

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092094.D
 Acq On : 5 Jan 2017 3:22
 Operator : UM/SJ
 Sample : I1004-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: Jan 05 04:48:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 05 00:16:49 2017
 Response via : Initial Calibration

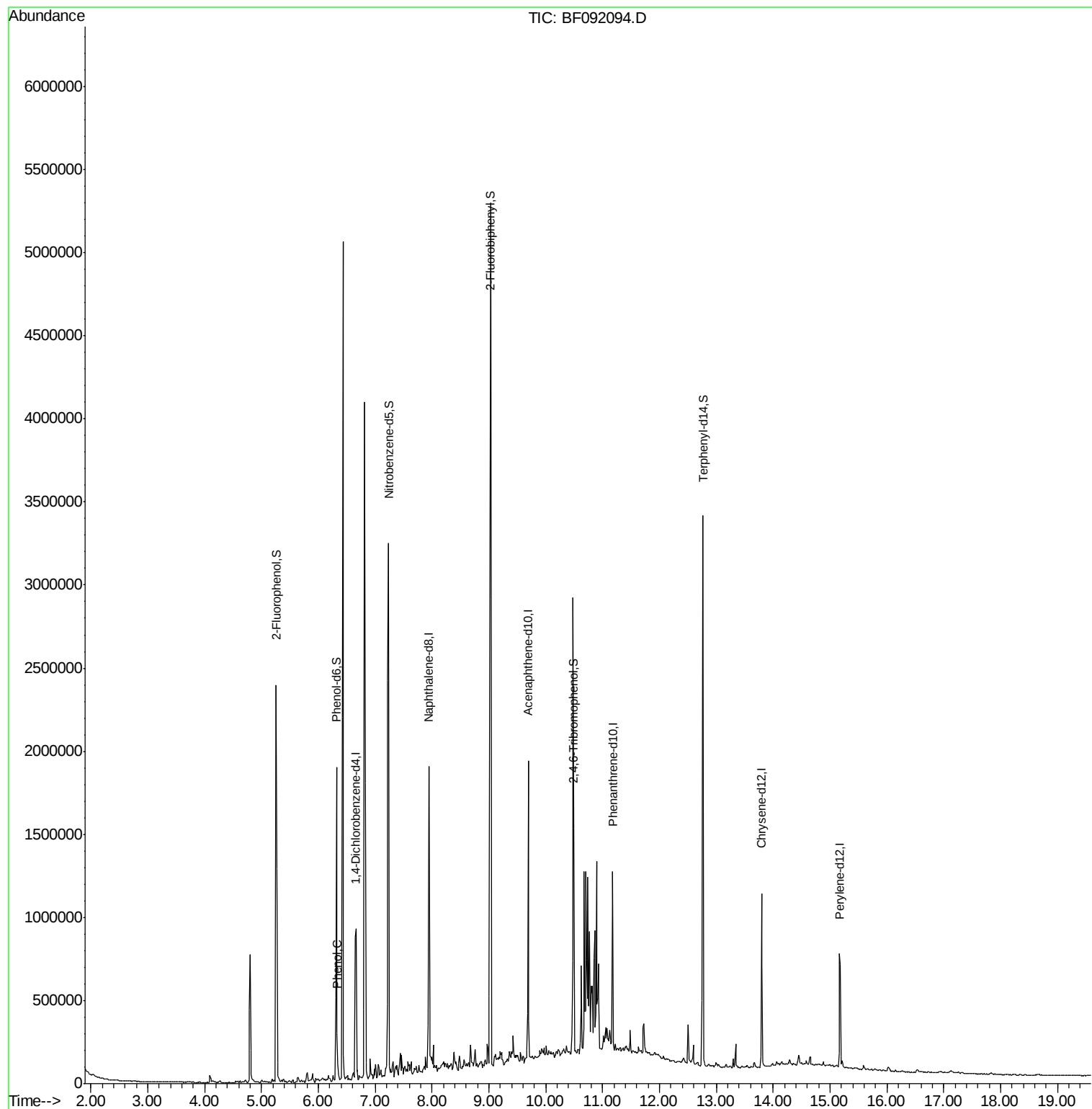
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	208312	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	802851	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	365763	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	569368	20.00	ng	0.00
75) Chrysene-d12	13.80	240	432122	20.00	ng	-0.01
86) Perylene-d12	15.18	264	371972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	809195	64.86	ng	0.00
7) Phenol-d6	6.32	99	652776	42.86	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1451985	100.57	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	424393	140.20	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1951747	113.69	ng	0.00
78) Terphenyl-d14	12.77	244	1657710	93.04	ng	0.00
Target Compounds						
10) Phenol	6.33	94	40970	2.36	ng	Qvalue # 72

