

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091428.D
 Acq On : 5 Dec 2016 20:00
 Operator : UM/SJ
 Sample : H5838-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-115

Quant Time: Dec 06 00:07:44 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

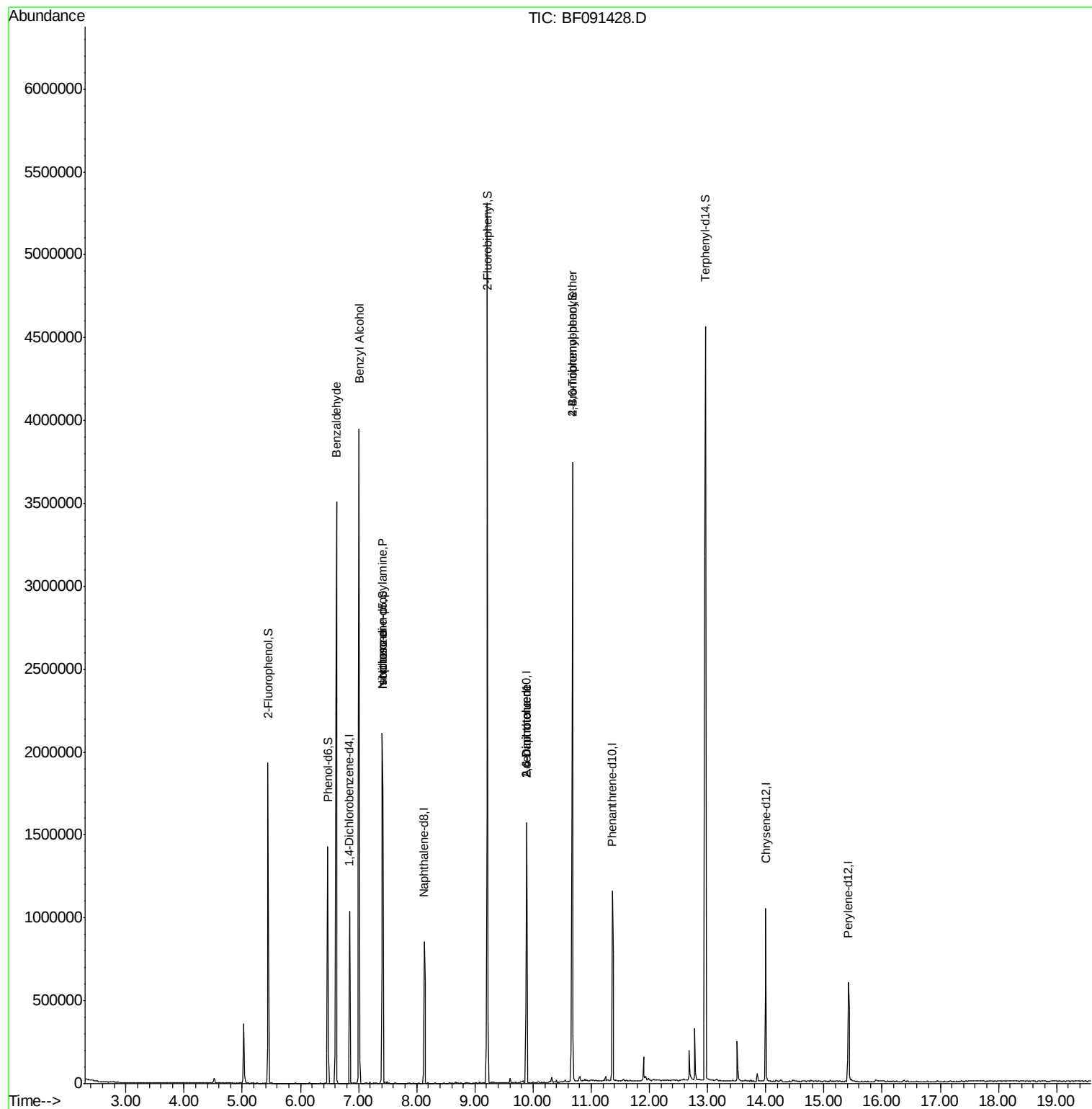
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142258	20.00	ng	-0.03
21) Naphthalene-d8	8.13	136	518606	20.00	ng	-0.04
38) Acenaphthene-d10	9.89	164	352019	20.00	ng	-0.03
63) Phenanthrene-d10	11.36	188	561481	20.00	ng	-0.04
75) Chrysene-d12	14.00	240	457965	20.00	ng	-0.04
86) Perylene-d12	15.42	264	334104	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	526388	60.45	ng	-0.03
7) Phenol-d6	6.47	99	382382	35.67	ng	-0.03
23) Nitrobenzene-d5	7.41	82	1022023	110.44	ng	-0.04
41) 2,4,6-Tribromophenol	10.68	330	475208	142.59	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	1703603	87.63	ng	-0.03
78) Terphenyl-d14	12.96	244	1954436	92.76	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	26370	3.83	ng	99
15) Benzyl Alcohol	7.01	79	18106	2.11	ng	# 35
19) n-Nitroso-di-n-propylamine	7.41	70	138388	20.49	ng	# 75
25) Isophorone	7.41	82	866604	52.86	ng	# 67
50) 2,6-Dinitrotoluene	9.89	165	45306	9.51	ng	# 16
56) 2,4-Dinitrotoluene	9.89	165	45308	7.33	ng	# 33
66) 4-Bromophenyl-phenylether	10.68	248	31801	5.27	ng	# 1

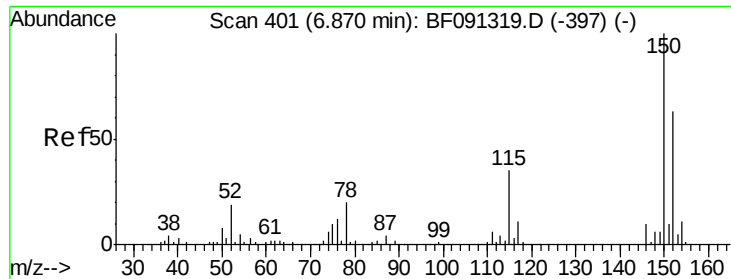
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091428.D

