

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091434.D
 Acq On : 5 Dec 2016 22:45
 Operator : UM/SJ
 Sample : H5802-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Dec 06 00:10:09 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

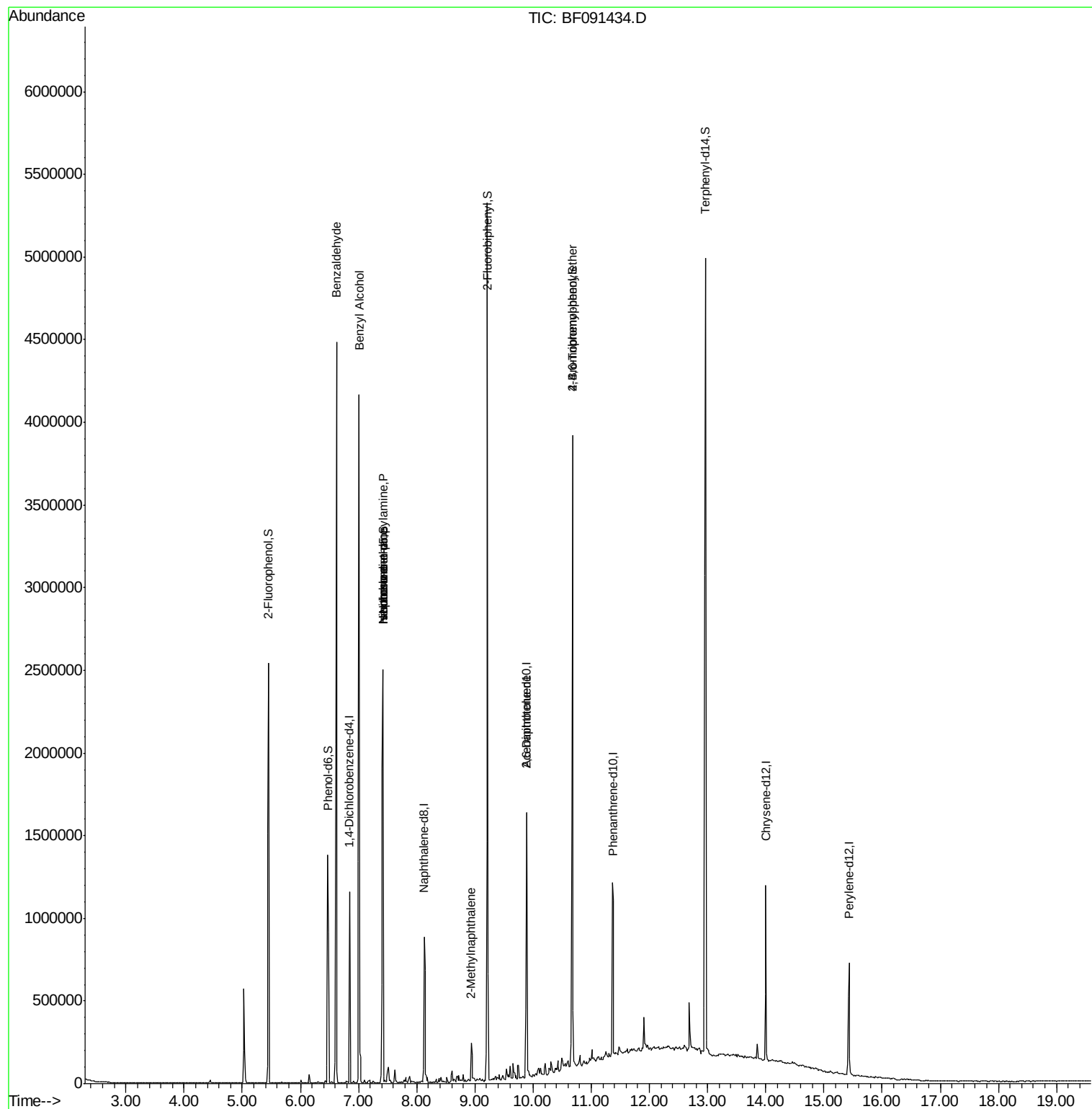
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	151599	20.00	ng	-0.03
21) Naphthalene-d8	8.13	136	530222	20.00	ng	-0.04
38) Acenaphthene-d10	9.89	164	350123	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	579777	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	421097	20.00	ng	-0.04
86) Perylene-d12	15.43	264	348657	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	745069	80.29	ng	-0.02
7) Phenol-d6	6.47	99	538164	47.11	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1099152	116.17	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	472805	142.64	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	1718159	88.85	ng	-0.03
78) Terphenyl-d14	12.96	244	1897611	97.95	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.62	77	30743	4.18	ng	Qvalue 86
15) Benzyl Alcohol	7.01	79	19133	2.09	ng	# 40
18) Hexachloroethane	7.42	117	19223	4.81	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	147885	20.55	ng	# 67
25) Isophorone	7.42	82	972639	58.03	ng	# 67
37) 2-Methylnaphthalene	8.94	142	74930	4.38	ng	# 93
50) 2,6-Dinitrotoluene	9.89	165	46324	9.78	ng	# 17
66) 4-Bromophenyl-phenylether	10.68	248	29939	4.80	ng	# 1

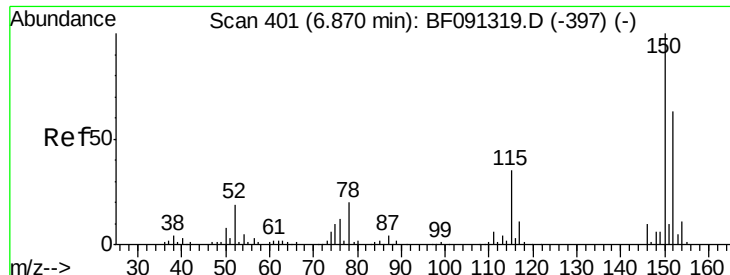
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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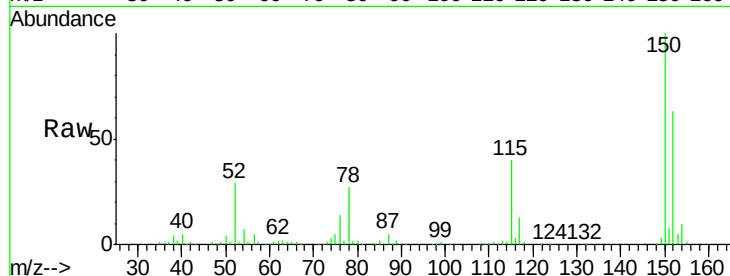




