

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
 Data File : BF091170.D
 Acq On : 15 Nov 2016 10:46
 Operator : UM/SJ
 Sample : H5643-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-111016

Quant Time: Nov 16 00:17:12 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

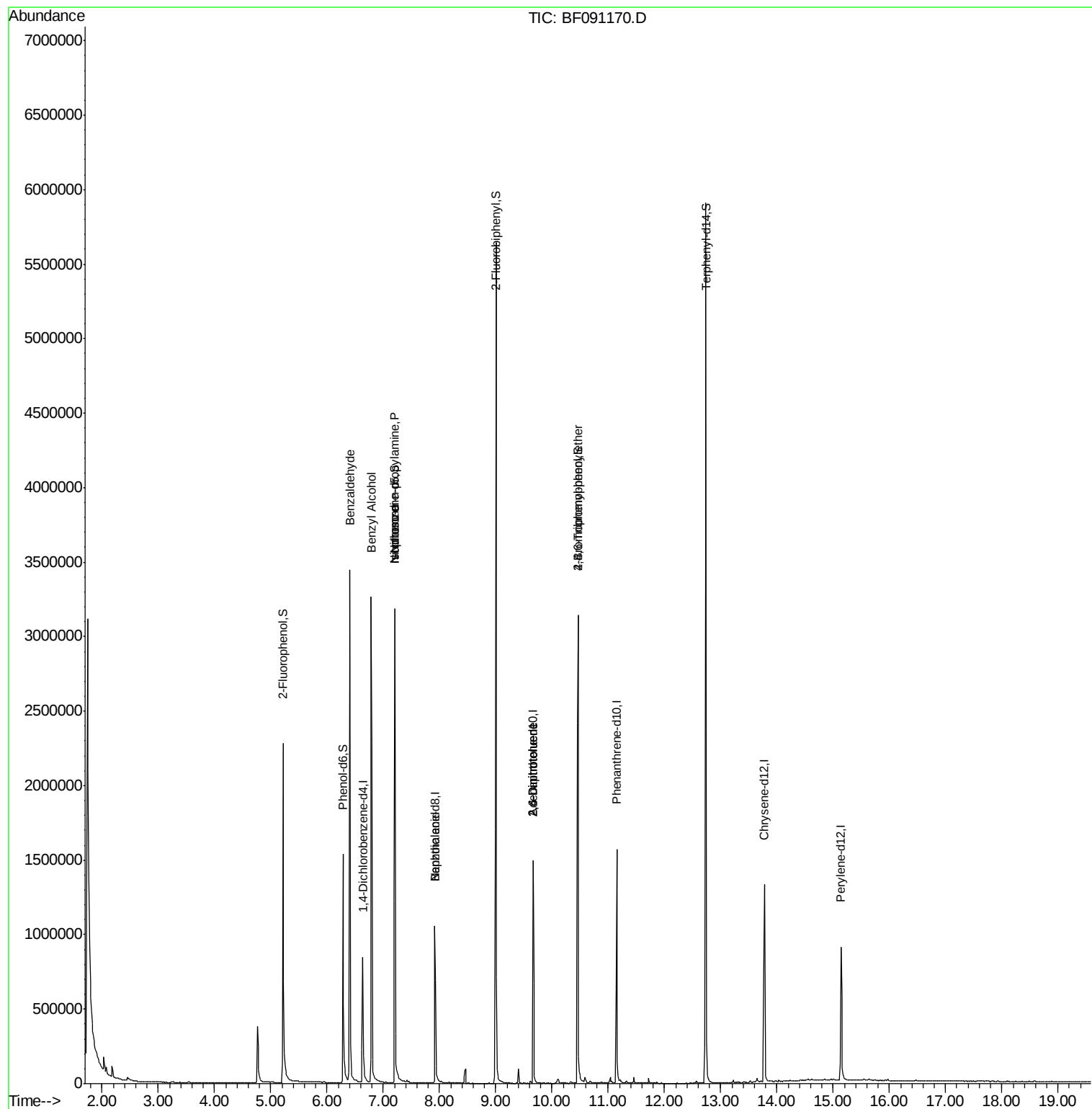
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	160901	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	687919	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	368348	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	667751	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	558694	20.00	ng	-0.03
86) Perylene-d12	15.14	264	411450	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	750900	77.08	ng	-0.02
7) Phenol-d6	6.28	99	646805	48.91	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1304639	103.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	588163	176.62	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1921845	89.83	ng	-0.03
78) Terphenyl-d14	12.74	244	2234333	99.80	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.41	77	30739	4.19	ng	93
15) Benzyl Alcohol	6.78	79	19842	2.13	ng	# 51
19) n-Nitroso-di-n-propylamine	7.21	70	177907	19.41	ng	# 77
25) Isophorone	7.21	82	1283189	52.81	ng	# 67
32) Benzoic acid	7.92	122	439	5.13	ng	# 1
50) 2,6-Dinitrotoluene	9.66	165	47099	9.10	ng	# 11
56) 2,4-Dinitrotoluene	9.66	165	47094	7.15	ng	# 26
66) 4-Bromophenyl-phenylether	10.46	248	39963	5.75	ng	# 1

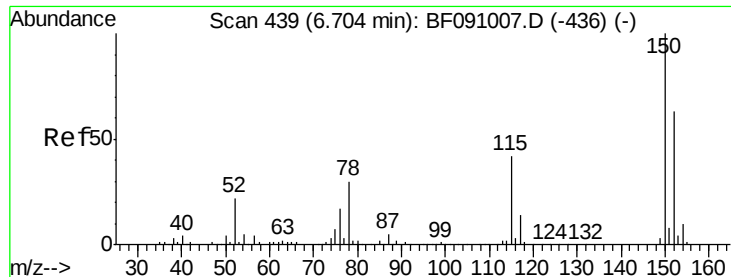
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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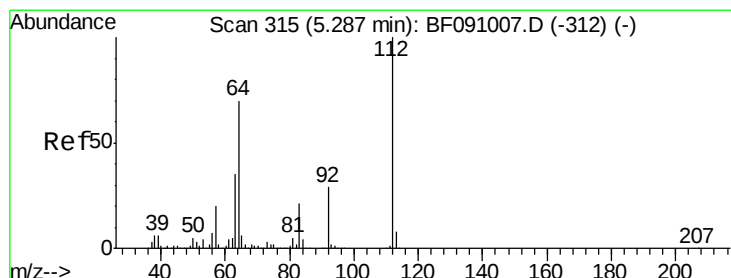
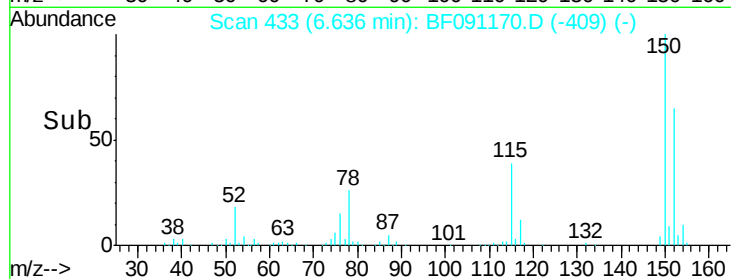
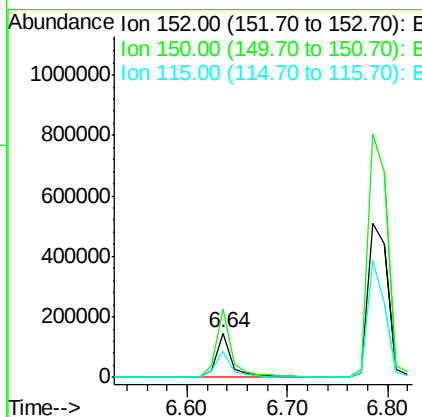
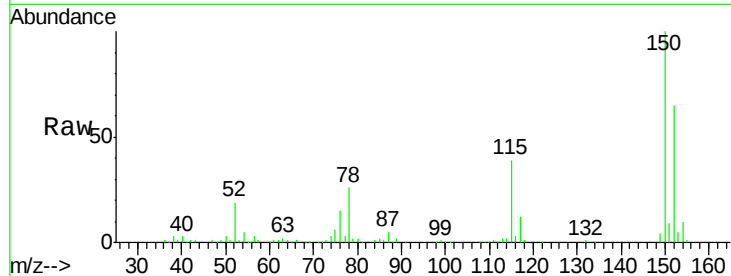