Acq: 5 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

MW-115

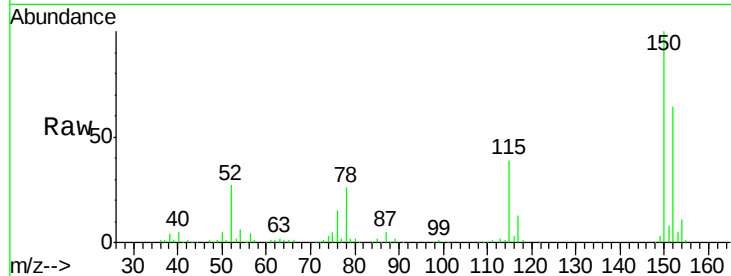
Tgt Ion:152 Resp: 142258

Ion Ratio Lower Upper

152 100

150 155.2 122.5 183.7

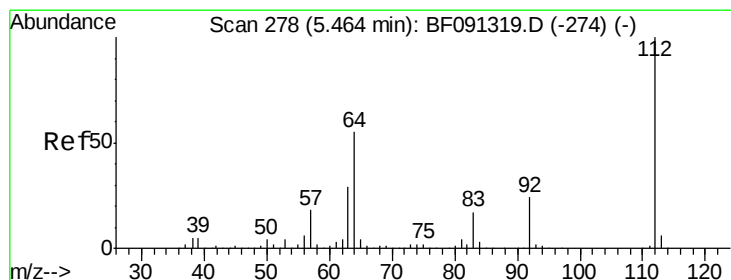
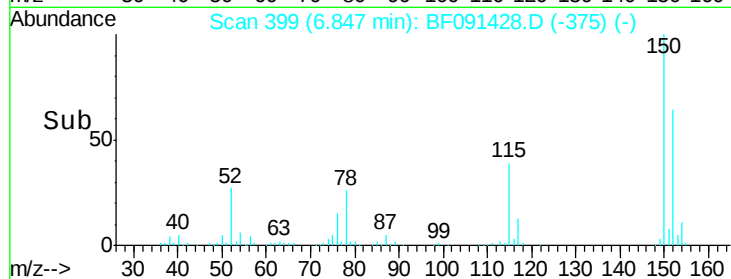
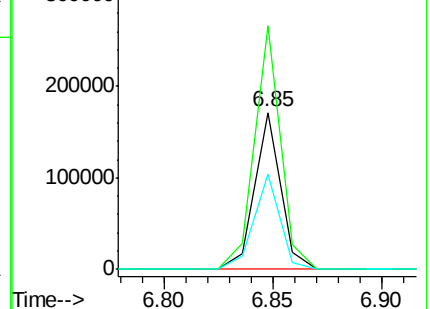
115 60.9 51.8 77.8



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: 60.45 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

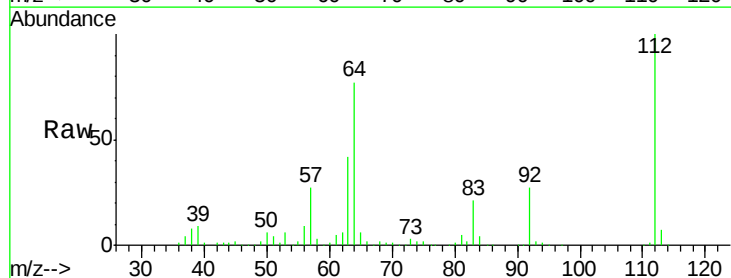
Tgt Ion:112 Resp: 526388

Ion Ratio Lower Upper

112 100

64 77.4 61.5 92.3

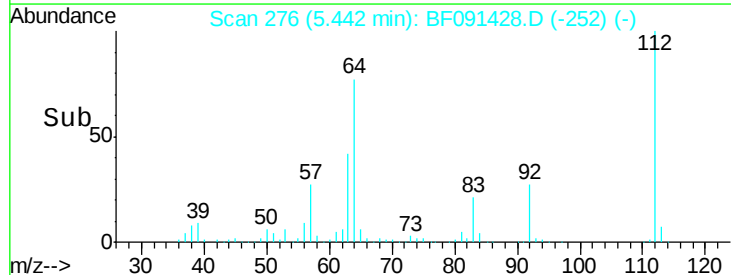
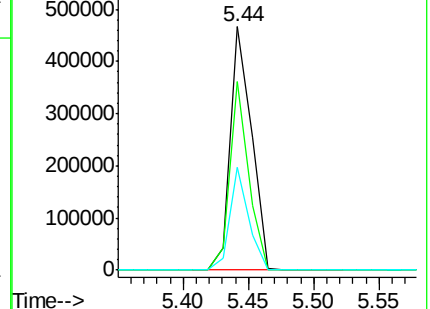
63 42.0 33.3 49.9

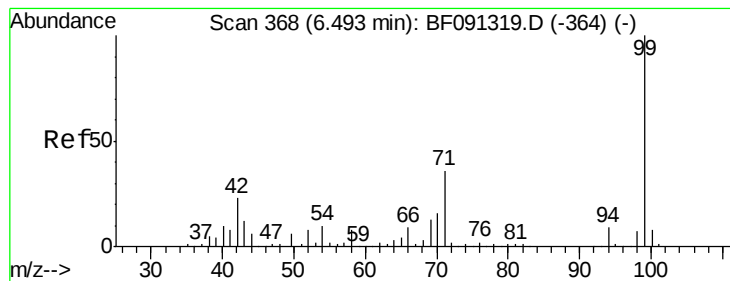


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.67 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

MW-115

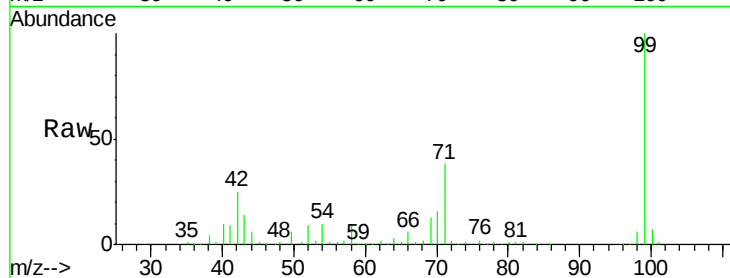
Tgt Ion: 99 Resp: 382382

Ion Ratio Lower Upper

99 100

42 25.2 20.6 31.0

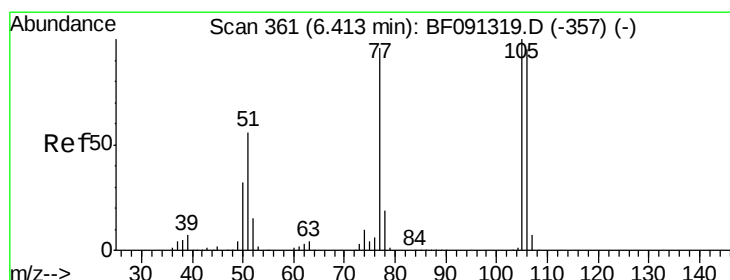
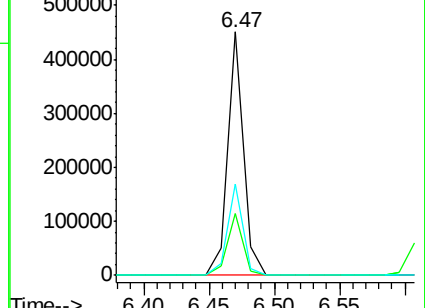
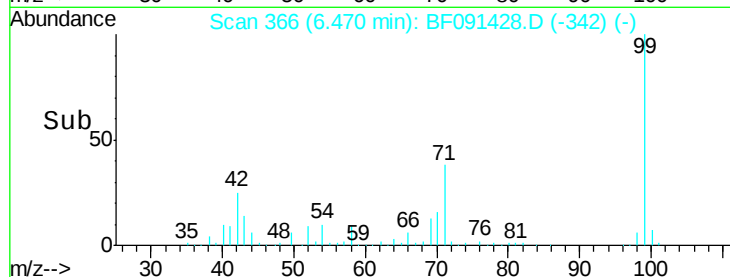
71 37.5 29.9 44.9



