

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091453.D
 Acq On : 6 Dec 2016 12:28
 Operator : UM/SJ
 Sample : H5802-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Dec 06 23:58:43 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

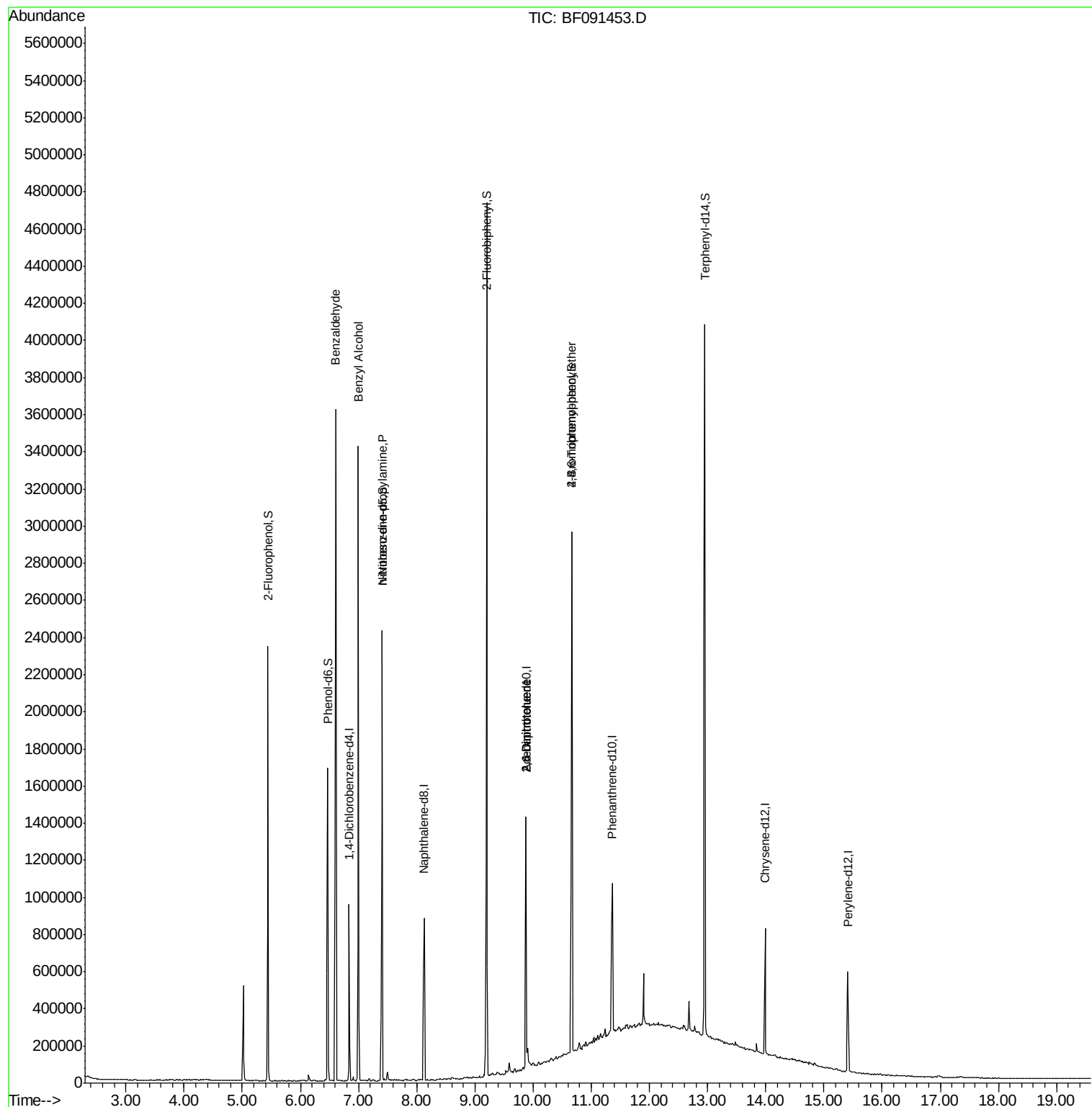
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	127941	20.00	ng	-0.04
21) Naphthalene-d8	8.13	136	500269	20.00	ng	-0.04
38) Acenaphthene-d10	9.88	164	287639	20.00	ng	-0.04
63) Phenanthrene-d10	11.36	188	411348	20.00	ng	-0.04
75) Chrysene-d12	13.99	240	290537	20.00	ng	-0.05
86) Perylene-d12	15.41	264	253987	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	554517	70.80	ng	-0.03
7) Phenol-d6	6.47	99	508900	52.79	ng	-0.03
23) Nitrobenzene-d5	7.41	82	936536	104.91	ng	-0.04
41) 2,4,6-Tribromophenol	10.66	330	344085	126.36	ng	-0.04
44) 2-Fluorobiphenyl	9.20	172	1471204	92.61	ng	-0.04
78) Terphenyl-d14	12.95	244	1510843	113.03	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.61	77	23271	3.75	ng	Qvalue 86
15) Benzyl Alcohol	7.00	79	15721	2.04	ng	# 46
19) n-Nitroso-di-n-propylamine	7.41	70	128448	21.15	ng	# 70
50) 2,6-Dinitrotoluene	9.88	165	37806	9.71	ng	# 17
56) 2,4-Dinitrotoluene	9.88	165	38071	7.54	ng	# 34
66) 4-Bromophenyl-phenylether	10.66	248	21896	4.95	ng	# 1

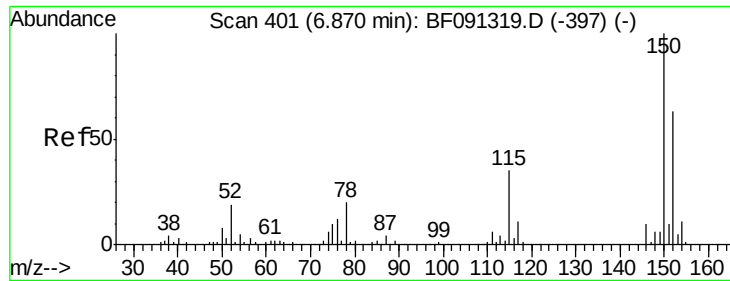
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.04 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

Instrument :

BNA_F

ClientSampleId :

