

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091309.D
 Acq On : 24 Nov 2016 11:45
 Operator : UM/SJ
 Sample : H5721-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Nov 24 23:45:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

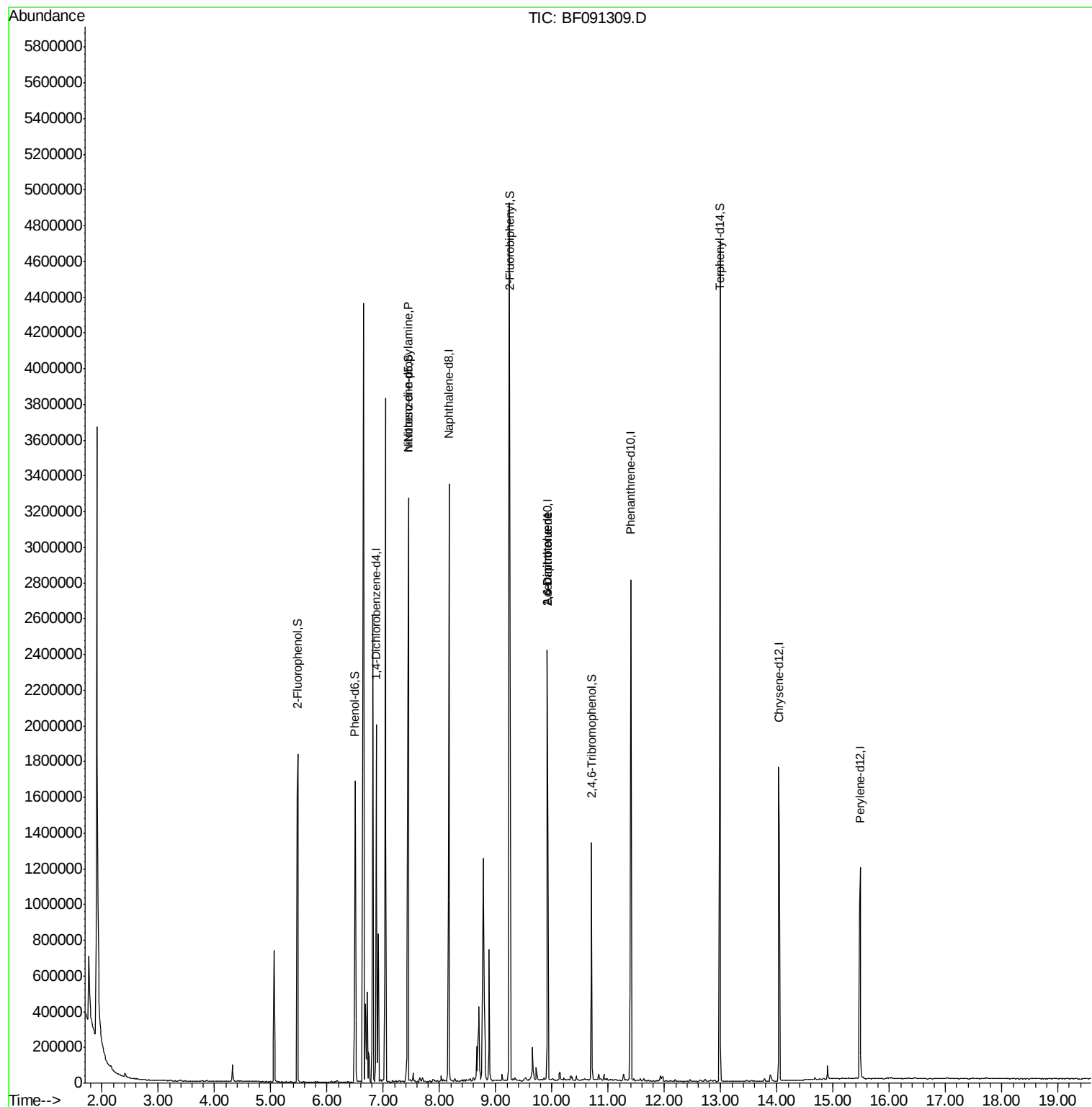
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	359290	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1438175	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	668990	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	974148	20.00	ng	0.00
75) Chrysene-d12	14.03	240	853258	20.00	ng	-0.01
86) Perylene-d12	15.48	264	656956	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	648201	28.99	ng	0.01
7) Phenol-d6	6.50	99	527639	18.36	ng	0.00
23) Nitrobenzene-d5	7.45	82	1281443	51.30	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	176439	26.15	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1912139	46.80	ng	0.00
78) Terphenyl-d14	12.99	244	1500664	40.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	173680	9.64	ng	# 69
50) 2,6-Dinitrotoluene	9.92	165	87632	9.60	ng	# 17
56) 2,4-Dinitrotoluene	9.92	165	87635	7.59	ng	# 33