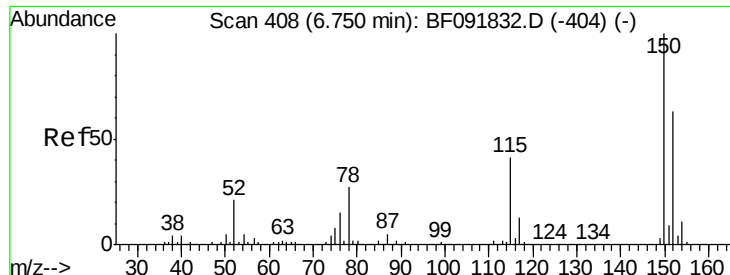
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

MW-09

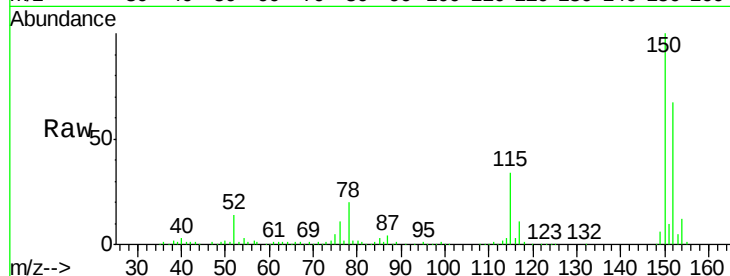
Tot Ion:152 Resp: 208312

Ion Ratio Lower Upper

152 100

150 148.6 124.9 187.3

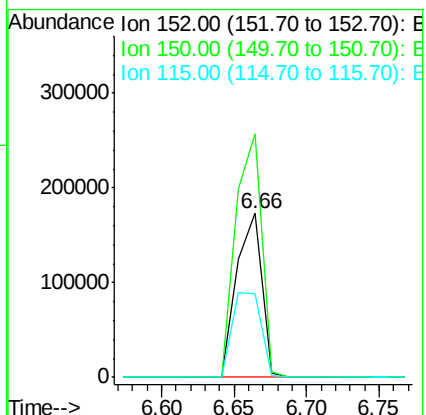
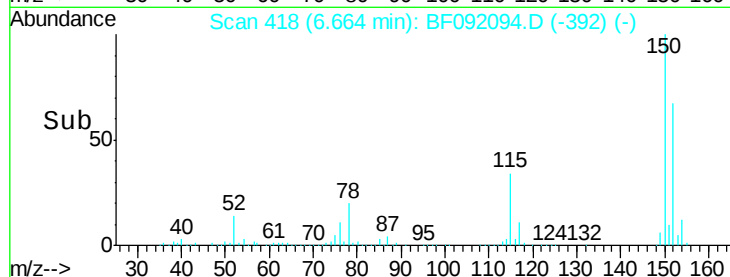
115 50.8 46.0 69.0



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: 64.86 ng

RT: 5.26 min Scan# 295

Delta R.T. -0.00 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

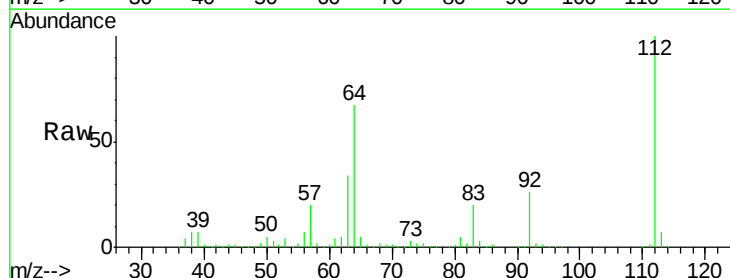
Tgt Ion:112 Resp: 809195

Ion Ratio Lower Upper

112 100

64 66.9 46.1 69.1

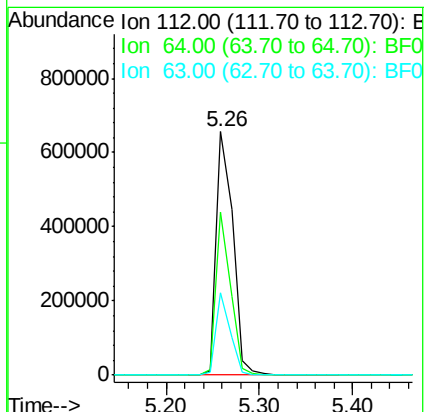
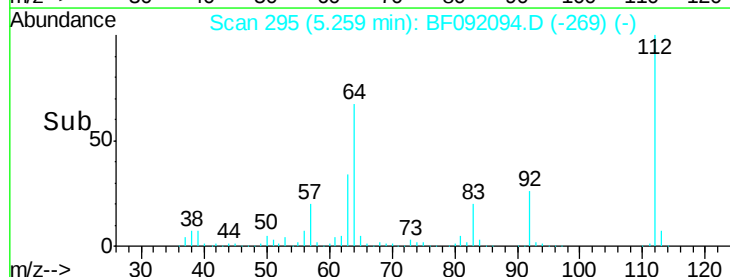
63 33.6 23.8 35.6