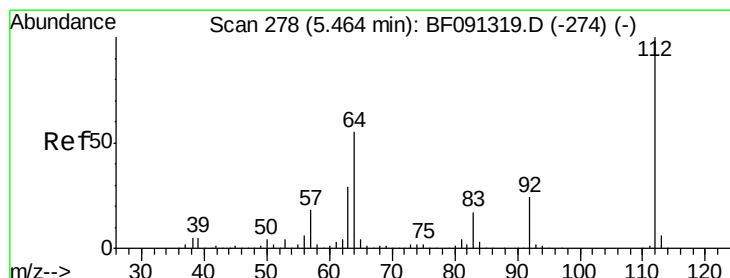
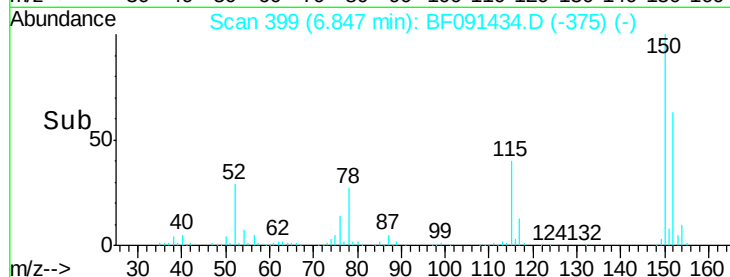
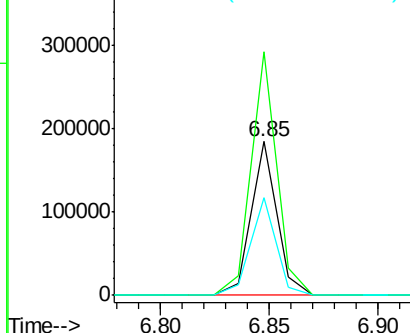
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.03 min
 Lab File: BF091434.D
 Acq: 5 Dec 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion:152 Resp: 151599
 Ion Ratio Lower Upper
 152 100
 150 158.4 122.5 183.7
 115 63.7 51.8 77.8

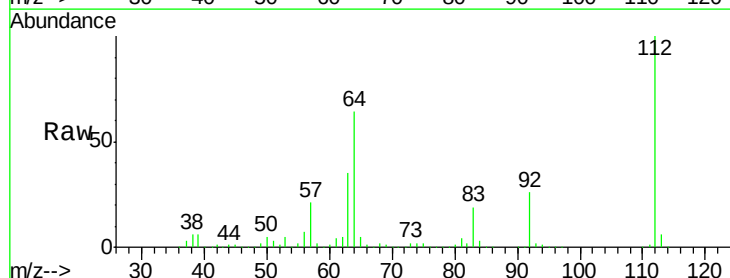


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

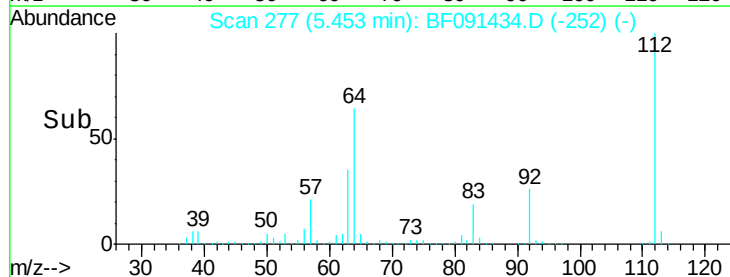
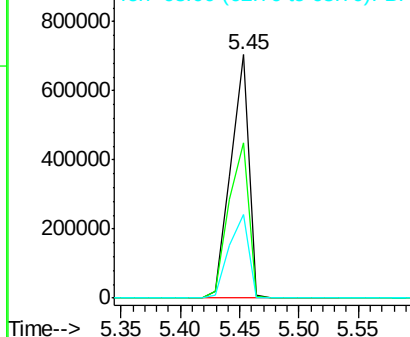


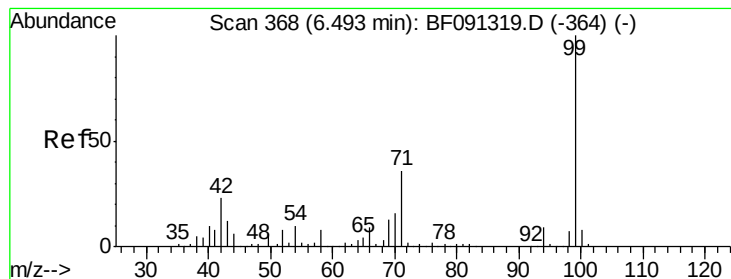
#5
 2-Fluorophenol
 Concen: 80.29 ng
 RT: 5.45 min Scan# 277
 Delta R.T. -0.02 min
 Lab File: BF091434.D
 Acq: 5 Dec 2016 22:45

Tgt Ion:112 Resp: 745069
 Ion Ratio Lower Upper
 112 100
 64 63.5 61.5 92.3
 63 34.5 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: 47.11 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

Instrument :

BNA_F

ClientSampled :

MW-01

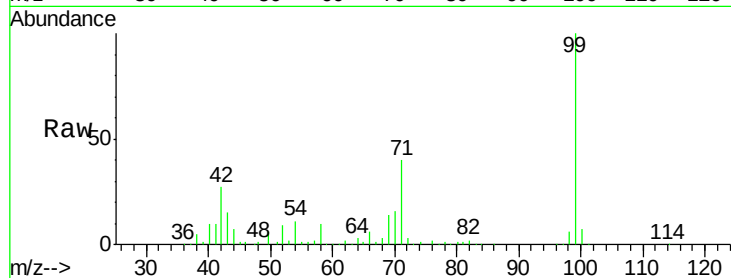
Tgt Ion: 99 Resp: 538164

Ion Ratio Lower Upper

99 100

42 27.1 20.6 31.0

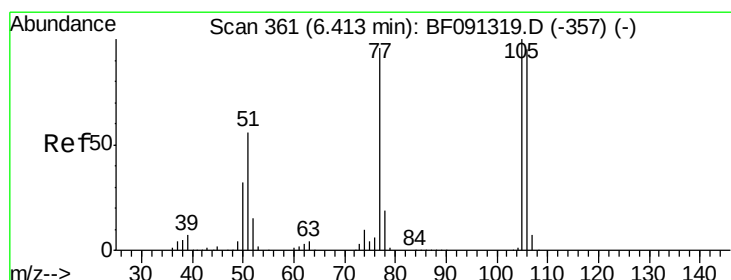
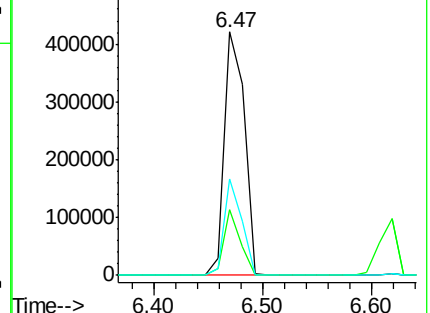
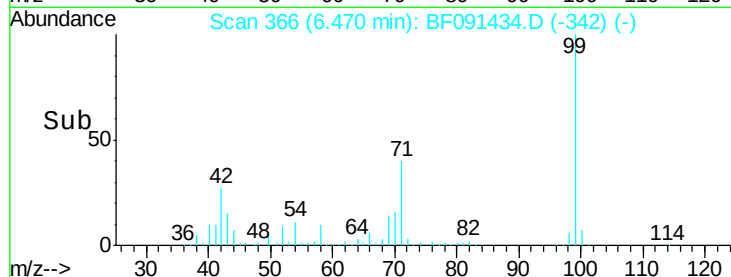
71 39.8 29.9 44.9



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: 4.18 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.20 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