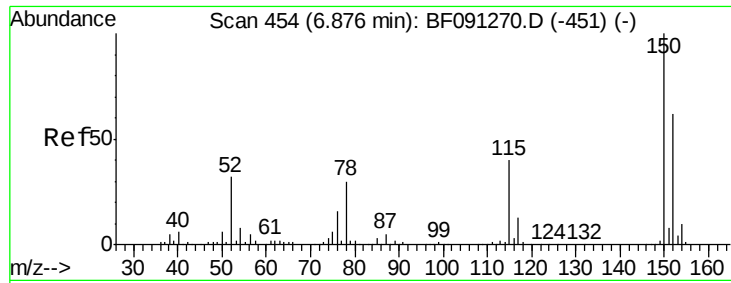
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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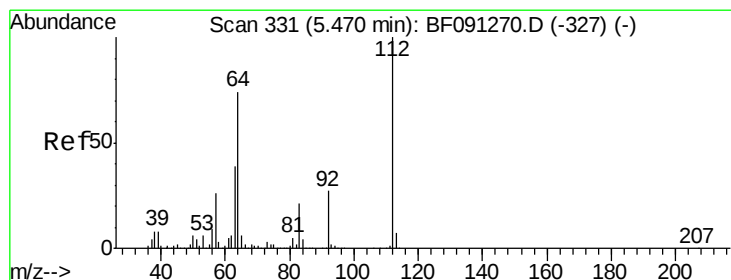
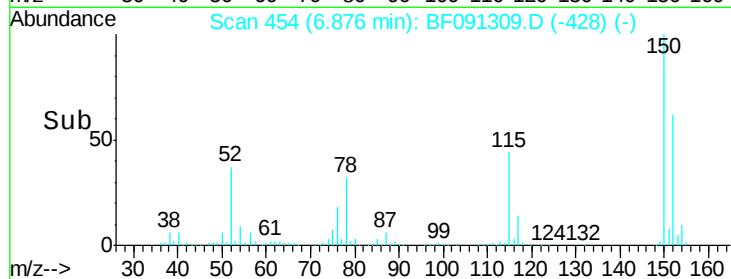
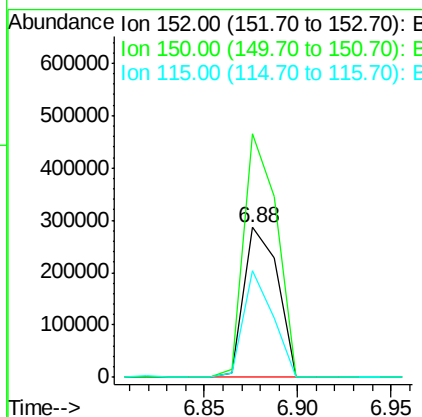
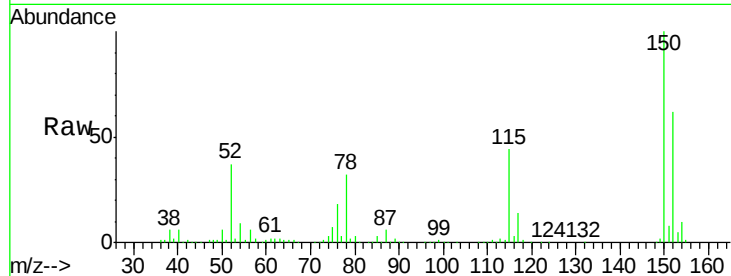




