

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
 Data File : BF092100.D
 Acq On : 5 Jan 2017 20:30
 Operator : UM/SJ
 Sample : I1004-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: Jan 06 00:03:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

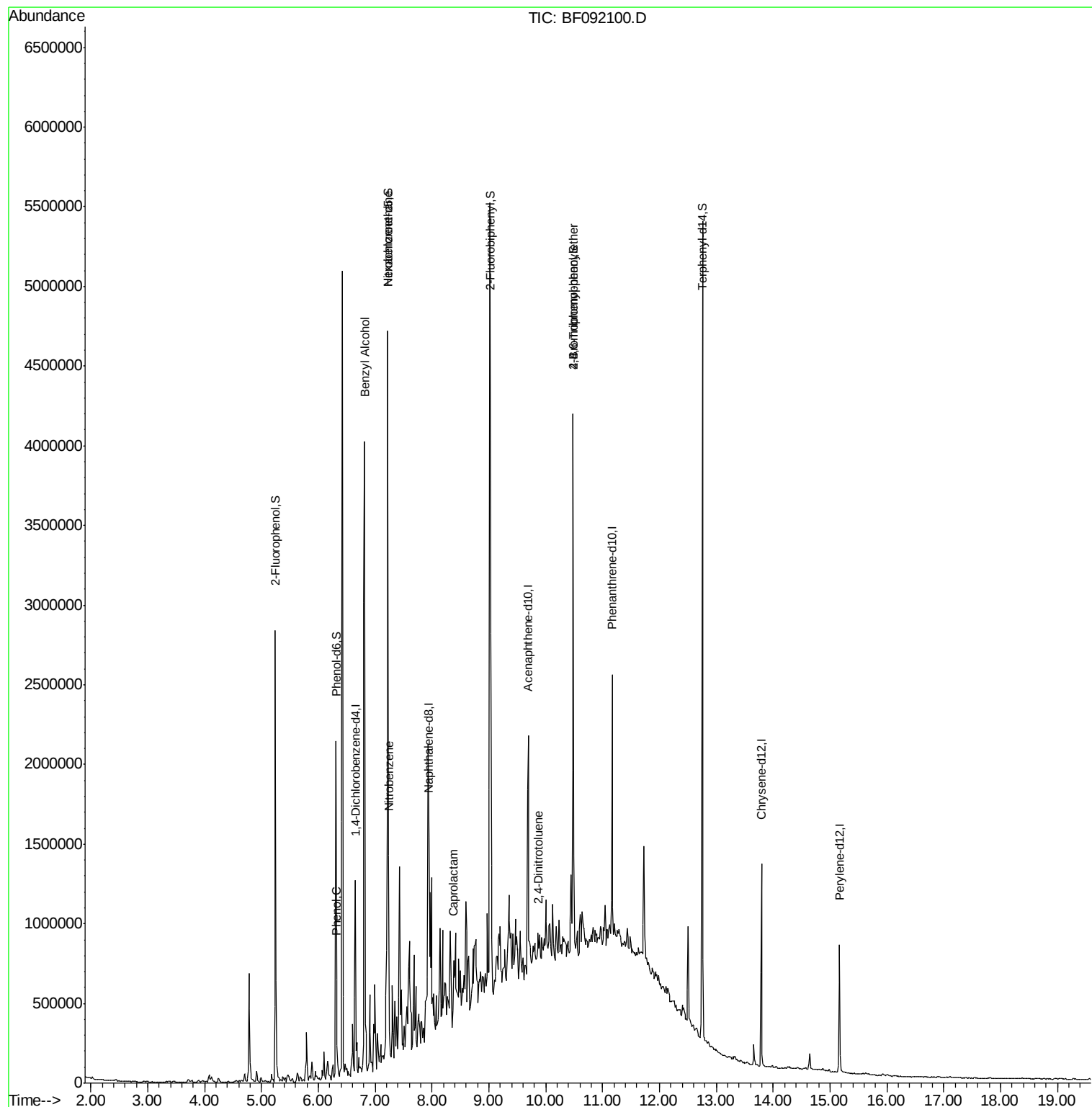
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	193762	20.00	ng	-0.05
21) Naphthalene-d8	7.94	136	705086	20.00	ng	-0.05
38) Acenaphthene-d10	9.69	164	389224	20.00	ng	-0.06
63) Phenanthrene-d10	11.17	188	609820	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	502673	20.00	ng	-0.07
86) Perylene-d12	15.17	264	394523	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	831326	71.64	ng	-0.07
7) Phenol-d6	6.31	99	727785	51.37	ng	-0.07
23) Nitrobenzene-d5	7.22	82	1384530	109.19	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	446982	138.77	ng	-0.06
44) 2-Fluorobiphenyl	9.02	172	2071744	113.36	ng	-0.06
78) Terphenyl-d14	12.76	244	1721468	83.06	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.20	77	1323	Below Cal	#	1
10) Phenol	6.32	94	70227	4.35	ng	79
15) Benzyl Alcohol	6.81	79	26631	2.42	ng	17
18) Hexachloroethane	7.22	117	453121	85.21	ng	2
24) Nitrobenzene	7.24	77	57751	4.28	ng	18
35) Caprolactam	8.38	113	8546	2.78	ng	1
37) 2-Methylnaphthalene	8.65	142	3555	Below Cal	#	2
56) 2,4-Dinitrotoluene	9.88	165	23444	3.43	ng	51
66) 4-Bromophenyl-phenylether	10.48	248	28628	4.51	ng	1
71) Anthracene	11.29	178	5036	Below Cal	#	1
73) Di-n-butylphthalate	11.75	149	10756	Below Cal	#	38
74) Fluoranthene	12.38	202	1860	Below Cal	#	18
76) Benzidine	12.44	184	778	Below Cal	#	1

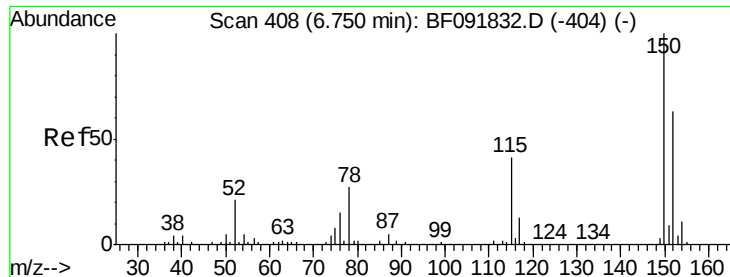
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

Instrument :

BNA_F

ClientSampleId :

