

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
 Data File : BF091172.D
 Acq On : 15 Nov 2016 11:41
 Operator : UM/SJ
 Sample : H5643-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-111016

Quant Time: Nov 16 00:17:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

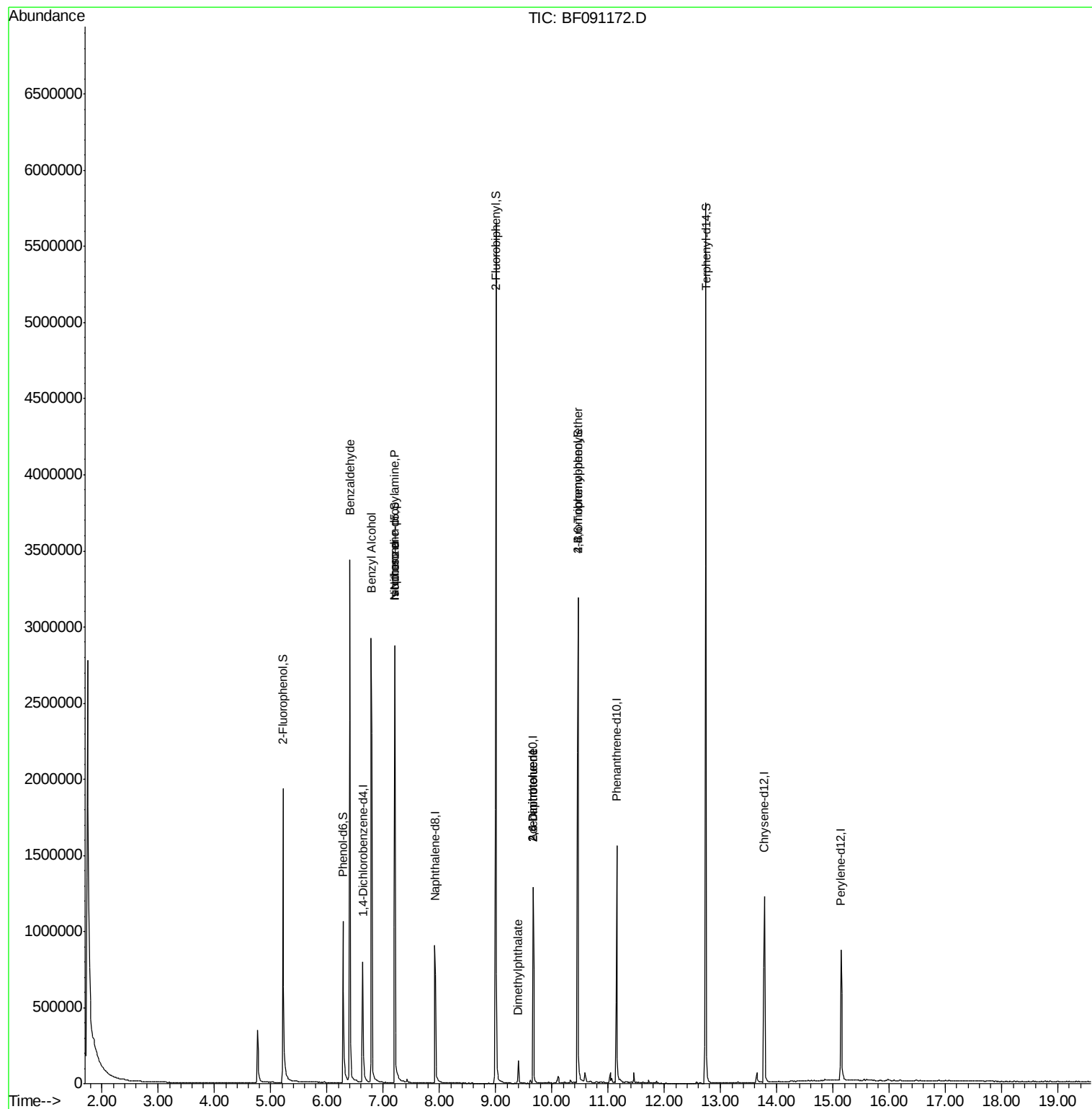
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	149561	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	655328	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	344391	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	634505	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	528671	20.00	ng	-0.03
86) Perylene-d12	15.14	264	403135	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	661828	73.08	ng	-0.02
7) Phenol-d6	6.28	99	528106	42.96	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1182176	98.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	551185	177.03	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1918505	95.91	ng	-0.03
78) Terphenyl-d14	12.74	244	2166136	102.25	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	28260	4.14	ng	Qvalue 92
15) Benzyl Alcohol	6.78	79	18002	2.08	ng	# 55
19) n-Nitroso-di-n-propylamine	7.21	70	156440	18.37	ng	# 77
25) Isophorone	7.21	82	1180417	50.99	ng	# 67
49) Dimethylphthalate	9.40	163	65207	2.89	ng	98
50) 2,6-Dinitrotoluene	9.66	165	44533	9.20	ng	# 11
56) 2,4-Dinitrotoluene	9.66	165	44536	7.23	ng	# 26
66) 4-Bromophenyl-phenylether	10.46	248	37570	5.69	ng	# 1

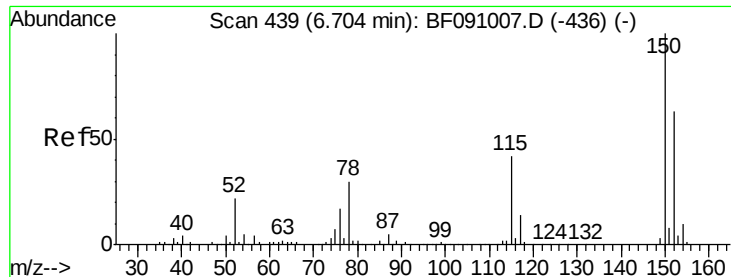
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-111016

Quant Time: Nov 16 00:17:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration



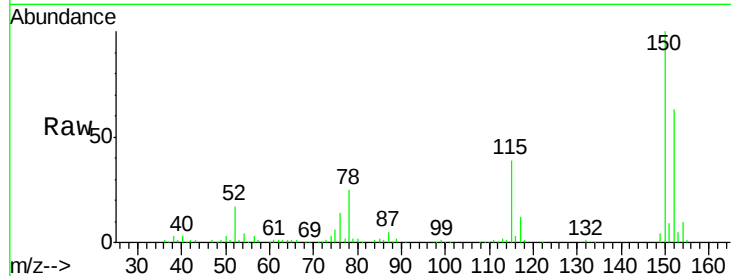


#1

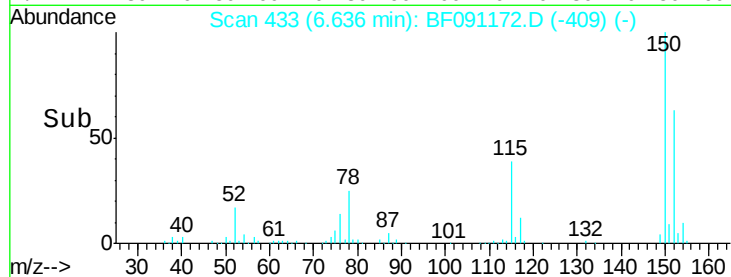
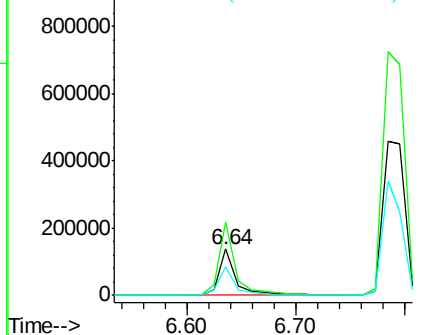
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091172.D
Acq: 15 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
MW-3-111016