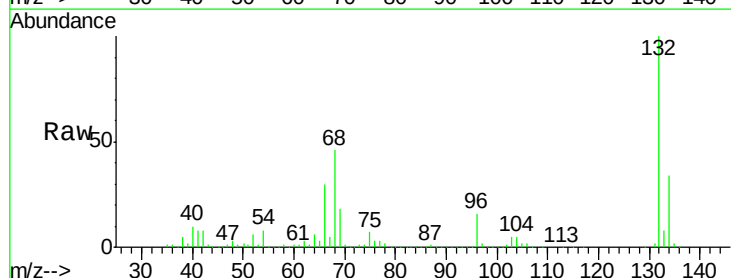
Tgt Ion: 77 Resp: 30743

Ion Ratio Lower Upper

77 100

105 75.7 66.4 106.4

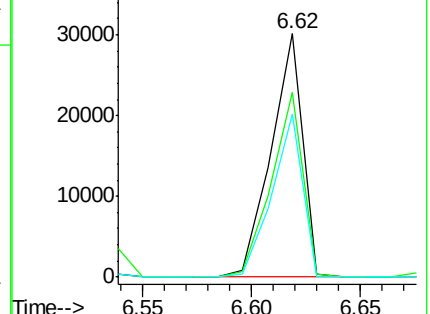
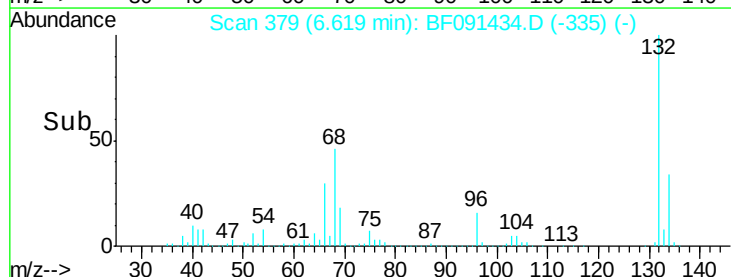
106 66.9 60.9 100.9

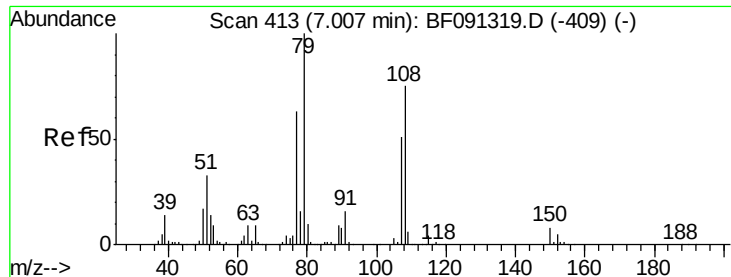


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

Instrument :

BNA_F

ClientSampleId :

MW-01

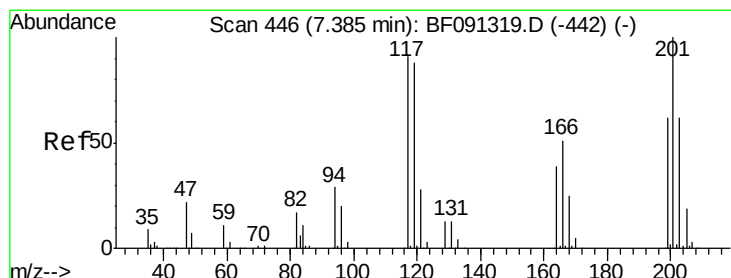
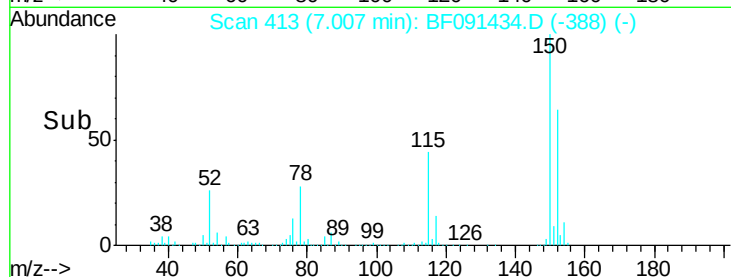
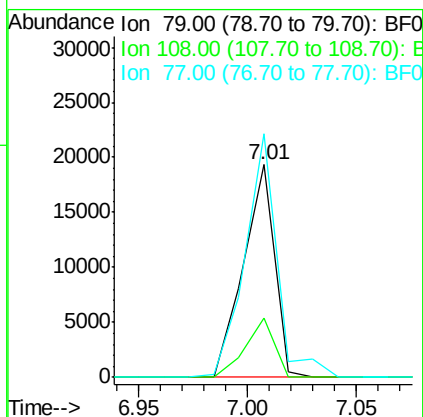
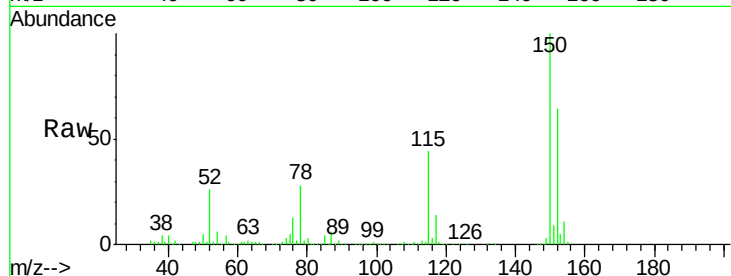
Tgt Ion: 79 Resp: 19133

Ion Ratio Lower Upper

79 100

108 28.0 62.7 94.1#

77 114.6 51.7 77.5#



#18

Hexachloroethane

Concen: 4.81 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.02 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

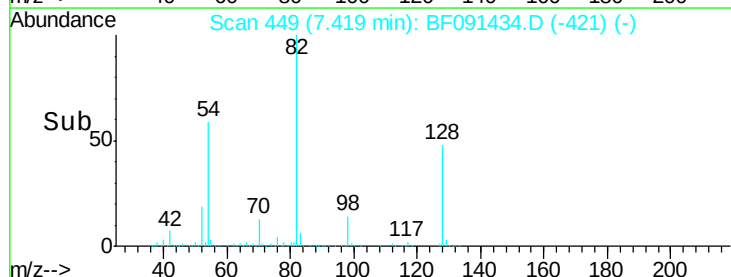
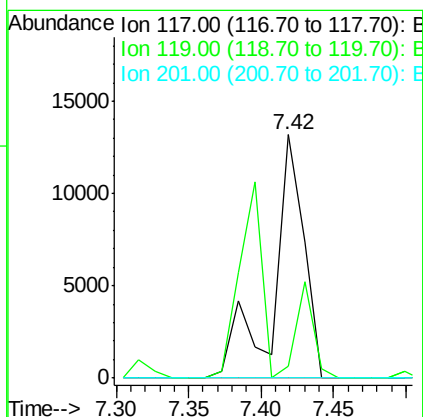
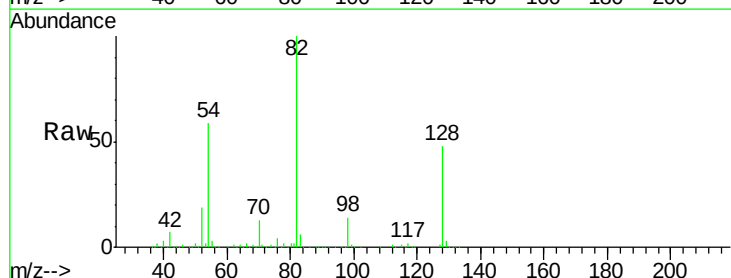
Tgt Ion: 117 Resp: 19223

