

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 00:24:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 00:13:42 2017
 Response via : Initial Calibration

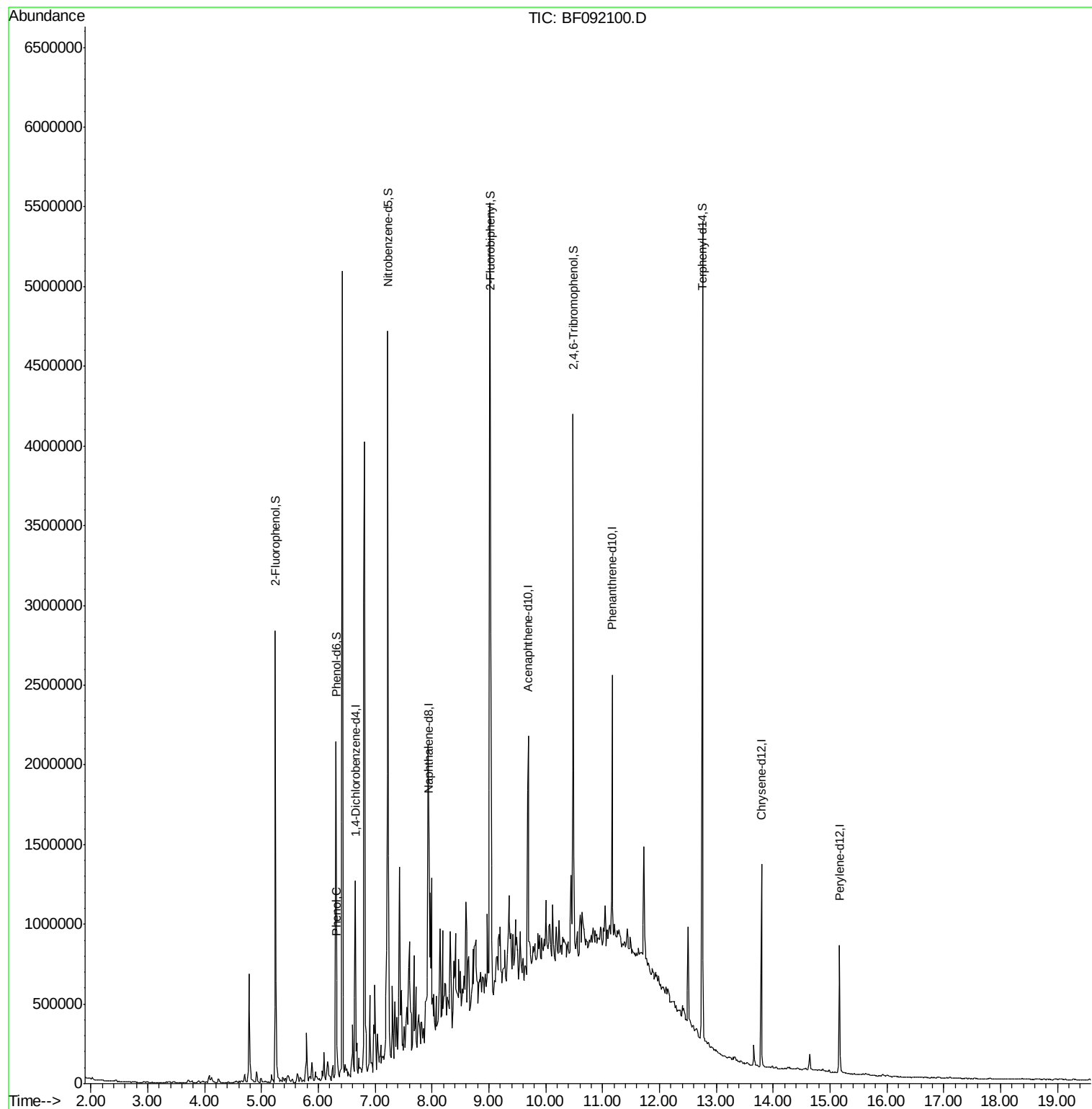
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	193762	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	705086	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	389224	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	609820	20.00	ng	0.00
75) Chrysene-d12	13.80	240	502673	20.00	ng	0.00
86) Perylene-d12	15.17	264	394523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	831326	71.64	ng	0.00
7) Phenol-d6	6.31	99	727785	51.37	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1384530	109.19	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	446982	138.77	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2071744	113.36	ng	0.00
78) Terphenyl-d14	12.76	244	1721468	83.06	ng	0.00
Target Compounds						
10) Phenol	6.32	94	70227	4.35	ng	Qvalue 79