Tgt Ion:152 Resp: 149561
Ion Ratio Lower Upper
152 100
150 158.4 126.8 190.2
115 61.6 53.3 79.9



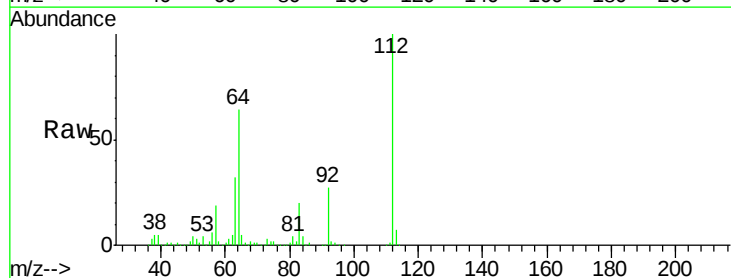
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



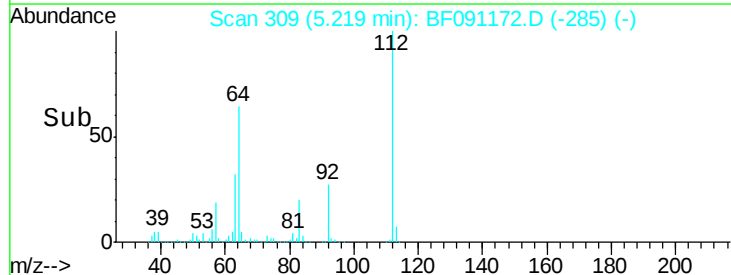
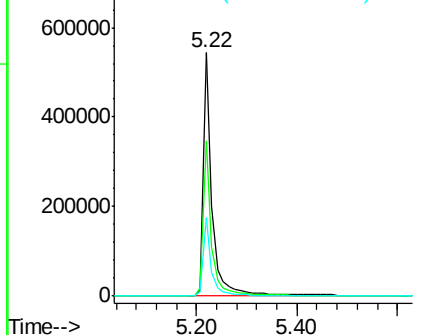
#5

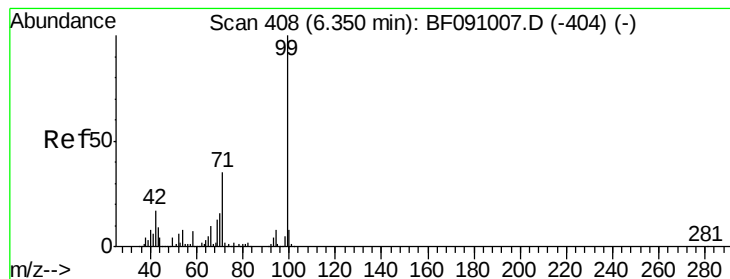
2-Fluorophenol
Concen: 73.08 ng
RT: 5.22 min Scan# 309
Delta R.T. -0.02 min
Lab File: BF091172.D
Acq: 15 Nov 2016 11:41

Tgt Ion:112 Resp: 661828
Ion Ratio Lower Upper
112 100
64 63.8 55.8 83.6
63 32.4 28.0 42.0



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: 42.96 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

MW-3-111016

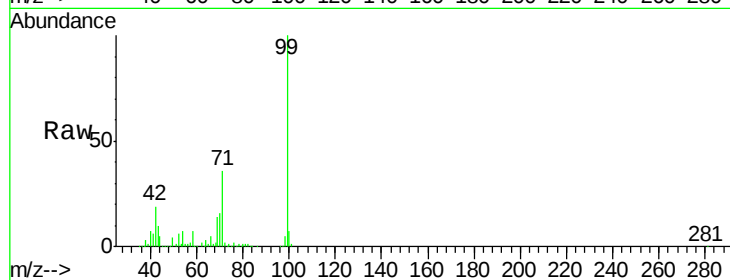
Tgt Ion: 99 Resp: 528106

Ion Ratio Lower Upper

99 100

42 18.8 13.9 20.9

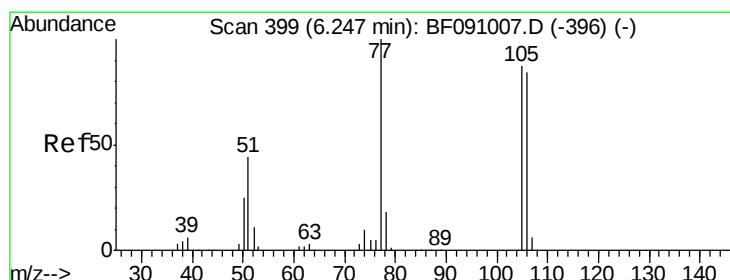
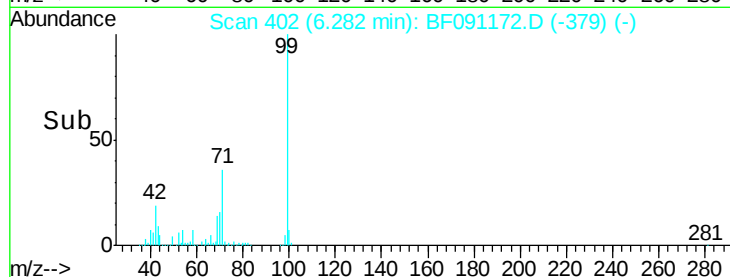
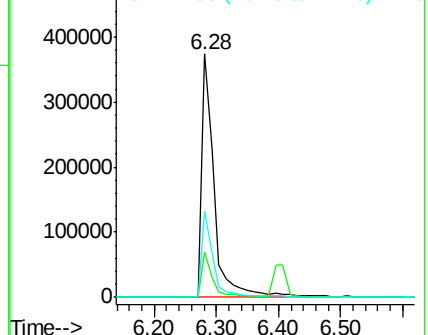
71 35.6 27.8 41.8



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: 4.14 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.21 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

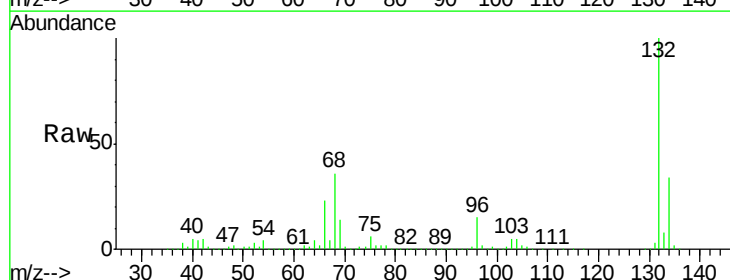
Tgt Ion: 77 Resp: 28260

Ion Ratio Lower Upper

77 100

105 83.9 66.8 106.8

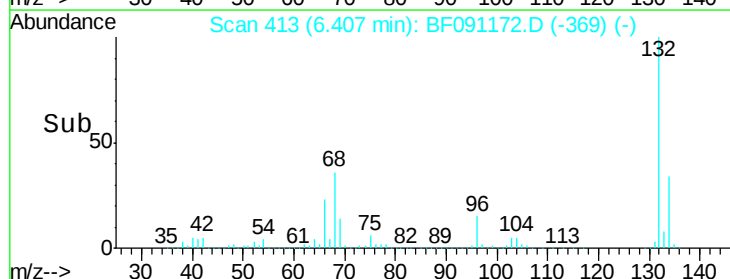
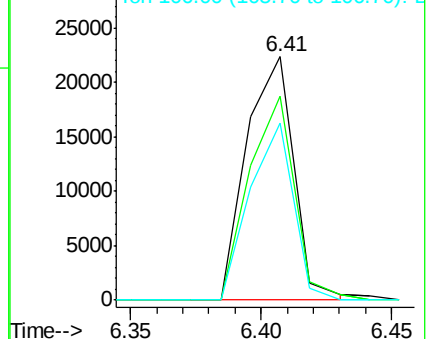
106 72.9 64.0 104.0