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: 42.86 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

MW-09

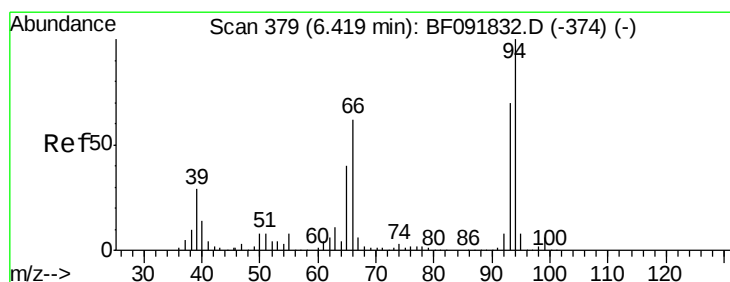
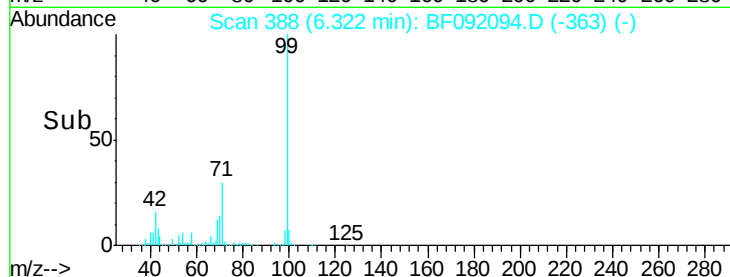
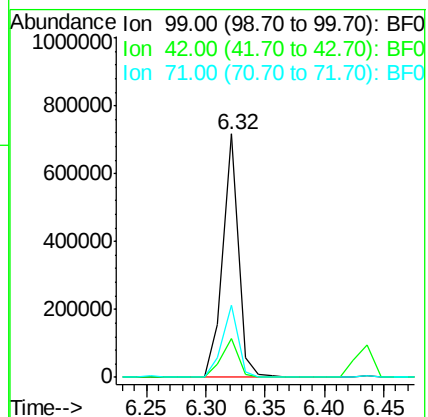
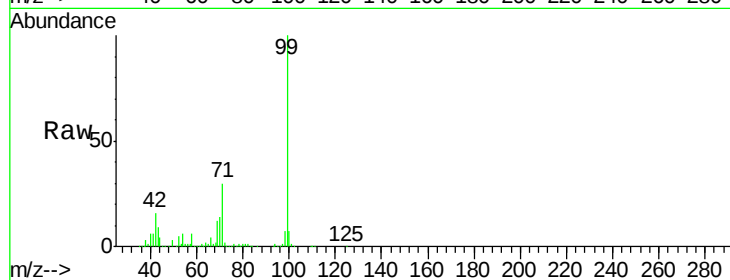
Tot Ion: 99 Resp: 652776

Ion Ratio Lower Upper

99 100

42 15.9 15.6 23.4

71 29.7 27.5 41.3



#10

Phenol

Concen: 2.36 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

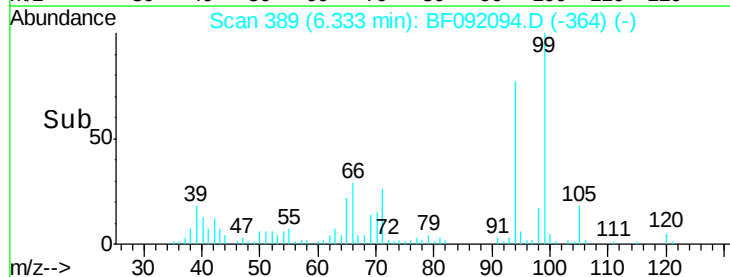
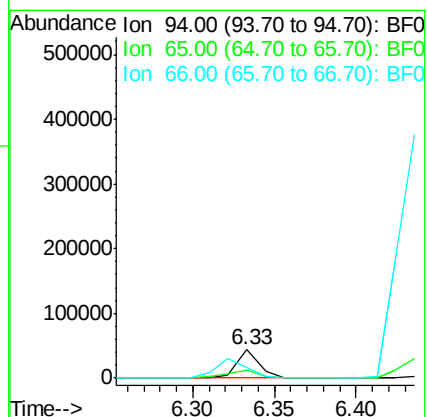
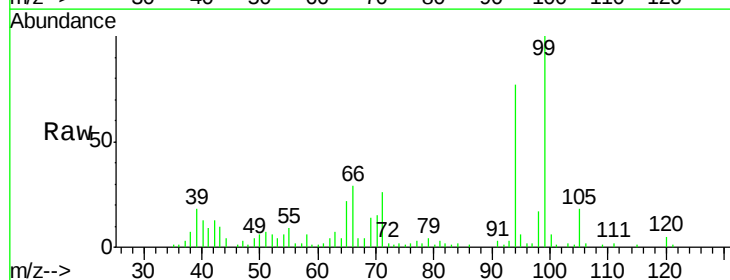
Tgt Ion: 94 Resp: 40970