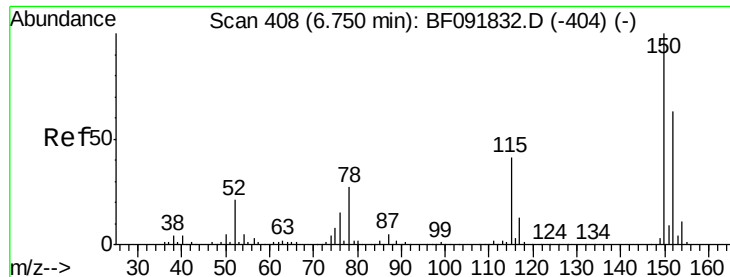
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 06 00:13:42 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

Instrument :

BNA_F

ClientSampleId :

MW-22

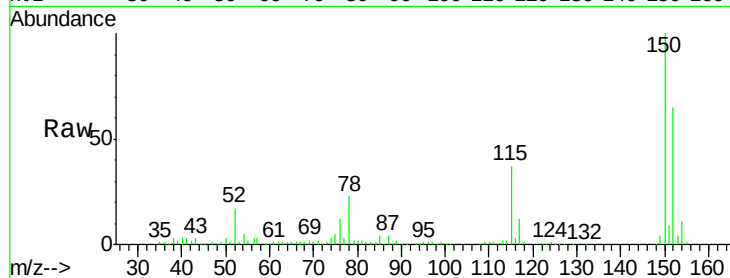
Tot Ion:152 Resp: 193762

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

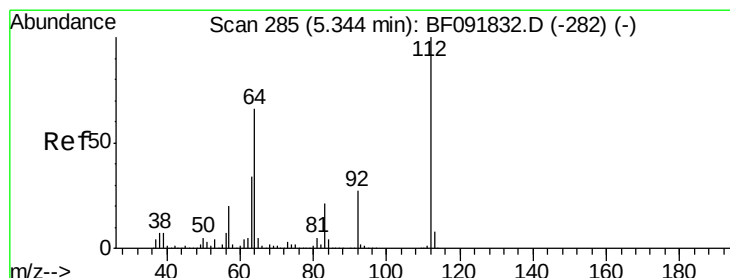
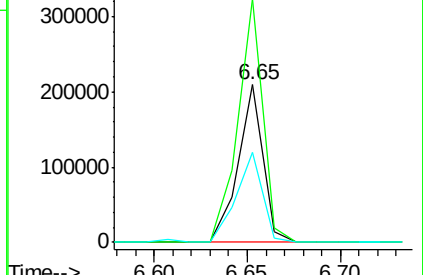
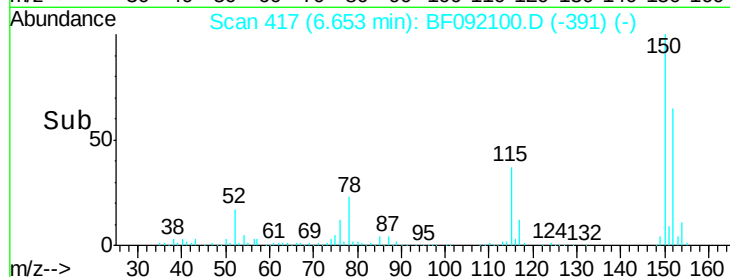
115 57.6 46.0 69.0



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. -0.00 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