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

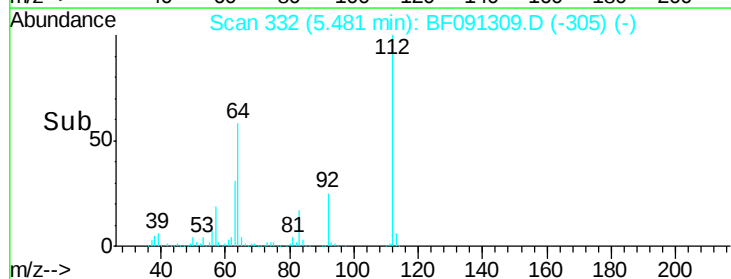
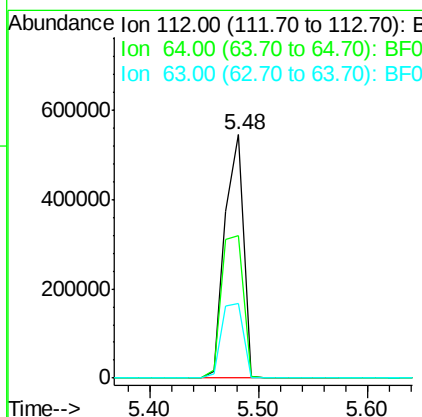
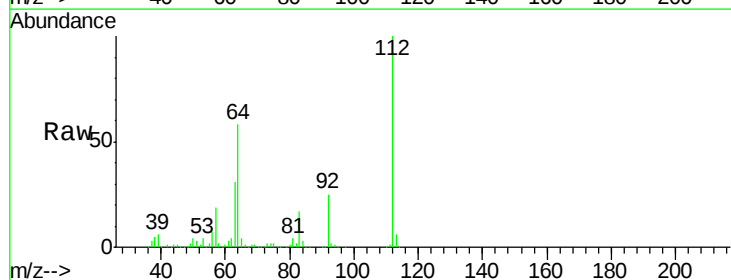
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

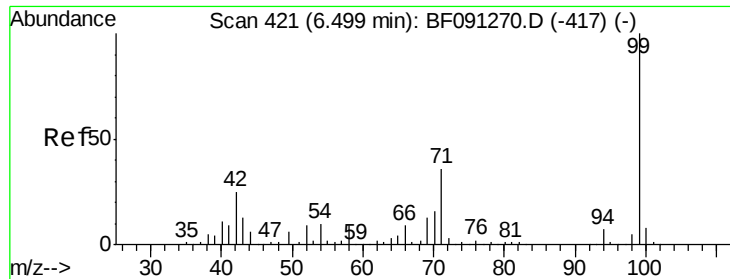
Tgt Ion:152 Resp: 359290
 Ion Ratio Lower Upper
 152 100
 150 162.3 122.5 183.7
 115 70.7 51.8 77.8



#5
 2-Fluorophenol
 Concen: 28.99 ng
 RT: 5.48 min Scan# 332
 Delta R.T. 0.01 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

Tgt Ion:112 Resp: 648201
 Ion Ratio Lower Upper
 112 100
 64 58.4 61.5 92.3#
 63 30.5 33.3 49.9#





#7

Phenol-d6

Concen: 18.36 ng

RT: 6.50 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF091309.D

Acq: 24 Nov 2016 11:45

Instrument :

BNA_F

ClientSampleId :