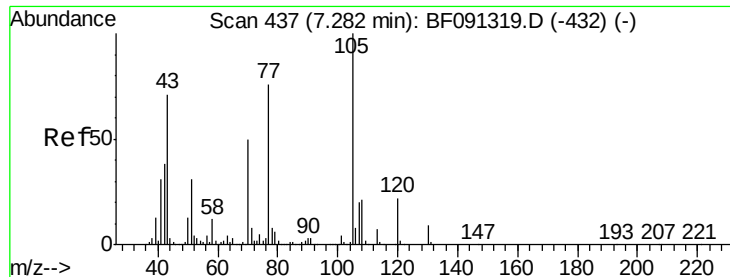
Ion Ratio Lower Upper

117 100

119 4.7 78.6 118.0#

201 0.0 86.7 130.1#

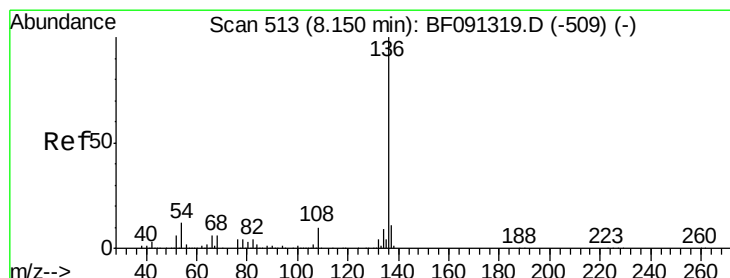
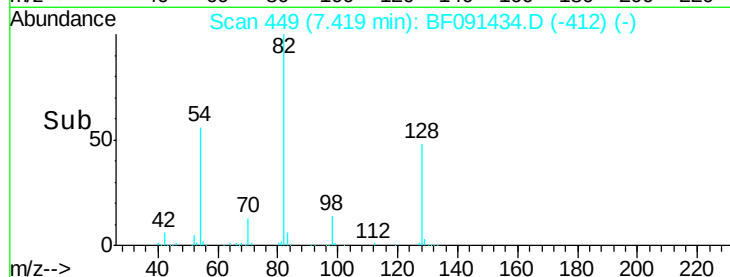
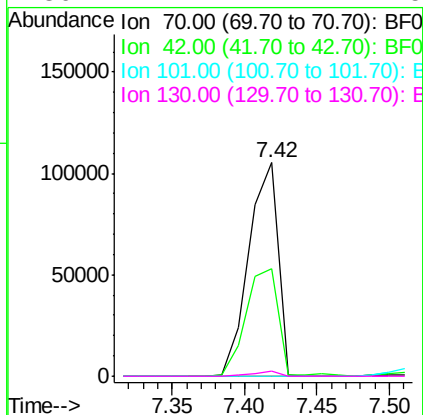
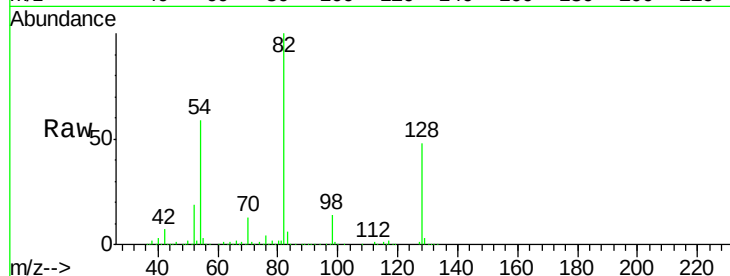




#19
n-Nitroso-di-n-propylamine
Concen: 20.55 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.12 min
Lab File: BF091434.D
Acq: 5 Dec 2016 22:45

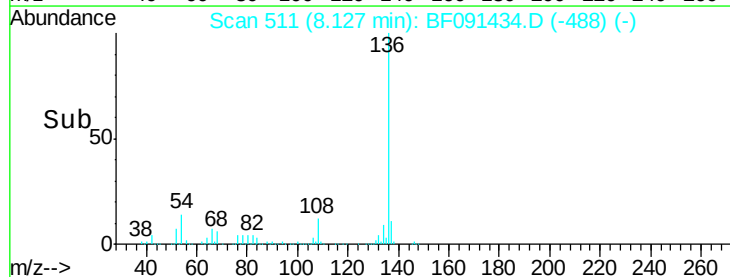
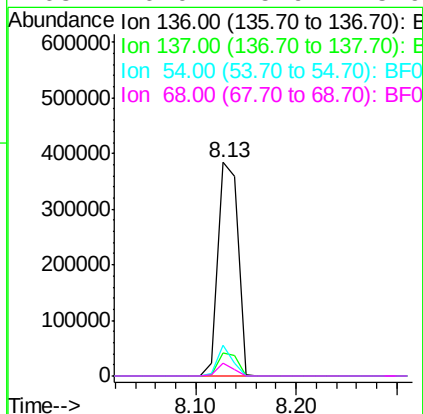
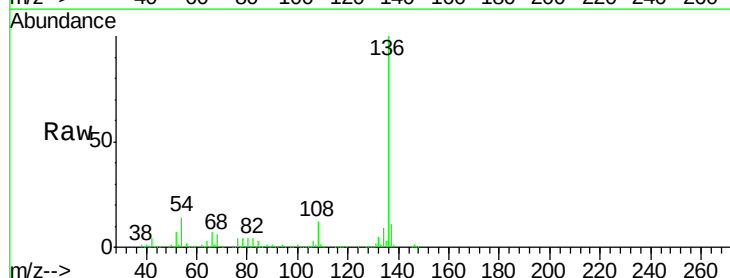
Instrument :
BNA_F
ClientSampleId :
MW-01

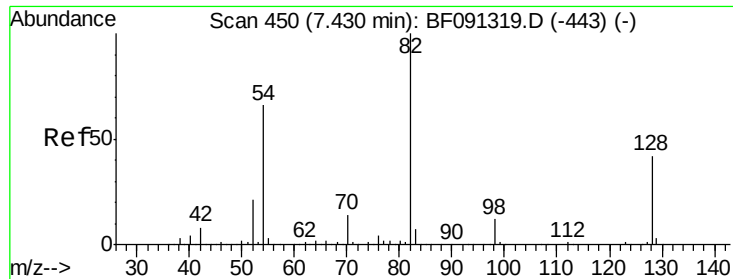
Tgt Ion: 70 Resp: 147885
Ion Ratio Lower Upper
70 100
42 50.1 64.8 97.2#
101 0.0 6.2 9.4#
130 2.4 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 min
Lab File: BF091434.D
Acq: 5 Dec 2016 22:45

Tgt Ion: 136 Resp: 530222
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 14.4 9.1 13.7#
68 6.0 5.9 8.9

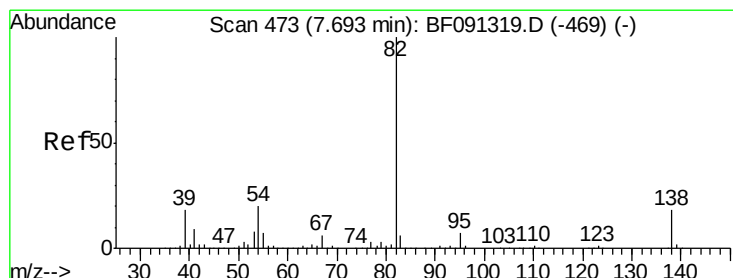
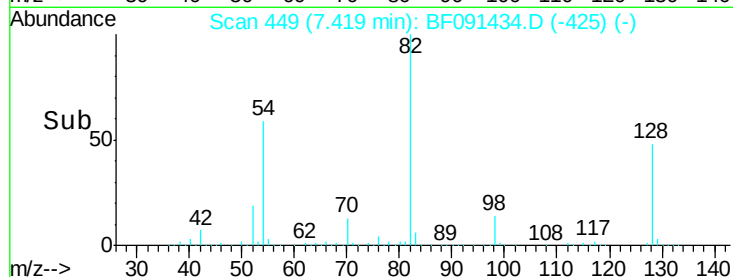
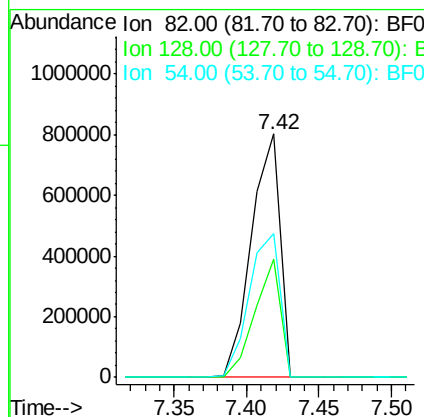
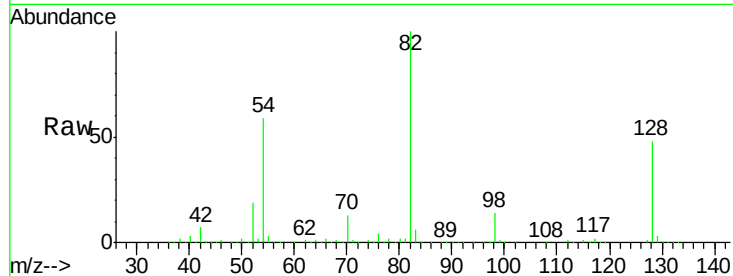