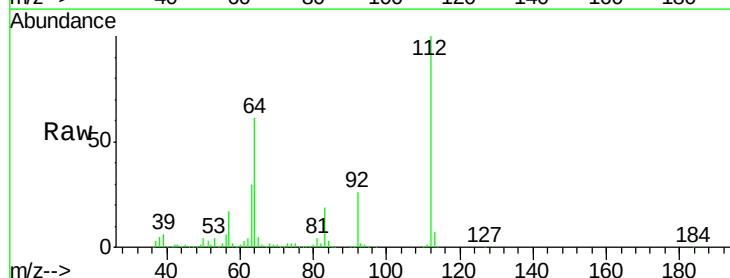
Tgt Ion:112 Resp: 831326

Ion Ratio Lower Upper

112 100

64 60.8 46.1 69.1

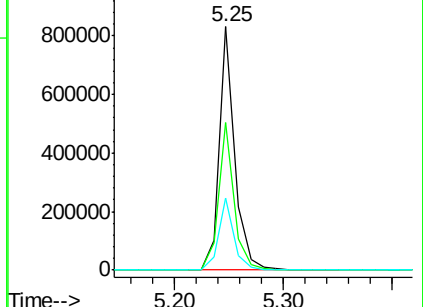
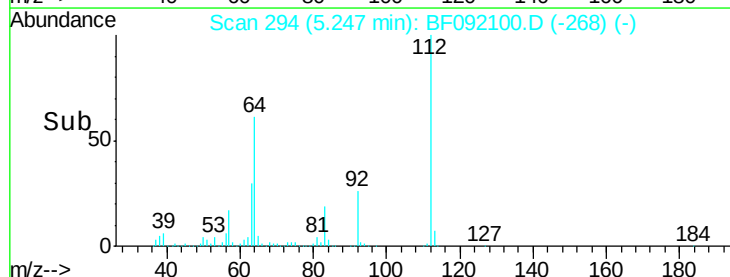
63 29.6 23.8 35.6

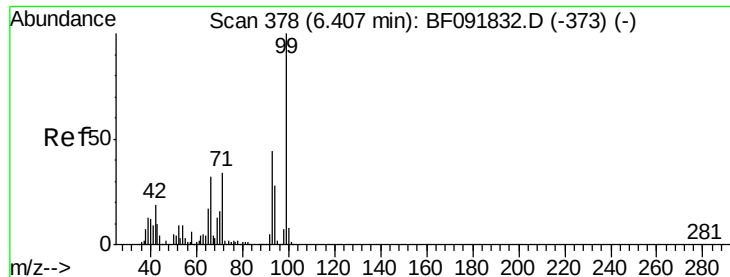


Abundance Ion 112.00 (111.70 to 112.70): E

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. -0.01 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

Instrument :

BNA_F

ClientSampled :

MW-22

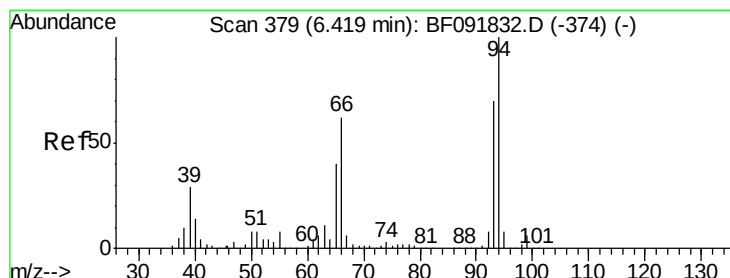
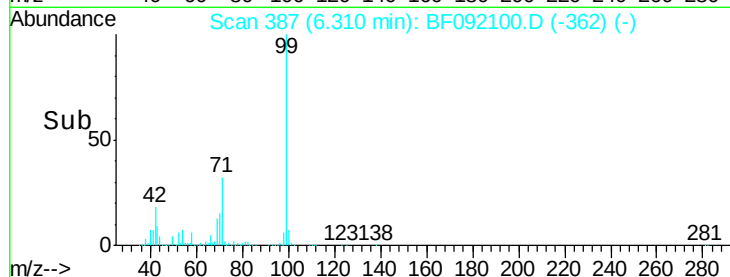
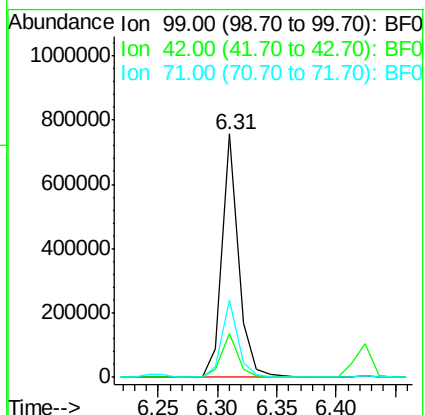
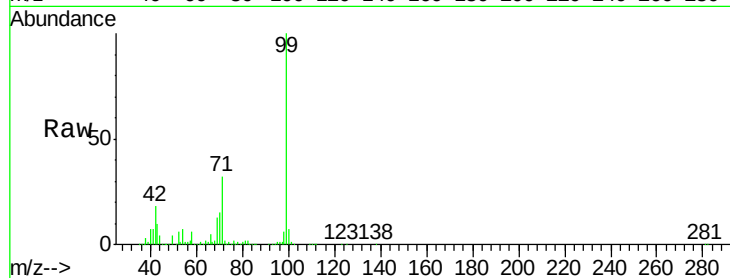
Tot Ion: 99 Resp: 727785