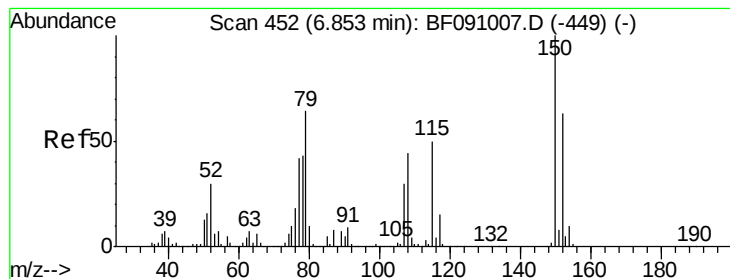


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

MW-3-111016

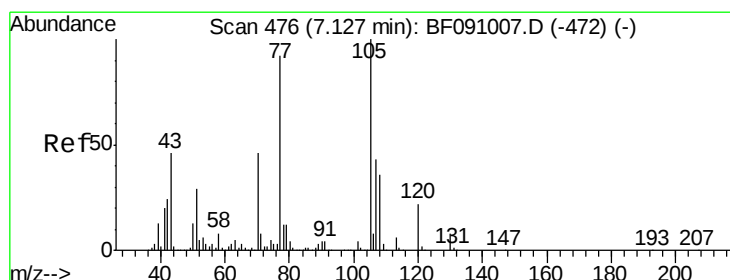
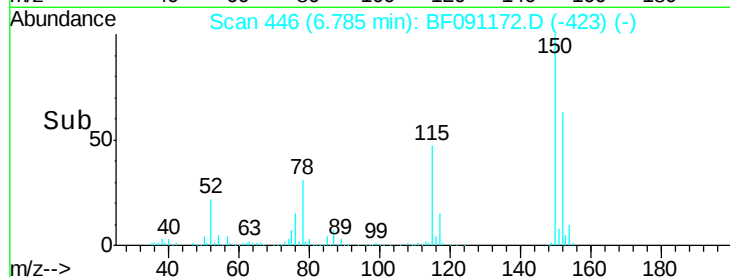
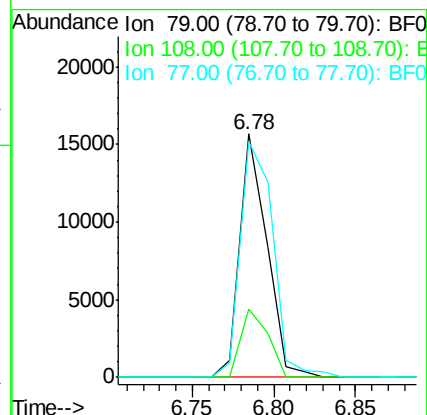
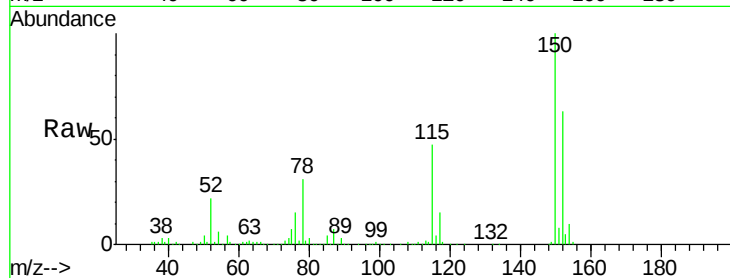
Tgt Ion: 79 Resp: 18002

Ion Ratio Lower Upper

79 100

108 27.9 55.7 83.5#

77 96.7 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 18.37 ng

RT: 7.21 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

Tgt Ion: 70 Resp: 156440

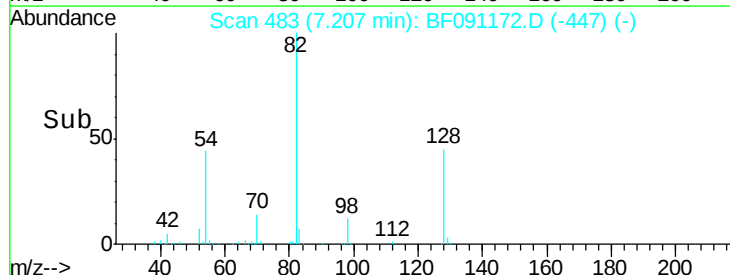
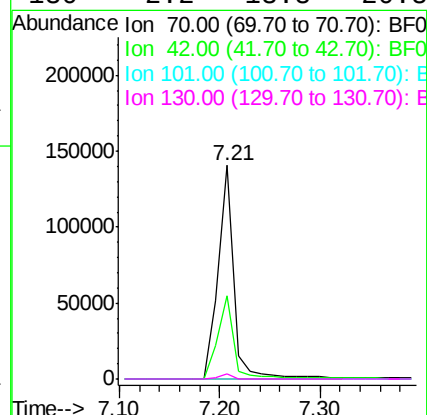
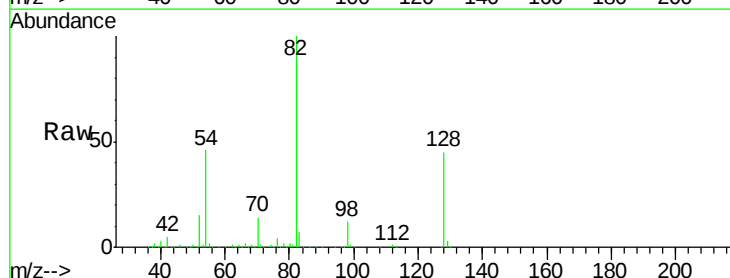
Ion Ratio Lower Upper