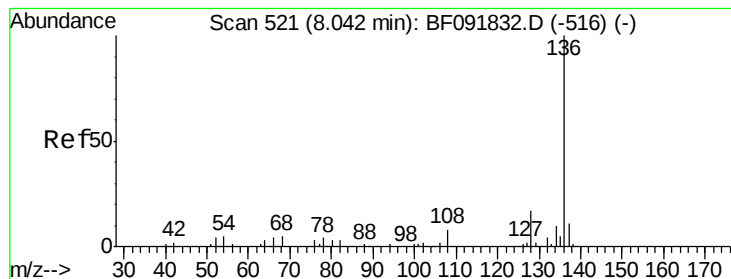
Ion Ratio Lower Upper

94 100

65 28.5 21.4 61.4

66 38.1 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

MW-09

Tot Ion:136 Resp: 802851

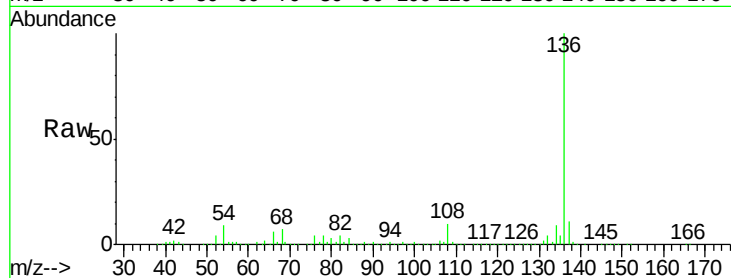
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.8 4.5 6.7#

68 7.0 3.6 5.4#

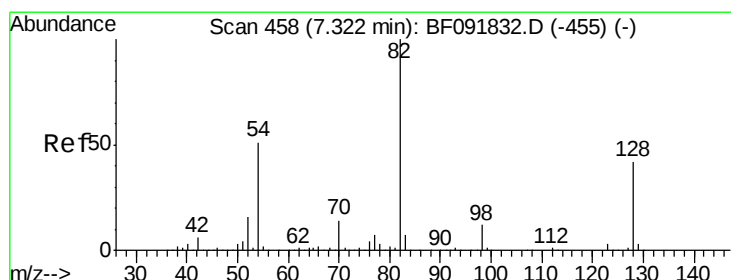
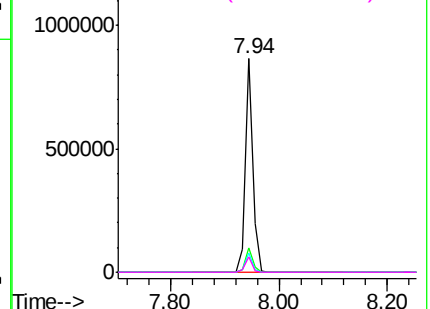
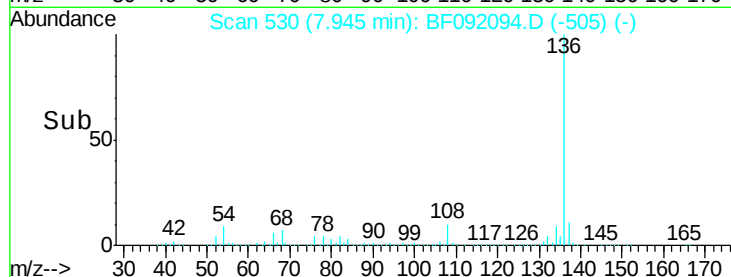


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.57 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