MW-4

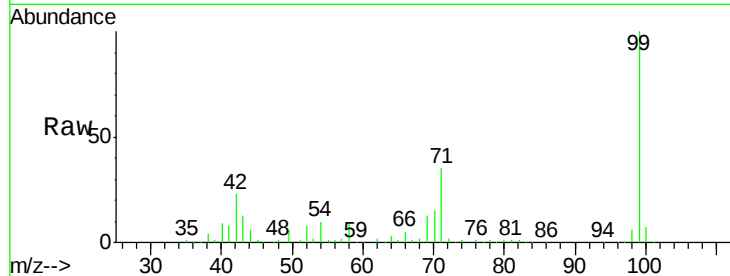
Tgt Ion: 99 Resp: 527639

Ion Ratio Lower Upper

99 100

42 23.5 20.6 31.0

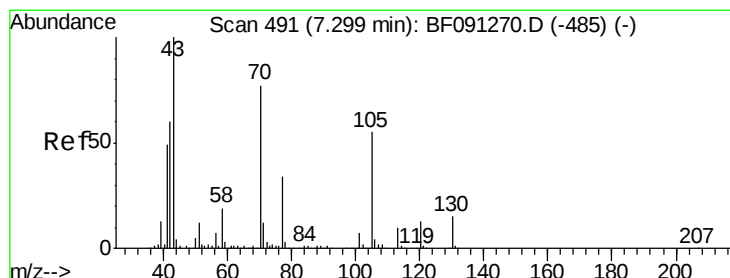
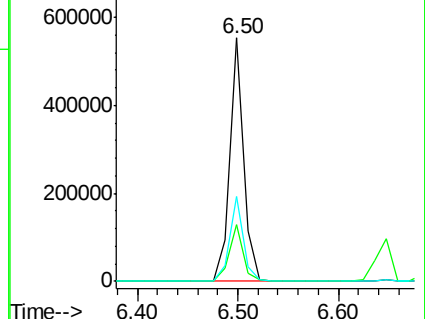
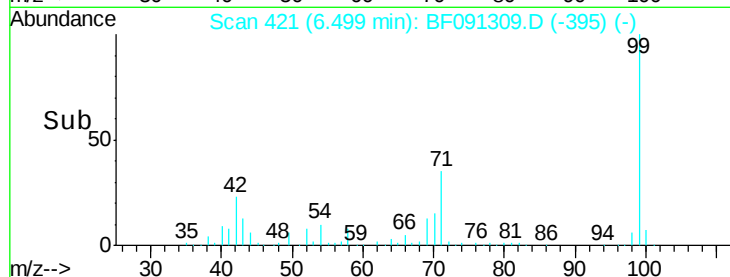
71 34.9 29.9 44.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.64 ng