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: 3.83 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.20 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

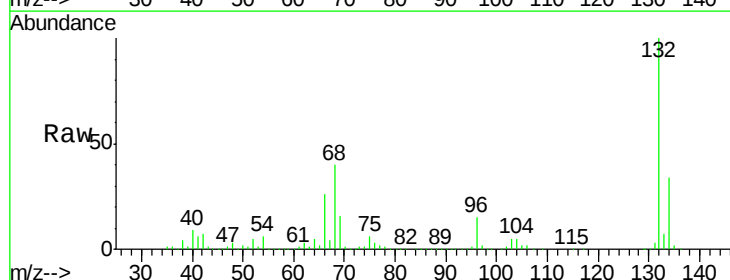
Tgt Ion: 77 Resp: 26370

Ion Ratio Lower Upper

77 100

105 85.2 66.4 106.4

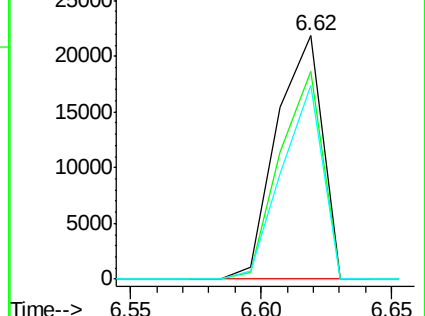
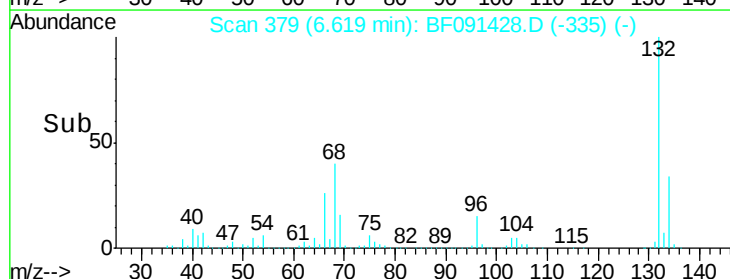
106 79.8 60.9 100.9

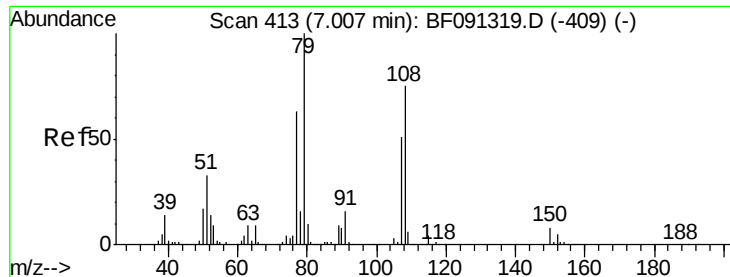


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

MW-115

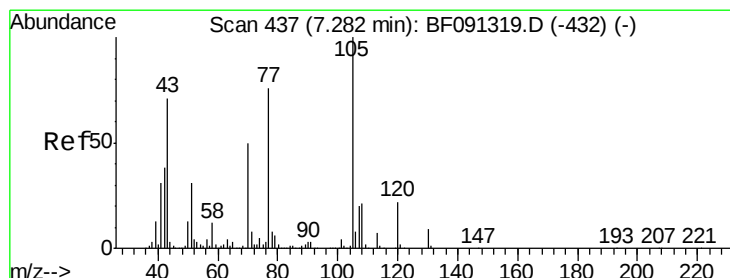
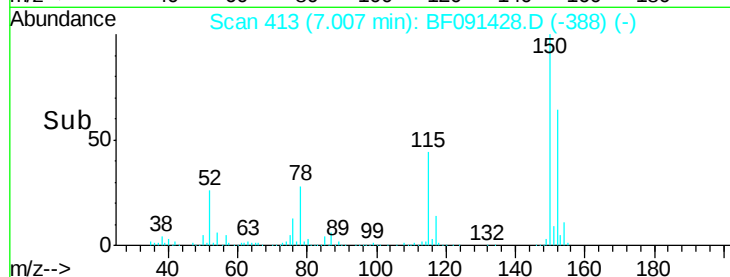
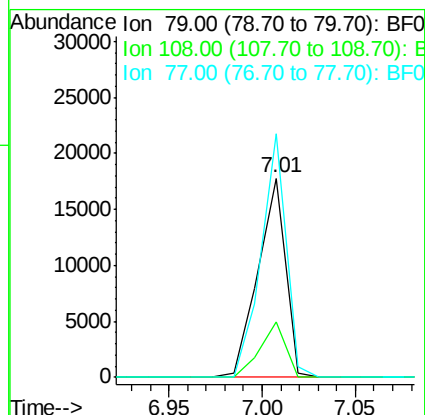
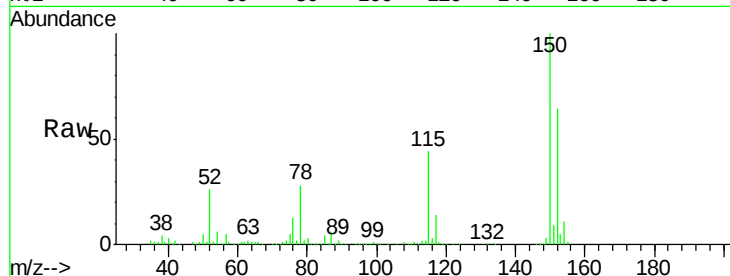
Tgt Ion: 79 Resp: 18106

Ion Ratio Lower Upper

79 100

108 27.7 62.7 94.1#

77 122.4 51.7 77.5#



#19

n-Nitroso-di-n-propylamine

Concen: 20.49 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.11 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