#23
 Nitrobenzene-d5
 Concen: 116.17 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.03 min
 Lab File: BF091434.D
 Acq: 5 Dec 2016 22:45

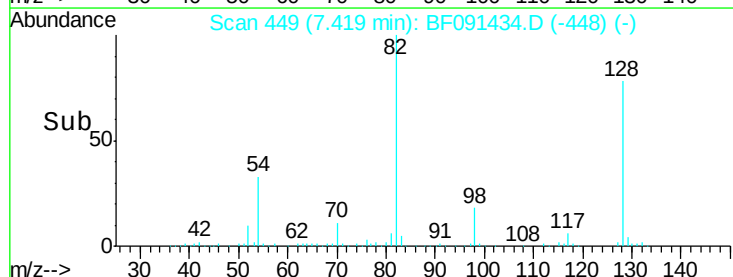
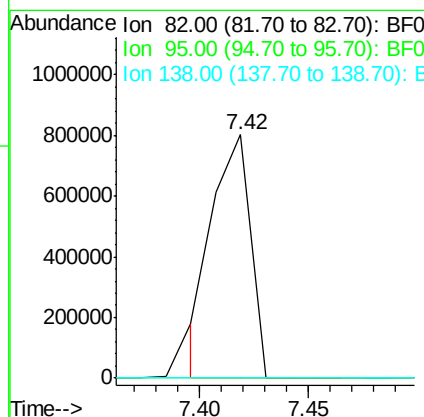
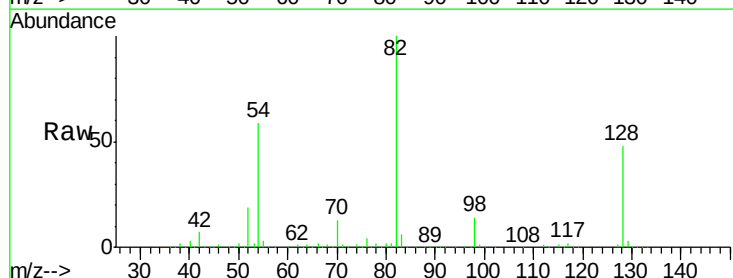
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

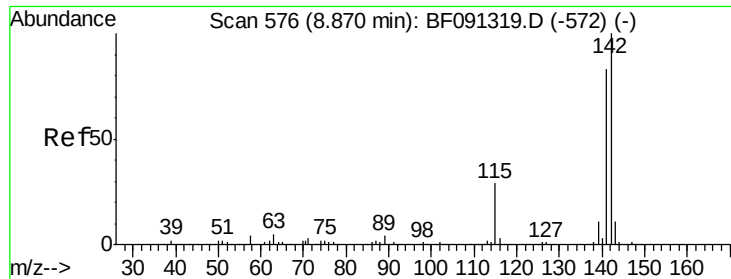
Tgt Ion: 82 Resp: 1099152
 Ion Ratio Lower Upper
 82 100
 128 48.3 31.8 47.6#
 54 59.3 49.1 73.7



#25
 Isophorone
 Concen: 58.03 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.29 min
 Lab File: BF091434.D
 Acq: 5 Dec 2016 22:45

Tgt Ion: 82 Resp: 972639
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.4 20.0#





#37

2-Methylnaphthalene

Concen: 4.38 ng

RT: 8.94 min Scan# 582

Delta R.T. 0.06 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

Instrument :

BNA_F

ClientSampleId :

MW-01

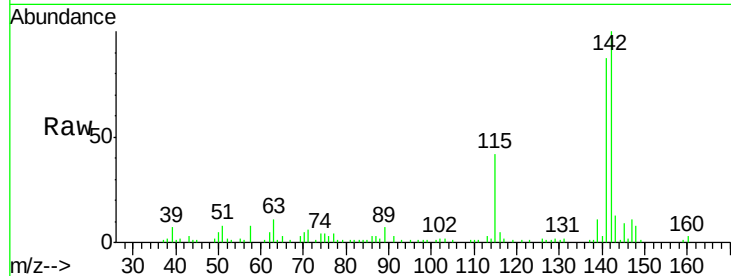
Tgt Ion:142 Resp: 74930

Ion Ratio Lower Upper

142 100

141 87.2 71.7 107.5

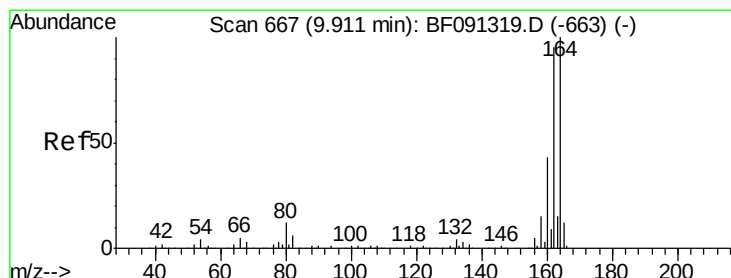
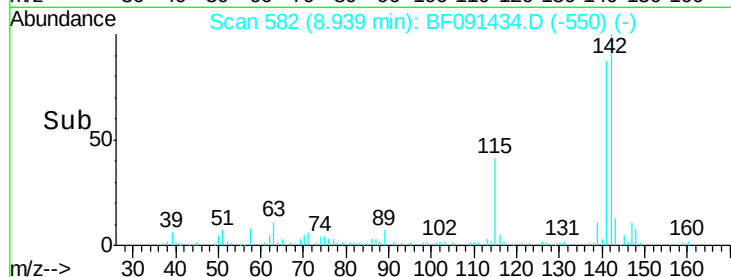
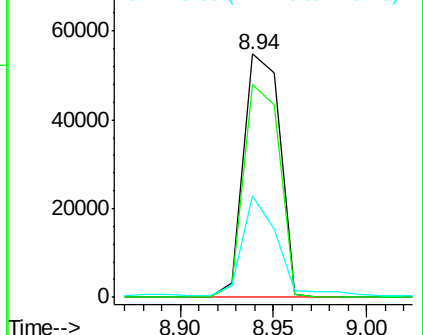
115 41.9 25.0 37.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