RT: 7.45 min Scan# 504

Delta R.T. 0.15 min

Lab File: BF091309.D

Acq: 24 Nov 2016 11:45

Tgt Ion: 70 Resp: 173680

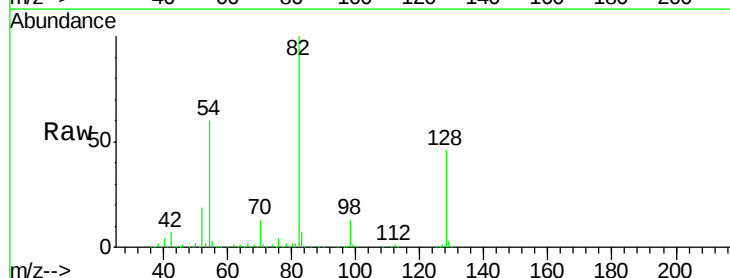
Ion Ratio Lower Upper

70 100

42 52.2 64.8 97.2#

101 0.0 6.2 9.4#

130 2.4 11.7 17.5#

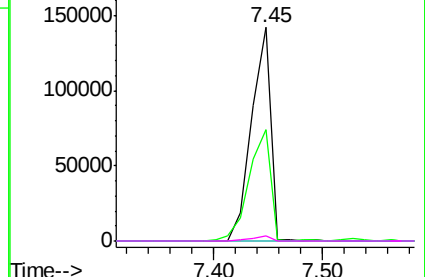
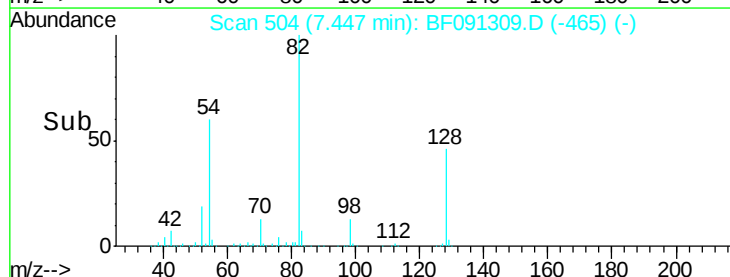


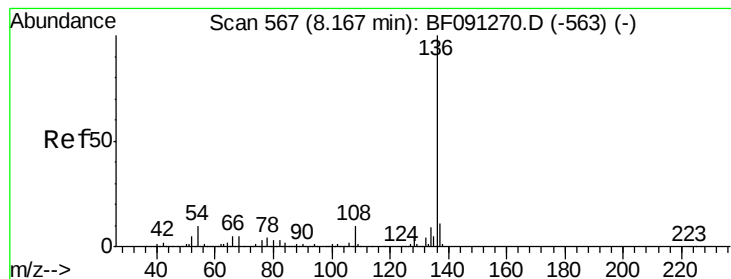
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091309.D

Acq: 24 Nov 2016 11:45

Instrument :

BNA_F

ClientSampleId :

MW-4

Tgt Ion:136 Resp: 1438175

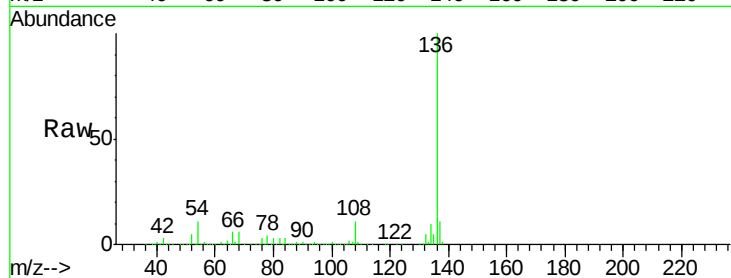
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.8 9.1 13.7

68 5.5 5.9 8.9#

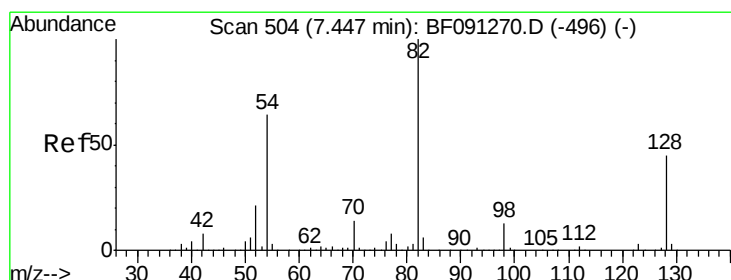
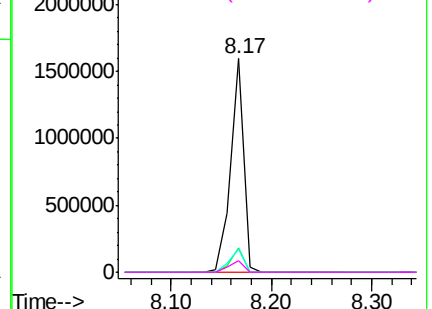
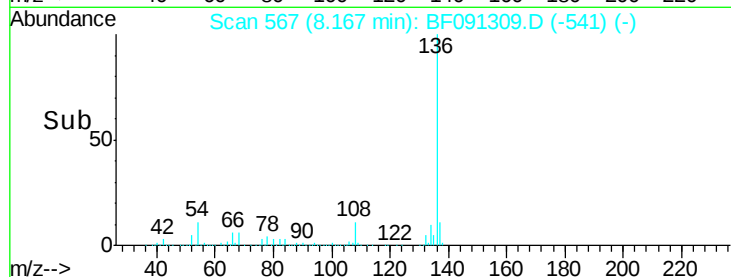