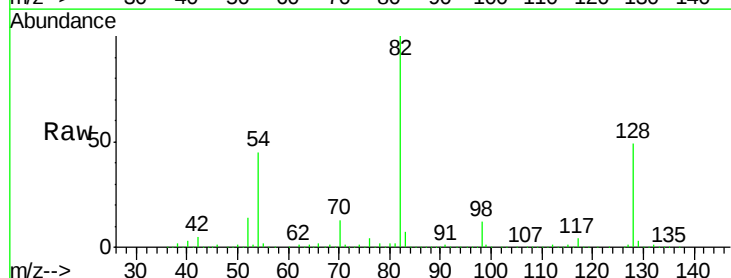
Tgt Ion: 82 Resp: 1451985

Ion Ratio Lower Upper

82 100

128 49.1 34.6 52.0

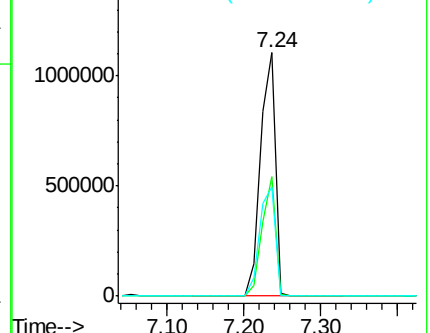
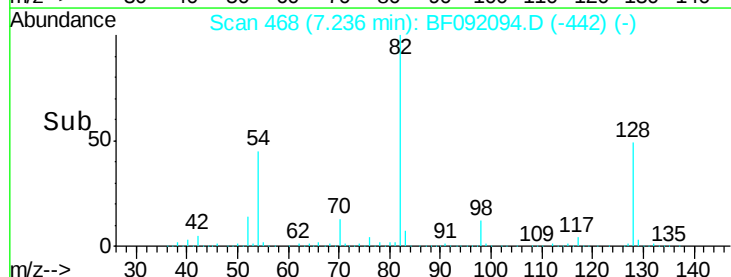
54 44.7 39.5 59.3

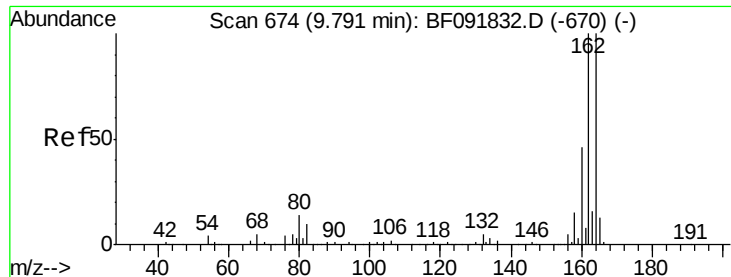


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

Instrument :

BNA_F

ClientSampled :

MW-09

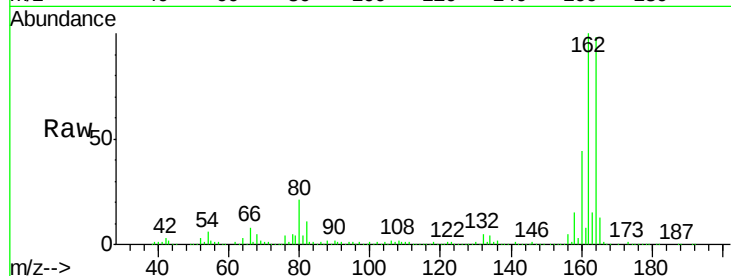
Tot Ion:164 Resp: 365763

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

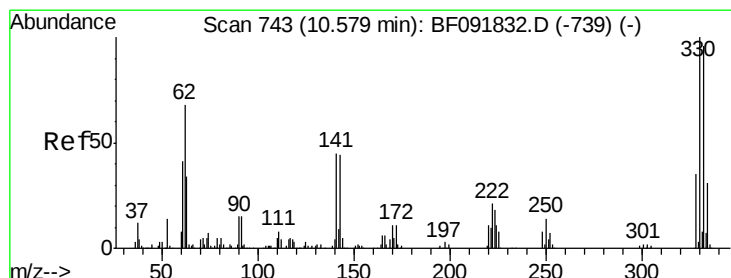
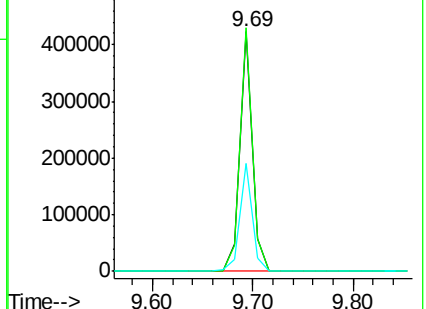
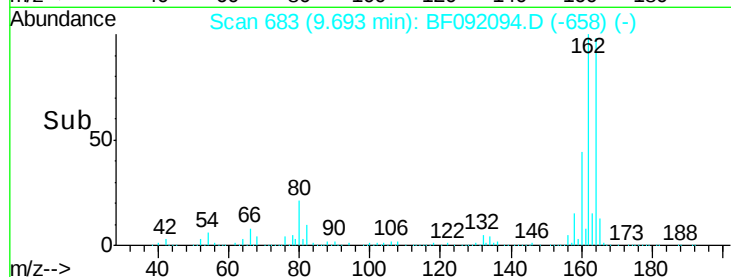
160 45.0 36.9 55.3