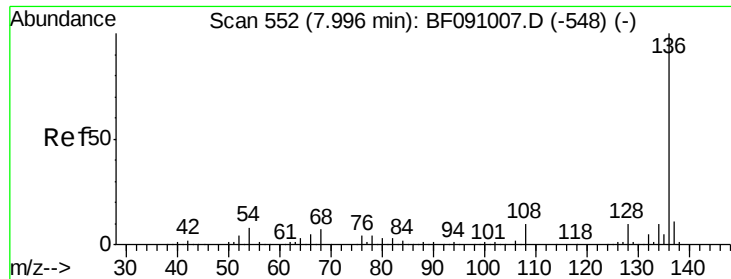
70 100

42 38.8 41.7 62.5#

101 0.0 6.7 10.1#

130 2.2 13.8 20.8#

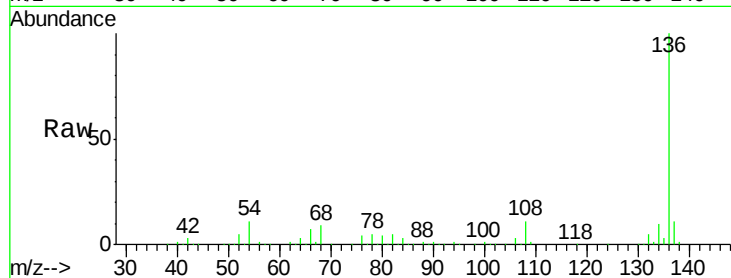




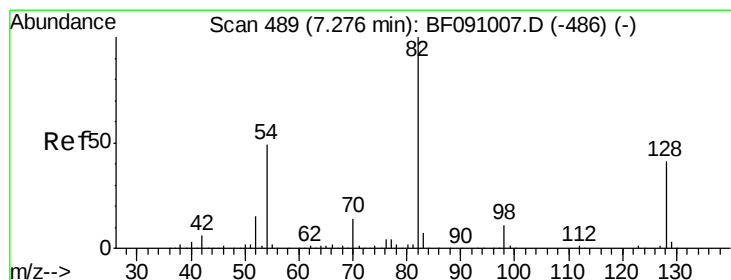
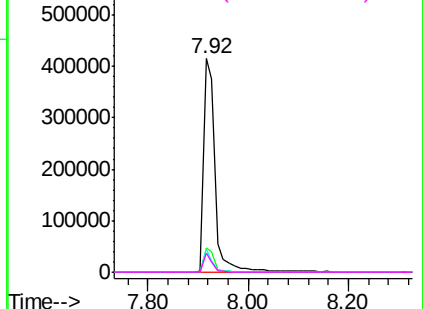
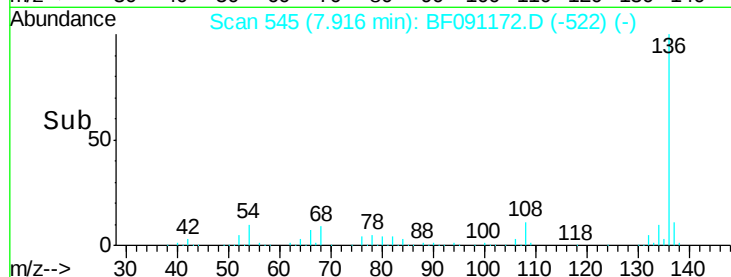
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091172.D
Acq: 15 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
MW-3-111016

Tgt Ion:	136	Resp:	655328
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.6	6.2	9.2#
68	9.1	5.5	8.3#

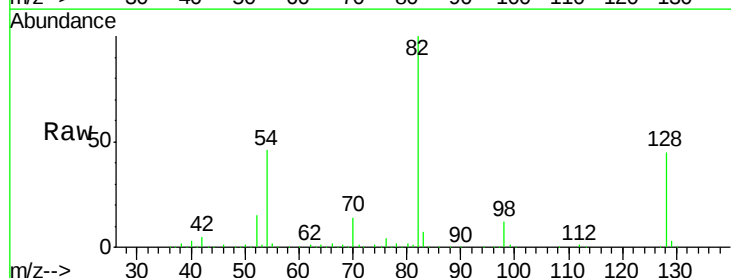


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

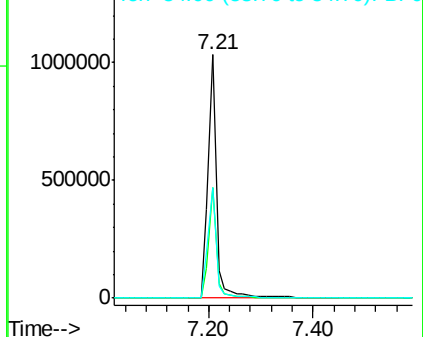
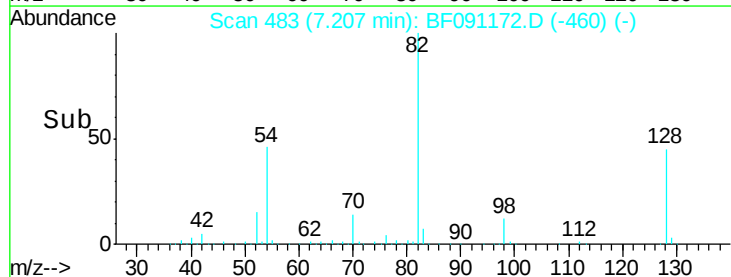


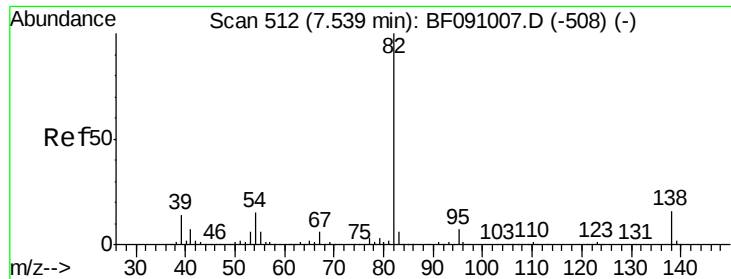
#23
Nitrobenzene-d5
Concen: 98.41 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091172.D
Acq: 15 Nov 2016 11:41

Tgt Ion:	82	Resp:	1182176
Ion	Ratio	Lower	Upper
82	100		
128	45.2	32.4	48.6
54	45.6	39.2	58.8



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: 50.99 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.29 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

MW-3-111016

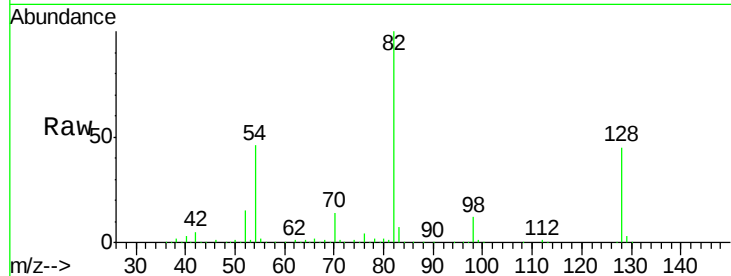
Tgt Ion: 82 Resp: 1180417

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

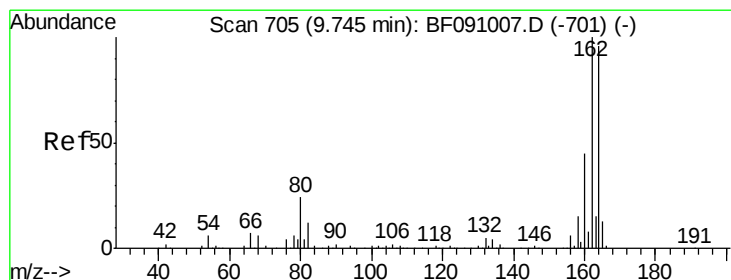
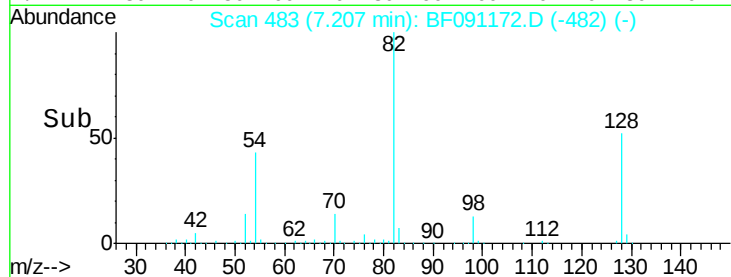
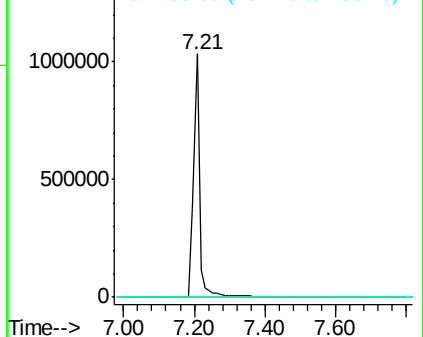
138 0.0 13.0 19.4#