Tgt Ion: 70 Resp: 138388

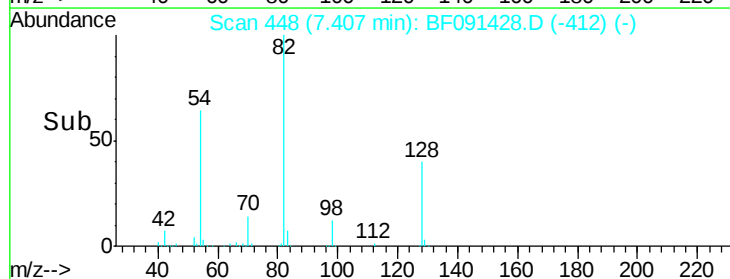
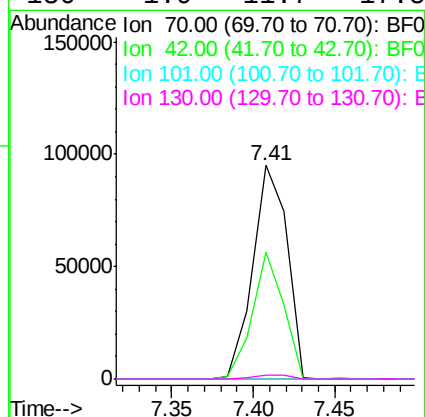
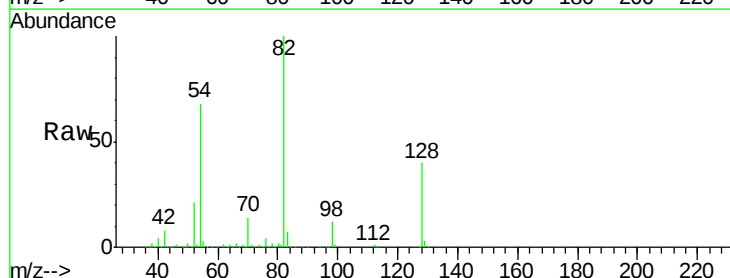
Ion Ratio Lower Upper

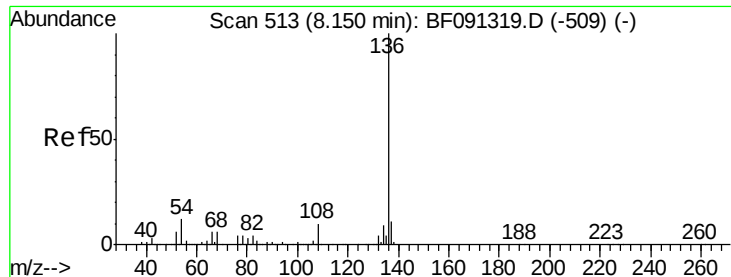
70 100

42 59.1 64.8 97.2#

101 0.0 6.2 9.4#

130 1.9 11.7 17.5#

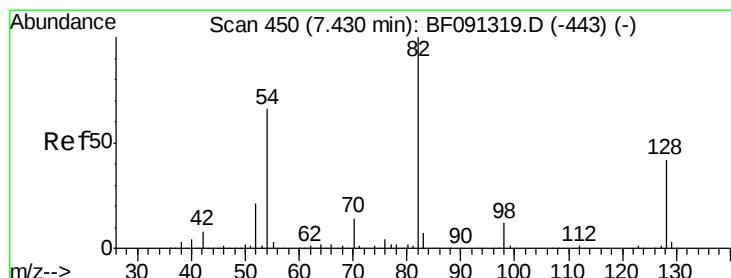
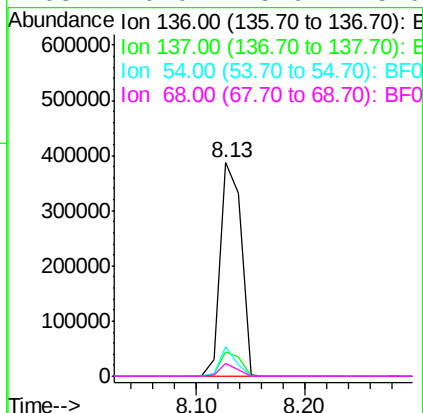
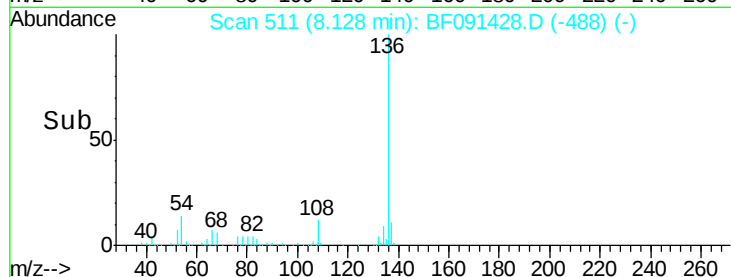
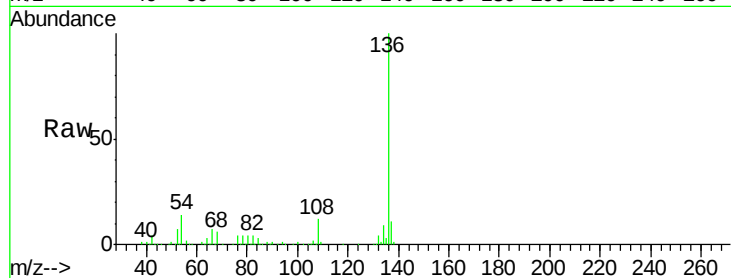




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 min
Lab File: BF091428.D
Acq: 5 Dec 2016 20:00

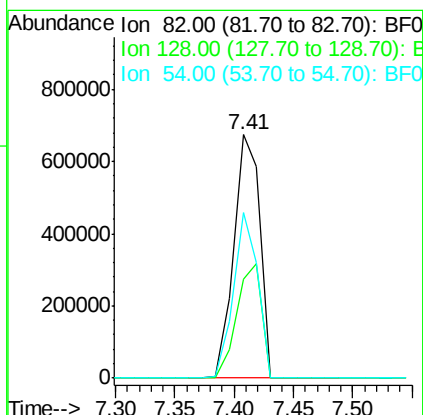
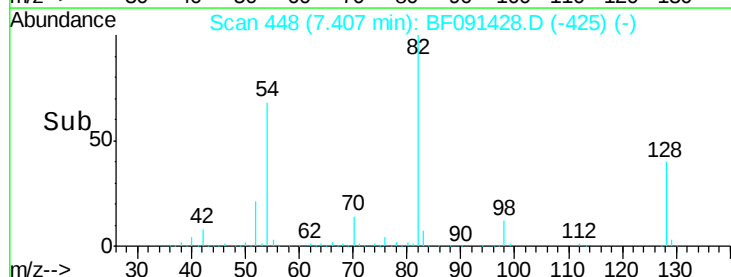
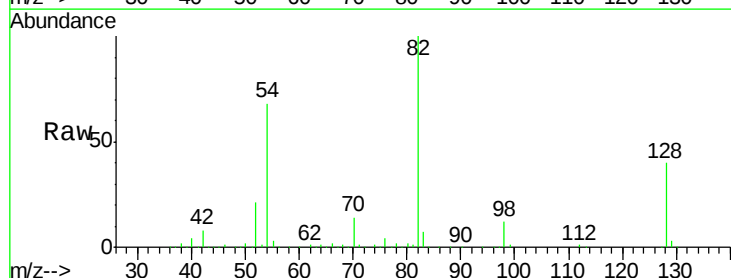
Instrument :
BNA_F
ClientSampleId :
MW-115