MW-22

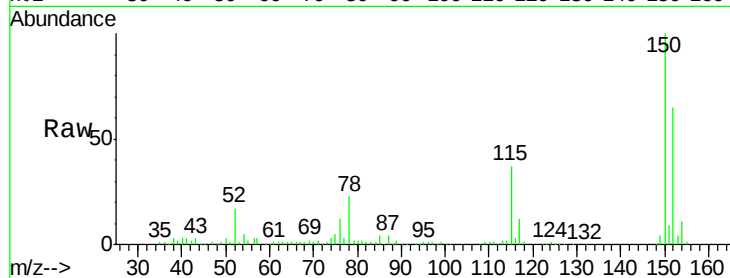
Tgt Ion:152 Resp: 193762

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

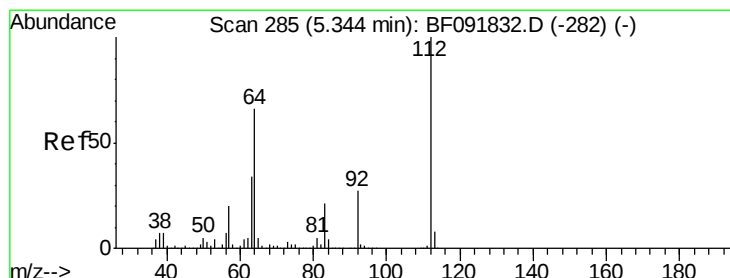
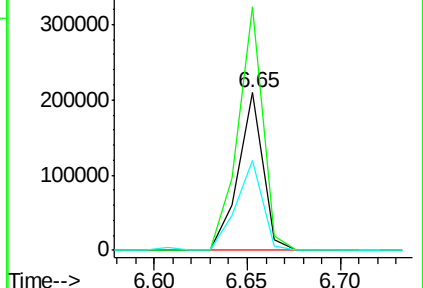
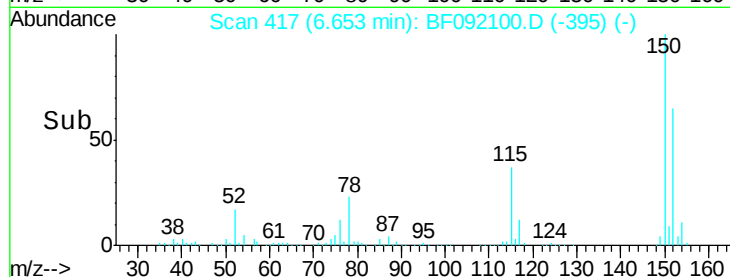
115 57.6 46.0 69.0



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: 71.64 ng

RT: 5.25 min Scan# 294

Delta R.T. -0.07 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

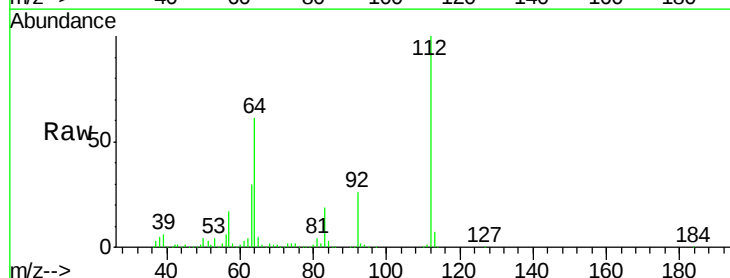
Tgt Ion:112 Resp: 831326

Ion Ratio Lower Upper

112 100

64 60.8 46.1 69.1

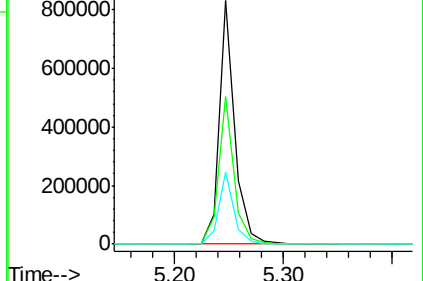
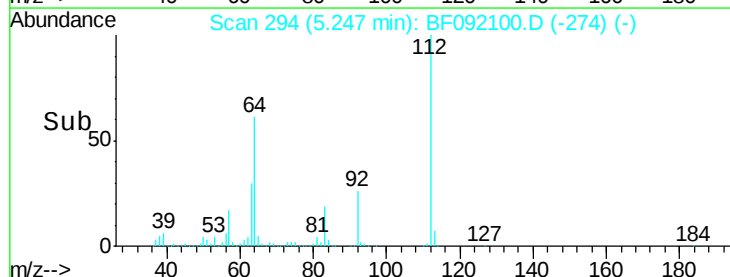
63 29.6 23.8 35.6

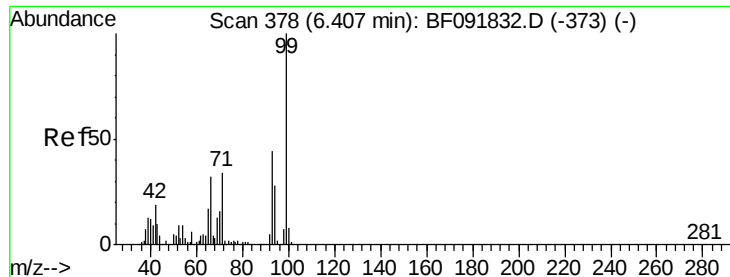


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.37 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.07 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

Instrument :

BNA_F

ClientSampled :

MW-22

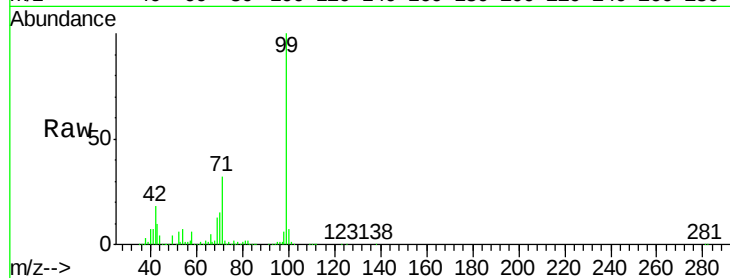
Tgt Ion: 99 Resp: 727785

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

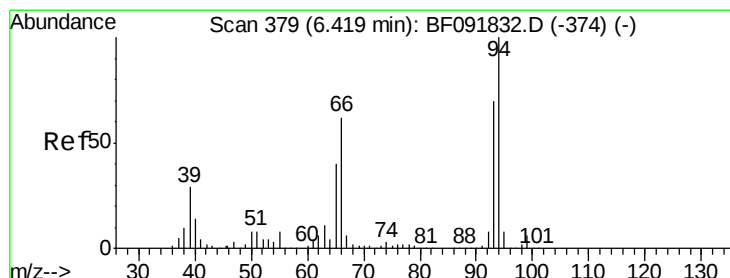
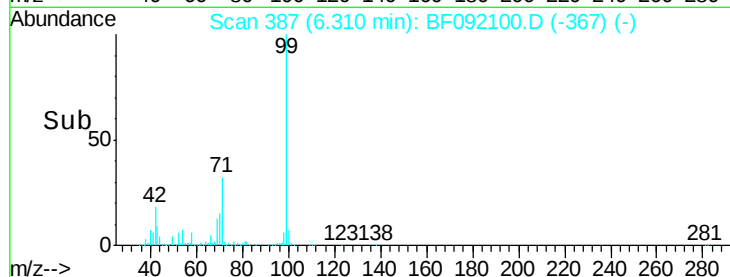
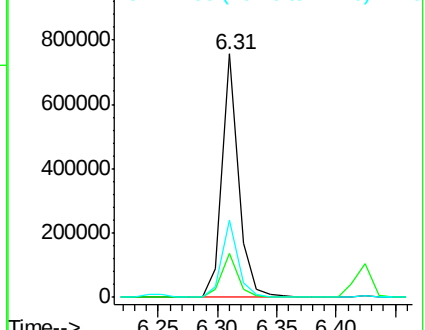
71 31.9 27.5 41.3



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



#10

Phenol

Concen: 4.35 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.07 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

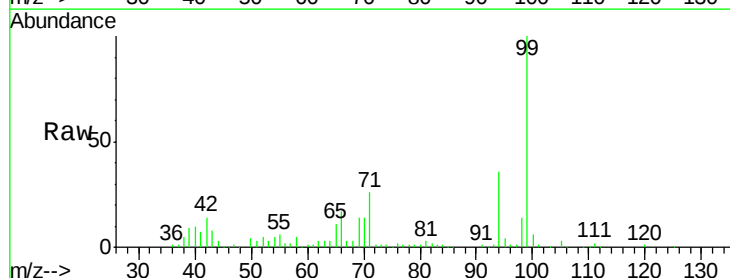
Tgt Ion: 94 Resp: 70227

Ion Ratio Lower Upper

94 100

65 30.0 21.4 61.4

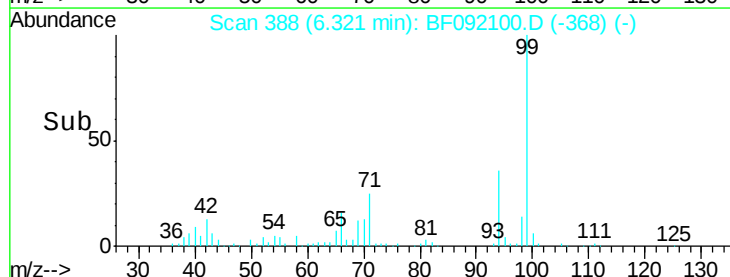
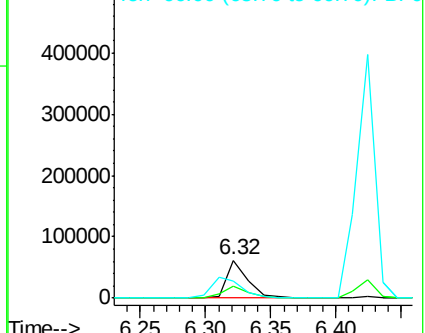
66 45.9 44.0 84.0