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: 140.20 ng

RT: 10.49 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

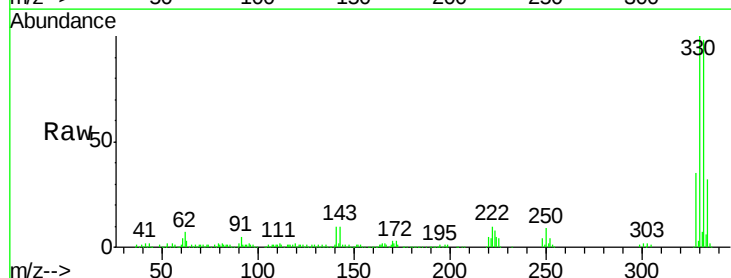
Tgt Ion:330 Resp: 424393

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

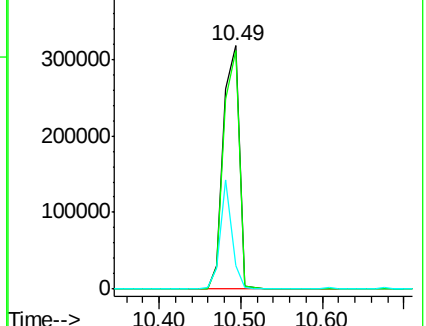
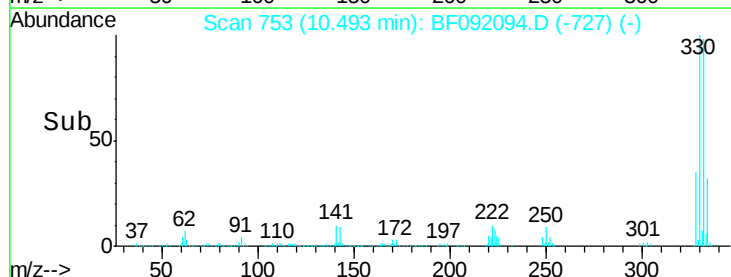
141 33.0 34.1 51.1#

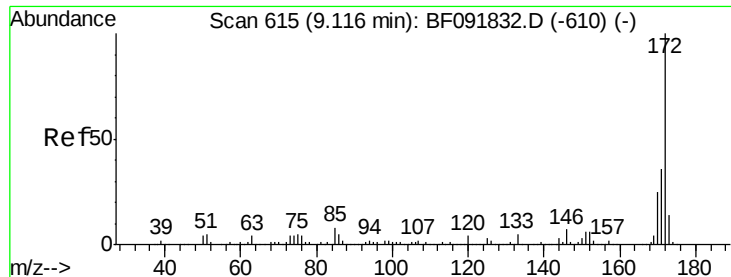


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

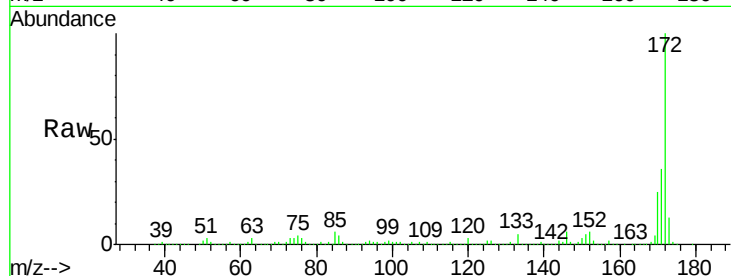




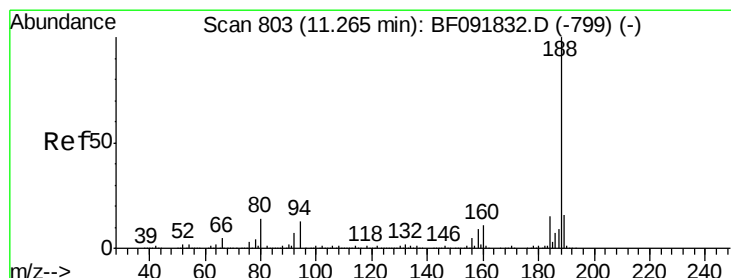
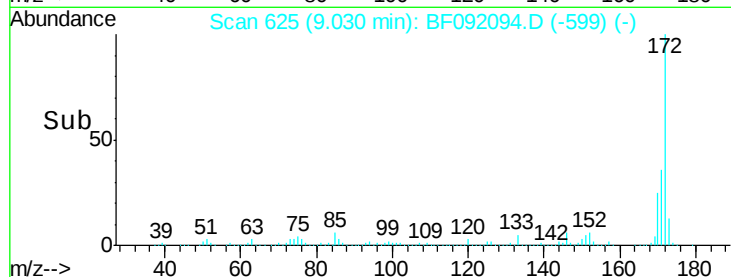
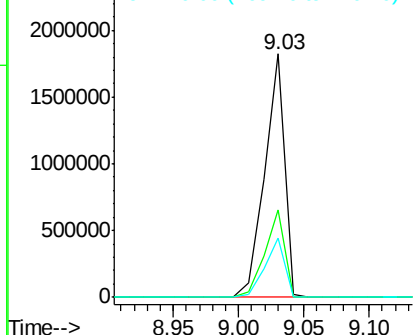
#44
2-Fluorobiphenyl
Concen: 113.69 ng
RT: 9.03 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF092094.D
Acq: 5 Jan 2017 3:22

