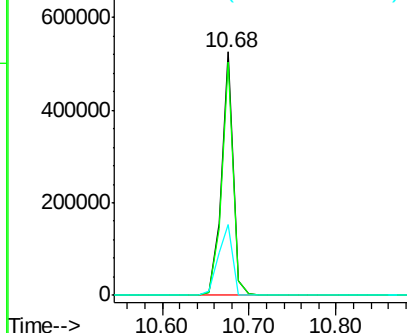
#41
 2,4,6-Tribromophenol
 Concen: 156.49 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.03 min
 Lab File: BF091422.D
 Acq: 5 Dec 2016 17:14

Instrument :
 BNA_F
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 MW-3

Tgt Ion:330 Resp: 498198
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.4
 141 35.2 33.6 50.4

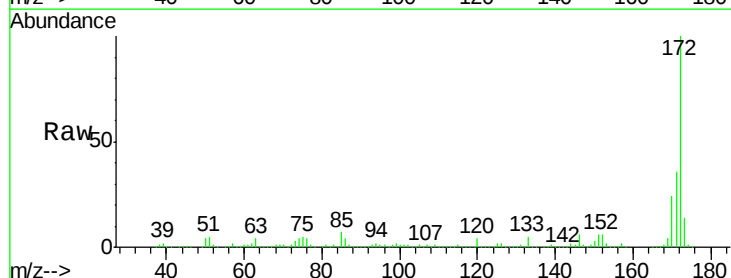


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

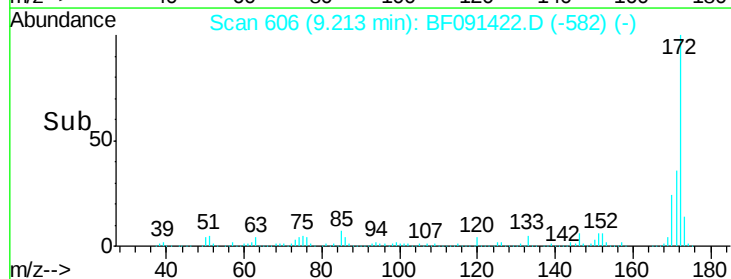
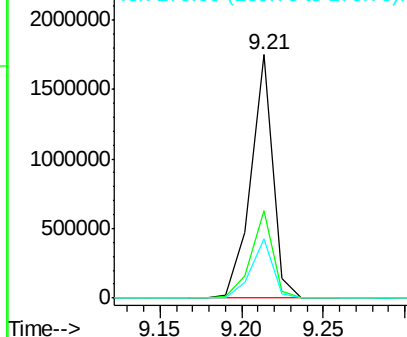


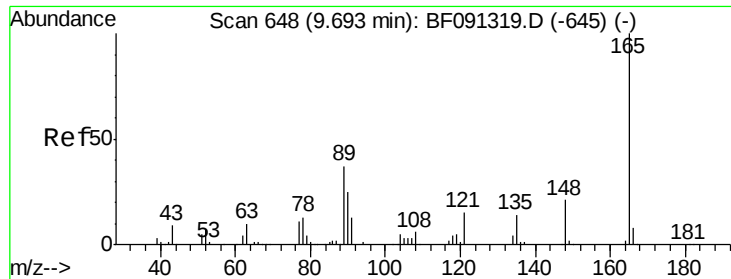
#44
 2-Fluorobiphenyl
 Concen: 88.29 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF091422.D
 Acq: 5 Dec 2016 17:14

Tgt Ion:172 Resp: 1639769
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.4 19.7 29.5