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: 9.66 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

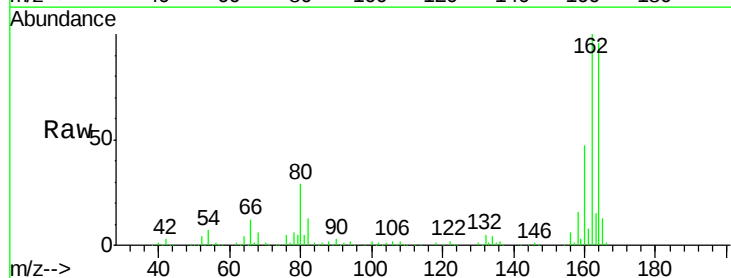
Tgt Ion: 164 Resp: 344391

Ion Ratio Lower Upper

164 100

162 103.9 83.6 125.4

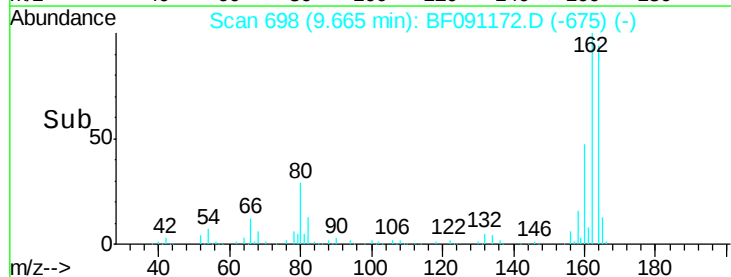
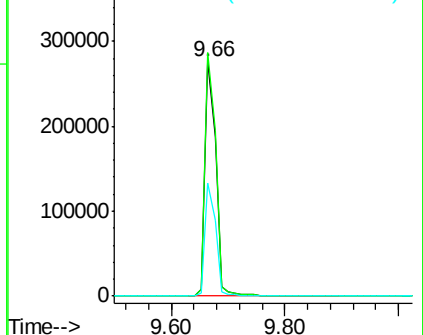
160 48.4 37.9 56.9

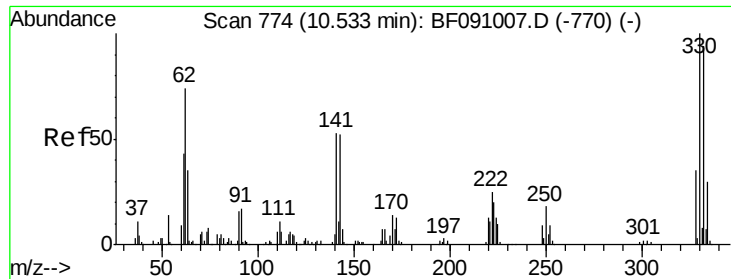


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

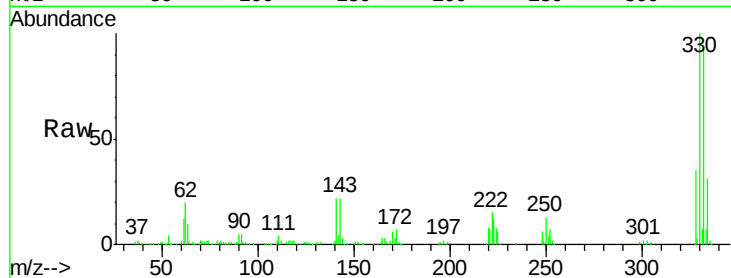




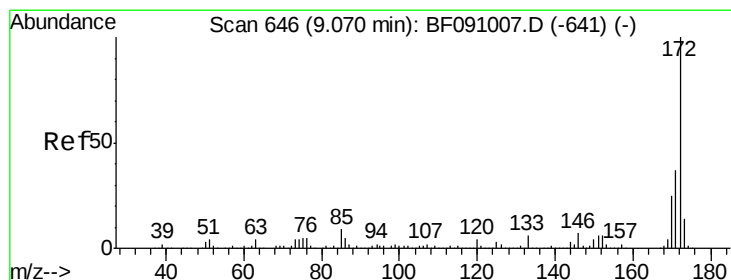
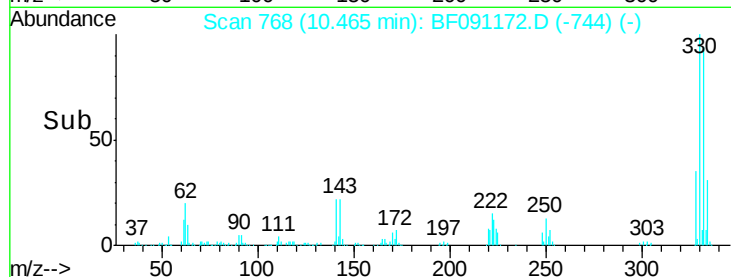
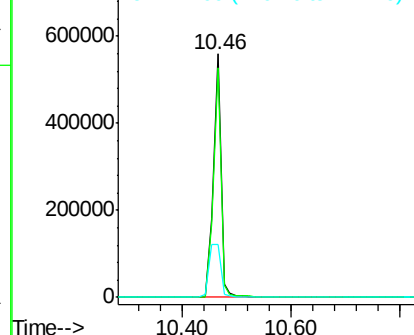
#41
 2,4,6-Tribromophenol
 Concen: 177.03 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091172.D
 Acq: 15 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-111016

Tgt Ion:330 Resp: 551185
 Ion Ratio Lower Upper
 330 100
 332 94.2 75.9 113.9
 141 33.9 36.1 54.1#

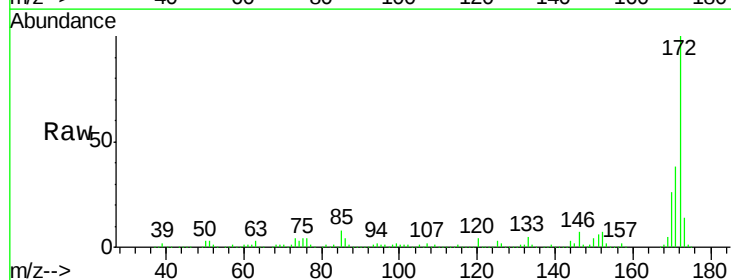


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

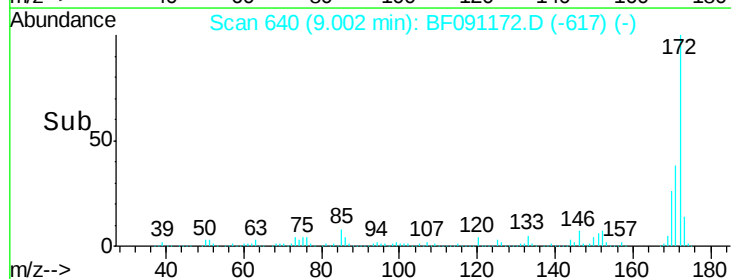
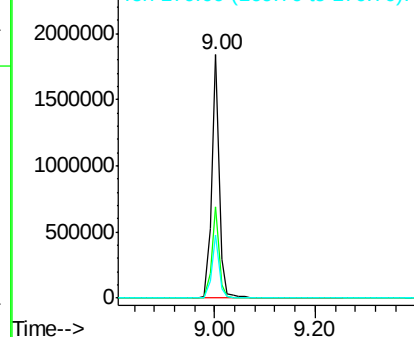