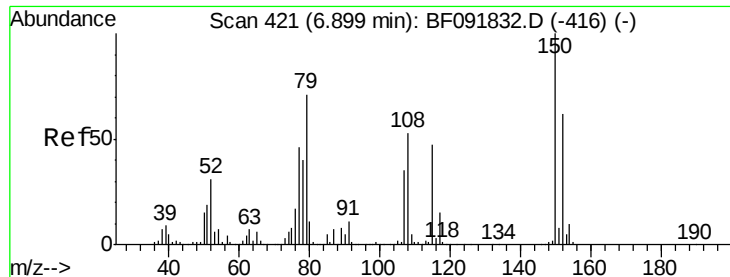


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.42 ng

RT: 6.81 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

Instrument :

BNA_F

ClientSampleId :

MW-22

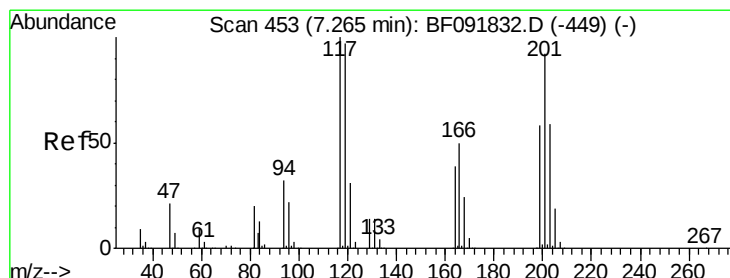
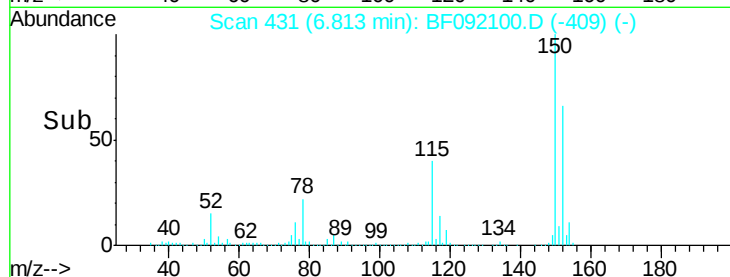
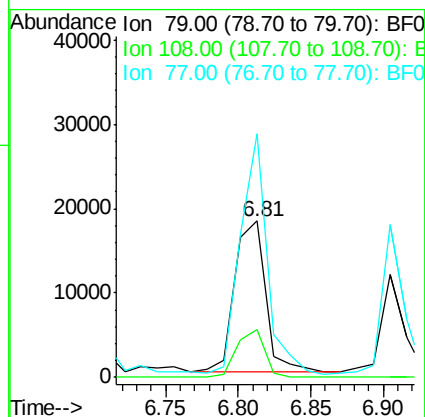
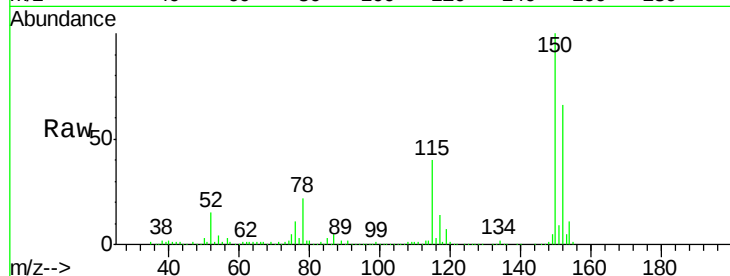
Tgt Ion: 79 Resp: 26631

Ion Ratio Lower Upper

79 100

108 30.3 61.4 92.0#

77 156.0 50.9 76.3#



#18

Hexachloroethane

Concen: 85.21 ng

RT: 7.22 min Scan# 467

Delta R.T. 0.01 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

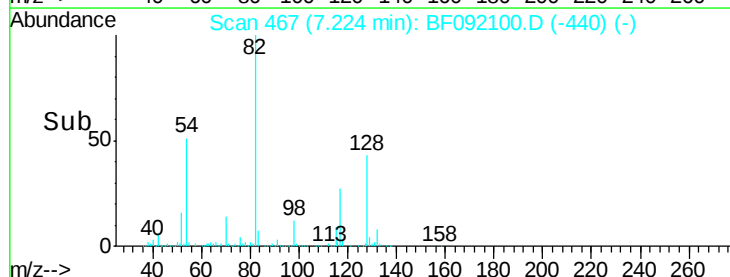
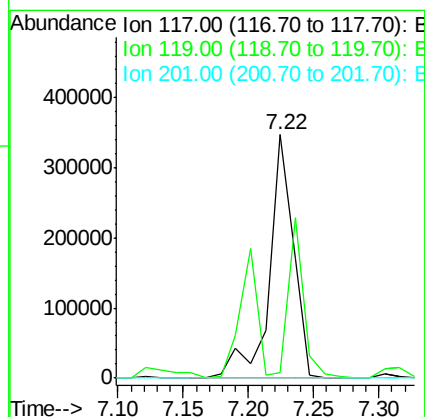
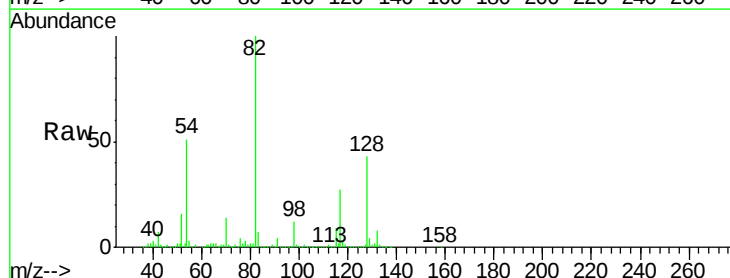
Tgt Ion: 117 Resp: 453121

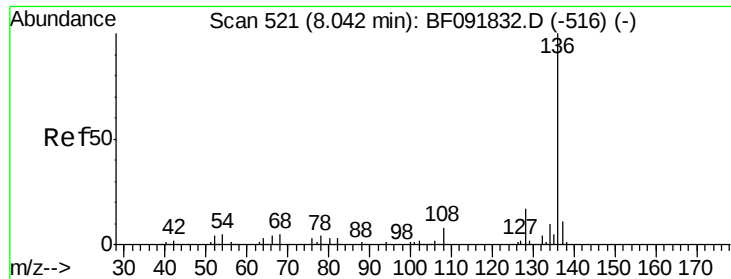
Ion Ratio Lower Upper

117 100

119 2.3 78.1 117.1#

201 0.0 78.6 117.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

Instrument :

BNA_F

ClientSampleId :