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF091170.D
 Acq: 15 Nov 2016 10:46

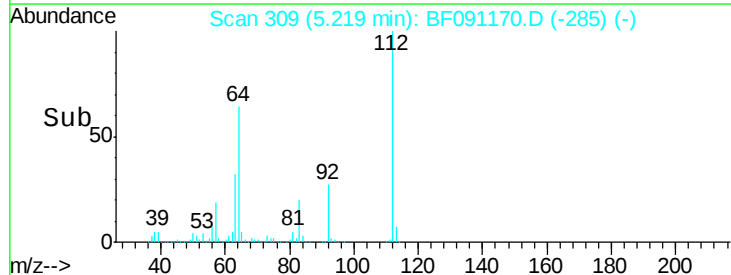
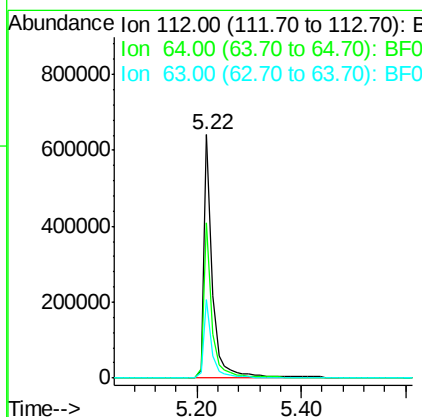
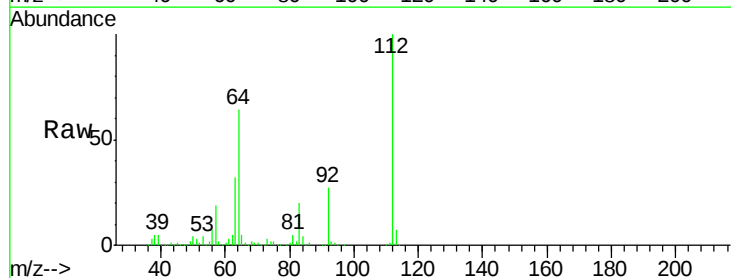
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-111016

Tgt Ion:152 Resp: 160901
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.8 190.2
 115 60.2 53.3 79.9



#5
 2-Fluorophenol
 Concen: 77.08 ng
 RT: 5.22 min Scan# 309
 Delta R.T. -0.02 min
 Lab File: BF091170.D
 Acq: 15 Nov 2016 10:46

Tgt Ion:112 Resp: 750900
 Ion Ratio Lower Upper
 112 100
 64 64.0 55.8 83.6
 63 32.3 28.0 42.0





#7

Phenol-d6

Concen: 48.91 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091170.D

Acq: 15 Nov 2016 10:46

Instrument :

BNA_F

ClientSampleId :

MW-1-111016

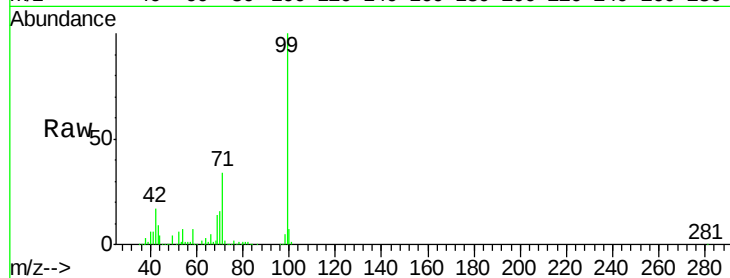
Tgt Ion: 99 Resp: 646805

Ion Ratio Lower Upper

99 100

42 17.1 13.9 20.9

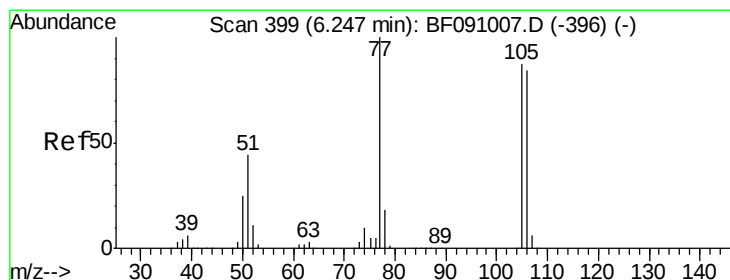
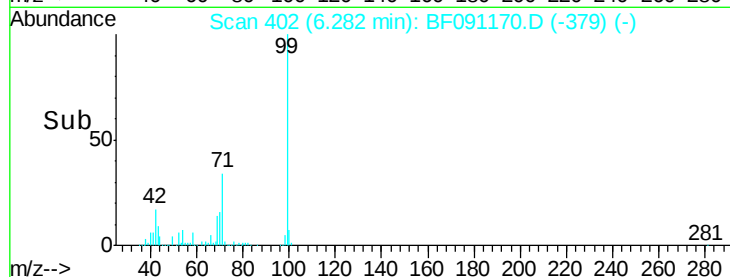
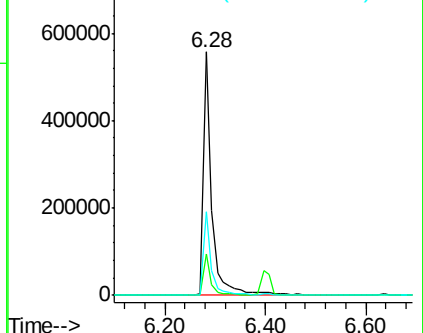
71 34.2 27.8 41.8



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: 4.19 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.21 min