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

71 31.9 27.5 41.3



#10

Phenol

Concen: 4.35 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

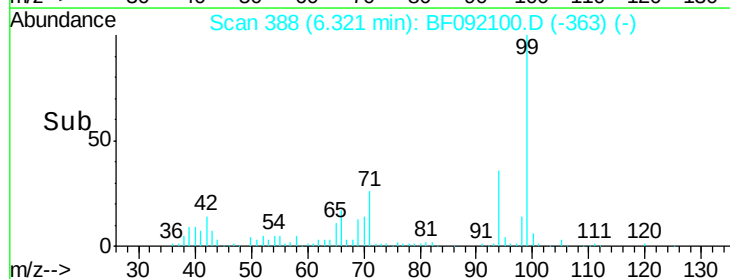
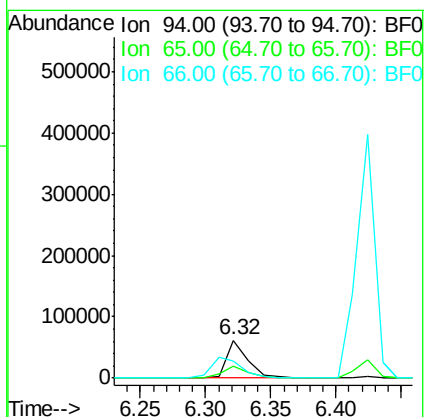
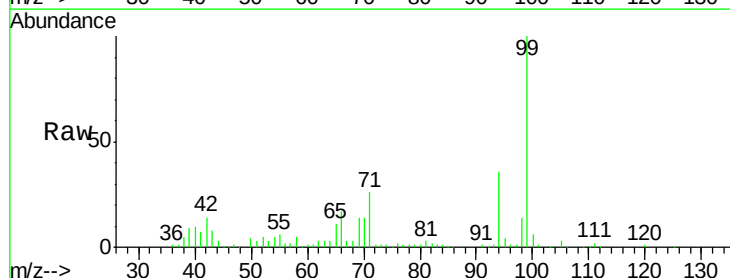
Tgt Ion: 94 Resp: 70227

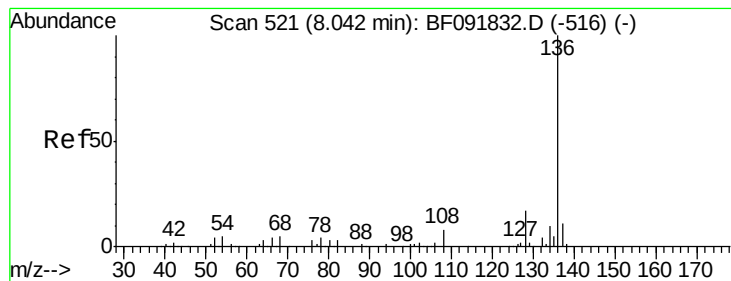
Ion Ratio Lower Upper

94 100

65 30.0 21.4 61.4

66 45.9 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

Instrument :

BNA_F

ClientSampleId :

MW-22

Tot Ion:136 Resp: 705086

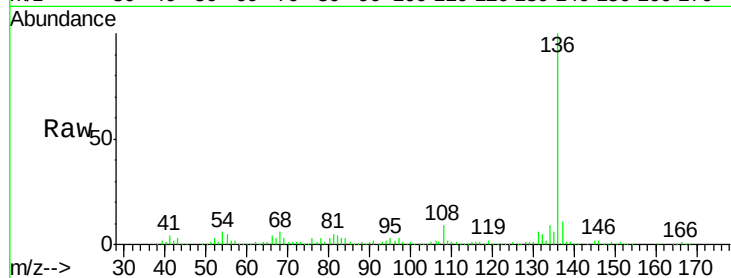
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 6.2 4.5 6.7