Instrument :
BNA_F
ClientSampleId :
MW-09

Tot Ion:172 Resp: 1951747
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.6 20.2 30.4

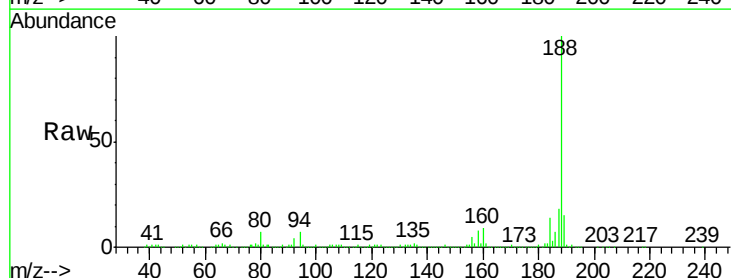


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

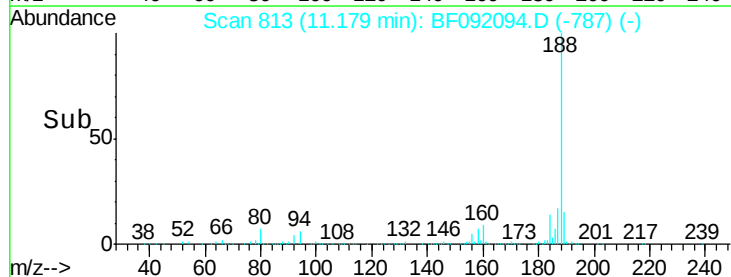
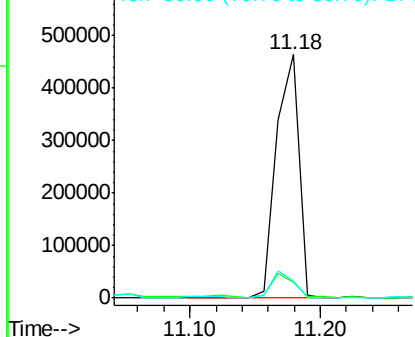


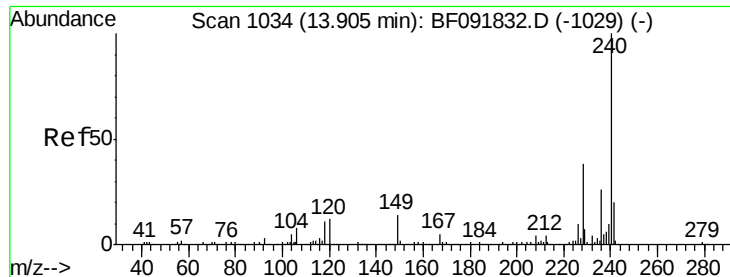
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF092094.D
Acq: 5 Jan 2017 3:22

Tgt Ion:188 Resp: 569368
Ion Ratio Lower Upper
188 100
94 6.7 10.0 15.0#
80 6.9 11.2 16.8#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