Lab File: BF091170.D

Acq: 15 Nov 2016 10:46

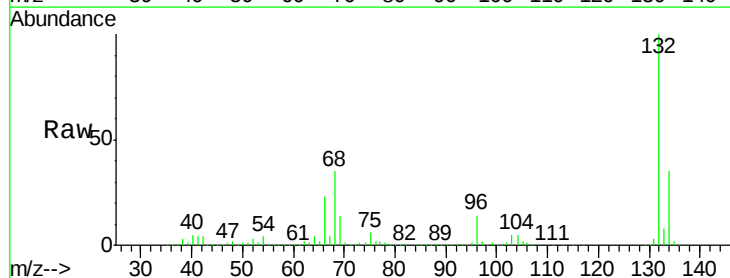
Tgt Ion: 77 Resp: 30739

Ion Ratio Lower Upper

77 100

105 84.8 66.8 106.8

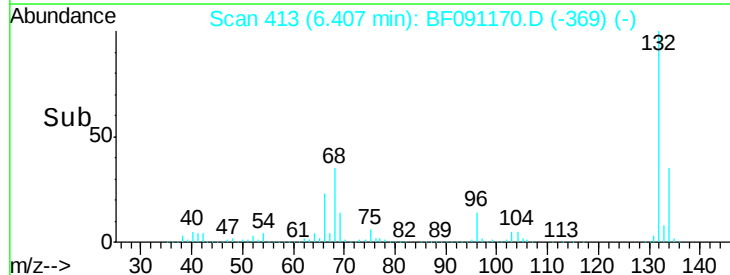
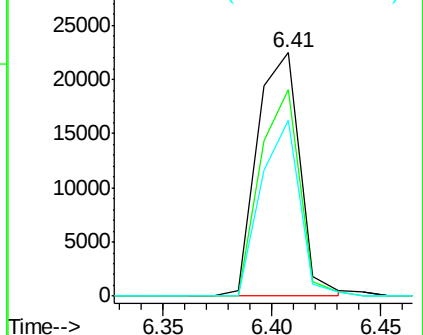
106 72.4 64.0 104.0

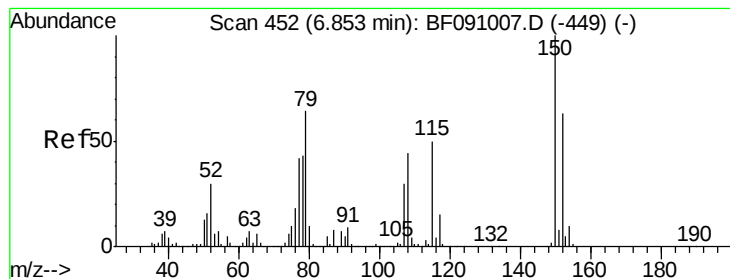


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091170.D

Acq: 15 Nov 2016 10:46

Instrument :

BNA_F

ClientSampleId :

MW-1-111016

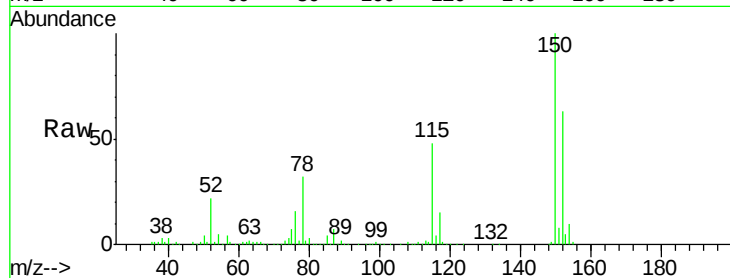
Tgt Ion: 79 Resp: 19842

Ion Ratio Lower Upper

79 100

108 26.3 55.7 83.5#

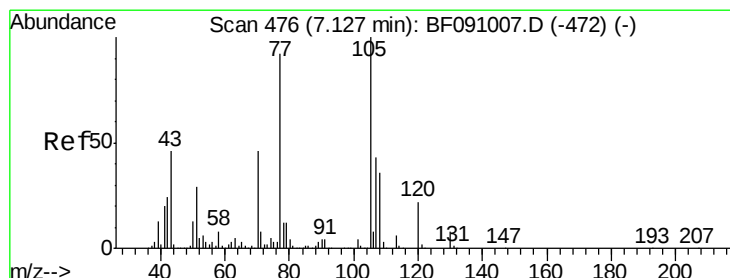
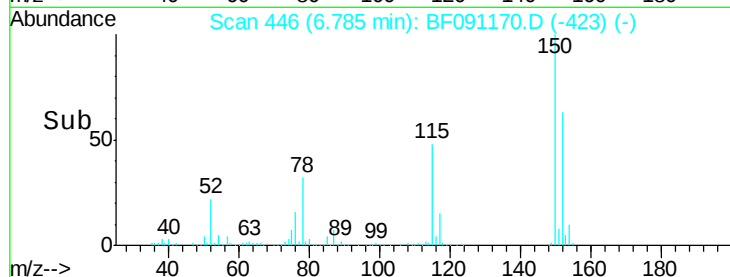
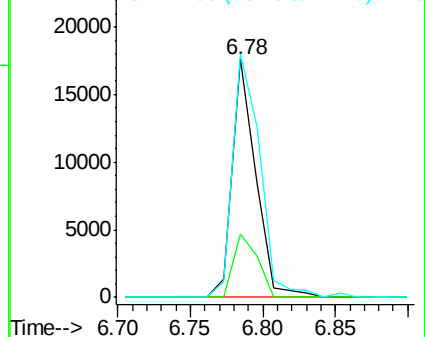
77 102.1 52.6 79.0#



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: 19.41 ng

RT: 7.21 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF091170.D

Acq: 15 Nov 2016 10:46

Tgt Ion: 70 Resp: 177907

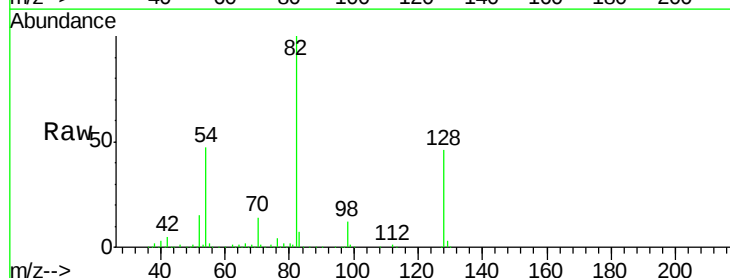
Ion Ratio Lower Upper

70 100

42 38.4 41.7 62.5#

101 0.0 6.7 10.1#

130 2.2 13.8 20.8#

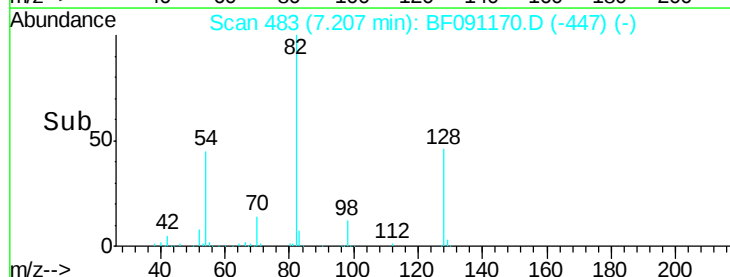
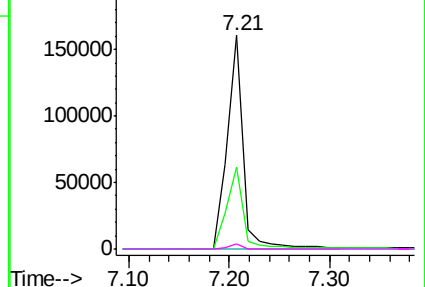


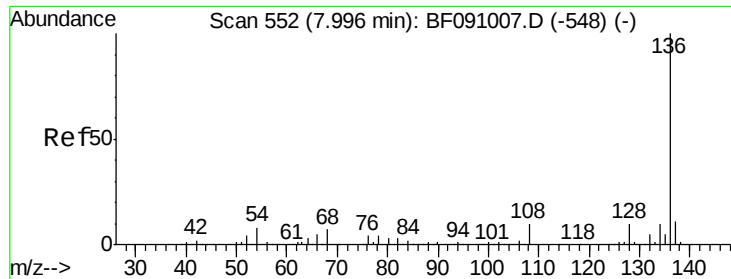
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