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.30 ng

RT: 7.45 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF091309.D

Acq: 24 Nov 2016 11:45

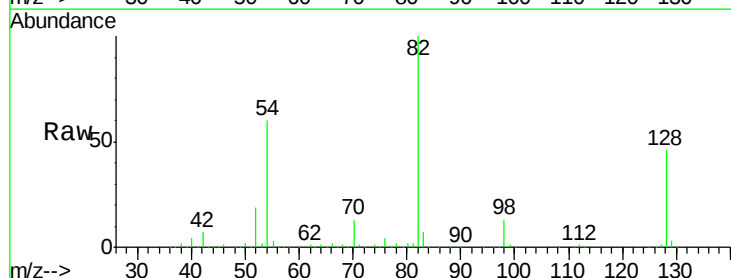
Tgt Ion: 82 Resp: 1281443

Ion Ratio Lower Upper

82 100

128 46.5 31.8 47.6

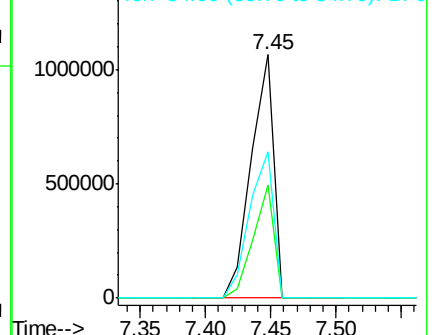
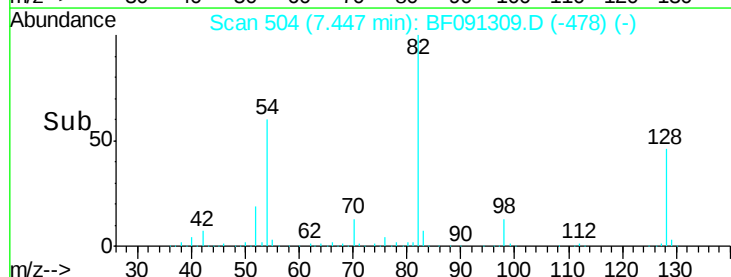
54 60.0 49.1 73.7