MW-22

Tgt Ion:136 Resp: 705086

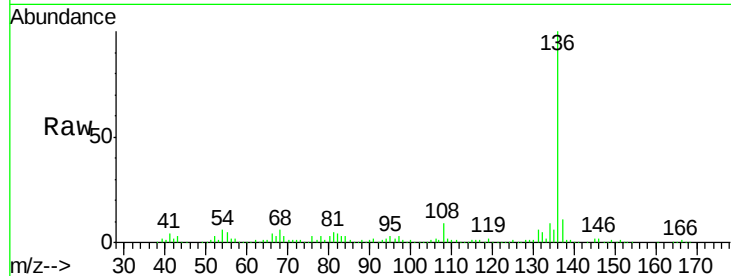
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 6.2 4.5 6.7

68 5.5 3.6 5.4#

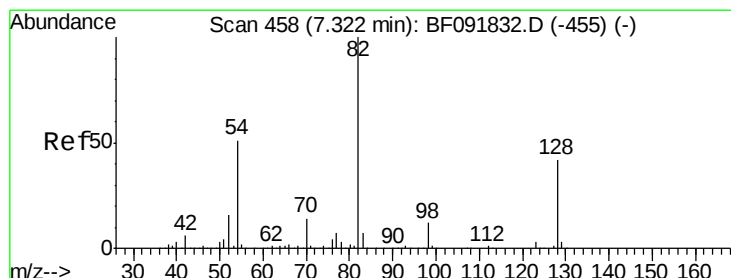
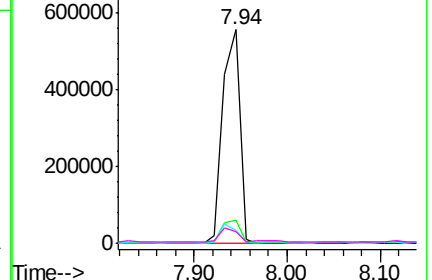
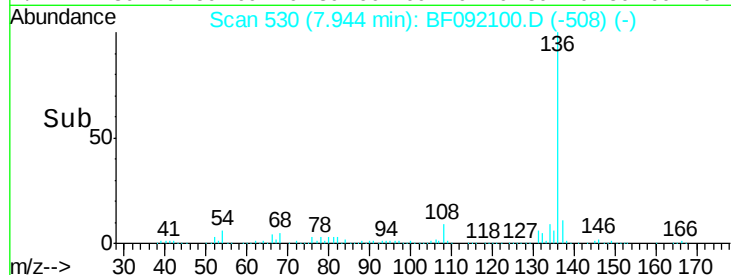


Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.19 ng

RT: 7.22 min Scan# 467

Delta R.T. -0.06 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

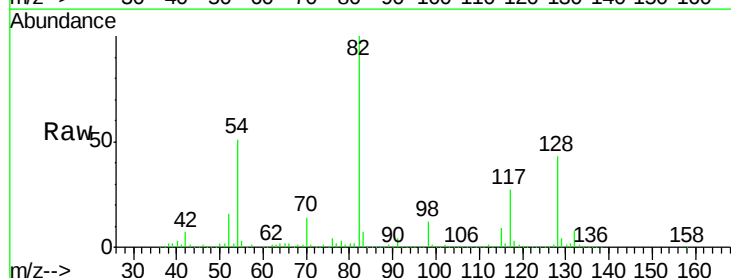
Tgt Ion: 82 Resp: 1384530

Ion Ratio Lower Upper

82 100

128 42.7 34.6 52.0

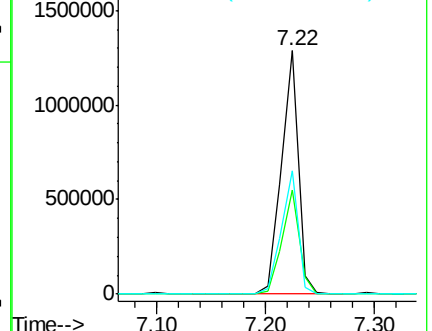
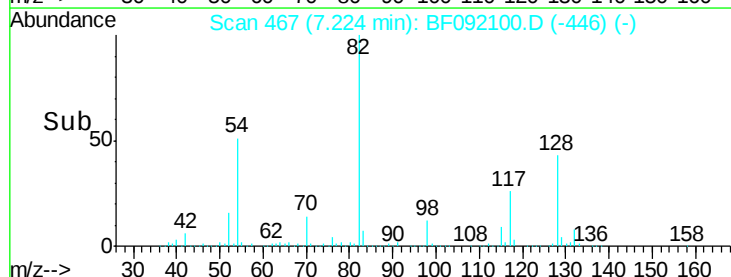
54 50.6 39.5 59.3

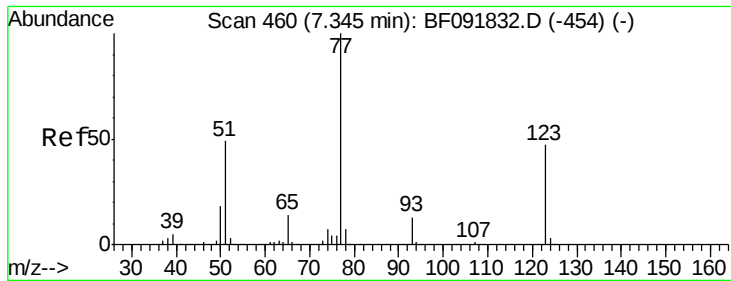


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

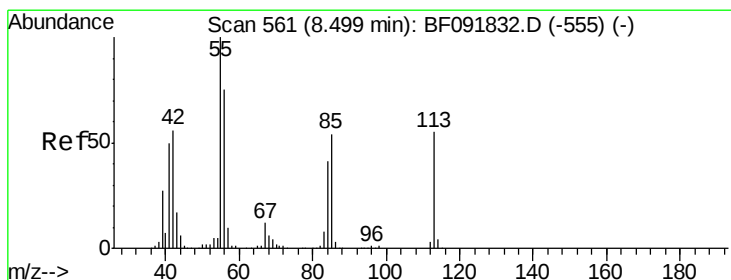
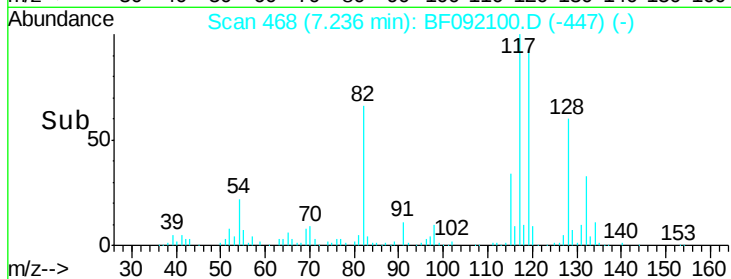
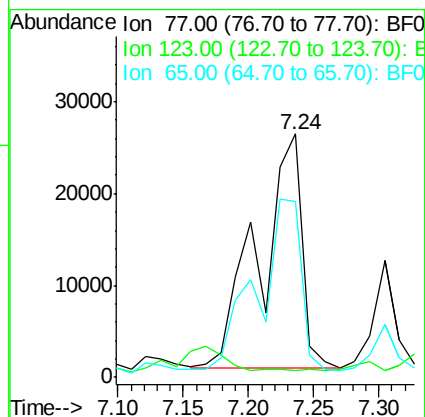
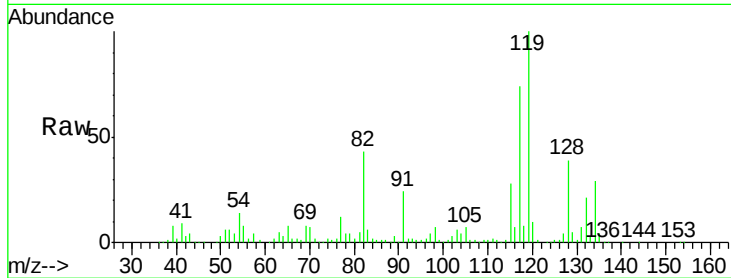