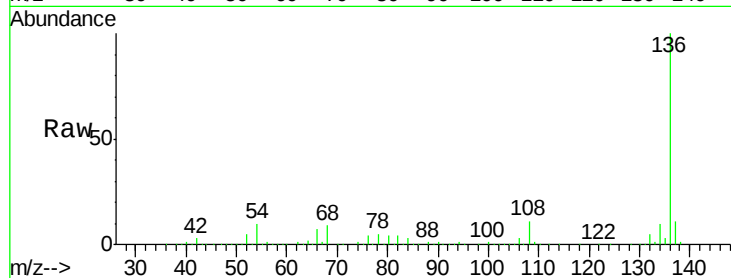




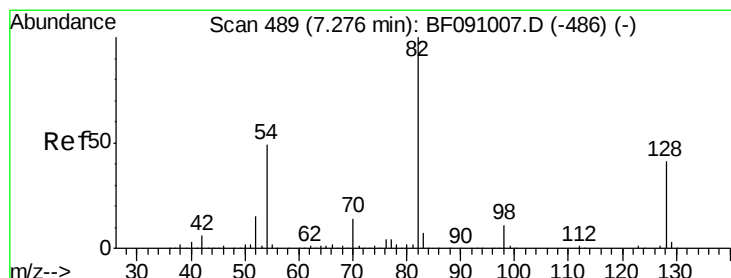
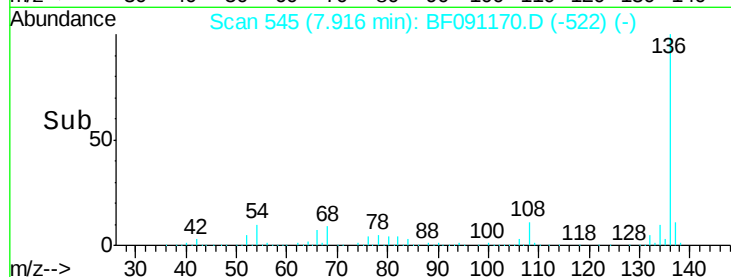
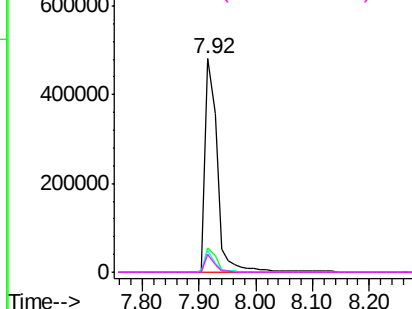
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091170.D
Acq: 15 Nov 2016 10:46

Instrument :
BNA_F
ClientSampleId :
MW-1-111016

Tgt Ion:	136	Resp:	687919
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.3	6.2	9.2#
68	8.5	5.5	8.3#

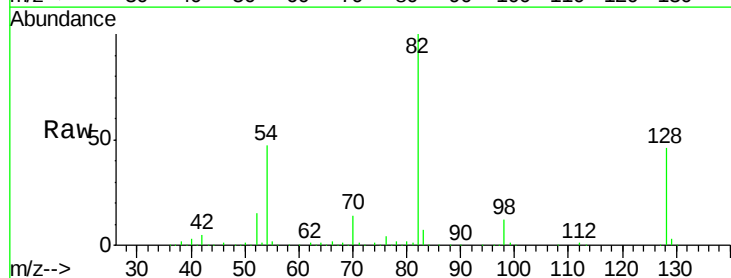


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

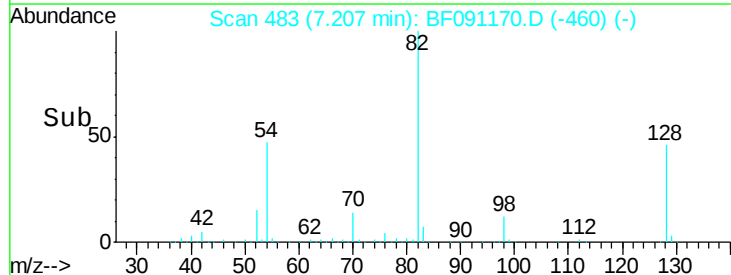
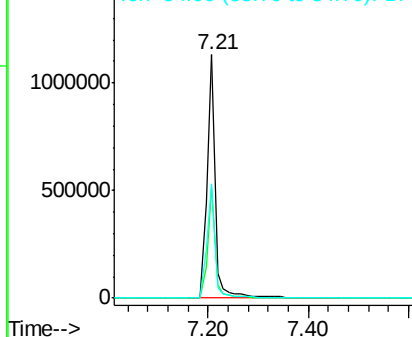


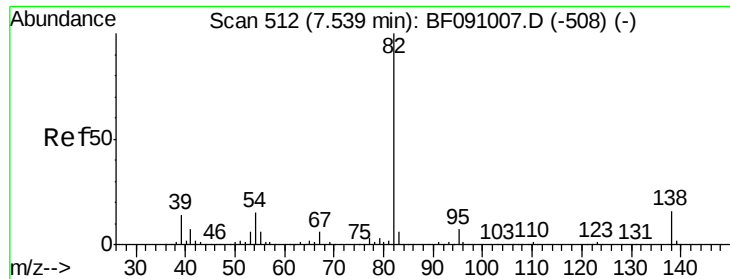
#23
Nitrobenzene-d5
Concen: 103.46 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091170.D
Acq: 15 Nov 2016 10:46

Tgt Ion:	82	Resp:	1304639
Ion	Ratio	Lower	Upper
82	100		
128	45.6	32.4	48.6
54	46.8	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: 52.81 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.29 min

Lab File: BF091170.D

Acq: 15 Nov 2016 10:46

Instrument :

BNA_F

ClientSampleId :