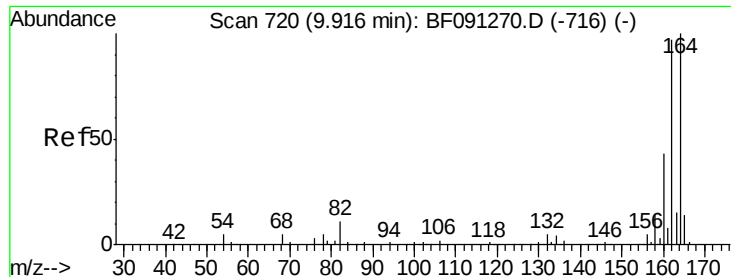


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

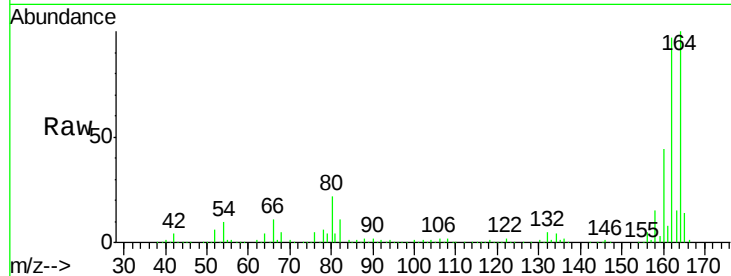




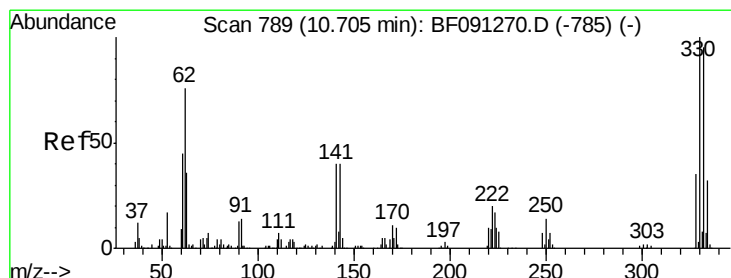
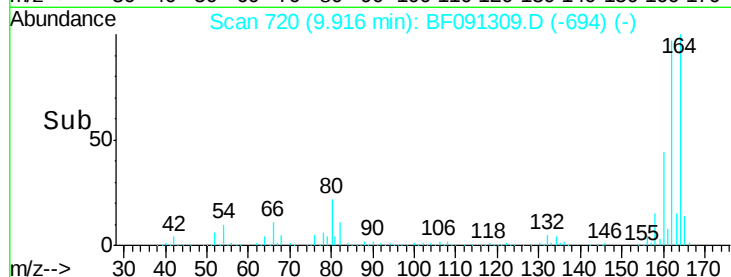
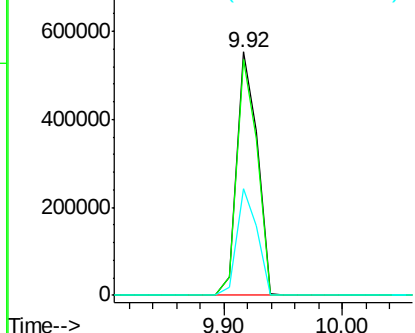
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:164 Resp: 668990
 Ion Ratio Lower Upper
 164 100
 162 96.9 82.6 124.0
 160 43.7 36.7 55.1

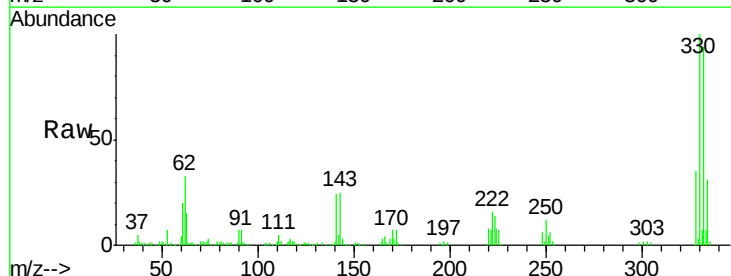


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

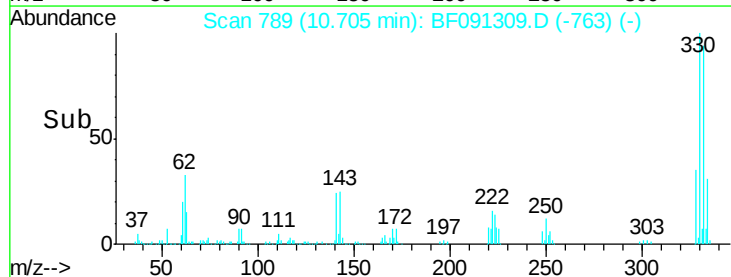
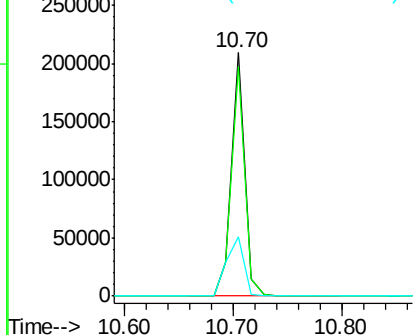


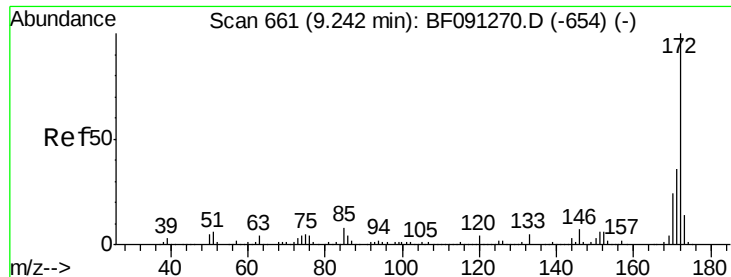
#41
 2,4,6-Tribromophenol
 Concen: 26.15 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