#24
 Nitrobenzene
 Concen: 4.28 ng
 RT: 7.24 min Scan# 468
 Delta R.T. -0.06 min
 Lab File: BF092100.D
 Acq: 5 Jan 2017 20:30

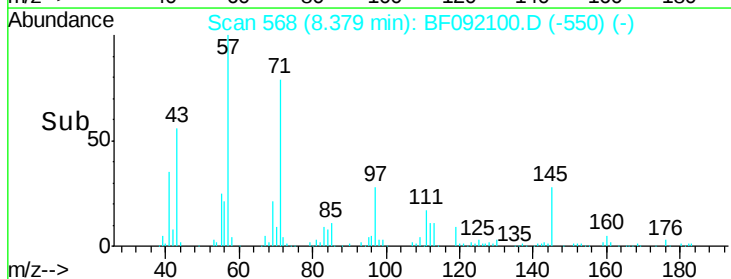
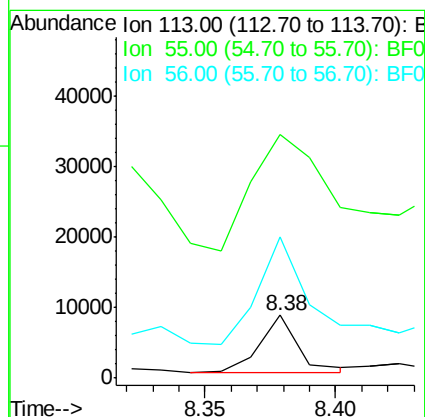
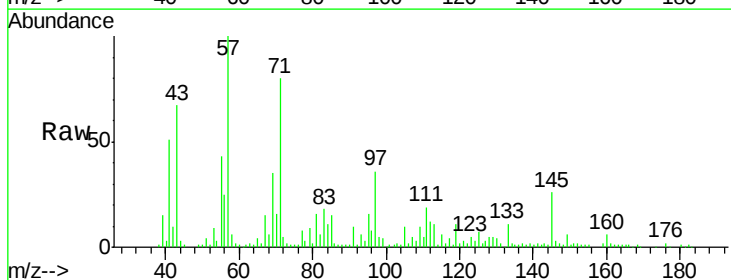
Instrument :
 BNA_F
 ClientSampled :
 MW-22

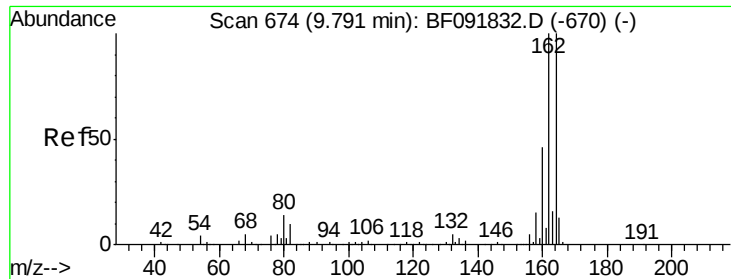
Tgt Ion: 77 Resp: 57751
 Ion Ratio Lower Upper
 77 100
 123 3.0 33.0 49.4#
 65 72.0 11.2 16.8#



#35
 Caprolactam
 Concen: 2.78 ng
 RT: 8.38 min Scan# 568
 Delta R.T. -0.10 min
 Lab File: BF092100.D
 Acq: 5 Jan 2017 20:30

Tgt Ion: 113 Resp: 8546
 Ion Ratio Lower Upper
 113 100
 55 386.7 119.2 159.2#
 56 224.3 83.8 123.8#

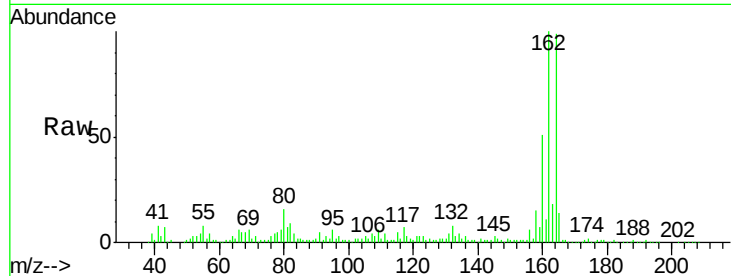




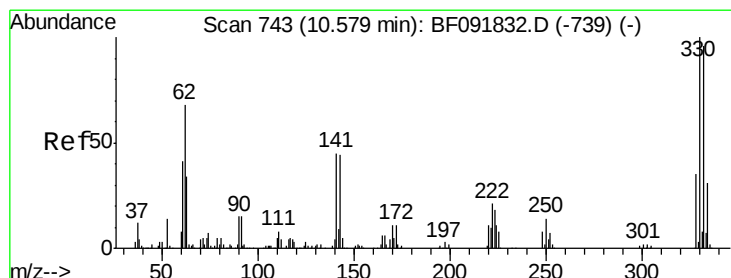
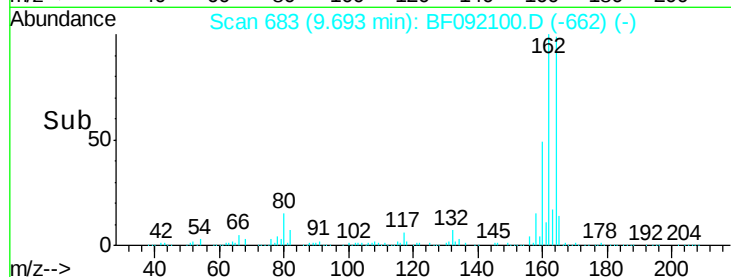
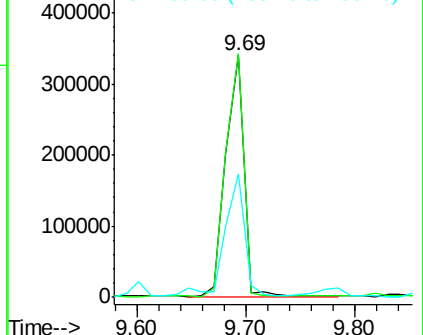
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:164 Resp: 389224
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 51.1 36.9 55.3

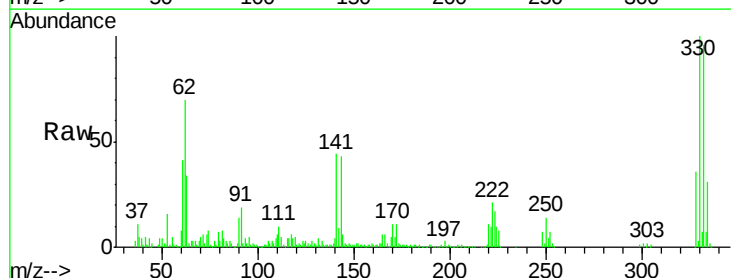


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

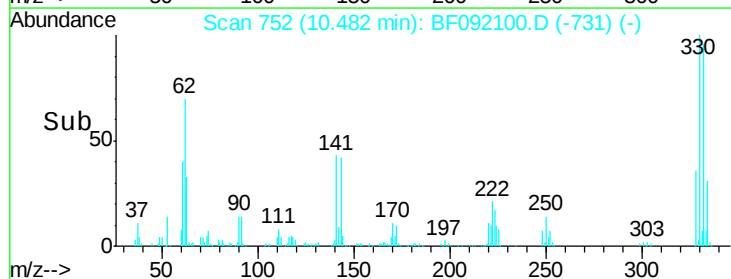
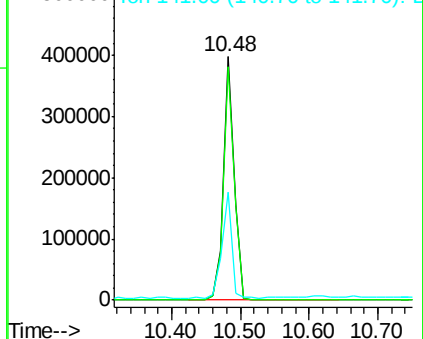