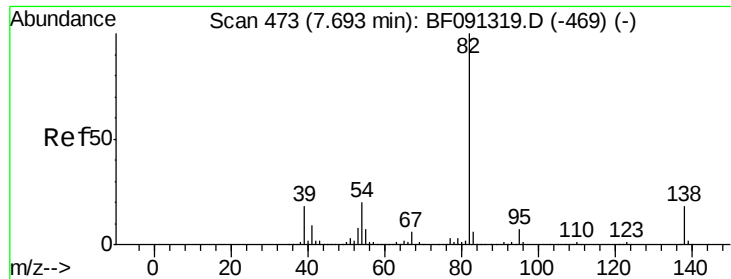
Tgt Ion:	136	Resp:	518606
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	14.0	9.1	13.7#
68	6.0	5.9	8.9



#23
Nitrobenzene-d5
Concen: 110.44 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.04 min
Lab File: BF091428.D
Acq: 5 Dec 2016 20:00

Tgt Ion:	82	Resp:	1022023
Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.8	47.6
54	67.9	49.1	73.7





#25

Isophorone

Concen: 52.86 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.30 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

MW-115

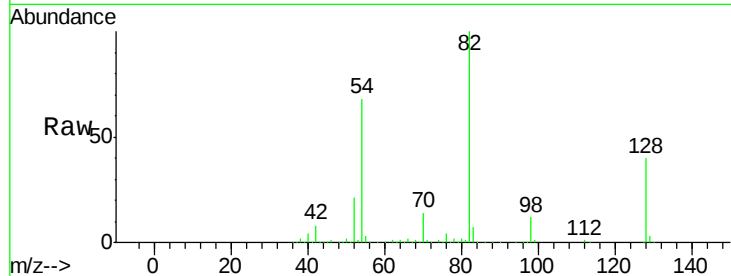
Tgt Ion: 82 Resp: 866604

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): E

7.41

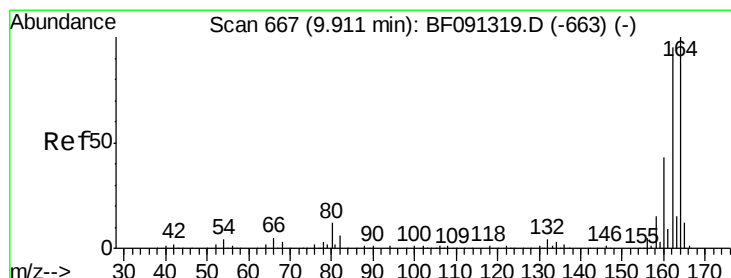
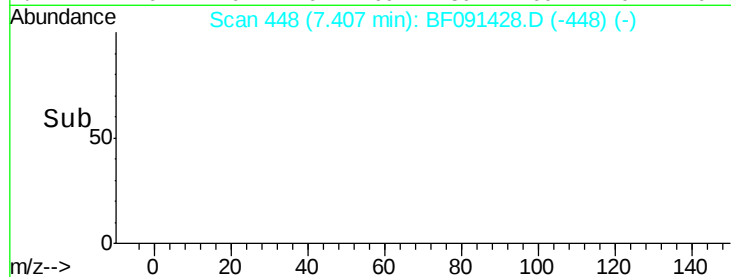
600000