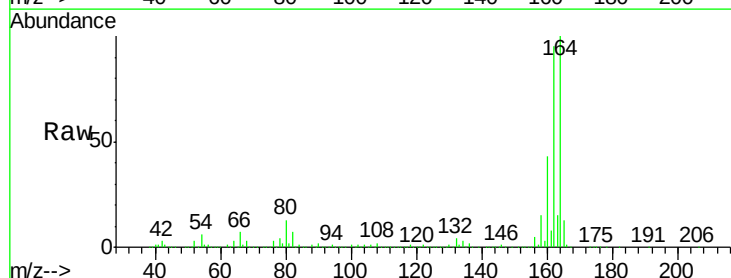
Tgt Ion:164 Resp: 350123

Ion Ratio Lower Upper

164 100

162 95.3 82.6 124.0

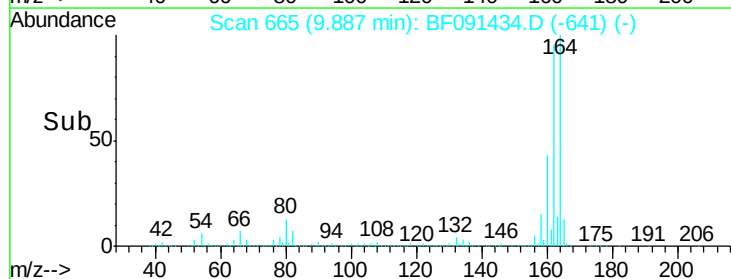
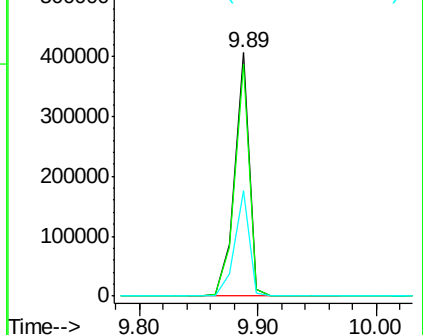
160 43.3 36.7 55.1

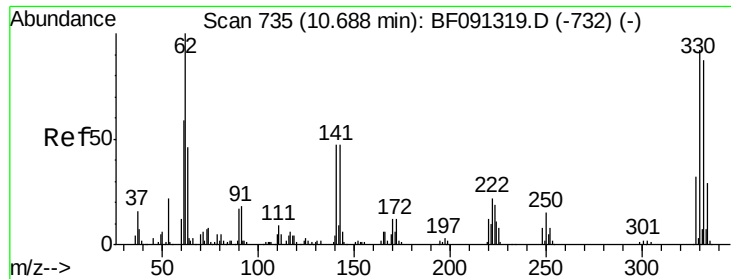


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

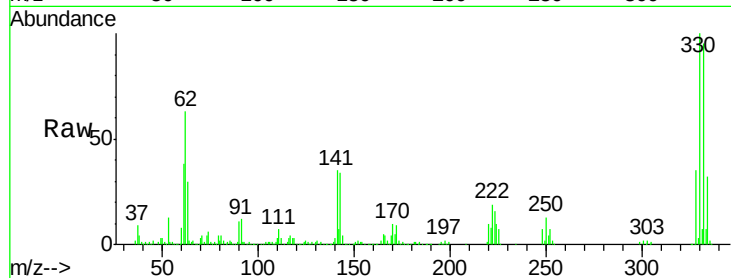




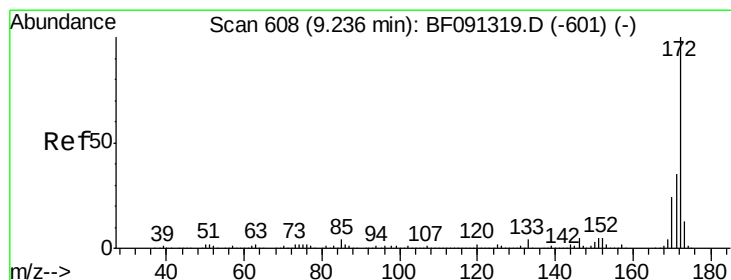
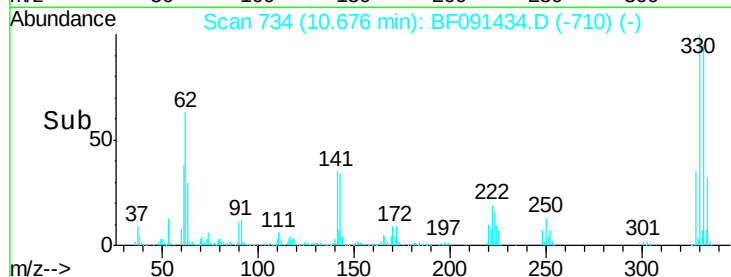
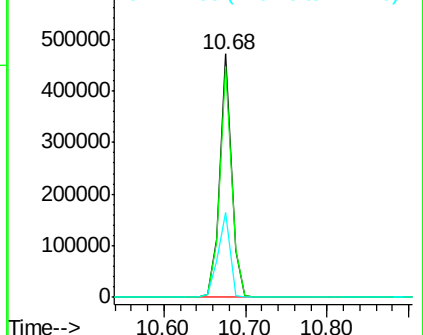
#41
 2,4,6-Tribromophenol
 Concen: 142.64 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.03 min
 Lab File: BF091434.D
 Acq: 5 Dec 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion:330 Resp: 472805
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 35.8 33.6 50.4

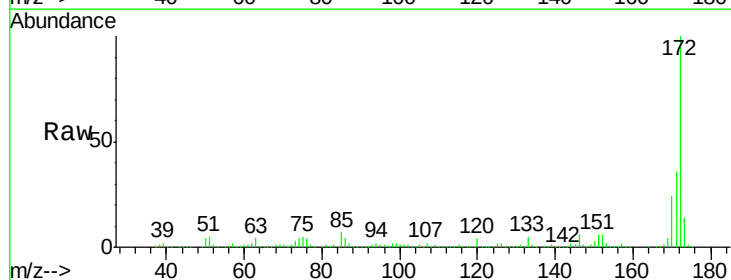


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

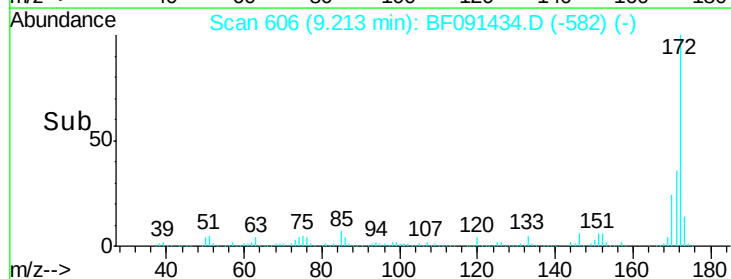
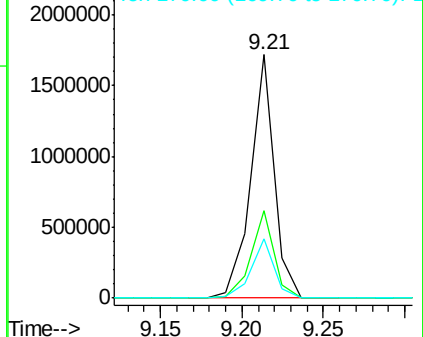


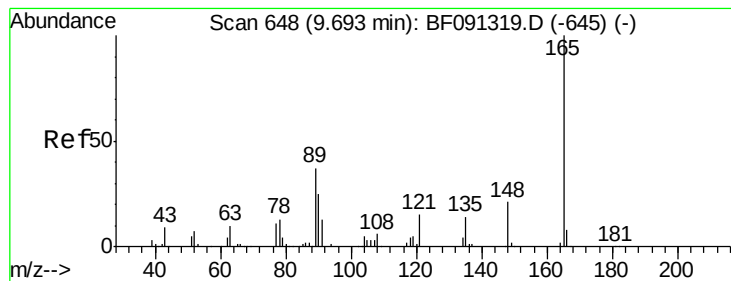
#44
 2-Fluorobiphenyl
 Concen: 88.85 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF091434.D
 Acq: 5 Dec 2016 22:45