MW-09

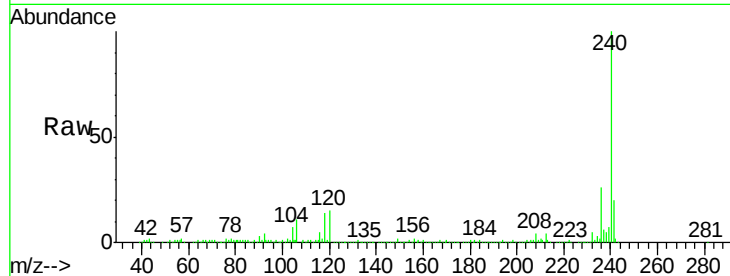
Tot Ion:240 Resp: 432122

Ion Ratio Lower Upper

240 100

120 15.4 12.9 19.3

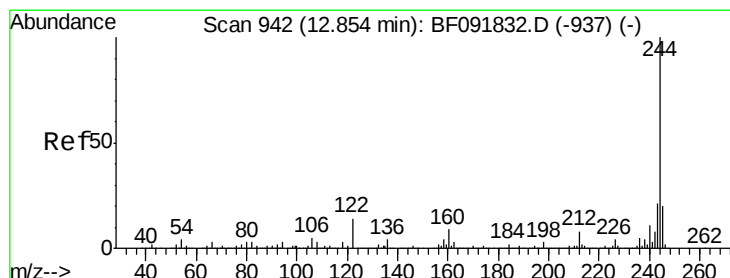
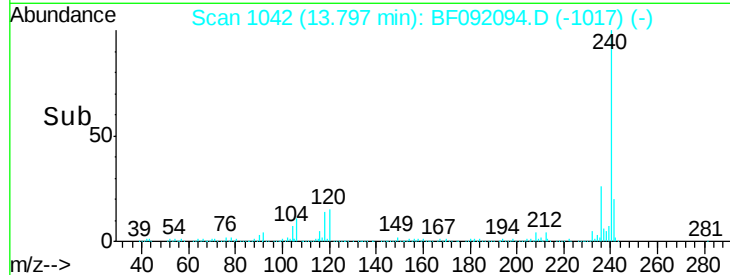
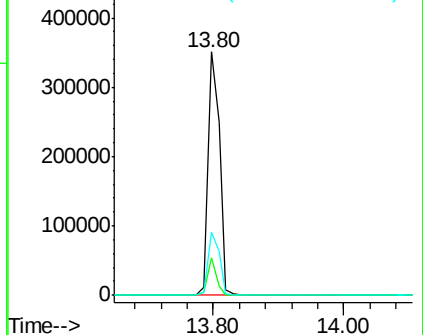
236 25.8 20.9 31.3



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: 93.04 ng

RT: 12.77 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

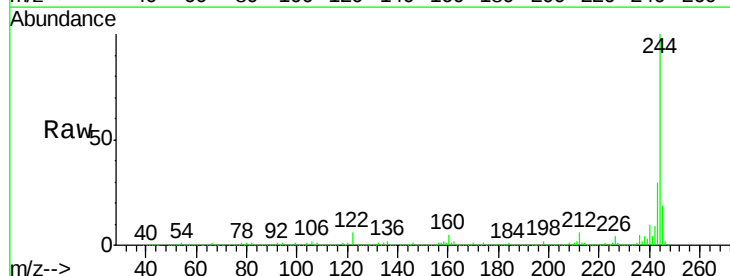
Tgt Ion:244 Resp: 1657710

Ion Ratio Lower Upper

244 100

212 6.2 6.2 9.2

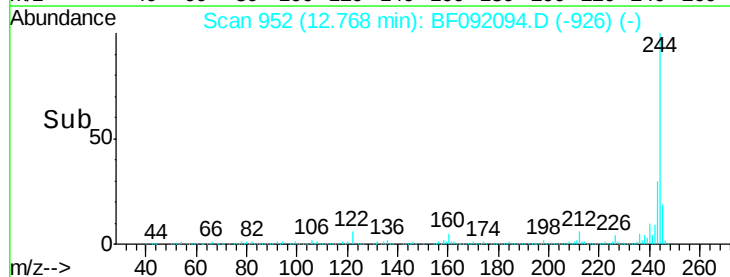
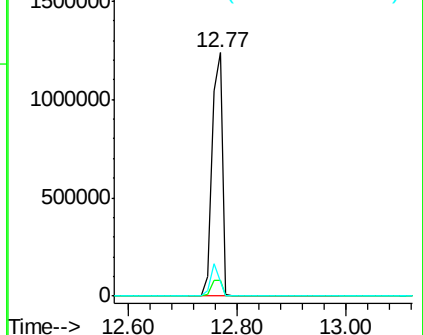
122 5.8 11.4 17.2#

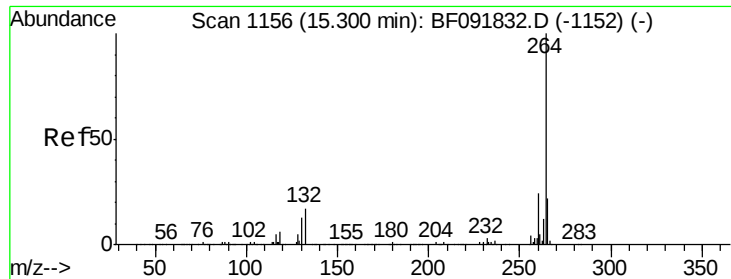


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF092094.D
 Acq: 5 Jan 2017 3:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tot Ion: 264 Resp: 371972
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.0 17.4 26.0