400000

200000

0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

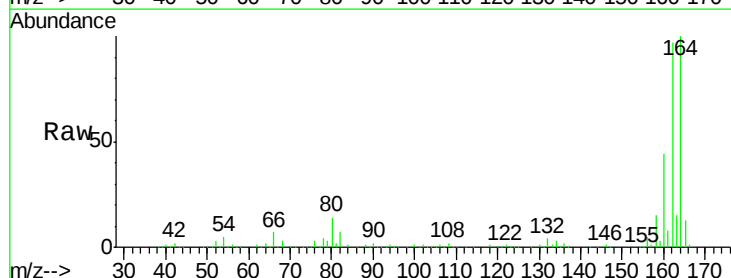
Tgt Ion: 164 Resp: 352019

Ion Ratio Lower Upper

164 100

162 96.7 82.6 124.0

160 43.6 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

9.89

500000

400000

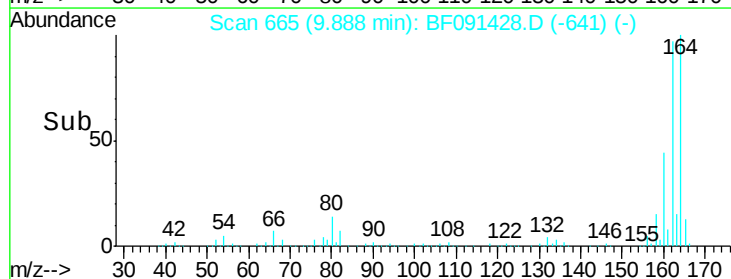
300000

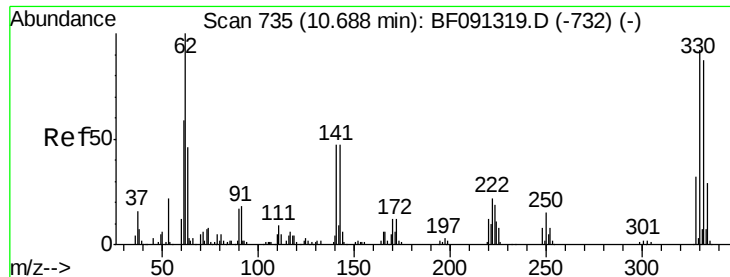
200000

100000

0

Time-->

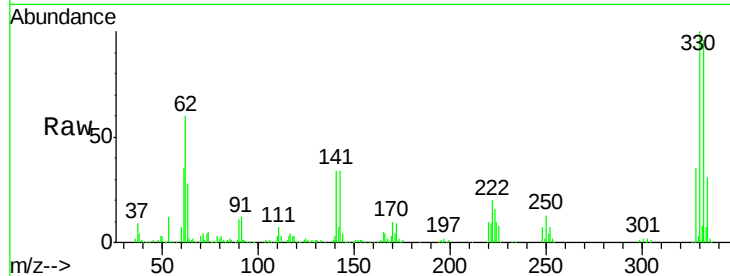




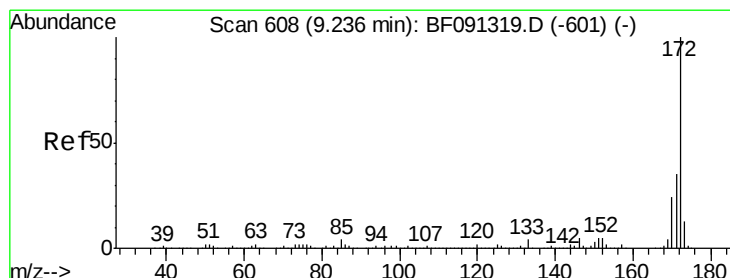
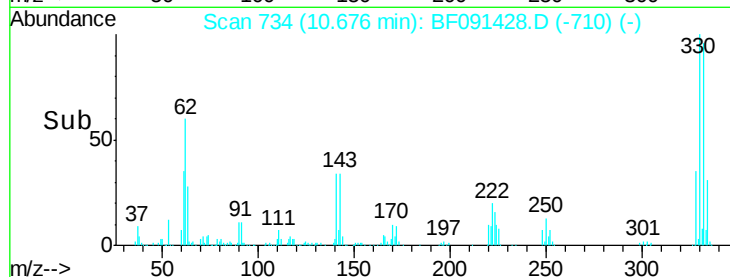
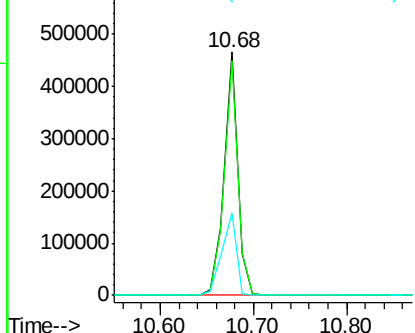
#41
 2,4,6-Tribromophenol
 Concen: 142.59 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.03 min
 Lab File: BF091428.D
 Acq: 5 Dec 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-115

Tgt Ion:330 Resp: 475208
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 35.3 33.6 50.4

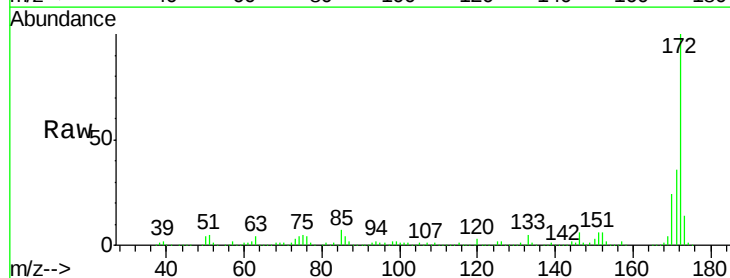


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

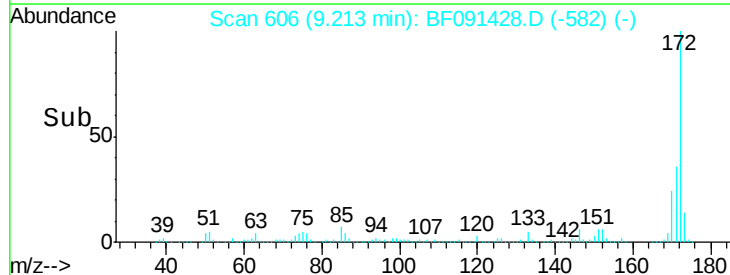
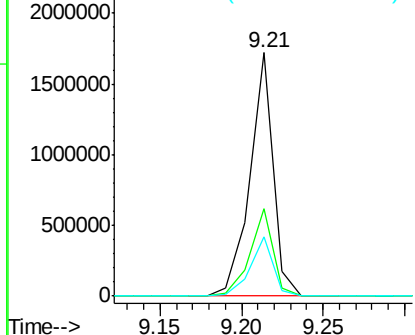


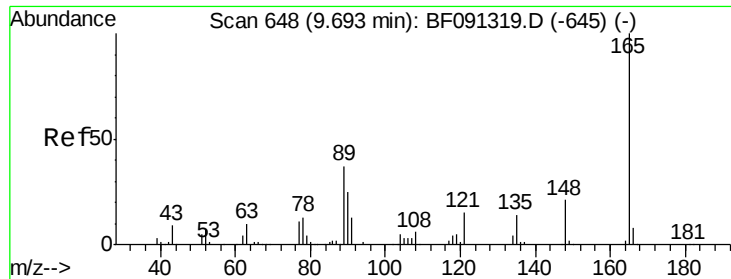
#44
 2-Fluorobiphenyl
 Concen: 87.63 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF091428.D
 Acq: 5 Dec 2016 20:00

Tgt Ion:172 Resp: 1703603
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.5 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

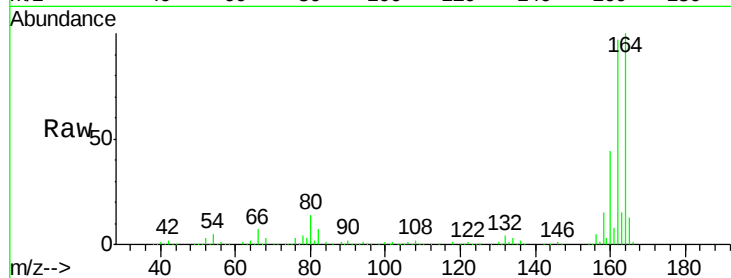




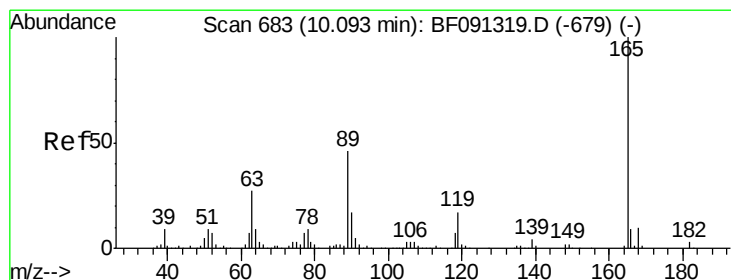
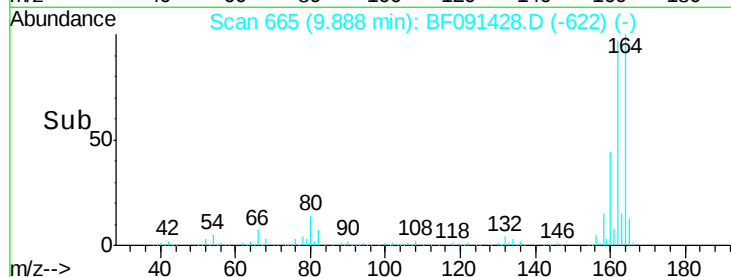
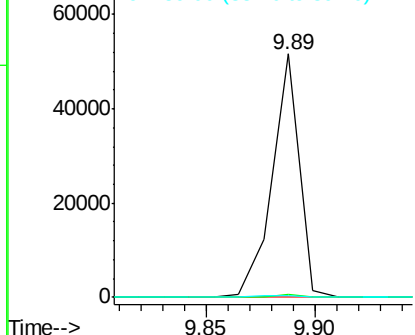
#50
 2,6-Dinitrotoluene
 Concen: 9.51 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.19 min
 Lab File: BF091428.D
 Acq: 5 Dec 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-115

Tgt Ion:165 Resp: 45306
 Ion Ratio Lower Upper
 165 100
 63 1.0 59.4 89.0#
 89 0.9 50.8 76.2#