68 5.5 3.6 5.4#

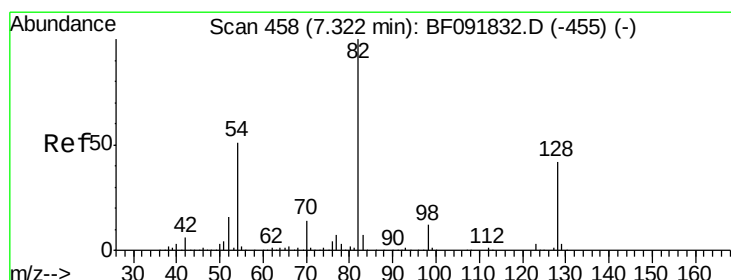
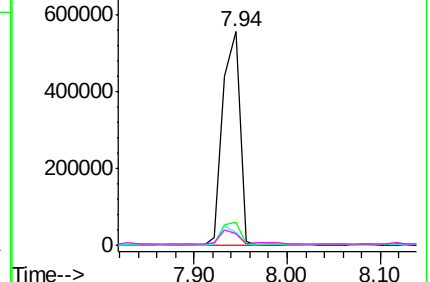
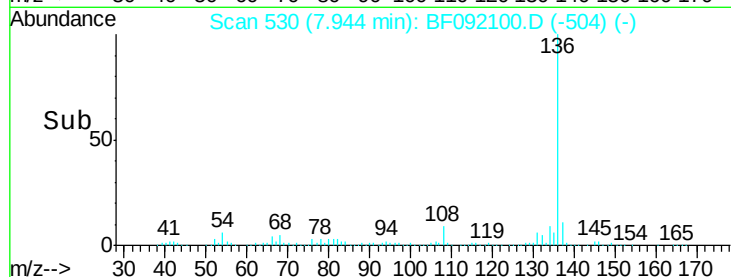


Abundance Ion 136.00 (135.70 to 136.70): E

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. -0.00 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

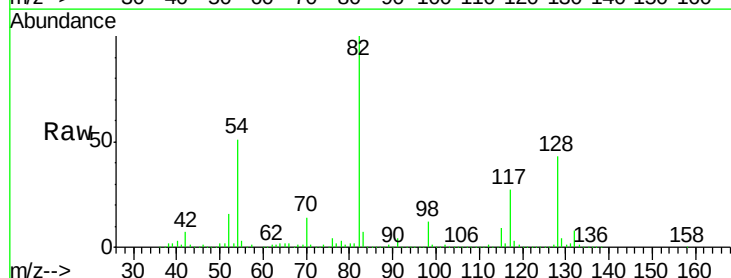
Tgt Ion: 82 Resp: 1384530

Ion Ratio Lower Upper

82 100

128 42.7 34.6 52.0

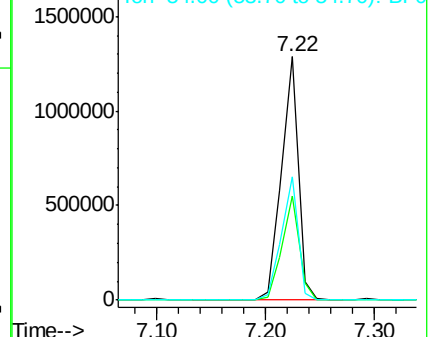
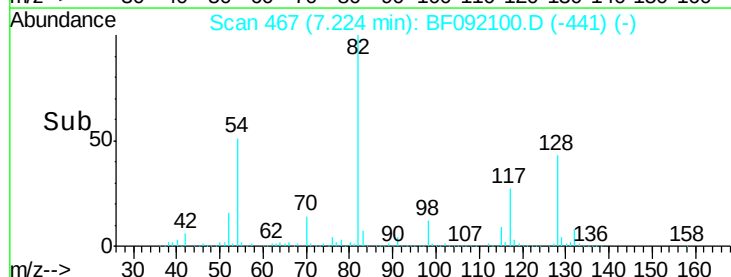
54 50.6 39.5 59.3