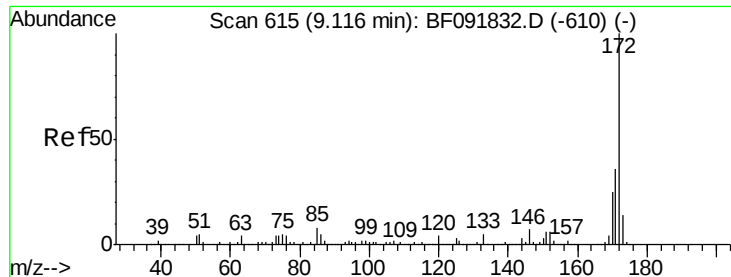
#41
2,4,6-Tribromophenol
Concen: 138.77 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.06 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Tgt Ion:330 Resp: 446982
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 39.9 34.1 51.1



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: 113.36 ng

RT: 9.02 min Scan# 624

Delta R.T. -0.06 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

Instrument :

BNA_F

ClientSampleId :

MW-22

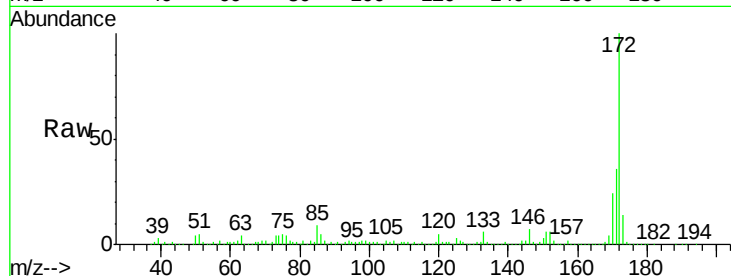
Tgt Ion:172 Resp: 2071744

Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.0

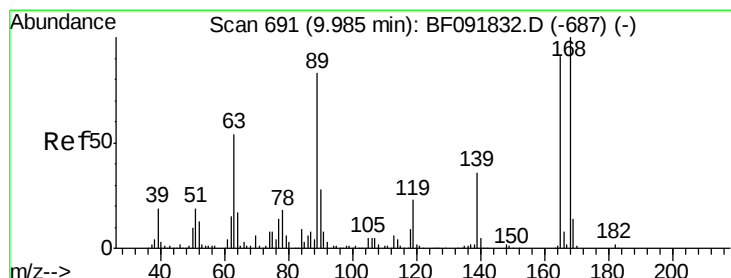
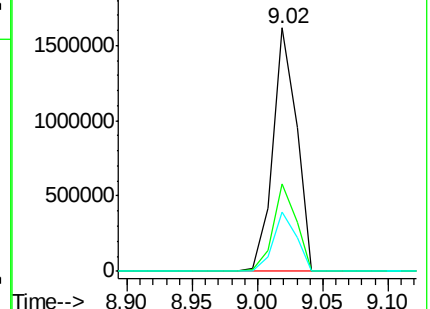
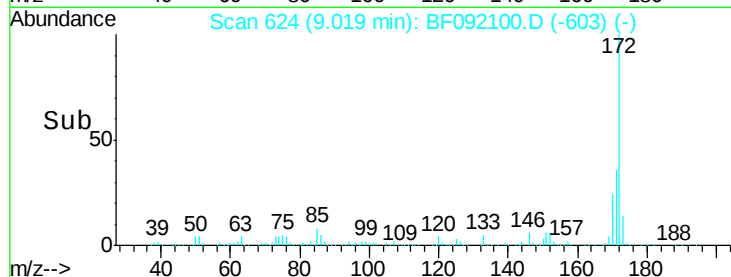
170 24.4 20.2 30.4



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



#56

2,4-Dinitrotoluene

Concen: 3.43 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.07 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

Tgt Ion:165 Resp: 23444

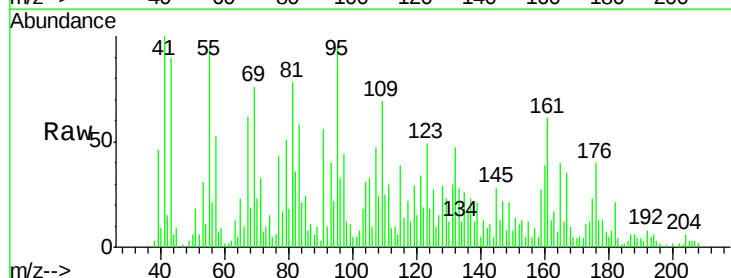
Ion Ratio Lower Upper

165 100

63 31.7 40.2 60.4#

89 25.4 62.5 93.7#

182 53.3 1.8 2.8#

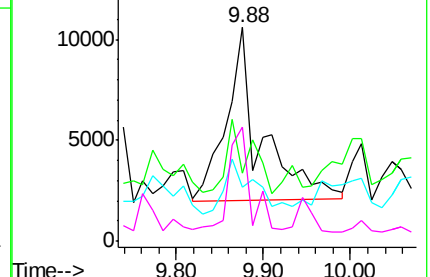
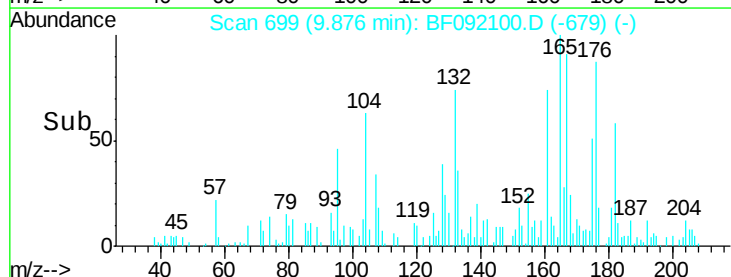


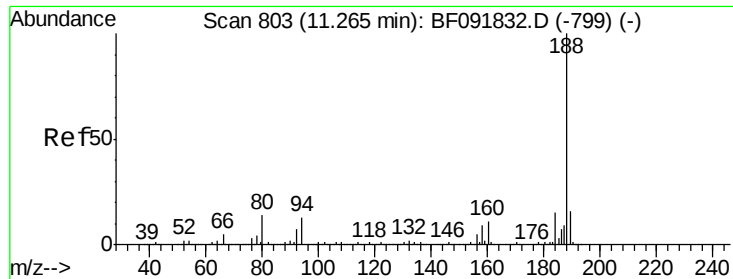
Abundance Ion 165.00 (164.70 to 165.70): E