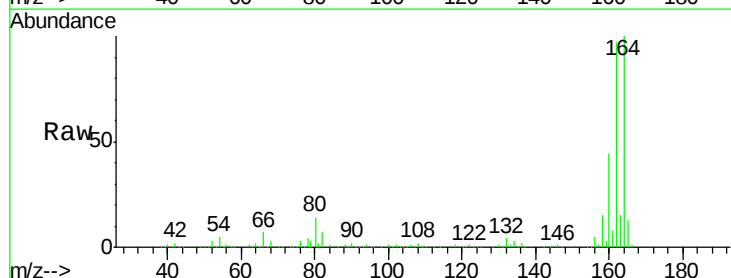


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

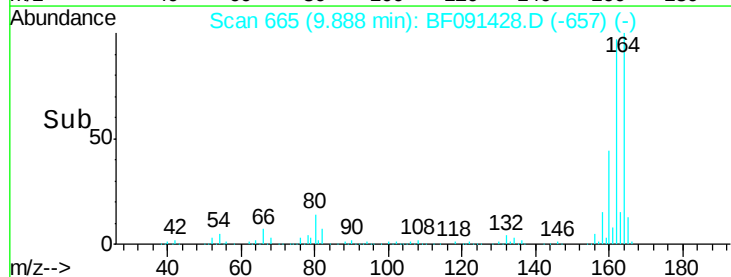
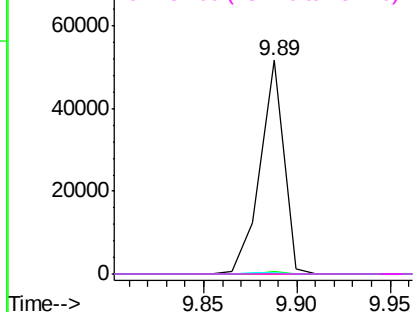


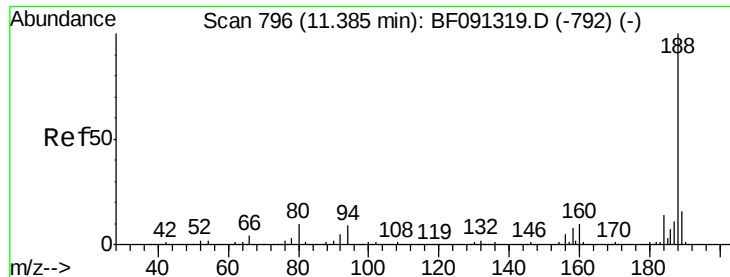
#56
 2,4-Dinitrotoluene
 Concen: 7.33 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF091428.D
 Acq: 5 Dec 2016 20:00

Tgt Ion:165 Resp: 45308
 Ion Ratio Lower Upper
 165 100
 63 1.0 29.0 43.4#
 89 0.9 43.1 64.7#
 182 0.0 1.9 2.9#



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

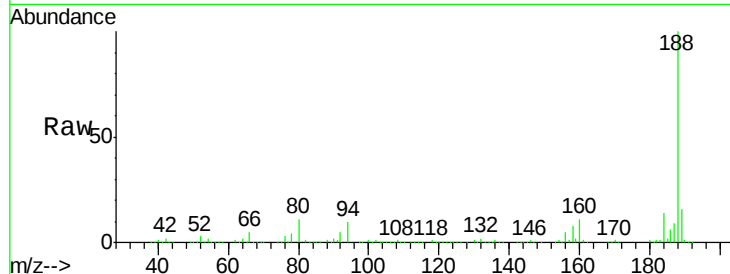




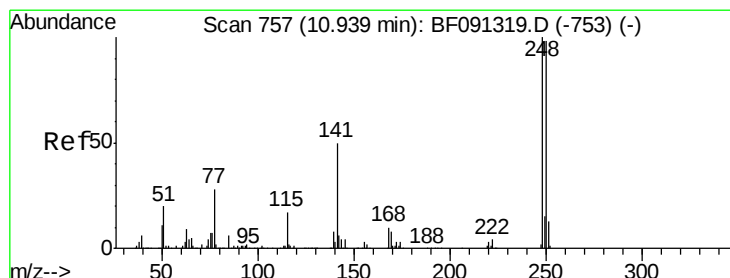
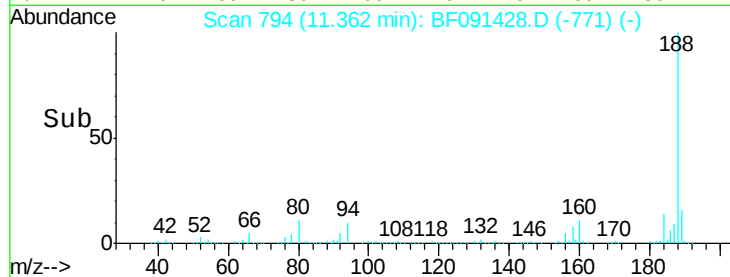
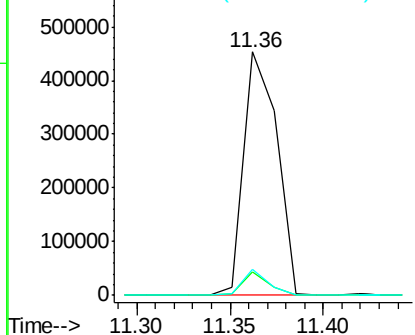
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.04 min
 Lab File: BF091428.D
 Acq: 5 Dec 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-115

Tgt Ion:188 Resp: 561481
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.2 13.8
 80 10.7 10.5 15.7

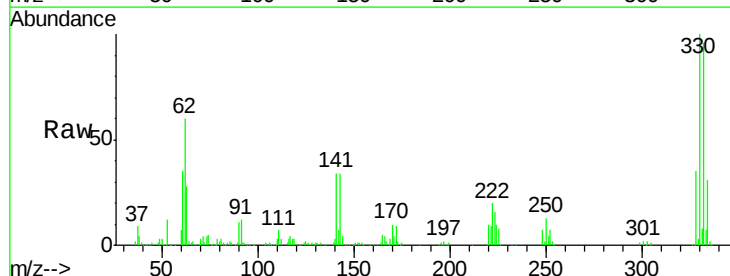


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

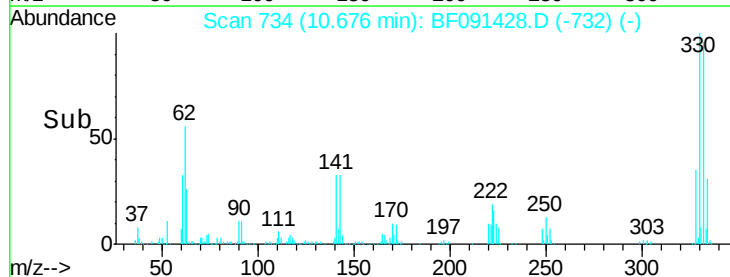
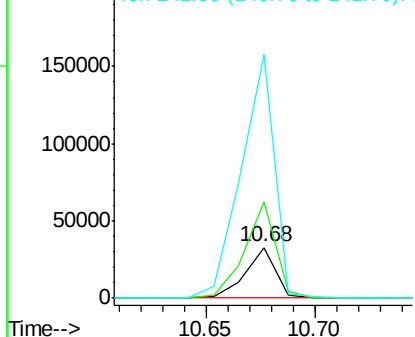