MW-05

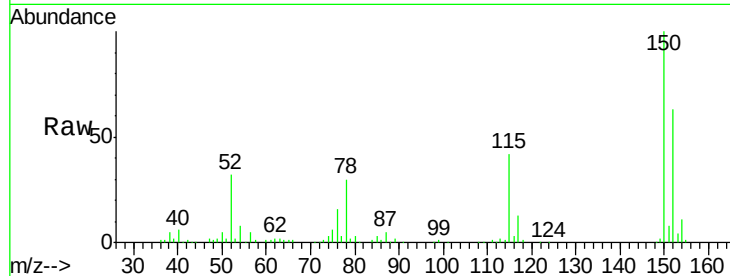
Tgt Ion:152 Resp: 127941

Ion Ratio Lower Upper

152 100

150 159.0 122.5 183.7

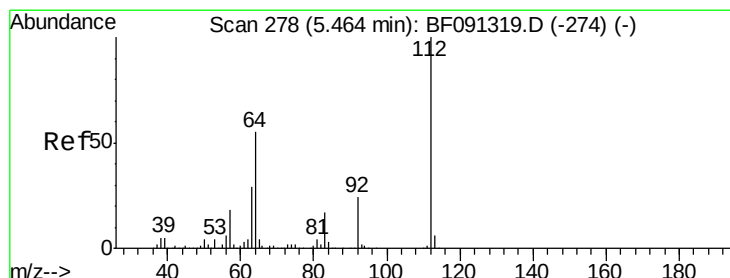
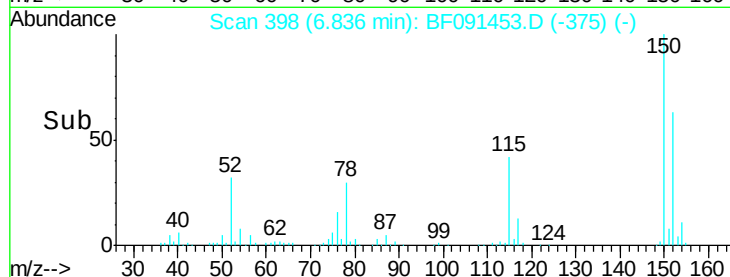
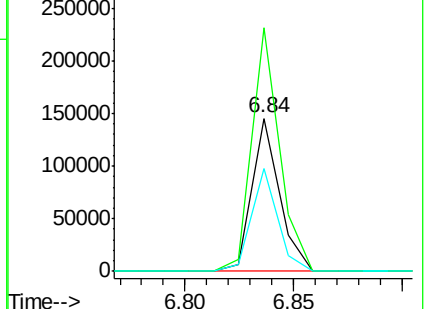
115 66.9 51.8 77.8



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: 70.80 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

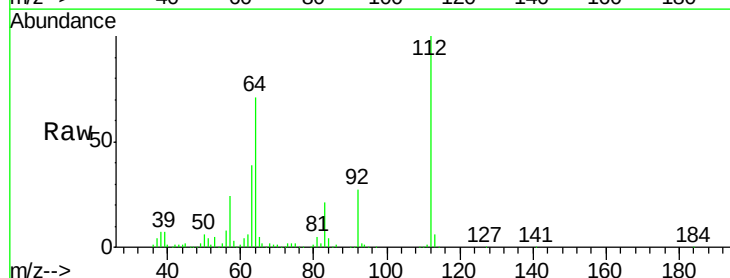
Tgt Ion:112 Resp: 554517

Ion Ratio Lower Upper

112 100

64 70.5 61.5 92.3

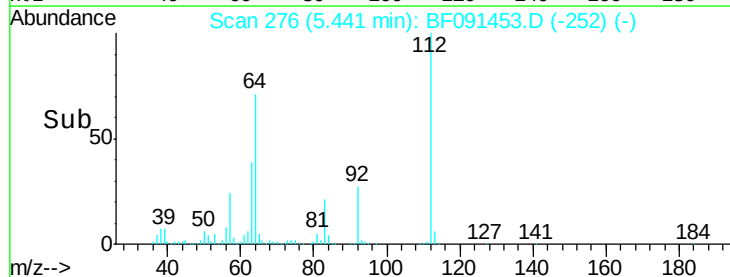
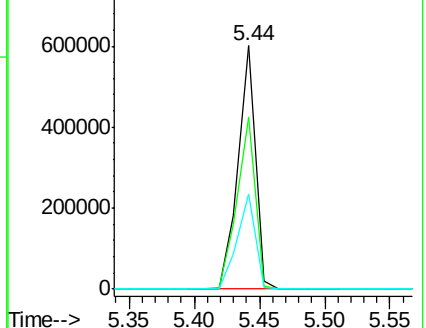
63 38.8 33.3 49.9

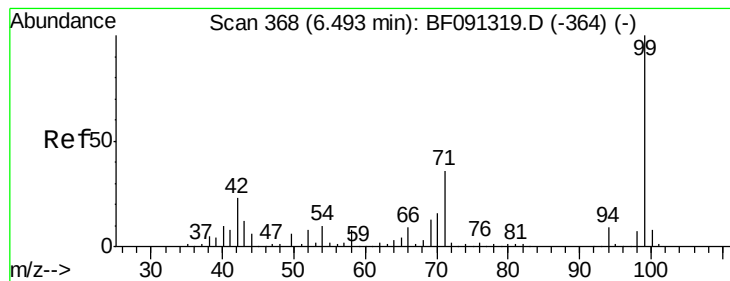


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 52.79 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

Instrument :

BNA_F

ClientSampleId :

MW-05

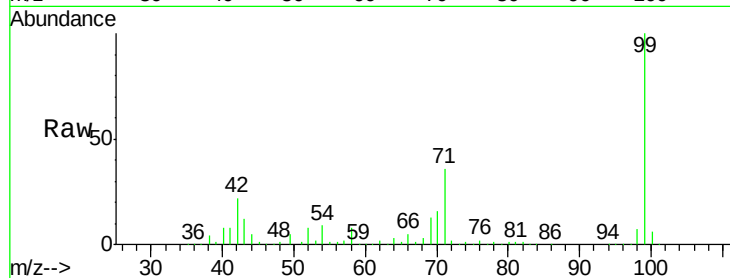
Tgt Ion: 99 Resp: 508900

Ion Ratio Lower Upper

99 100

42 22.3 20.6 31.0

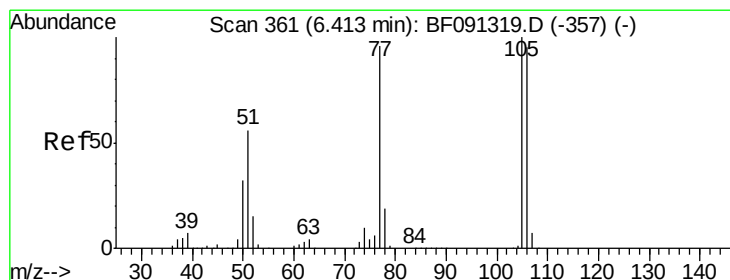
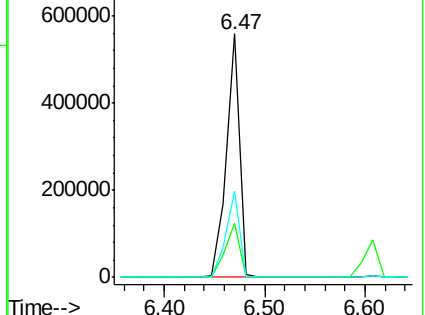
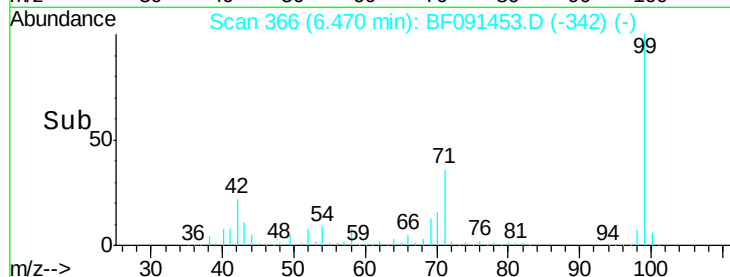
71 35.6 29.9 44.9