MW-1-111016

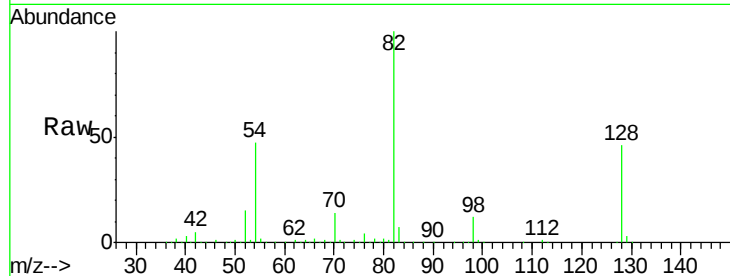
Tgt Ion: 82 Resp: 1283189

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

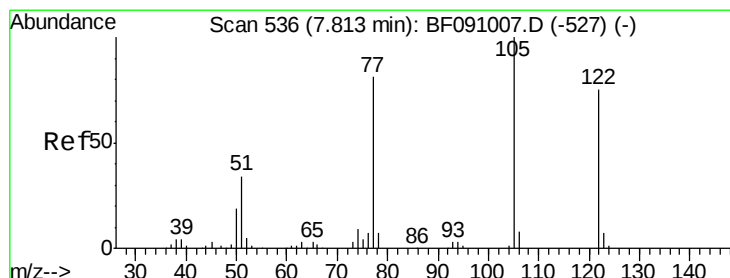
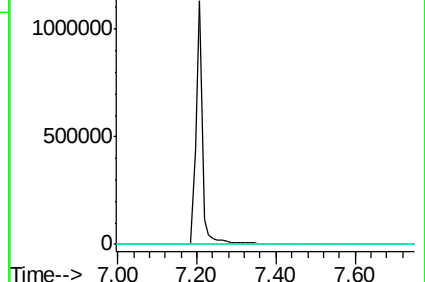
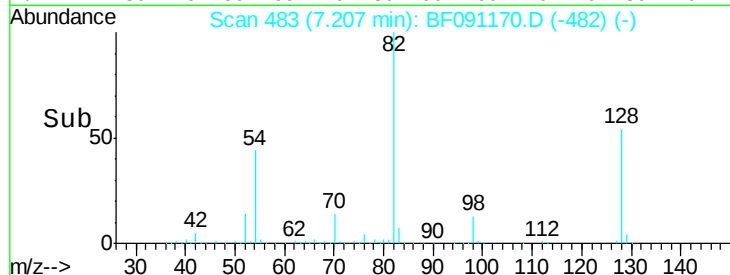
138 0.0 13.0 19.4#



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



#32

Benzoic acid

Concen: 5.13 ng

RT: 7.92 min Scan# 545

Delta R.T. 0.14 min

Lab File: BF091170.D

Acq: 15 Nov 2016 10:46

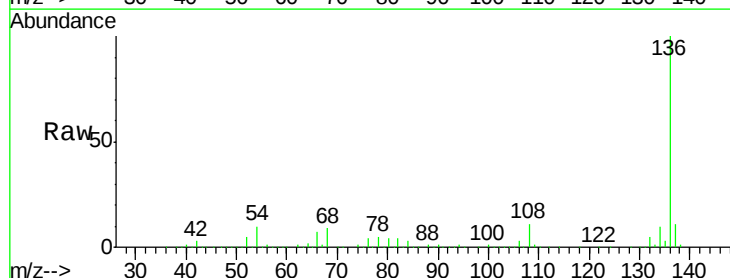
Tgt Ion: 122 Resp: 439

Ion Ratio Lower Upper

122 100

105 148.1 105.9 145.9#

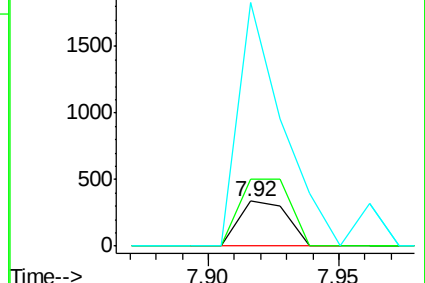
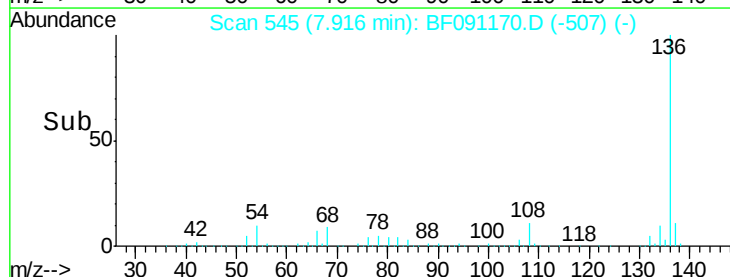
77 540.1 84.0 124.0#

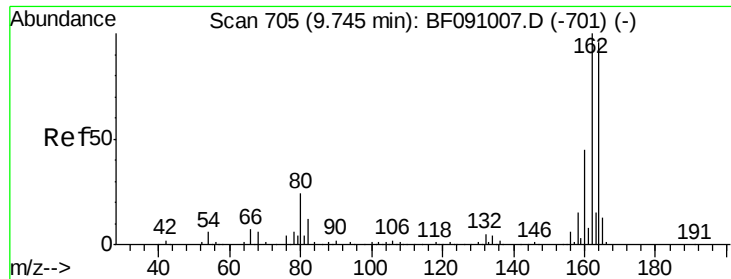


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

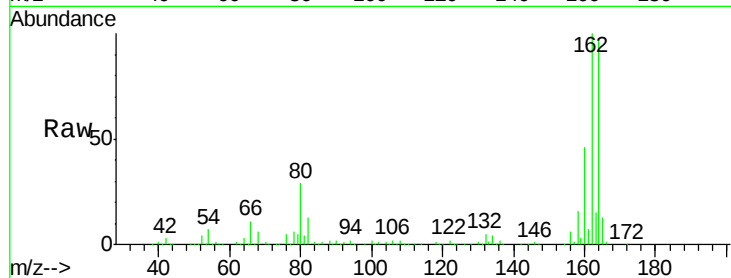




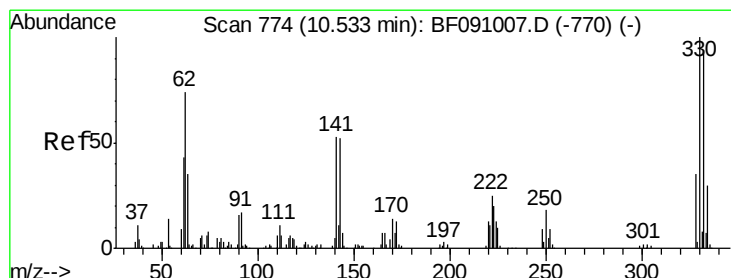
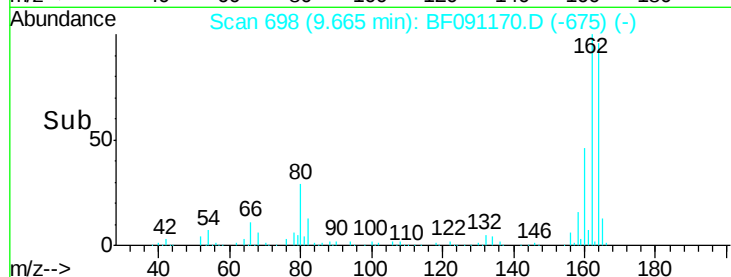
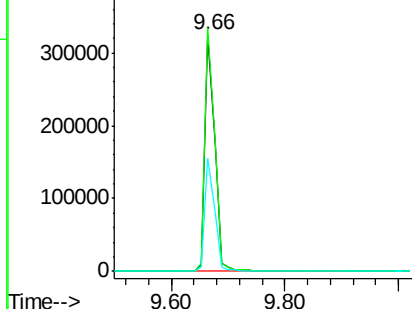
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF091170.D
Acq: 15 Nov 2016 10:46

Instrument :
BNA_F
ClientSampleId :
MW-1-111016

Tgt Ion:164 Resp: 368348
Ion Ratio Lower Upper
164 100
162 102.9 83.6 125.4
160 47.8 37.9 56.9