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

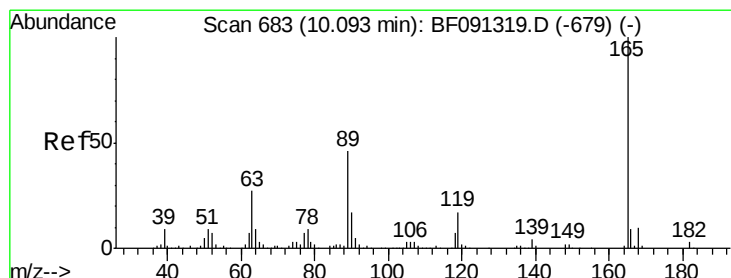
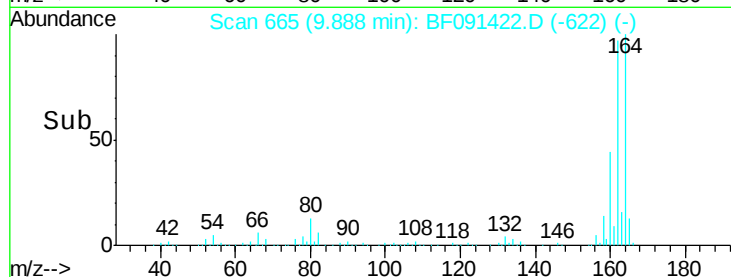
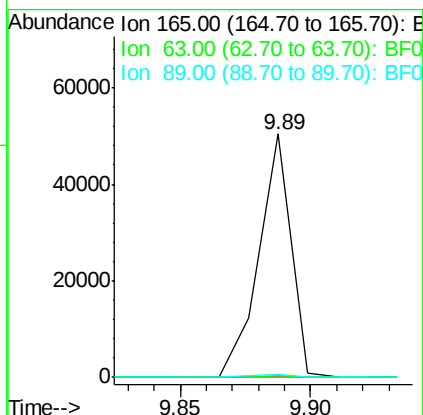
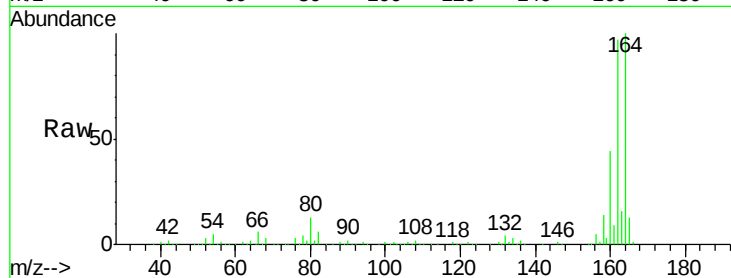




#50
 2,6-Dinitrotoluene
 Concen: 9.59 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.19 min
 Lab File: BF091422.D
 Acq: 5 Dec 2016 17:14

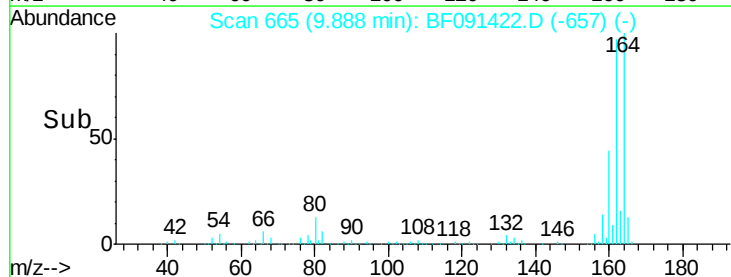
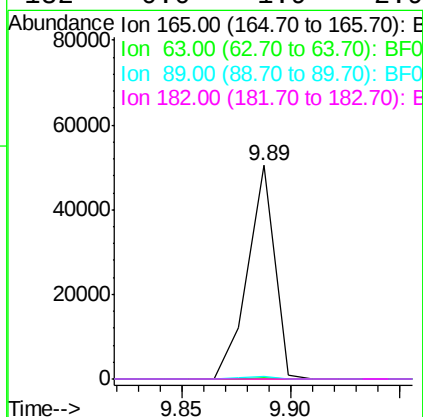
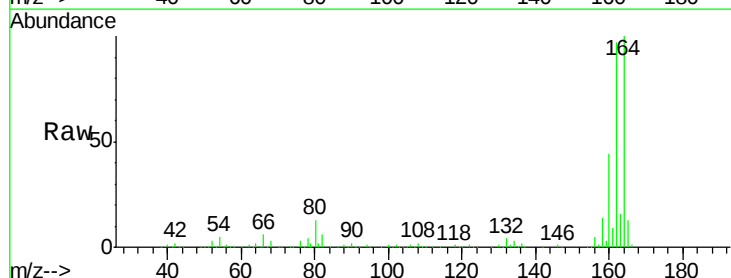
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