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: 3.75 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.19 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

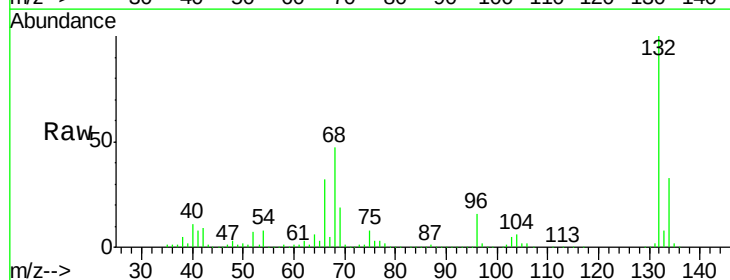
Tgt Ion: 77 Resp: 23271

Ion Ratio Lower Upper

77 100

105 74.6 66.4 106.4

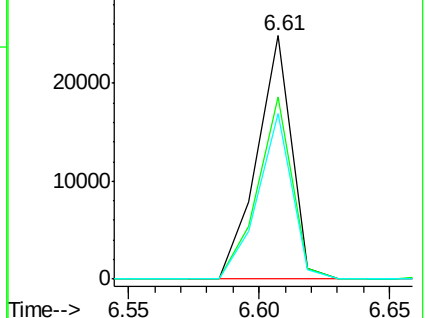
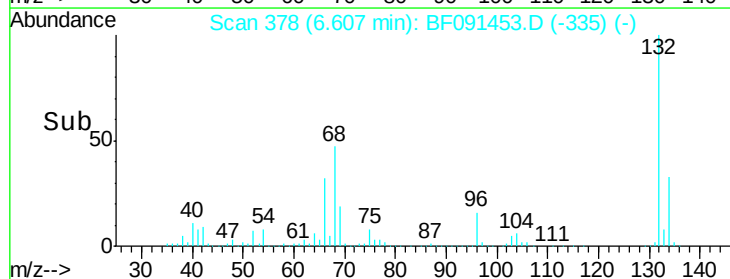
106 68.0 60.9 100.9

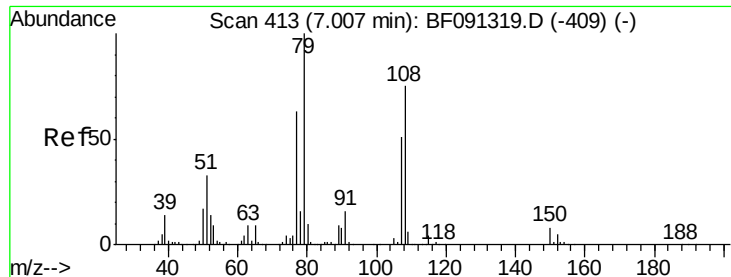


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

Instrument :

BNA_F

ClientSampleId :

MW-05

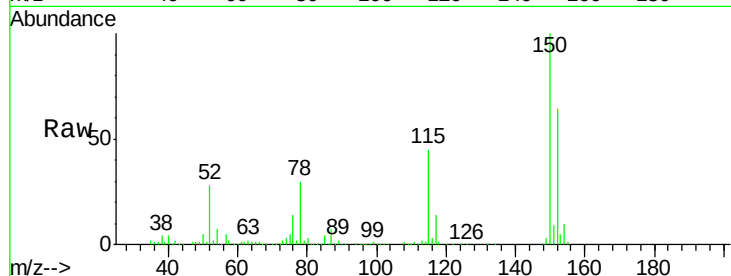
Tgt Ion: 79 Resp: 15721

Ion Ratio Lower Upper

79 100

108 26.8 62.7 94.1#

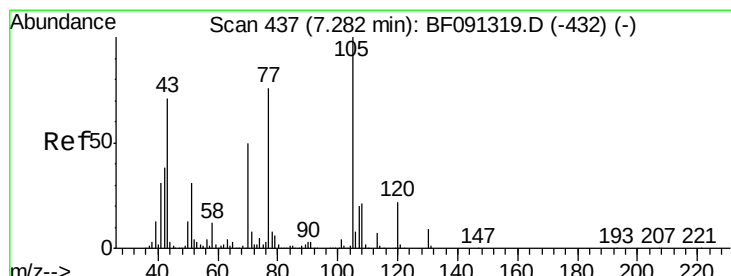
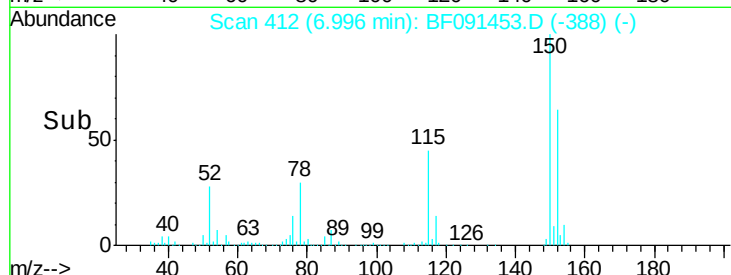
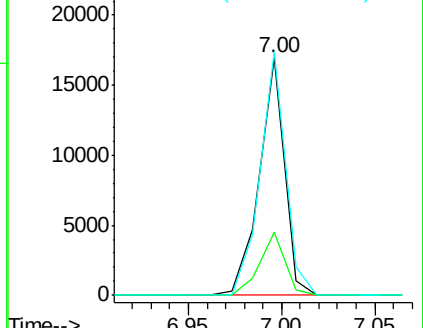
77 102.6 51.7 77.5#



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: 21.15 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.11 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