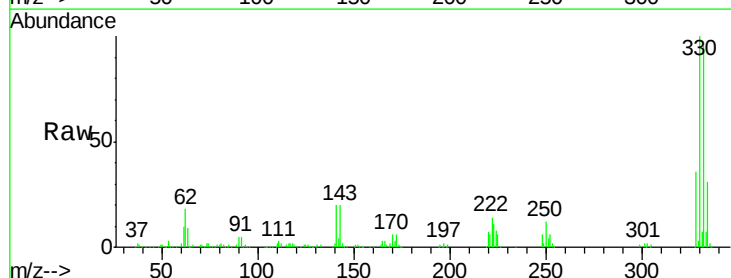


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

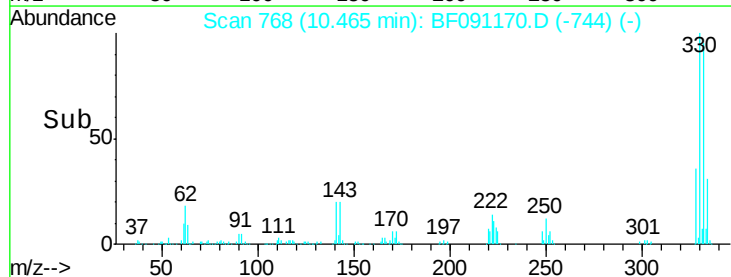
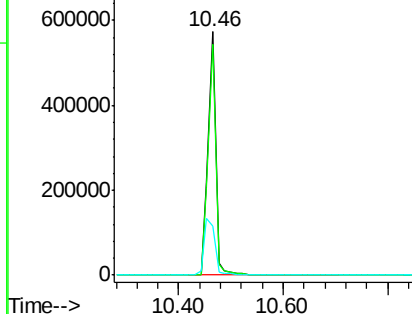


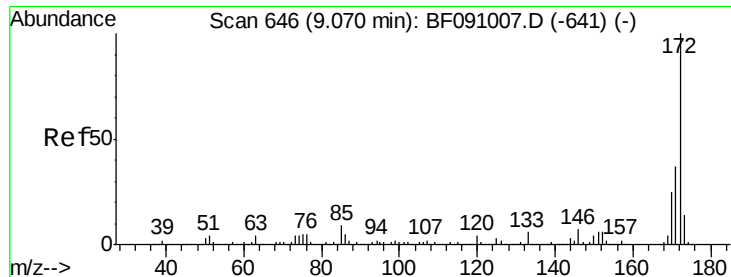
#41
2,4,6-Tribromophenol
Concen: 176.62 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091170.D
Acq: 15 Nov 2016 10:46

Tgt Ion:330 Resp: 588163
Ion Ratio Lower Upper
330 100
332 94.9 75.9 113.9
141 32.5 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

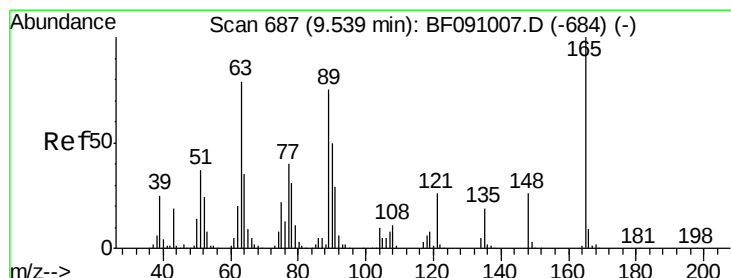
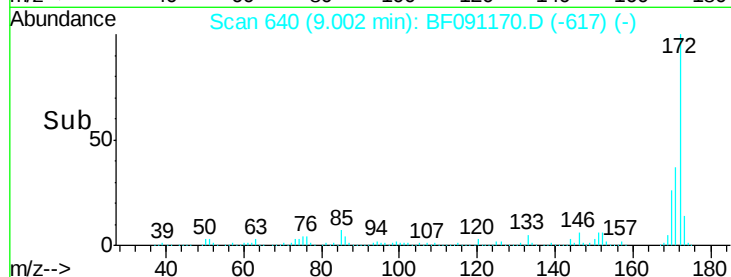
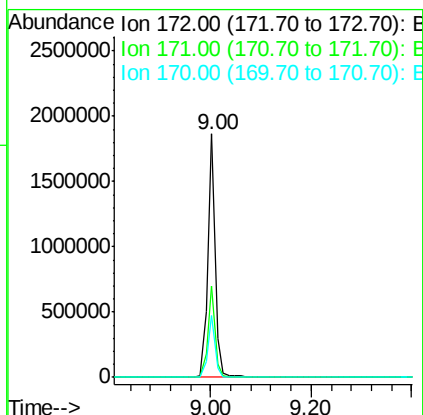
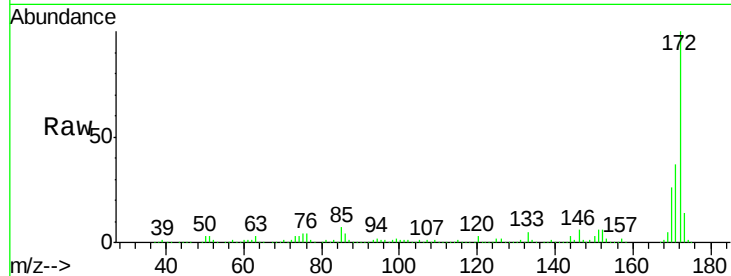




#44
 2-Fluorobiphenyl
 Concen: 89.83 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091170.D
 Acq: 15 Nov 2016 10:46

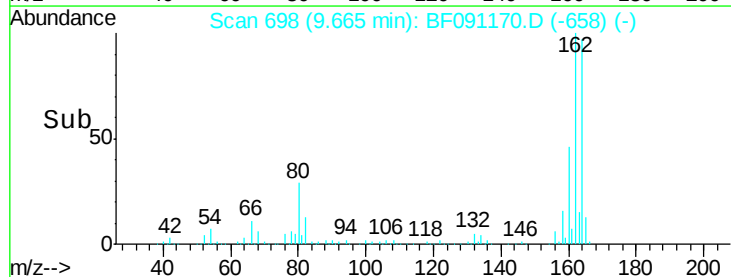
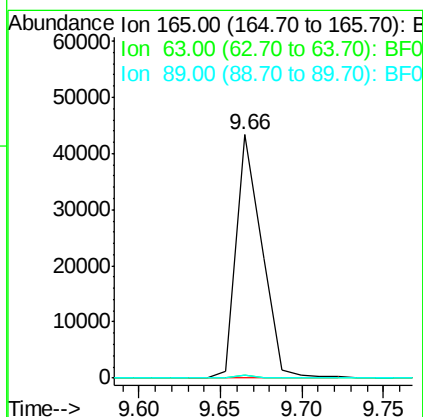
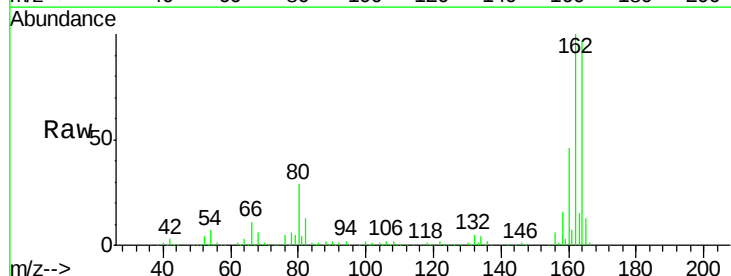
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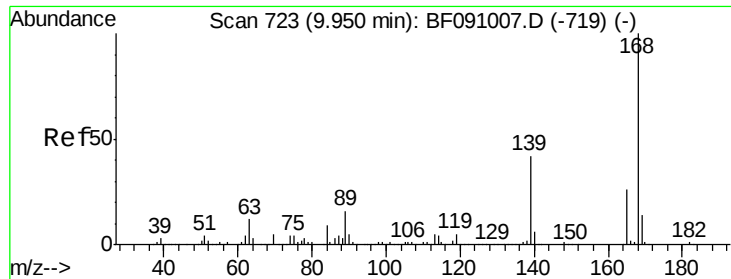
Tgt Ion:172 Resp: 1921845
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.6 20.3 30.5