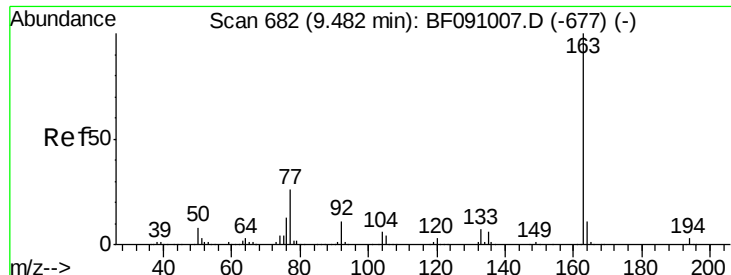
#44
 2-Fluorobiphenyl
 Concen: 95.91 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091172.D
 Acq: 15 Nov 2016 11:41

Tgt Ion:172 Resp: 1918505
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 26.0 20.3 30.5



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

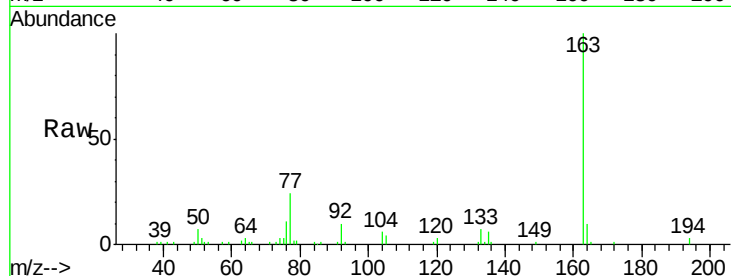




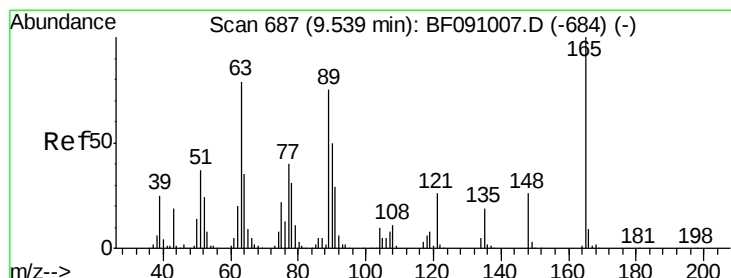
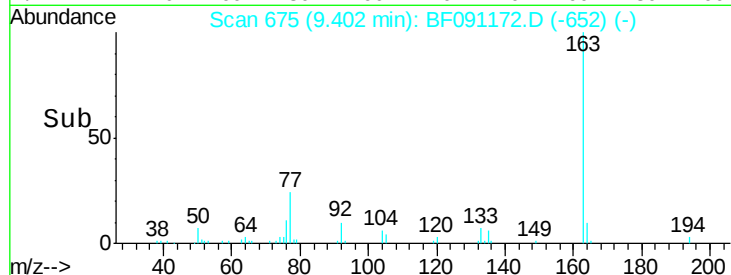
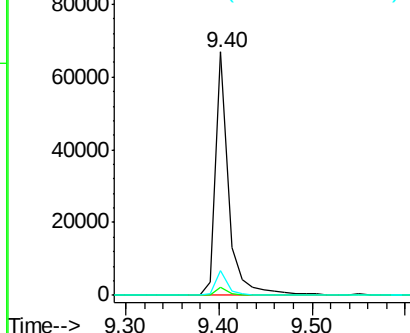
#49
Dimethylphthalate
Concen: 2.89 ng
RT: 9.40 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF091172.D
Acq: 15 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
MW-3-111016

Tgt Ion:163 Resp: 65207
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.0 8.7 13.1

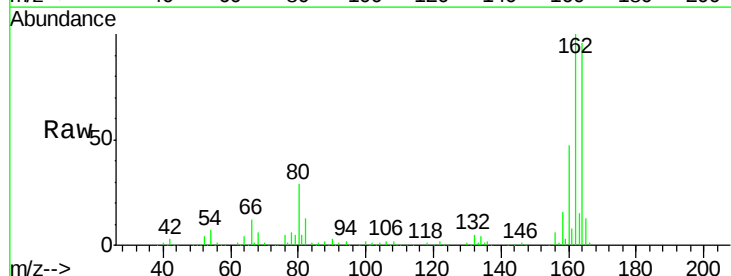


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

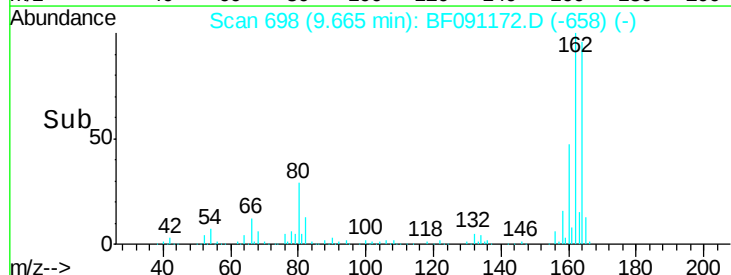
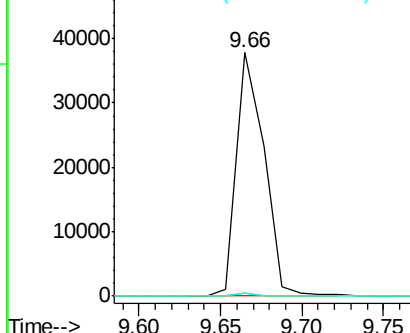


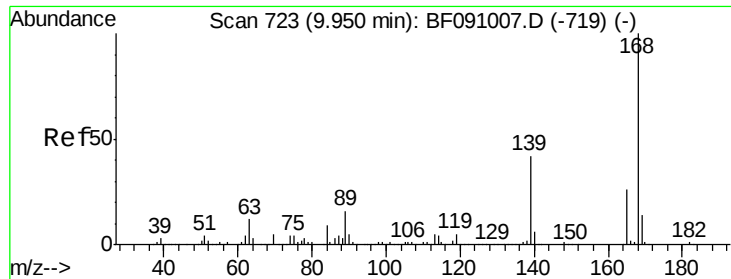
#50
2,6-Dinitrotoluene
Concen: 9.20 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.16 min
Lab File: BF091172.D
Acq: 15 Nov 2016 11:41

Tgt Ion:165 Resp: 44533
Ion Ratio Lower Upper
165 100
63 1.1 65.6 98.4#
89 1.2 59.8 89.6#