Tgt Ion: 70 Resp: 128448

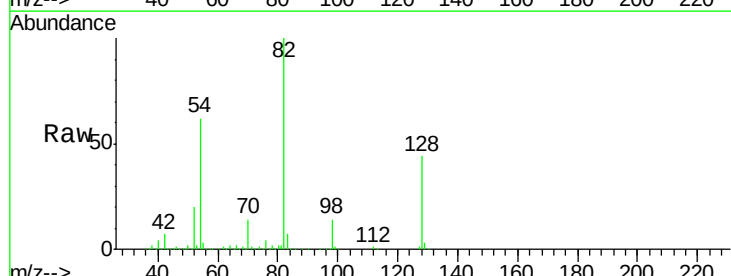
Ion Ratio Lower Upper

70 100

42 53.4 64.8 97.2#

101 0.0 6.2 9.4#

130 2.0 11.7 17.5#

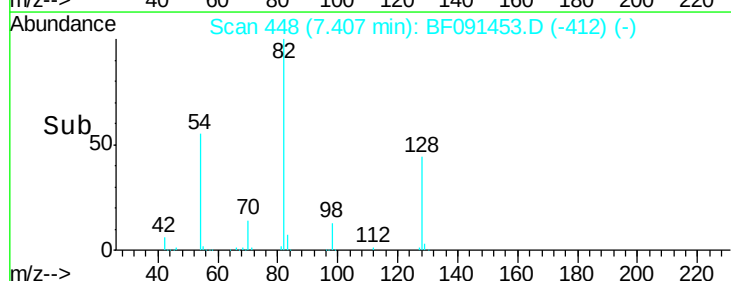
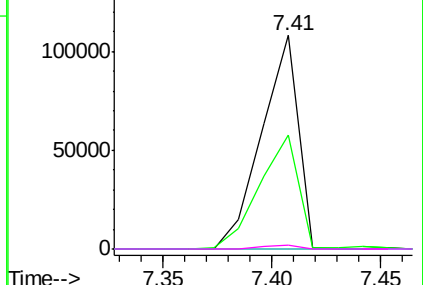


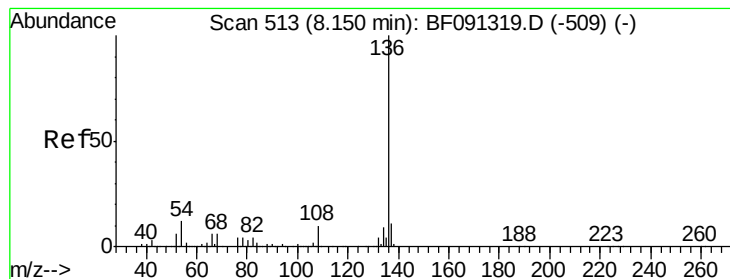
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.13 min Scan# 511

Delta R.T. -0.04 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

Instrument :

BNA_F

ClientSampleId :

MW-05

Tgt Ion: 136 Resp: 500269

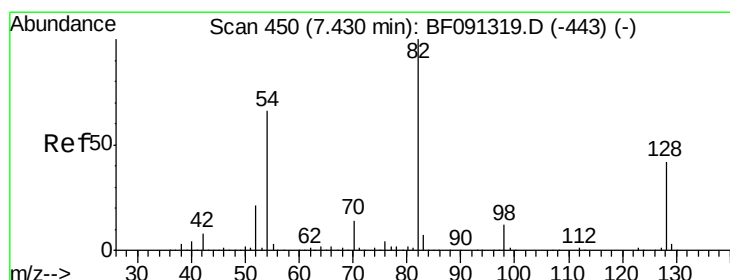
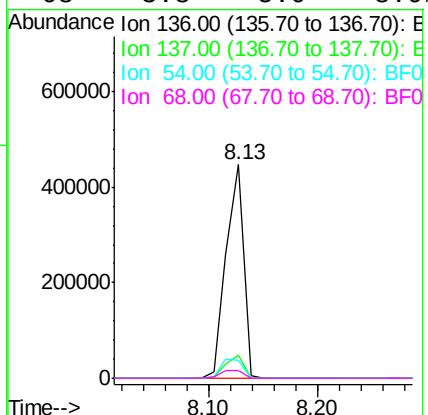
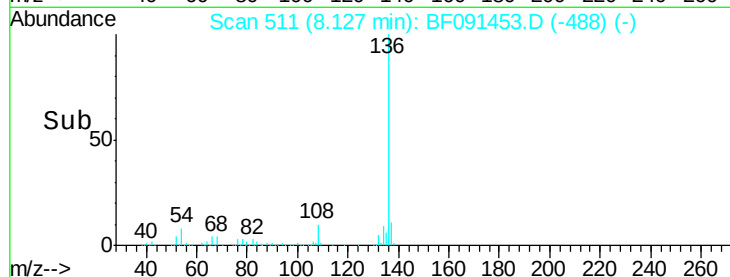
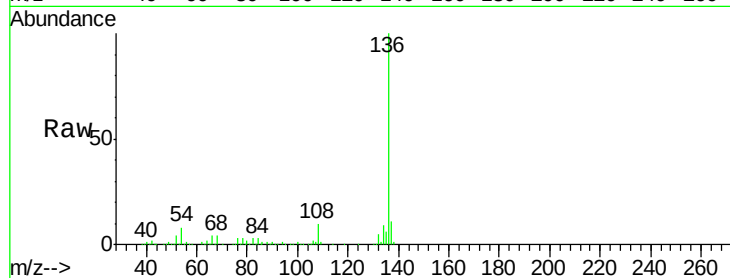
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.3 9.1 13.7#

68 3.8 5.9 8.9#



#23

Nitrobenzene-d5

Concen: 104.91 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.04 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

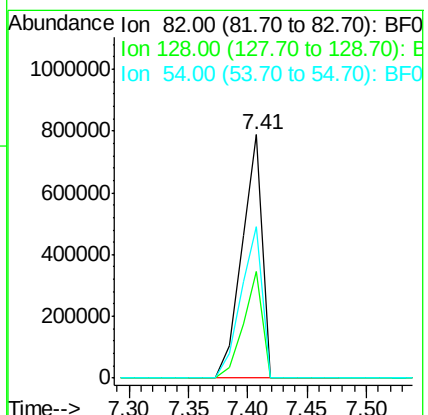
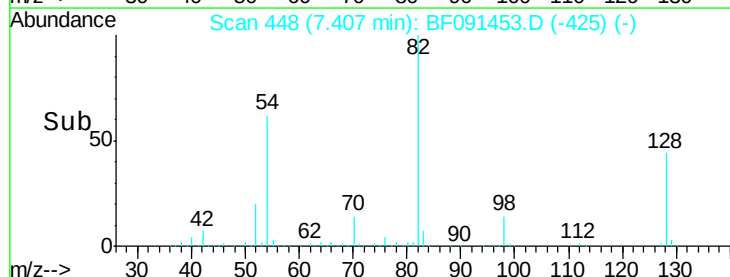
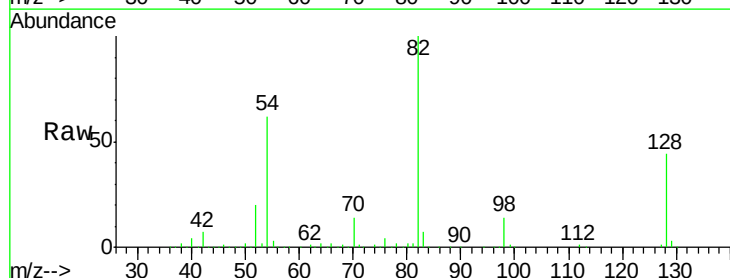
Tgt Ion: 82 Resp: 936536