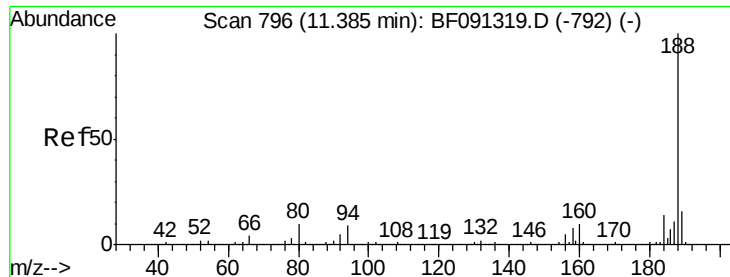
Tgt Ion:165 Resp: 43632
 Ion Ratio Lower Upper
 165 100
 63 0.6 59.4 89.0#
 89 1.2 50.8 76.2#



#56
 2,4-Dinitrotoluene
 Concen: 7.39 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF091422.D
 Acq: 5 Dec 2016 17:14

Tgt Ion:165 Resp: 43634
 Ion Ratio Lower Upper
 165 100
 63 0.6 29.0 43.4#
 89 1.2 43.1 64.7#
 182 0.0 1.9 2.9#

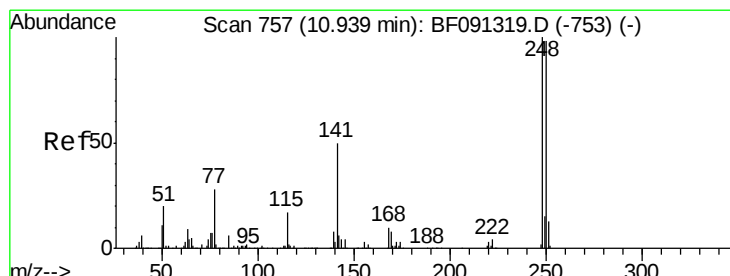
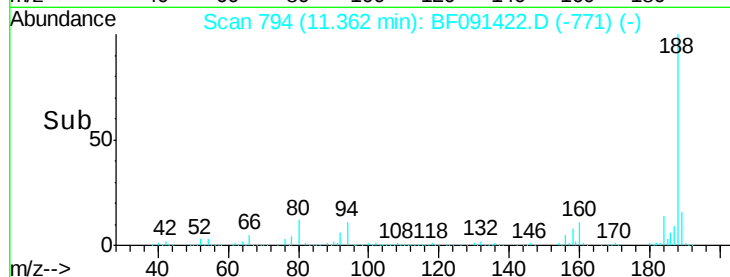
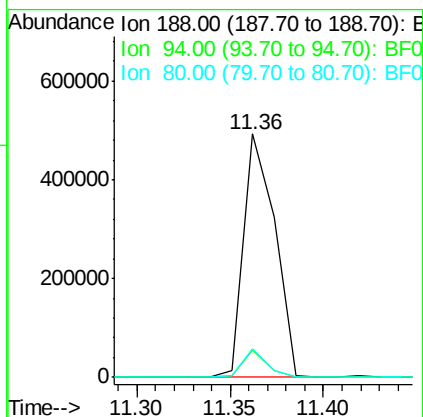
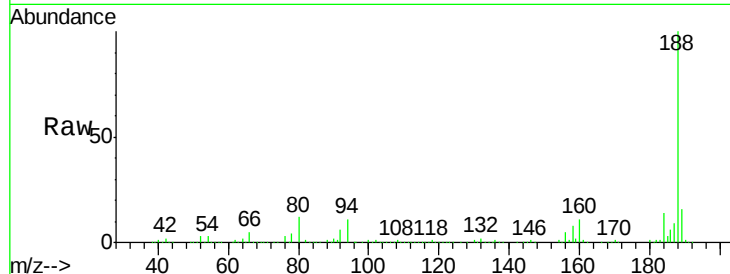




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.04 min
Lab File: BF091422.D
Acq: 5 Dec 2016 17:14