Tgt Ion:330 Resp: 176439
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.4
 141 32.2 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

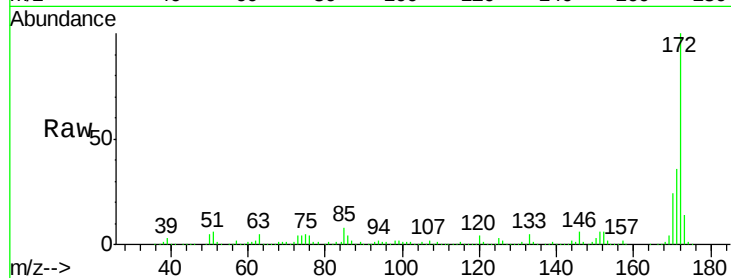




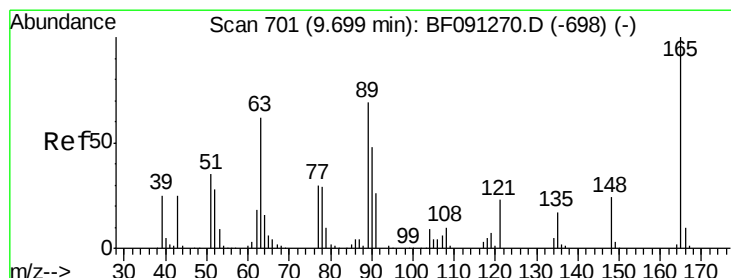
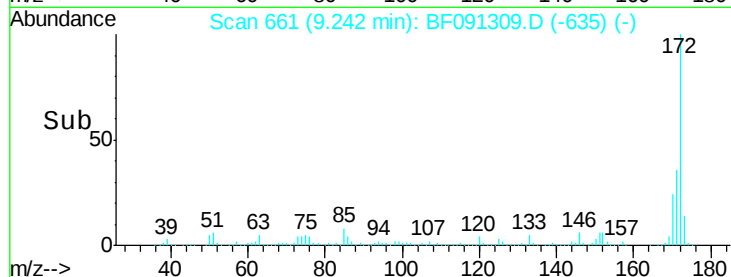
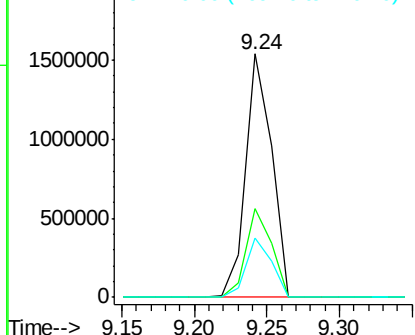
#44
 2-Fluorobiphenyl
 Concen: 46.80 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:172 Resp: 1912139
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.2 19.7 29.5

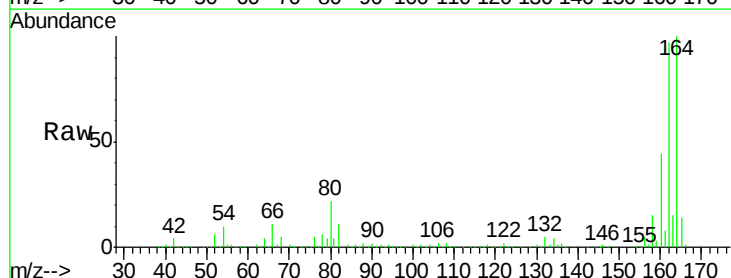


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



#50
 2,6-Dinitrotoluene
 Concen: 9.60 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.22 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

Tgt Ion:165 Resp: 87632
 Ion Ratio Lower Upper
 165 100
 63 1.2 59.4 89.0#
 89 1.0 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