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

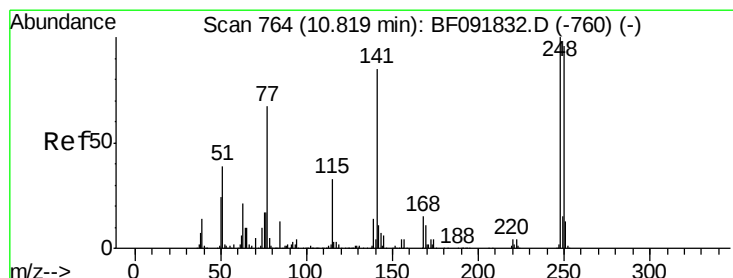
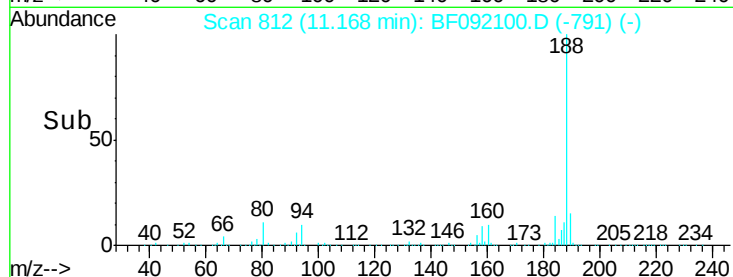
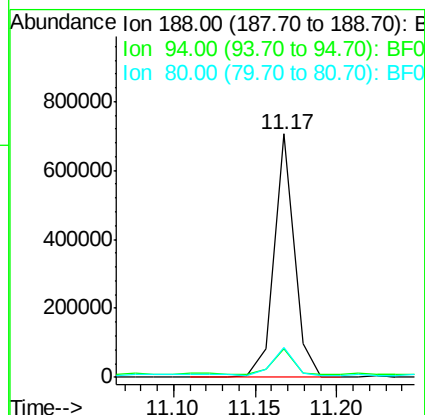
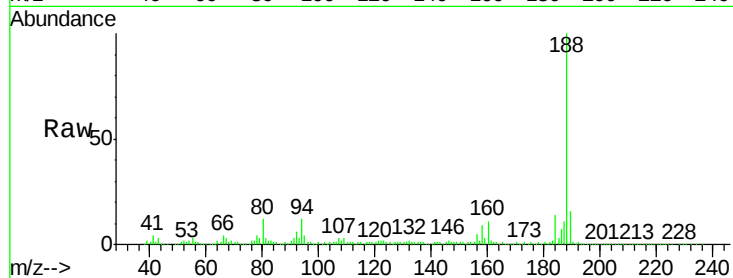




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF092100.D
 Acq: 5 Jan 2017 20:30

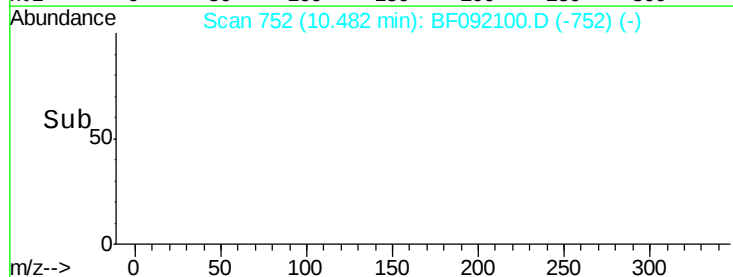
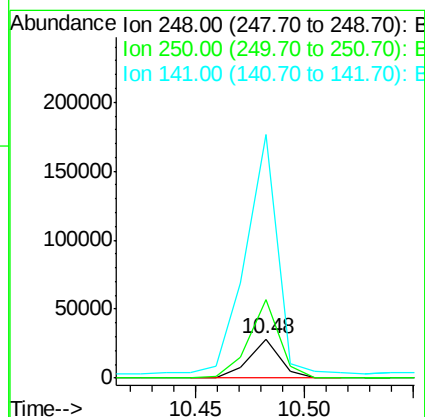
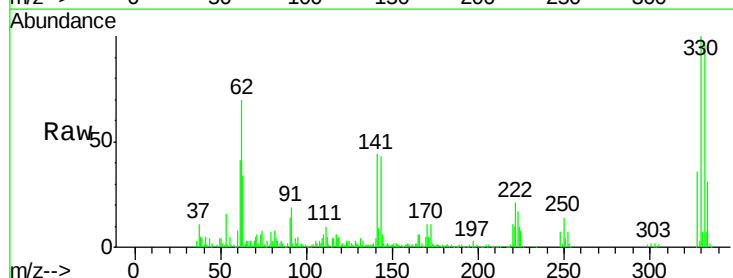
Instrument :
 BNA_F
 ClientSampleId :
 MW-22

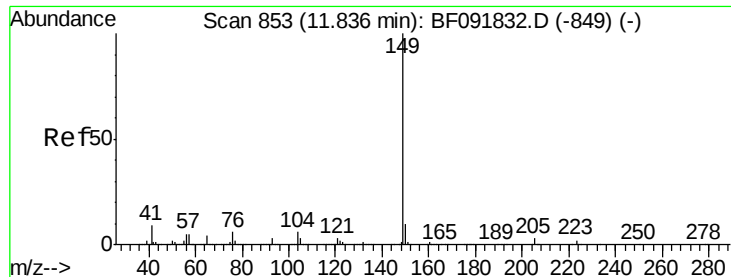
Tgt Ion:188 Resp: 609820
 Ion Ratio Lower Upper
 188 100
 94 11.7 10.0 15.0
 80 12.1 11.2 16.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.48 min Scan# 752
 Delta R.T. -0.30 min
 Lab File: BF092100.D
 Acq: 5 Jan 2017 20:30

Tgt Ion:248 Resp: 28628
 Ion Ratio Lower Upper
 248 100
 250 199.6 76.9 115.3#
 141 618.5 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.75 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

Instrument :

BNA_F

ClientSampleId :

MW-22

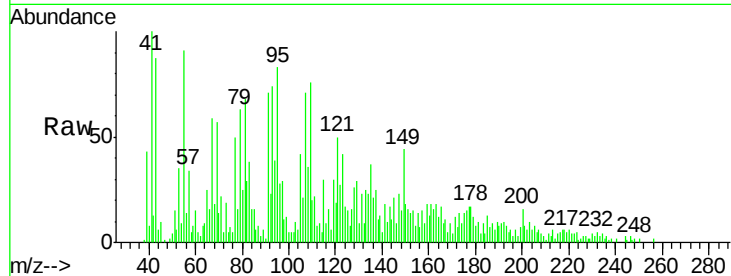
Tgt Ion:149 Resp: 10756

Ion Ratio Lower Upper

149 100

150 41.1 8.1 12.1#

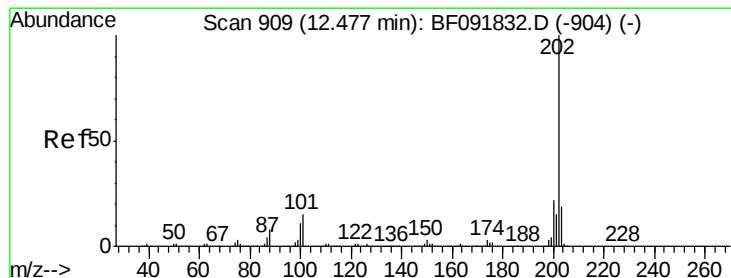
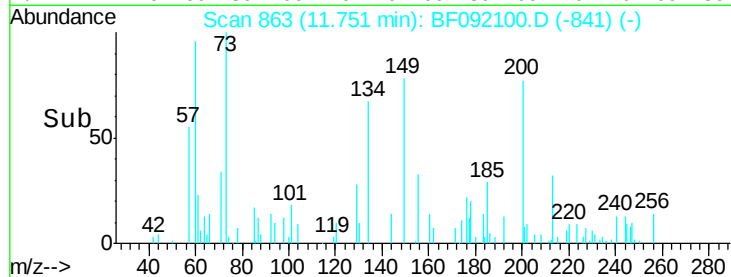
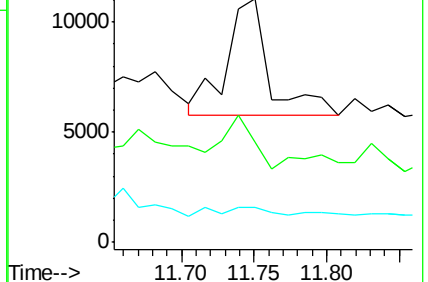
104 14.3 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.38 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