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

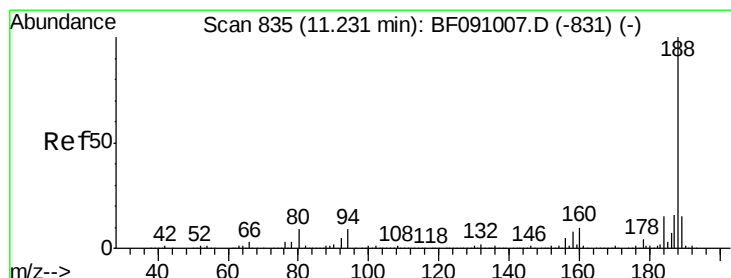
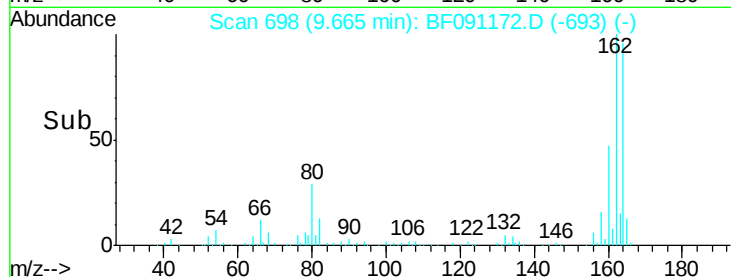
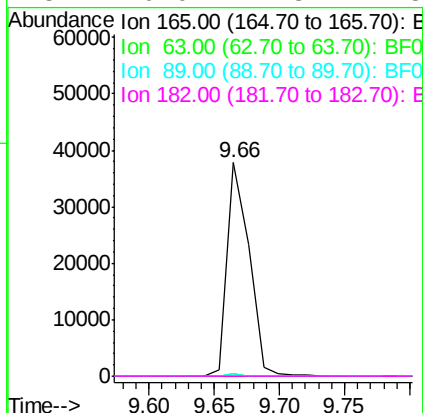
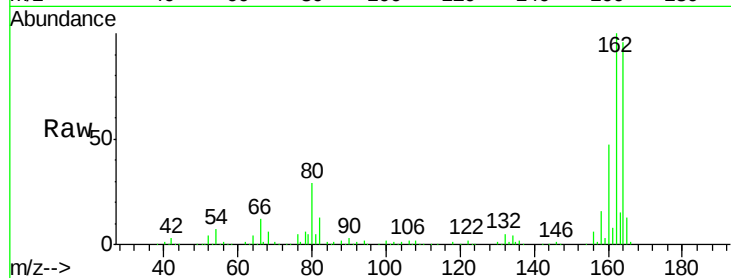




#56
 2,4-Dinitrotoluene
 Concen: 7.23 ng
 RT: 9.66 min Scan# 698
 Delta R.T. -0.24 min
 Lab File: BF091172.D
 Acq: 15 Nov 2016 11:41

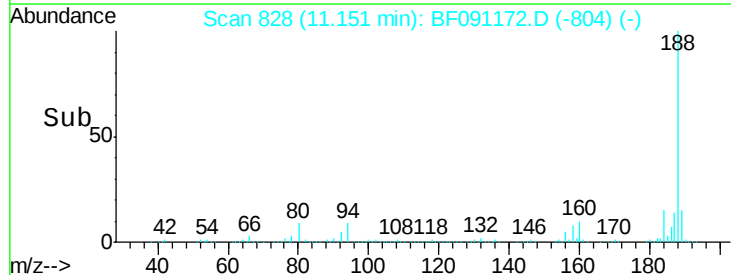
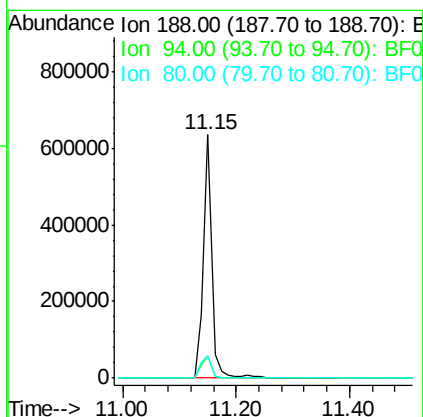
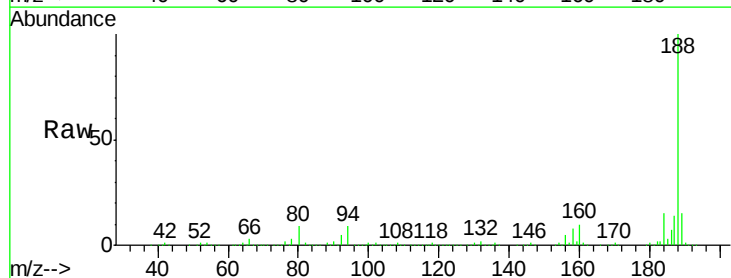
Instrument :
 BNA_F
 ClientSampleId :
 MW-3-111016

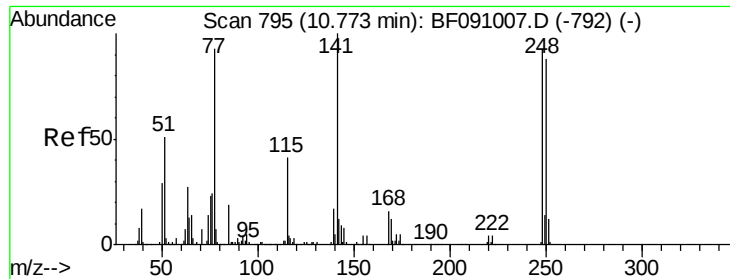
Tgt Ion:165 Resp: 44536
 Ion Ratio Lower Upper
 165 100
 63 1.1 38.7 58.1#
 89 1.2 50.6 76.0#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF091172.D
 Acq: 15 Nov 2016 11:41

Tgt Ion:188 Resp: 634505
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.0 10.4
 80 9.3 7.5 11.3





#66

4-Bromophenyl-phenylether

Concen: 5.69 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.26 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