Tgt Ion:172 Resp: 1718159
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

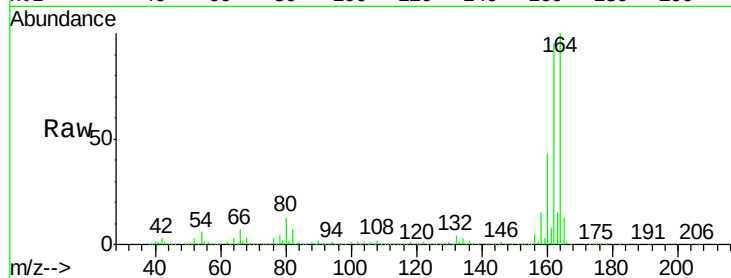




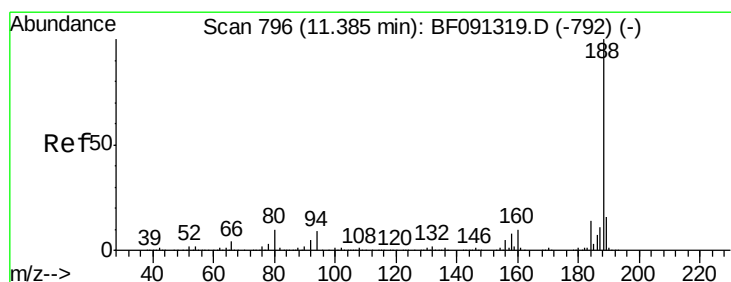
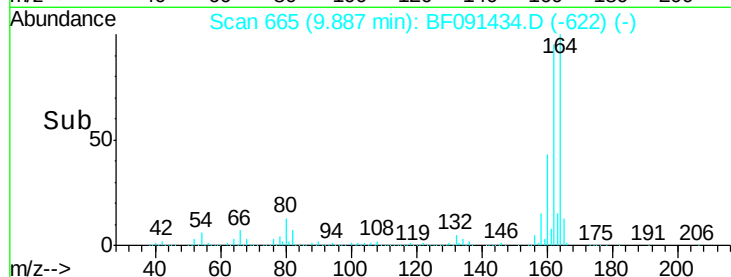
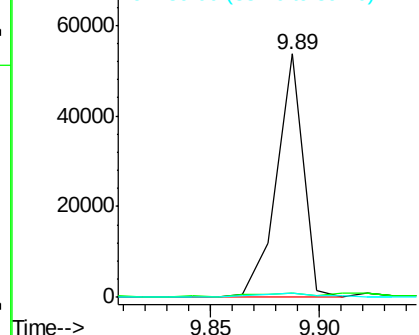
#50
 2,6-Dinitrotoluene
 Concen: 9.78 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.19 min
 Lab File: BF091434.D
 Acq: 5 Dec 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion:165 Resp: 46324
 Ion Ratio Lower Upper
 165 100
 63 1.7 59.4 89.0#
 89 1.5 50.8 76.2#

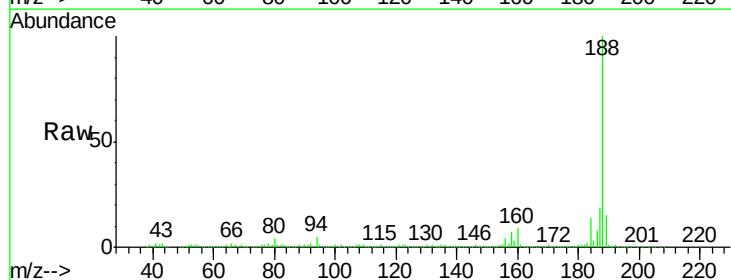


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

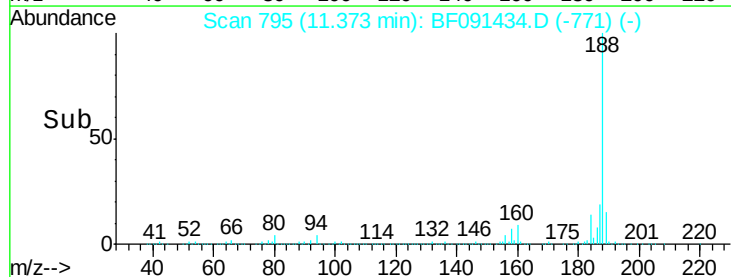
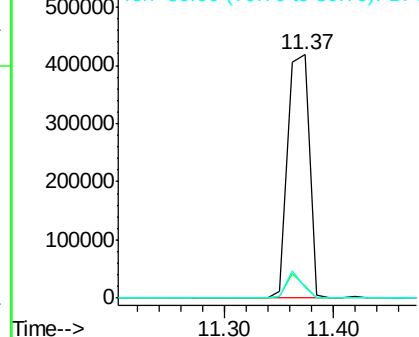


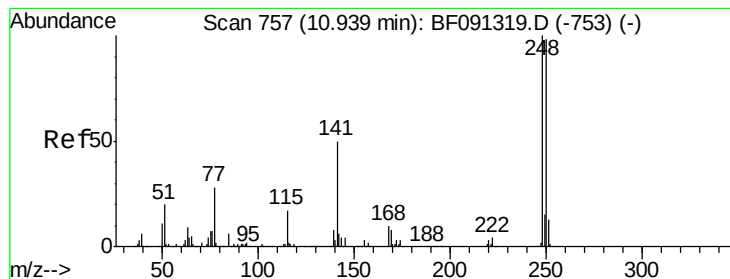
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF091434.D
 Acq: 5 Dec 2016 22:45

Tgt Ion:188 Resp: 579777
 Ion Ratio Lower Upper
 188 100
 94 4.8 9.2 13.8#
 80 4.5 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: 4.80 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.28 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

Instrument :

BNA_F

ClientSampleId :