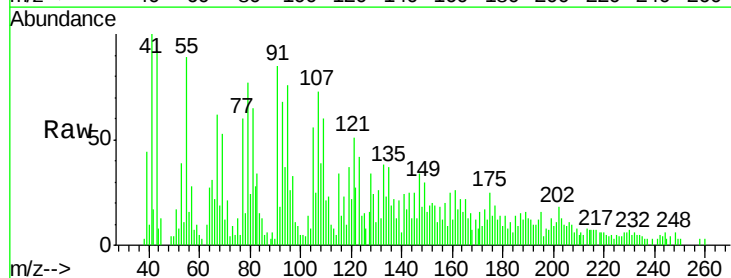
Tgt Ion:202 Resp: 1860

Ion Ratio Lower Upper

202 100

101 30.4 0.0 34.6

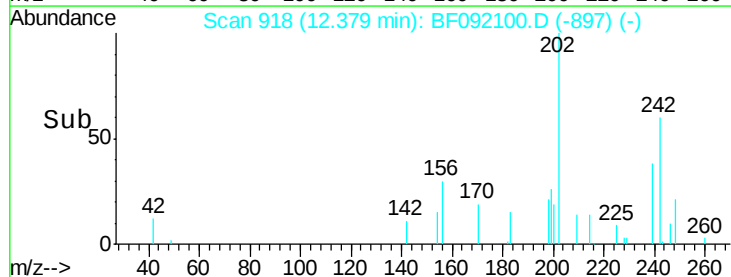
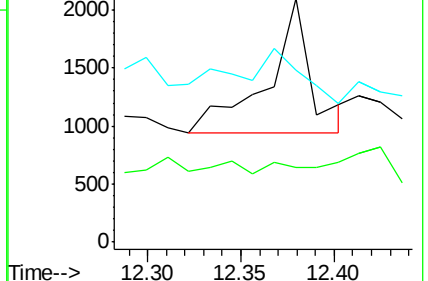
203 70.6 0.0 38.7#

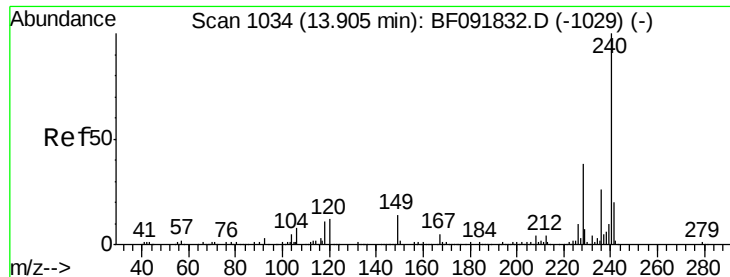


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

Instrument :

BNA_F

ClientSampleId :

MW-22

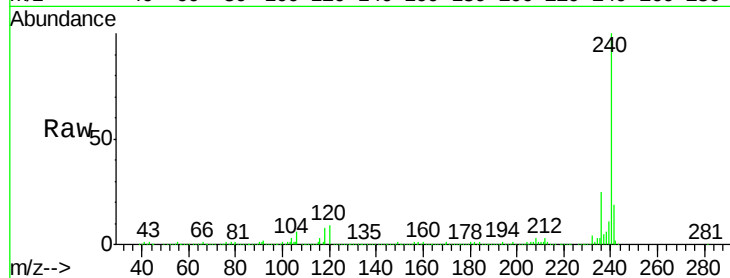
Tgt Ion:240 Resp: 502673

Ion Ratio Lower Upper

240 100

120 8.9 12.9 19.3#

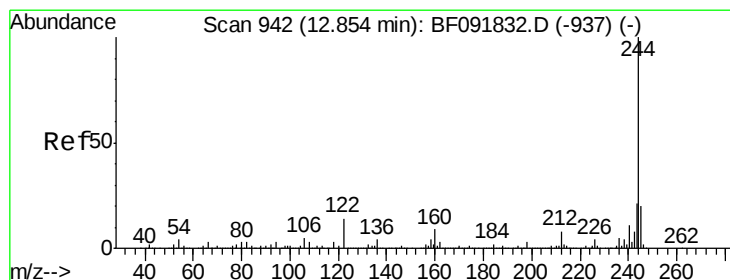
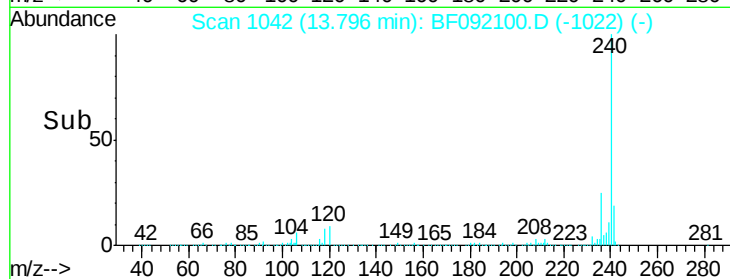
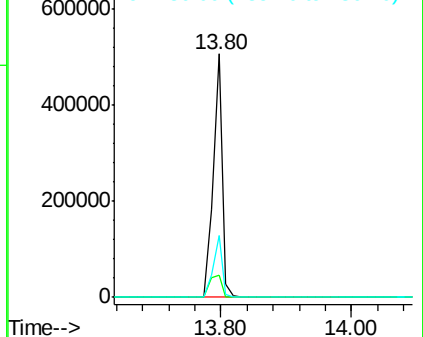
236 25.4 20.9 31.3



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: 83.06 ng

RT: 12.76 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

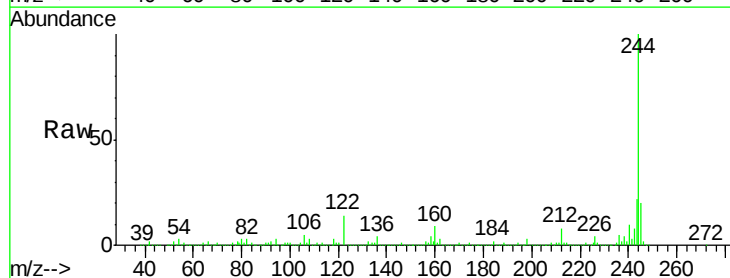
Tgt Ion:244 Resp: 1721468

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

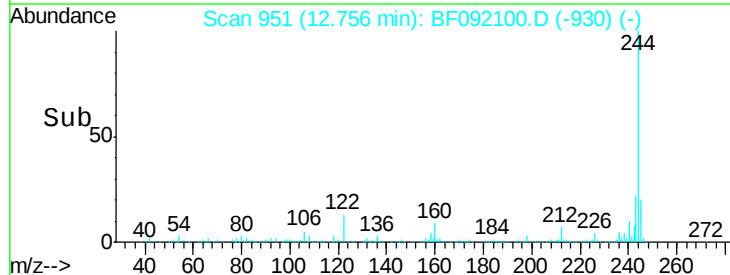
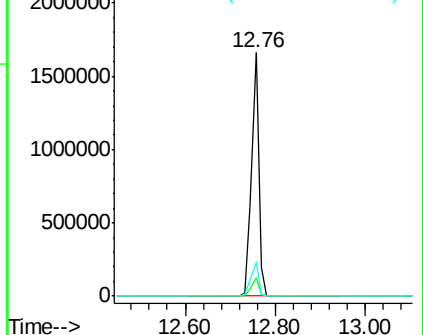
122 13.6 11.4 17.2

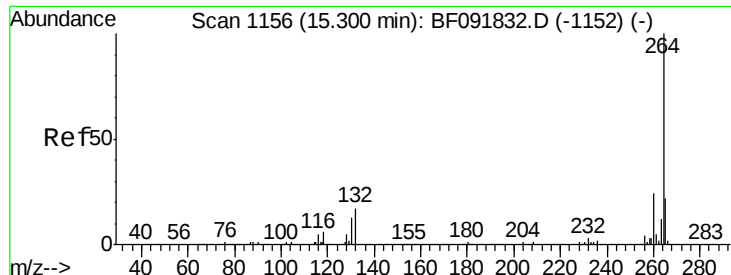


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 1162
Delta R.T. -0.09 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion: 264 Resp: 394523
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 20.9 17.4 26.0