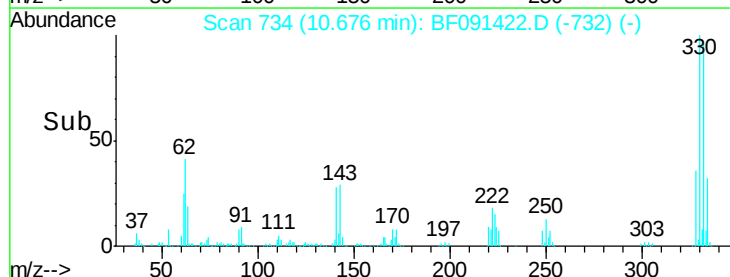
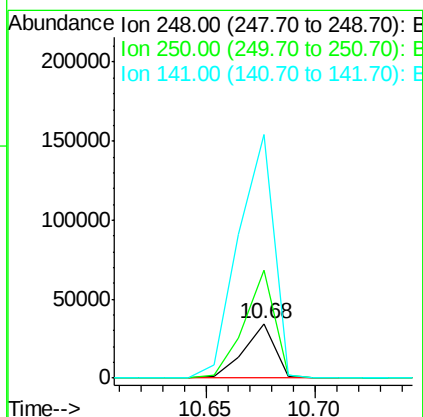
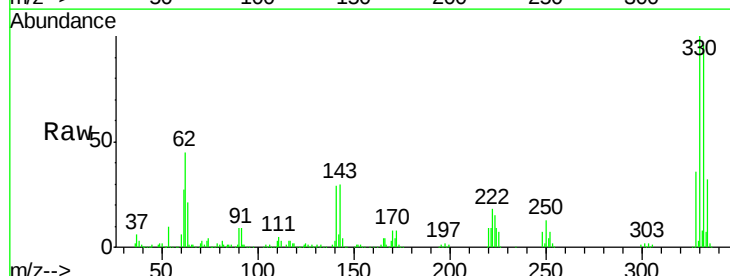
Instrument :
BNA_F
ClientSampleId :
MW-3

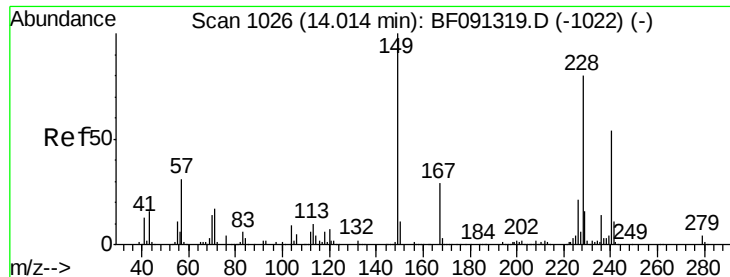
Tgt Ion:188 Resp: 573330
Ion Ratio Lower Upper
188 100
94 11.0 9.2 13.8
80 11.8 10.5 15.7



#66
4-Bromophenyl-phenylether
Concen: 5.56 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.28 min
Lab File: BF091422.D
Acq: 5 Dec 2016 17:14

Tgt Ion:248 Resp: 34293
Ion Ratio Lower Upper
248 100
250 197.3 78.2 117.4#
141 444.7 71.9 107.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.04 min

Lab File: BF091422.D

Acq: 5 Dec 2016 17:14

Instrument :

BNA_F

ClientSampleId :