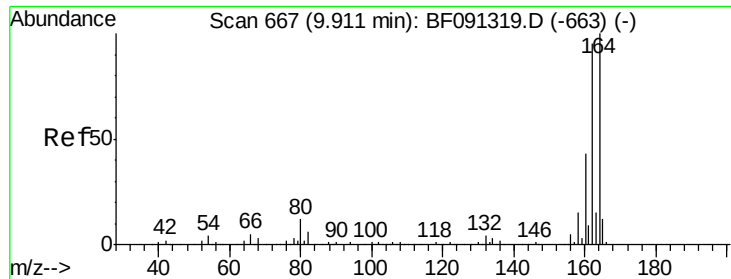
Ion Ratio Lower Upper

82 100

128 44.0 31.8 47.6

54 62.2 49.1 73.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.04 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

Instrument :

BNA_F

ClientSampleId :

MW-05

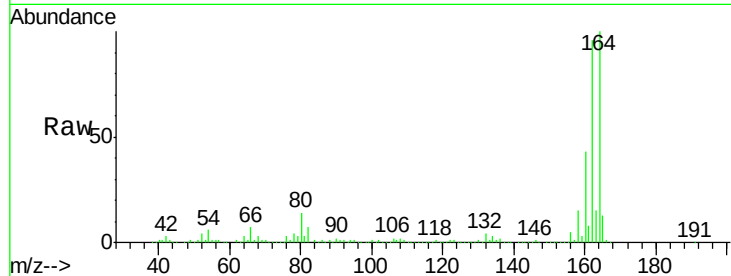
Tgt Ion:164 Resp: 287639

Ion Ratio Lower Upper

164 100

162 95.9 82.6 124.0

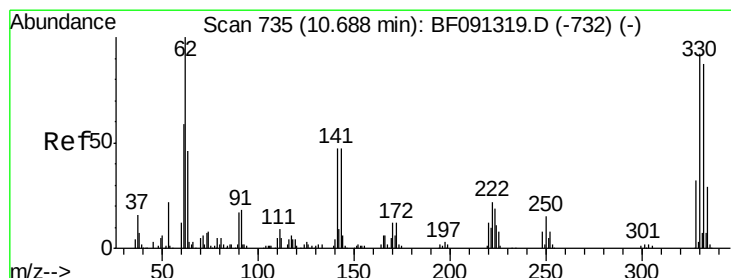
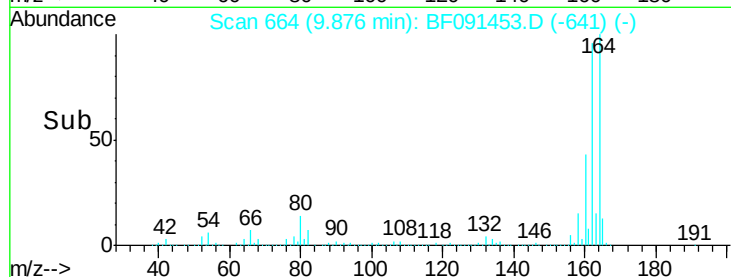
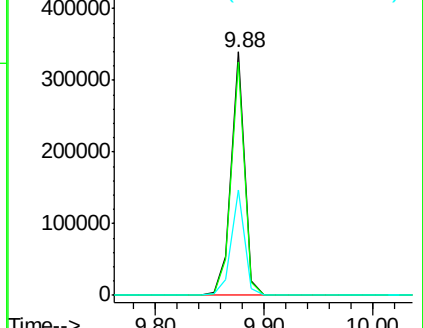
160 43.2 36.7 55.1



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: 126.36 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.04 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

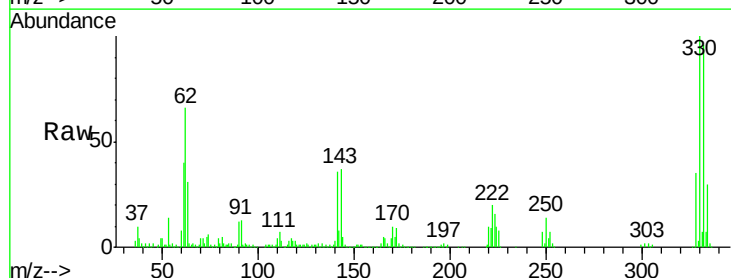
Tgt Ion:330 Resp: 344085

Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.4

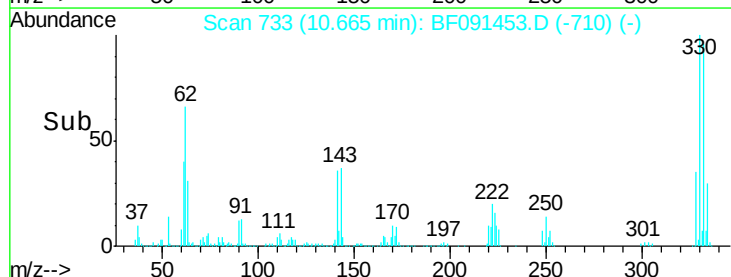
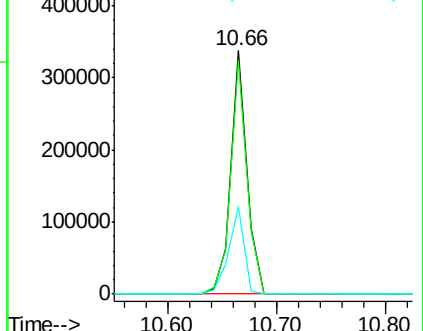
141 34.5 33.6 50.4