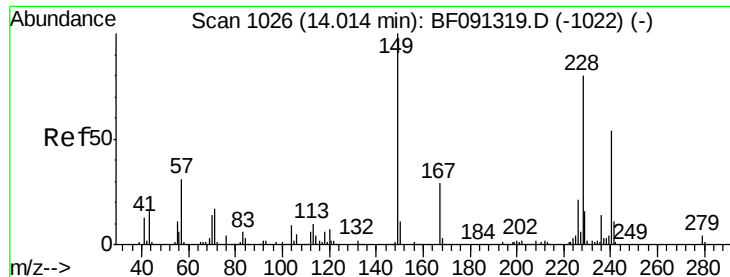
#66
 4-Bromophenyl-phenylether
 Concen: 5.27 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.28 min
 Lab File: BF091428.D
 Acq: 5 Dec 2016 20:00

Tgt Ion:248 Resp: 31801
 Ion Ratio Lower Upper
 248 100
 250 189.2 78.2 117.4#
 141 480.4 71.9 107.9#



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: 14.00 min Scan# 1025

Delta R.T. -0.04 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

MW-115

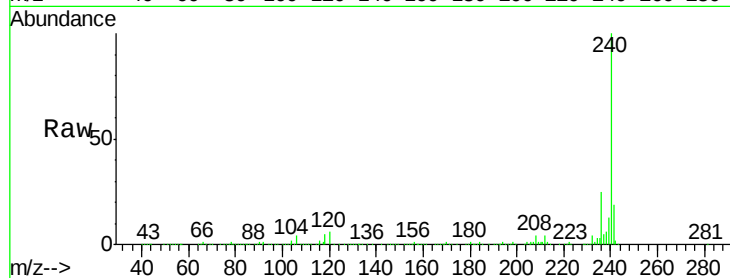
Tgt Ion:240 Resp: 457965

Ion Ratio Lower Upper

240 100

120 5.7 12.1 18.1#

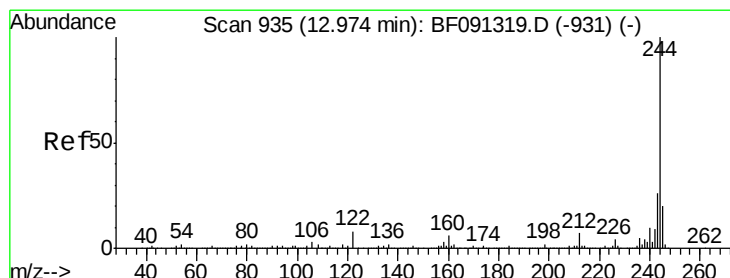
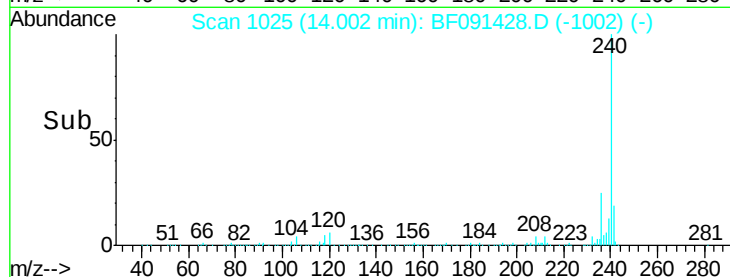
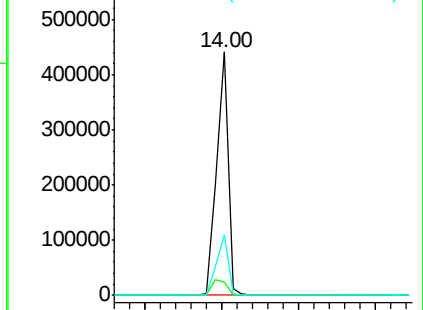
236 24.9 21.0 31.6



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: 92.76 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

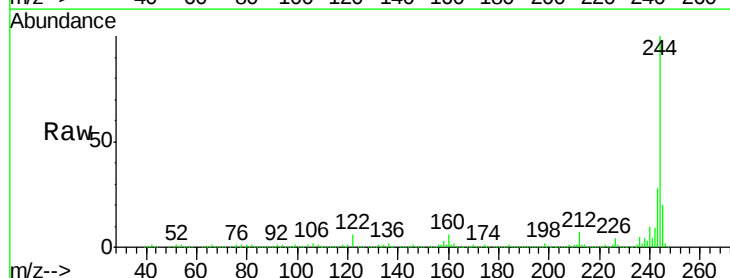
Tgt Ion:244 Resp: 1954436

Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

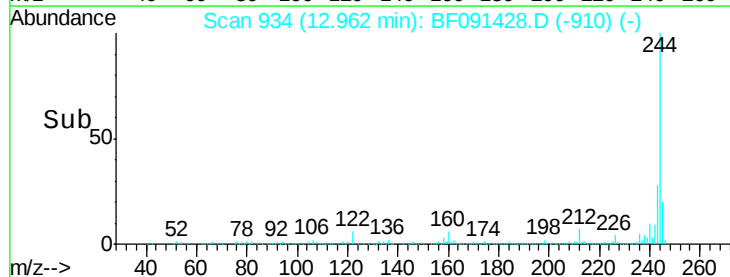
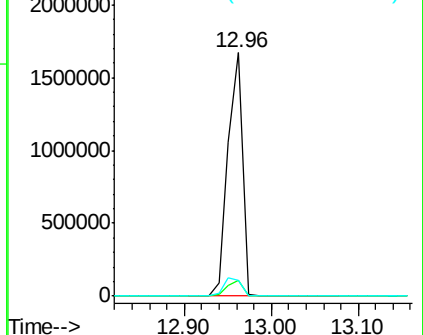
122 6.5 9.5 14.3#

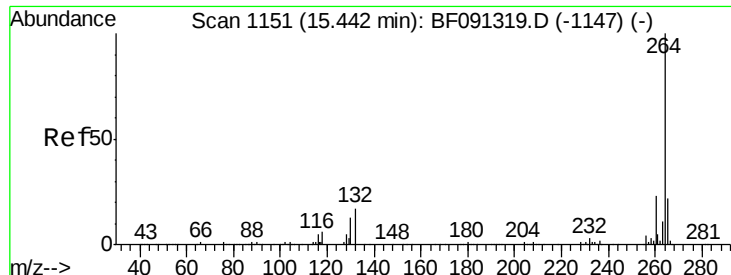


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF091428.D
Acq: 5 Dec 2016 20:00

Instrument :
BNA_F
ClientSampleId :
MW-115

Tgt Ion:264 Resp: 334104
Ion Ratio Lower Upper
264 100
260 22.5 18.8 28.2
265 21.0 17.0 25.6