MW-3

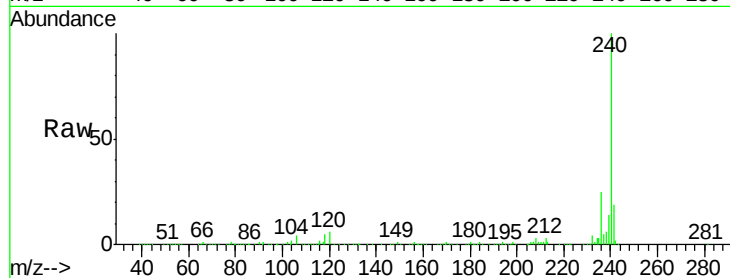
Tgt Ion:240 Resp: 464456

Ion Ratio Lower Upper

240 100

120 5.9 12.1 18.1#

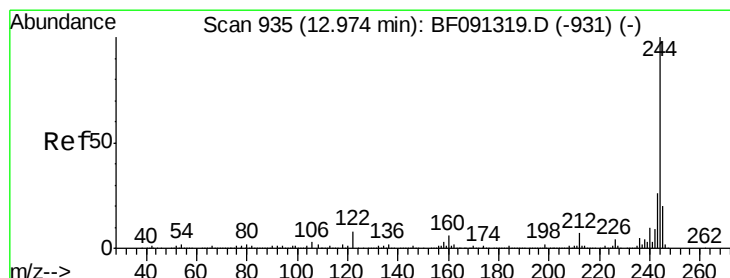
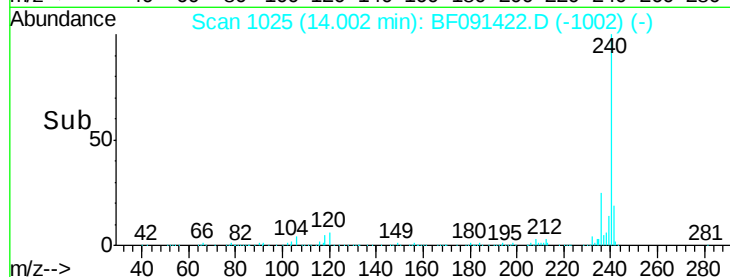
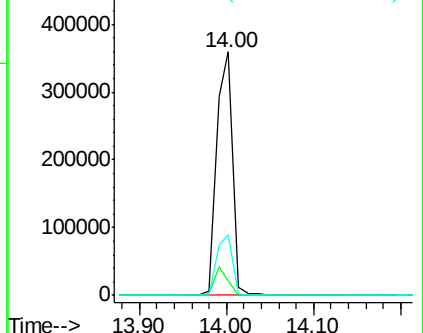
236 25.0 21.0 31.6



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: 94.81 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF091422.D

Acq: 5 Dec 2016 17:14

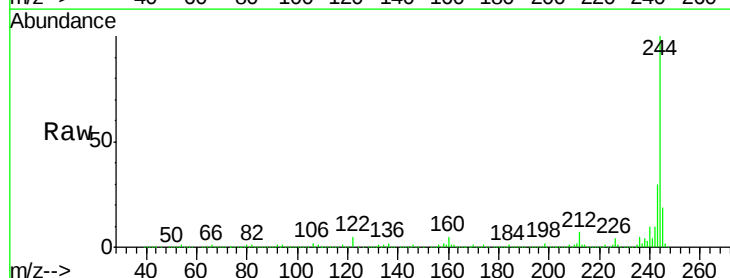
Tgt Ion:244 Resp: 2025941

Ion Ratio Lower Upper

244 100

212 6.6 6.5 9.7

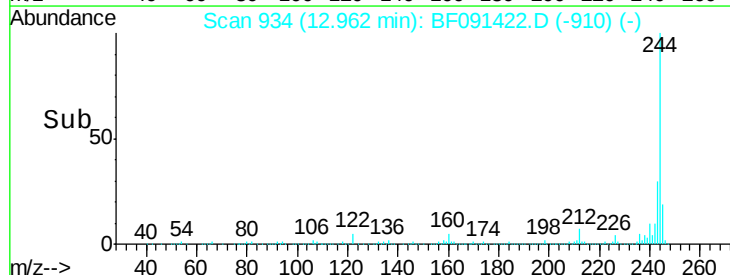
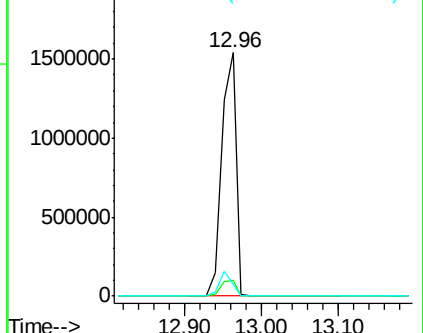
122 5.1 9.5 14.3#

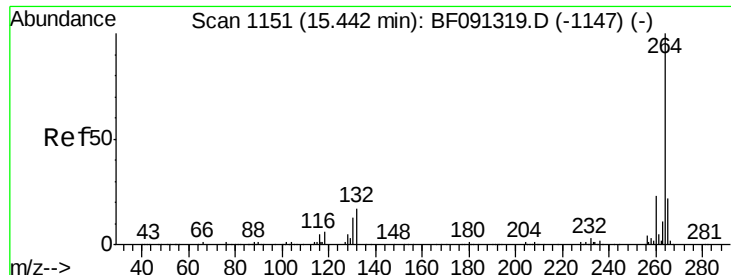


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF091422.D
Acq: 5 Dec 2016 17:14

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 264 Resp: 335362
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 21.4 17.0 25.6