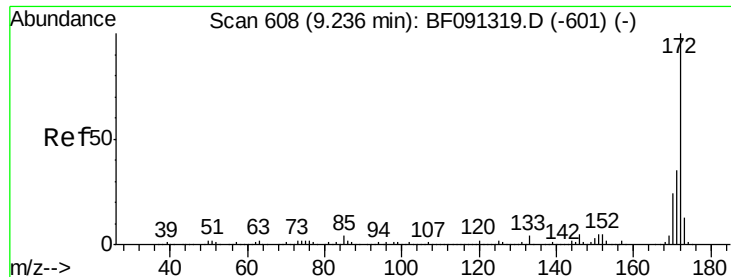


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

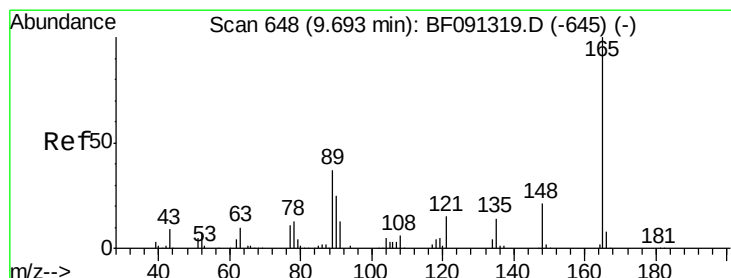
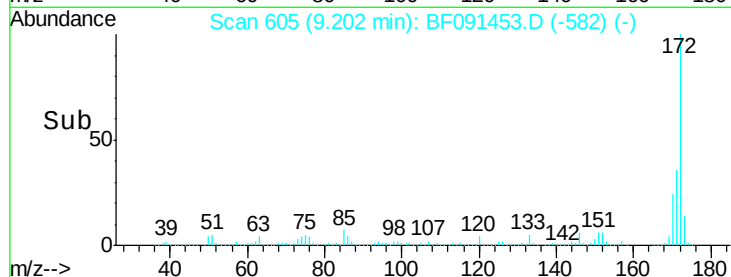
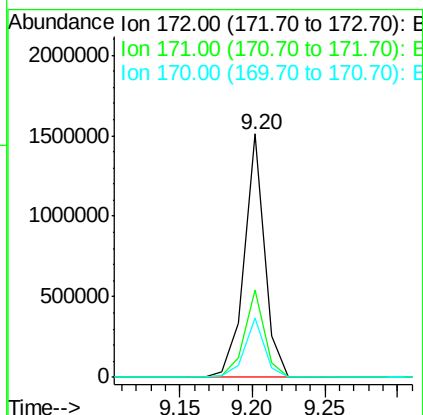
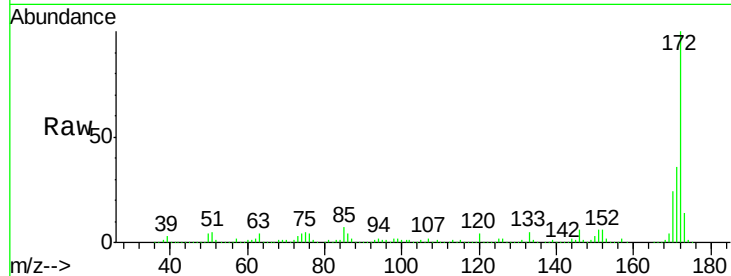




#44
 2-Fluorobiphenyl
 Concen: 92.61 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.04 min
 Lab File: BF091453.D
 Acq: 6 Dec 2016 12:28

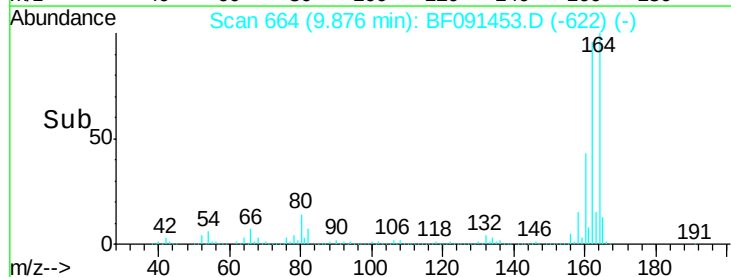
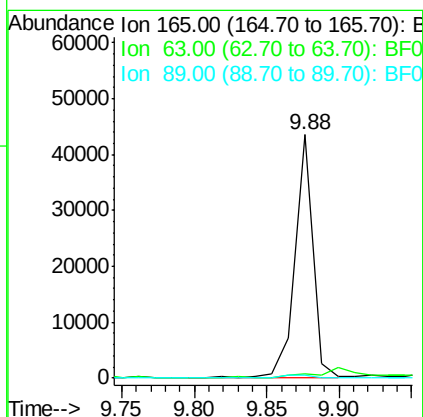
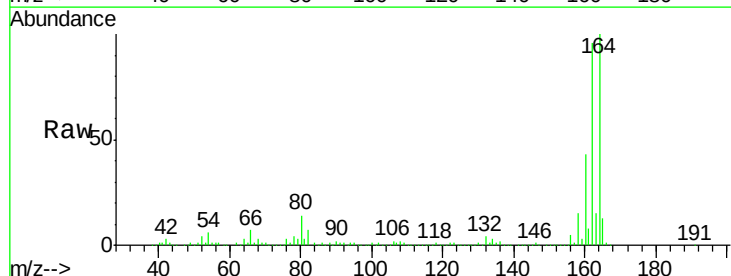
Instrument :
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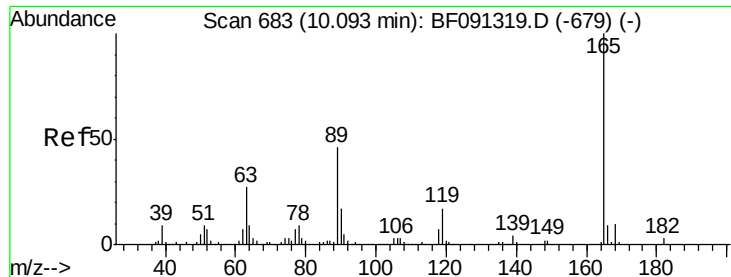
Tgt Ion:172 Resp: 1471204
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.2 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 9.71 ng
 RT: 9.88 min Scan# 664
 Delta R.T. 0.18 min
 Lab File: BF091453.D
 Acq: 6 Dec 2016 12:28

Tgt Ion:165 Resp: 37806
 Ion Ratio Lower Upper
 165 100
 63 1.7 59.4 89.0#
 89 1.4 50.8 76.2#