MW-01

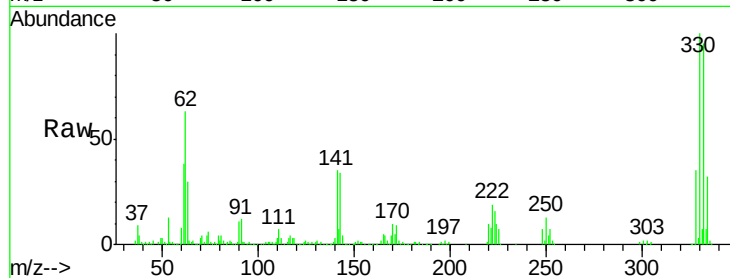
Tgt Ion:248 Resp: 29939

Ion Ratio Lower Upper

248 100

250 198.5 78.2 117.4#

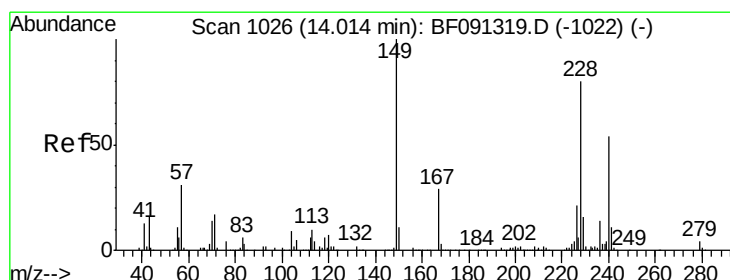
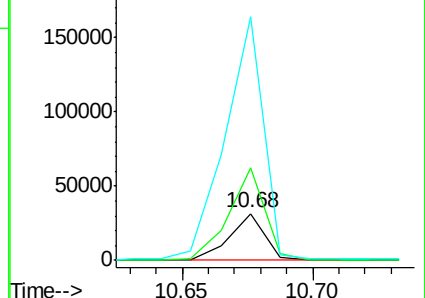
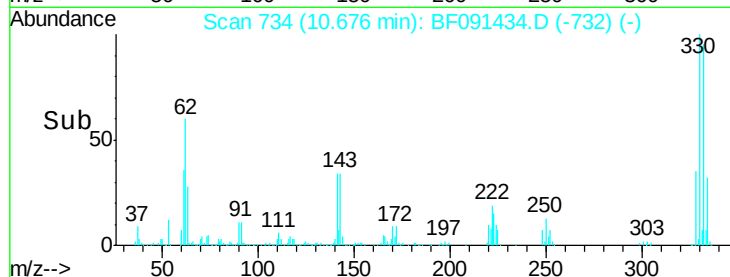
141 520.7 71.9 107.9#



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: BF091434.D

Acq: 5 Dec 2016 22:45

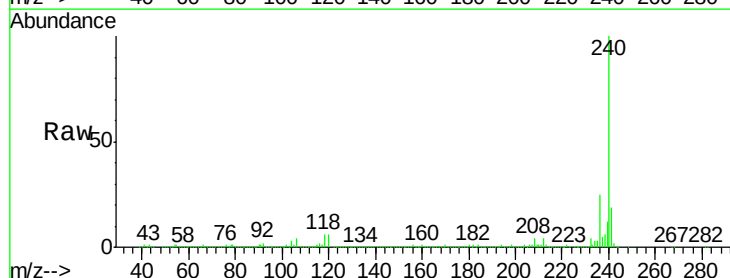
Tgt Ion:240 Resp: 421097

Ion Ratio Lower Upper

240 100

120 6.3 12.1 18.1#

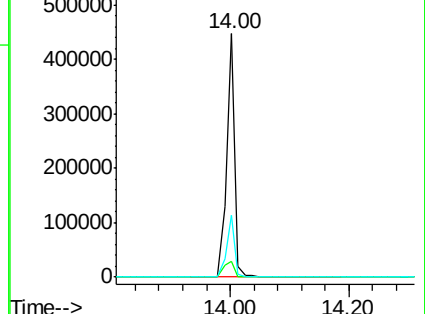
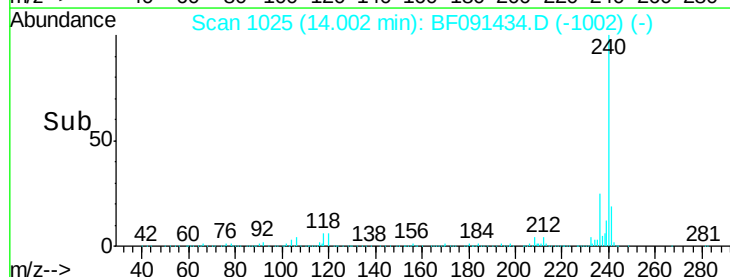
236 25.3 21.0 31.6

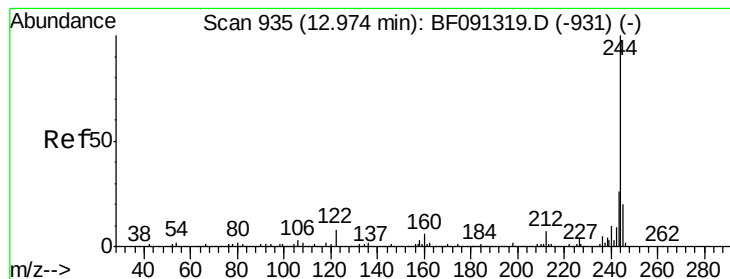


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.95 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

Instrument :

BNA_F

ClientSampleId :

MW-01

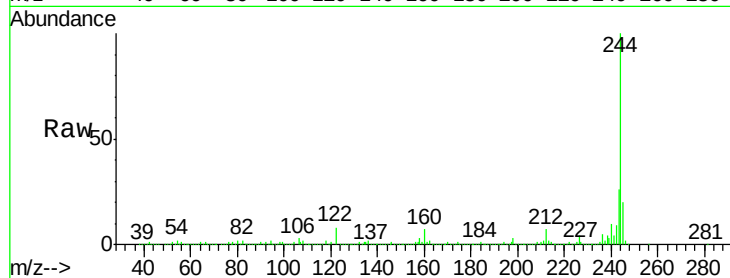
Tgt Ion:244 Resp: 1897611

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

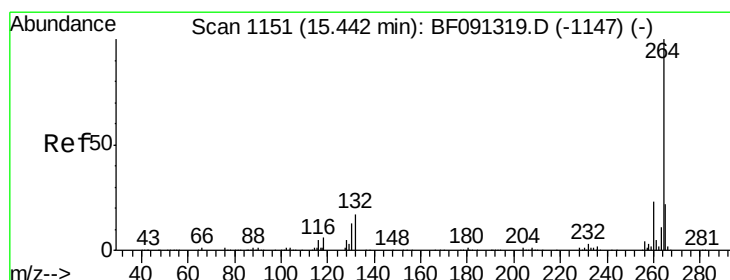
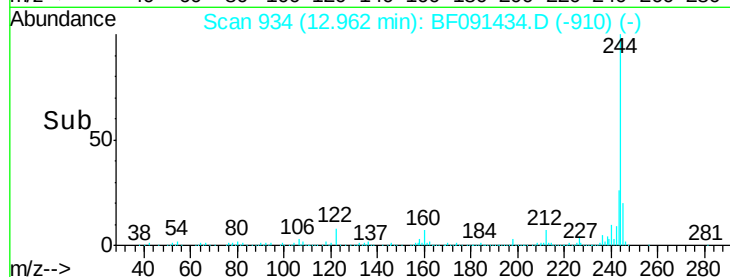
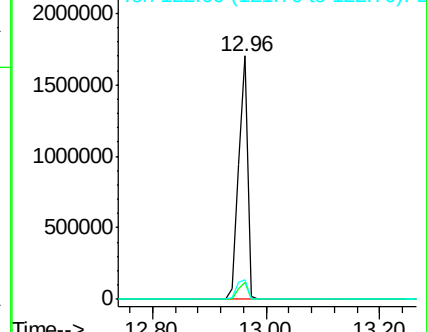
122 8.1 9.5 14.3#



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: 15.43 min Scan# 1150

Delta R.T. -0.04 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

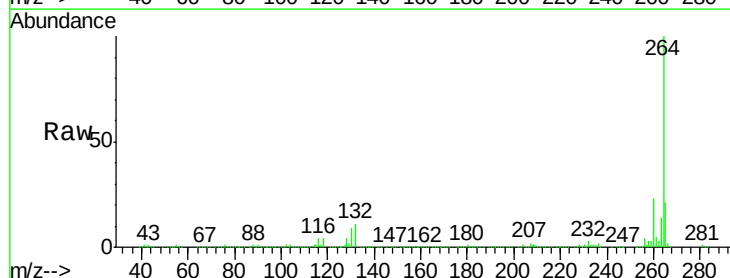
Tgt Ion:264 Resp: 348657

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 21.1 17.0 25.6



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