#50
 2,6-Dinitrotoluene
 Concen: 9.10 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.16 min
 Lab File: BF091170.D
 Acq: 15 Nov 2016 10:46

Tgt Ion:165 Resp: 47099
 Ion Ratio Lower Upper
 165 100
 63 1.2 65.6 98.4#
 89 1.1 59.8 89.6#

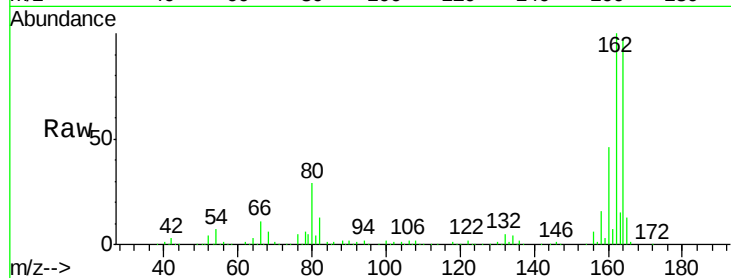




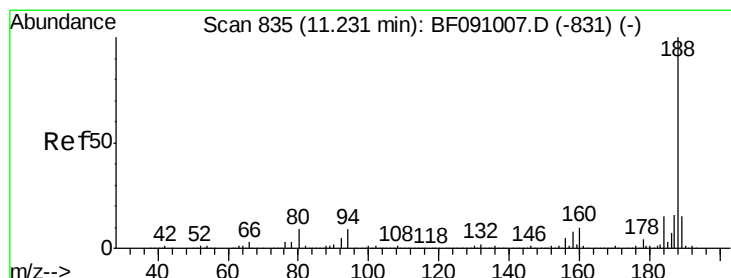
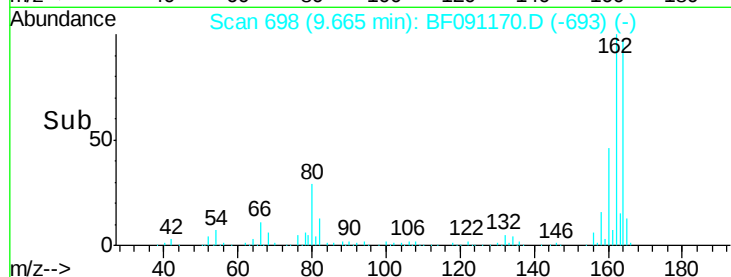
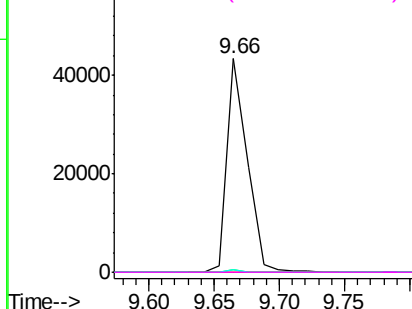
#56
2,4-Dinitrotoluene
Concen: 7.15 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.24 min
Lab File: BF091170.D
Acq: 15 Nov 2016 10:46

Instrument :
BNA_F
ClientSampleId :
MW-1-111016

Tgt Ion:165 Resp: 47094
Ion Ratio Lower Upper
165 100
63 1.2 38.7 58.1#
89 1.1 50.6 76.0#
182 0.0 1.8 2.8#

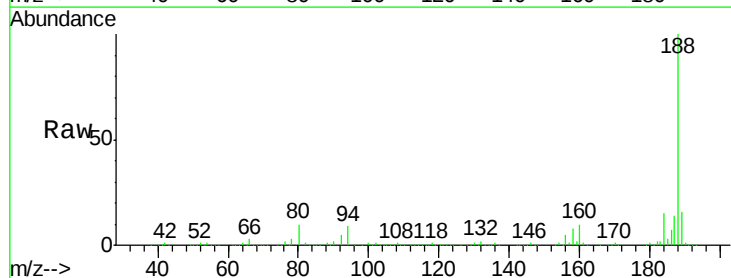


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

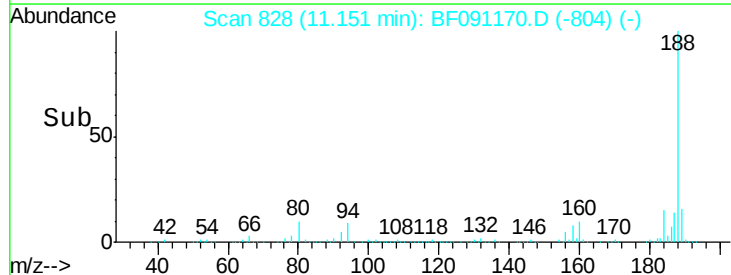
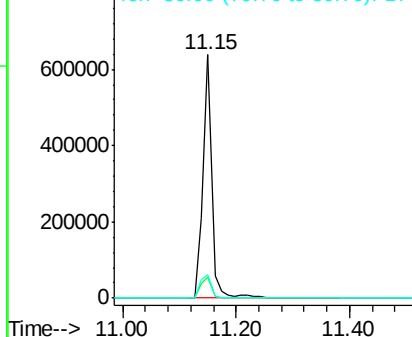


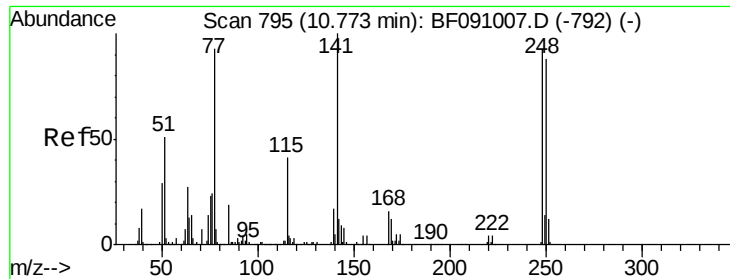
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091170.D
Acq: 15 Nov 2016 10:46

Tgt Ion:188 Resp: 667751
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.8 7.5 11.3



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: 5.75 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.26 min

Lab File: BF091170.D

Acq: 15 Nov 2016 10:46

Instrument :

BNA_F

ClientSampleId :