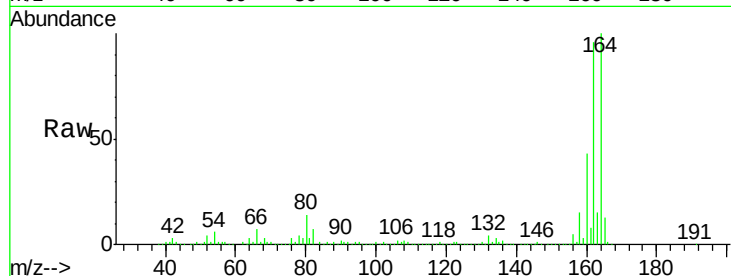




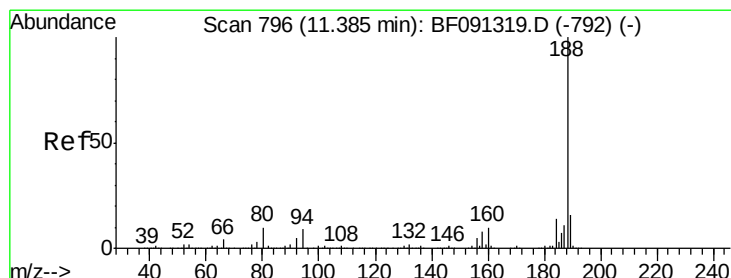
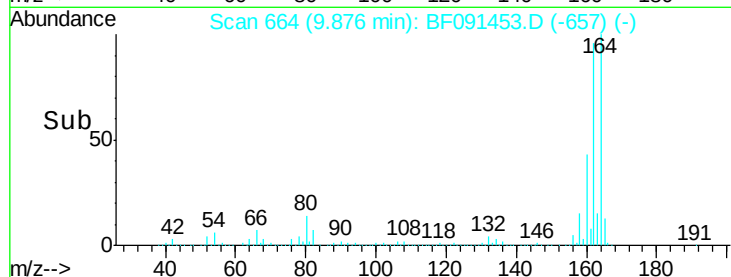
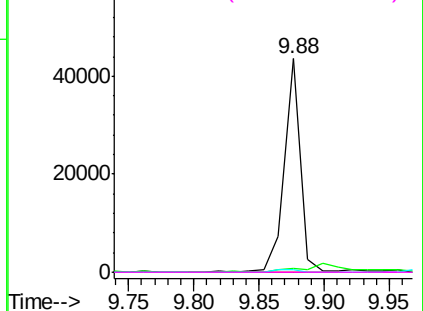
#56
2,4-Dinitrotoluene
Concen: 7.54 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.22 min
Lab File: BF091453.D
Acq: 6 Dec 2016 12:28

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:165 Resp: 38071
Ion Ratio Lower Upper
165 100
63 1.7 29.0 43.4#
89 1.4 43.1 64.7#
182 0.0 1.9 2.9#

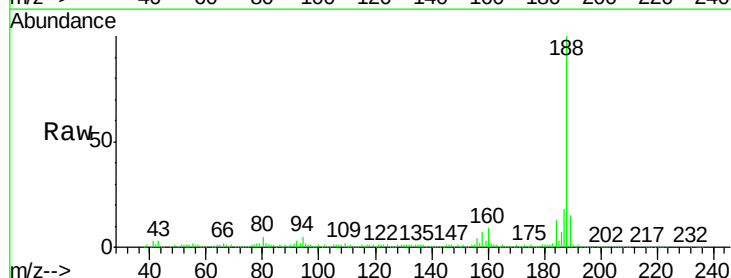


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

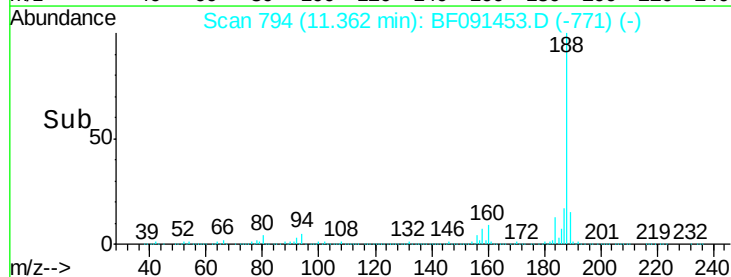
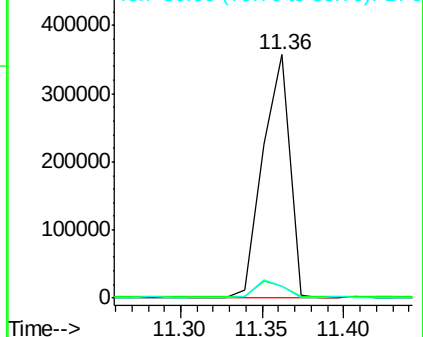


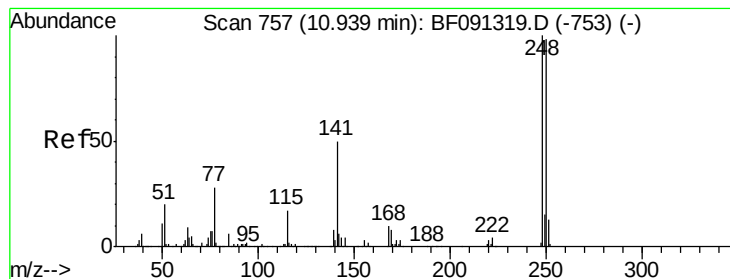
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.04 min
Lab File: BF091453.D
Acq: 6 Dec 2016 12:28

Tgt Ion:188 Resp: 411348
Ion Ratio Lower Upper
188 100
94 5.0 9.2 13.8#
80 4.8 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: 4.95 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.29 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

Instrument :

BNA_F

ClientSampleId :

MW-05

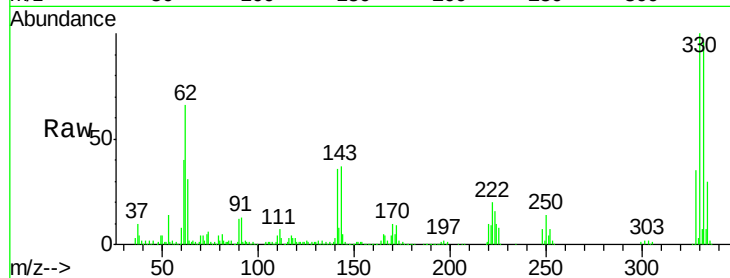
Tgt Ion:248 Resp: 21896

Ion Ratio Lower Upper

248 100

250 190.0 78.2 117.4#

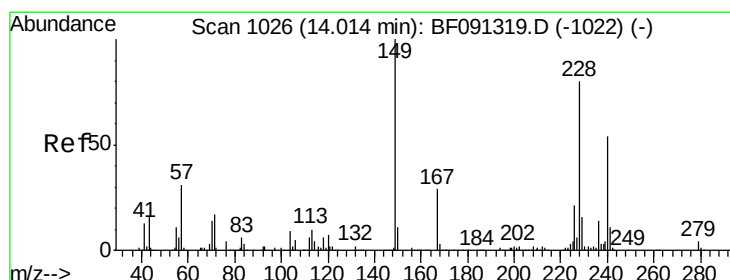
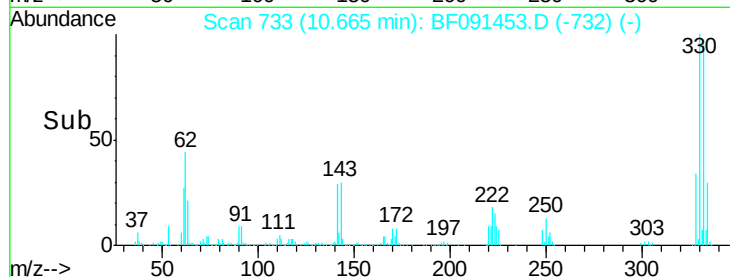
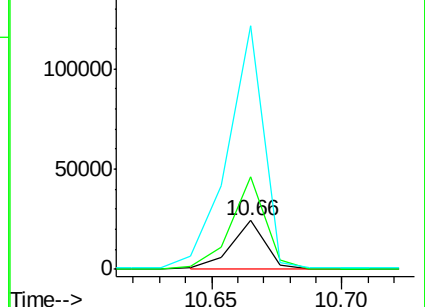
141 502.1 71.9 107.9#