MW-3-111016

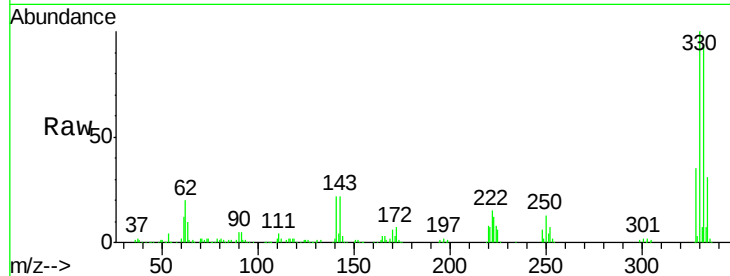
Tgt Ion:248 Resp: 37570

Ion Ratio Lower Upper

248 100

250 203.4 76.3 114.5#

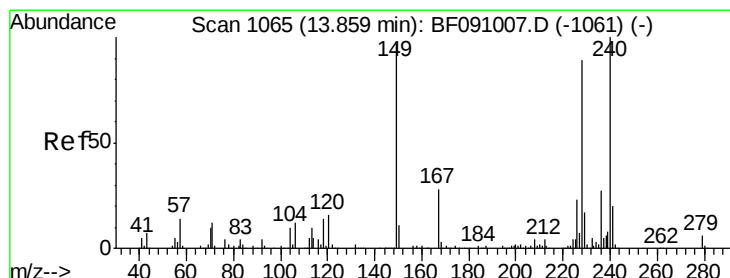
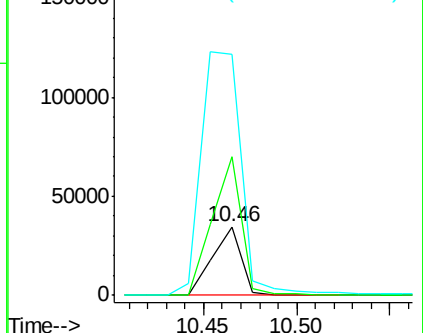
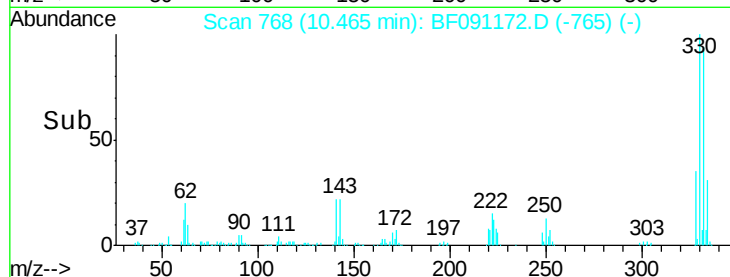
141 352.0 86.8 130.2#



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: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

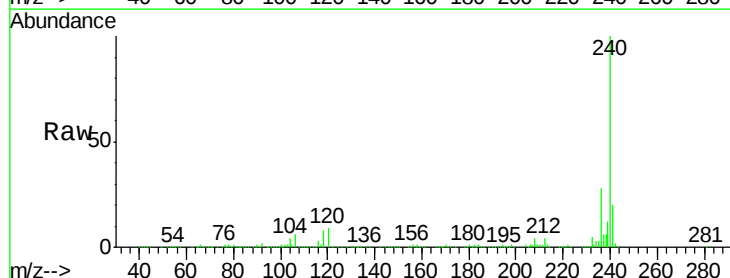
Tgt Ion:240 Resp: 528671

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

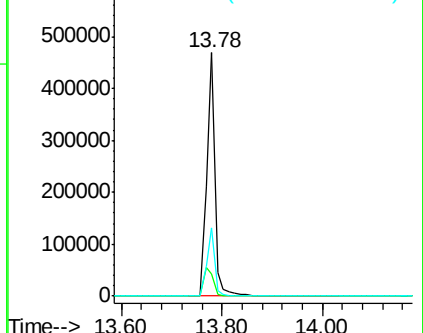
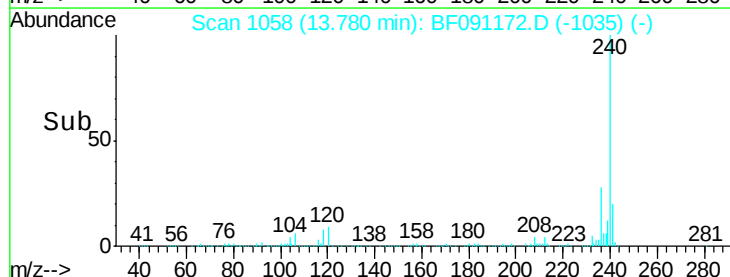
236 27.8 21.9 32.9

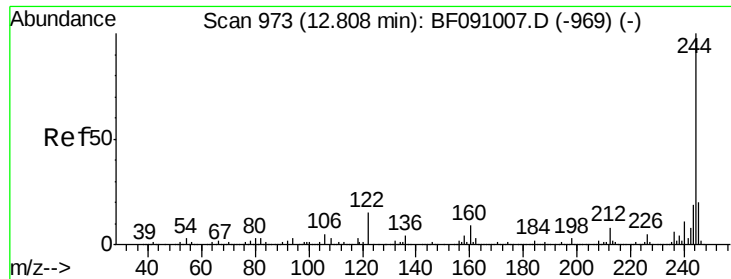


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

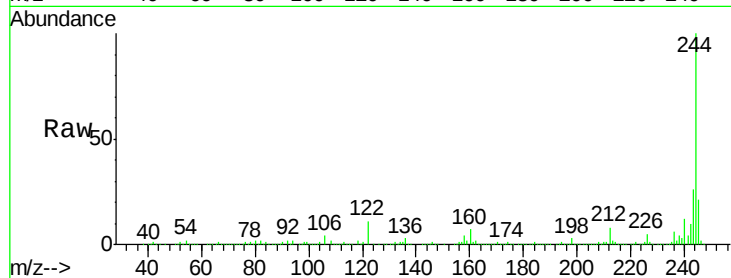




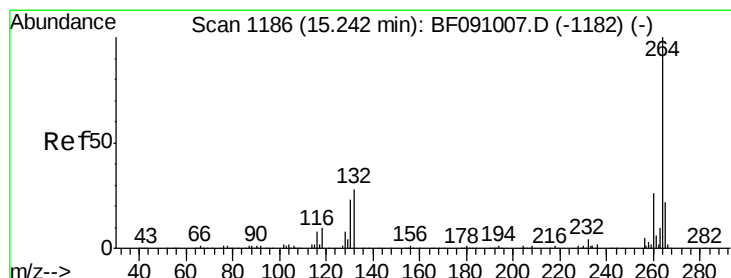
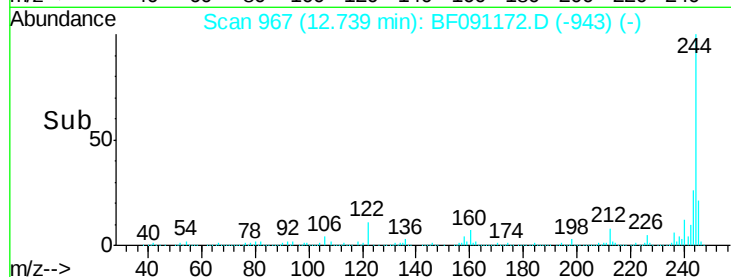
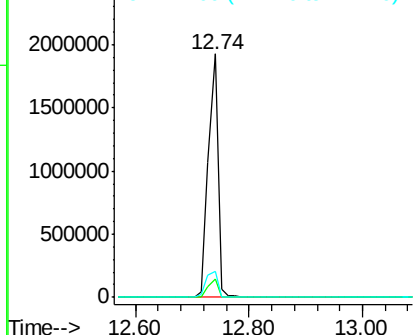
#78
 Terphenyl-d14
 Concen: 102.25 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091172.D
 Acq: 15 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-111016

Tgt Ion:244 Resp: 2166136
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 10.6 12.3 18.5#

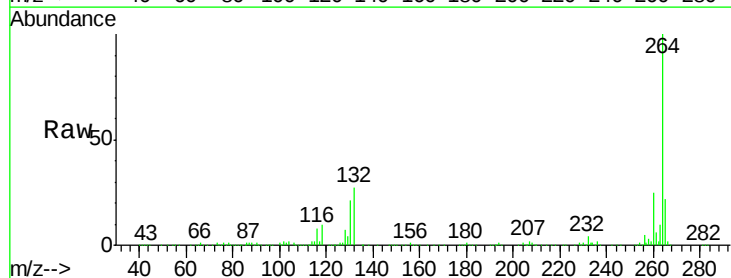


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091172.D
 Acq: 15 Nov 2016 11:41

Tgt Ion:264 Resp: 403135
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.6 30.8
 265 22.2 17.8 26.8



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