MW-1-111016

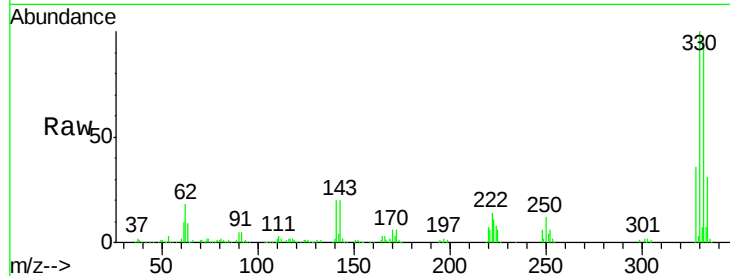
Tgt Ion:248 Resp: 39963

Ion Ratio Lower Upper

248 100

250 208.3 76.3 114.5#

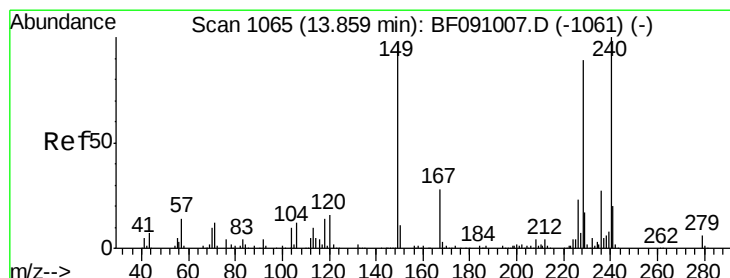
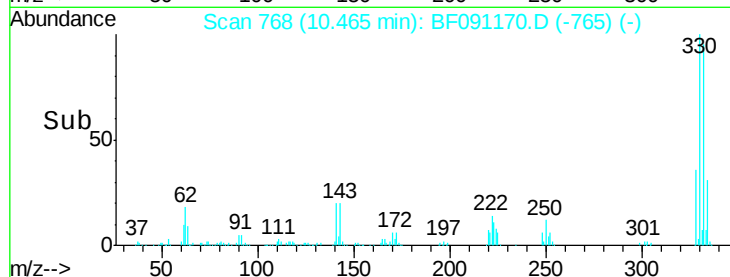
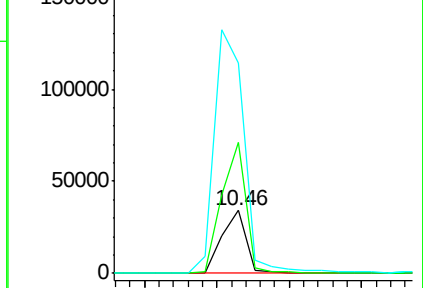
141 335.1 86.8 130.2#



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: BF091170.D

Acq: 15 Nov 2016 10:46

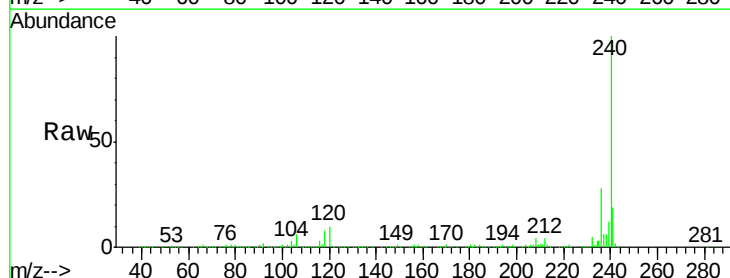
Tgt Ion:240 Resp: 558694

Ion Ratio Lower Upper

240 100

120 9.5 12.9 19.3#

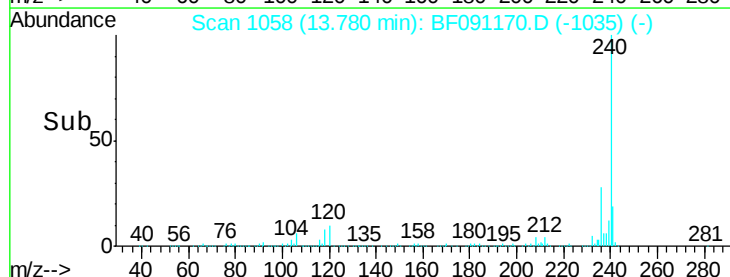
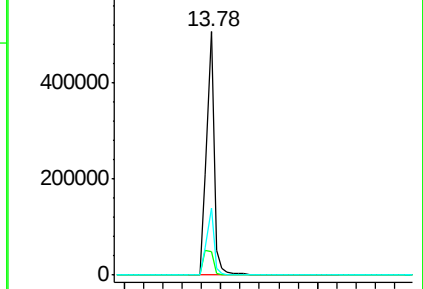
236 27.6 21.9 32.9

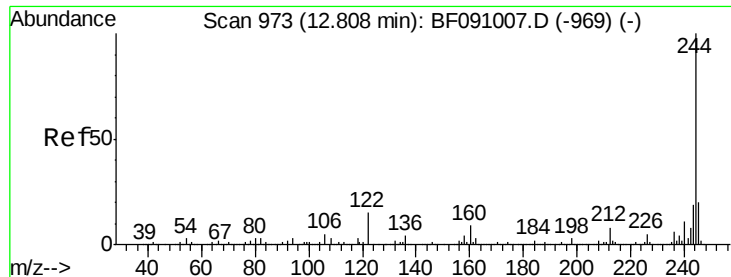


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

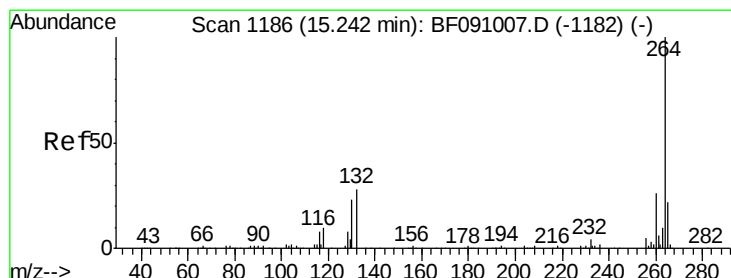
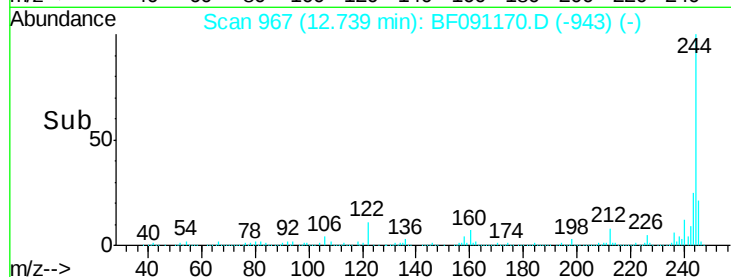
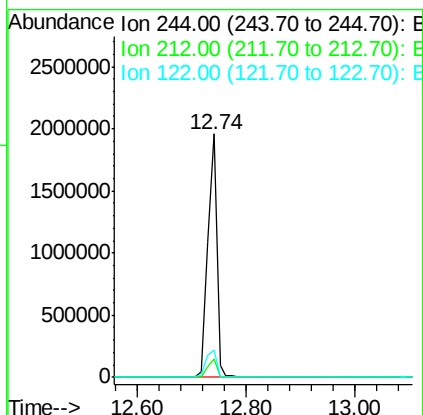
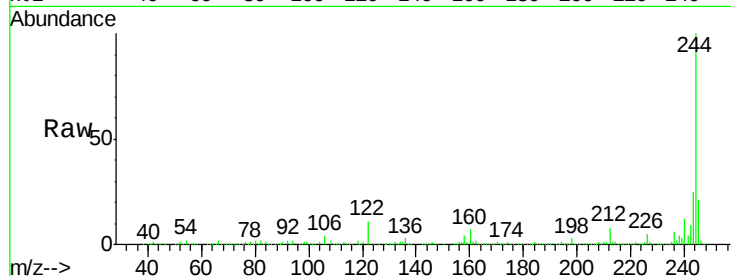




#78
 Terphenyl-d14
 Concen: 99.80 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091170.D
 Acq: 15 Nov 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-111016

Tgt Ion:244 Resp: 2234333
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 11.1 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091170.D
 Acq: 15 Nov 2016 10:46

Tgt Ion:264 Resp: 411450
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.6 30.8
 265 22.1 17.8 26.8