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: 13.99 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

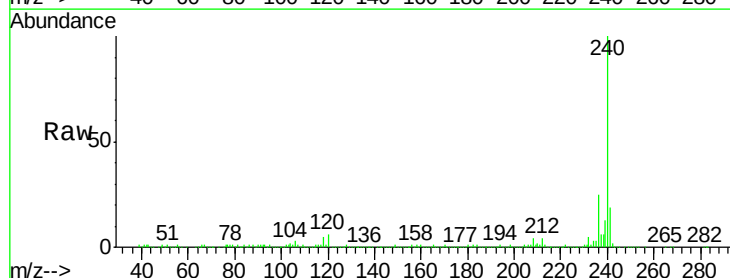
Tgt Ion:240 Resp: 290537

Ion Ratio Lower Upper

240 100

120 5.6 12.1 18.1#

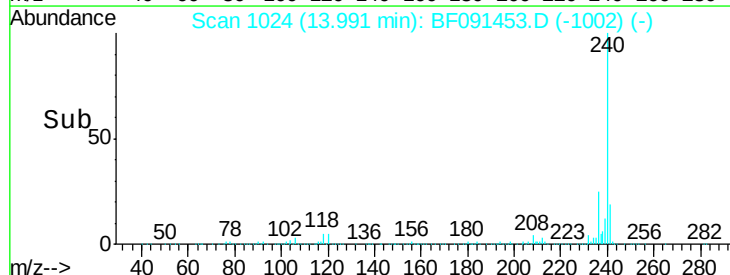
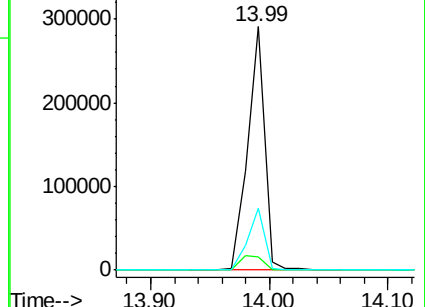
236 25.4 21.0 31.6

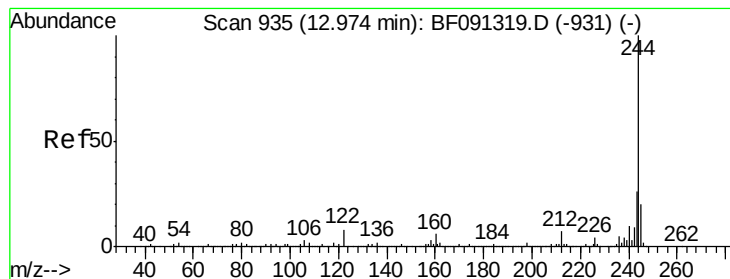


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 113.03 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.04 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

Instrument :

BNA_F

ClientSampleId :

MW-05

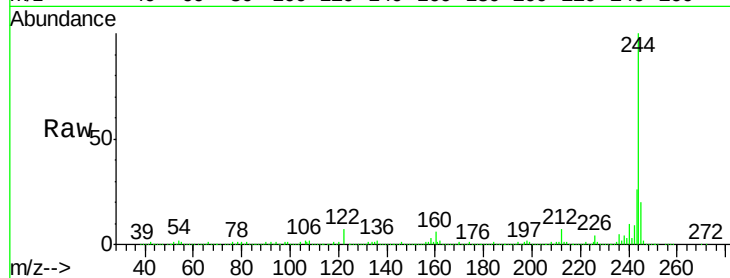
Tgt Ion:244 Resp: 1510843

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

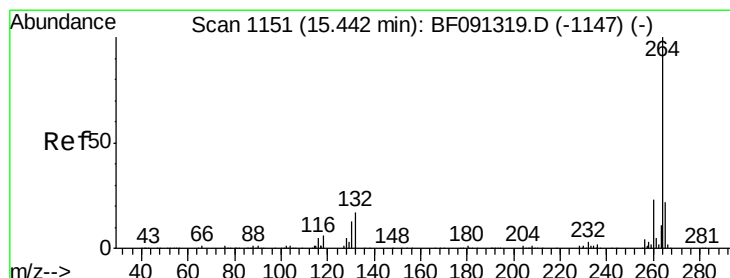
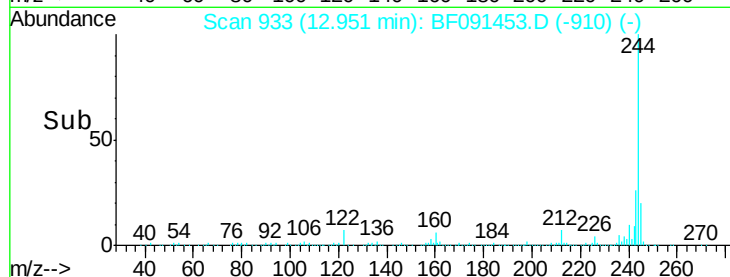
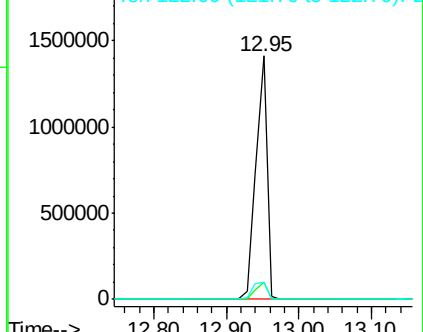
122 6.8 9.5 14.3#



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: 15.41 min Scan# 1148

Delta R.T. -0.06 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

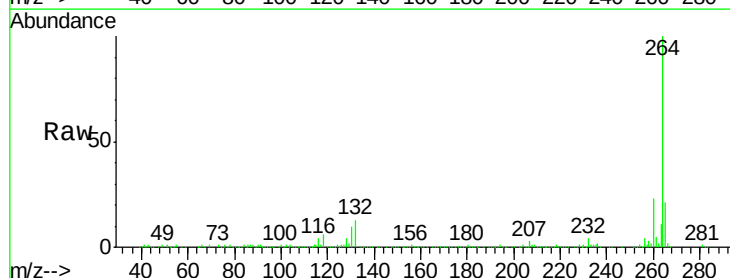
Tgt Ion:264 Resp: 253987

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 21.2 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