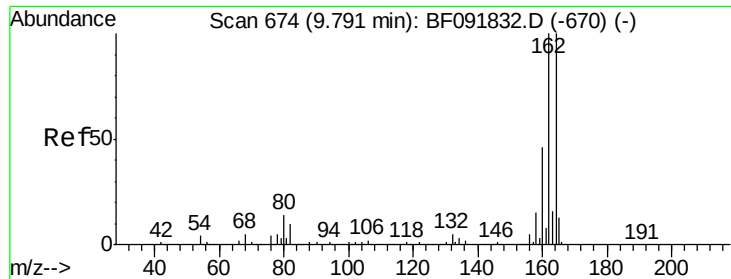


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

Instrument :

BNA_F

ClientSampleId :

MW-22

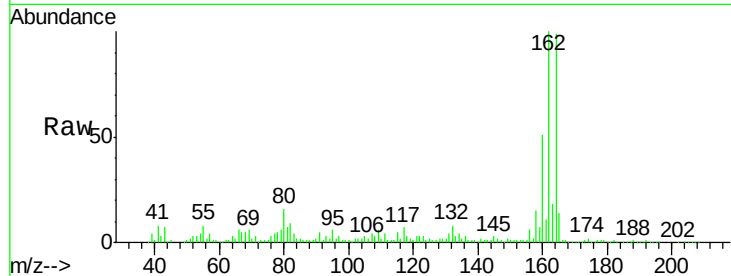
Tot Ion:164 Resp: 389224

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

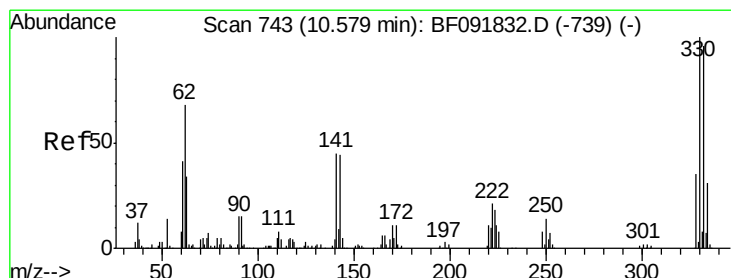
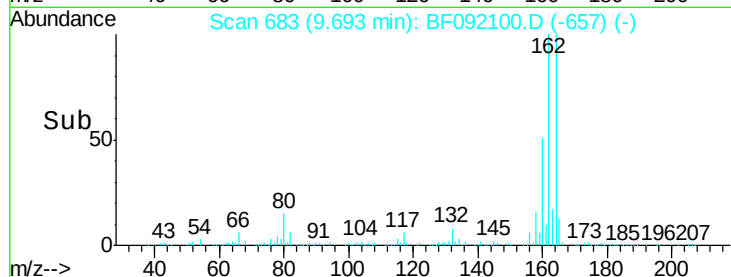
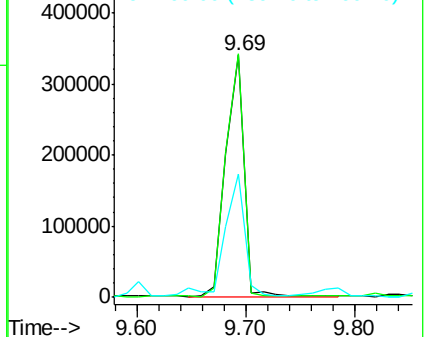
160 51.1 36.9 55.3



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. -0.00 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

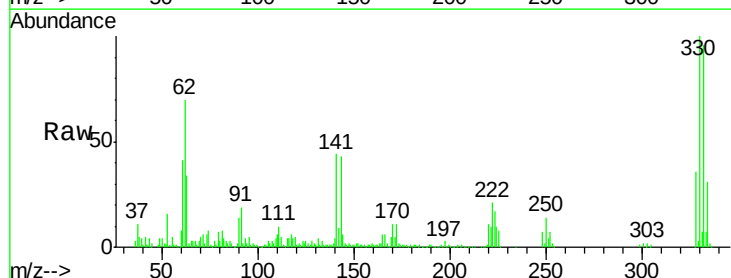
Tgt Ion:330 Resp: 446982

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

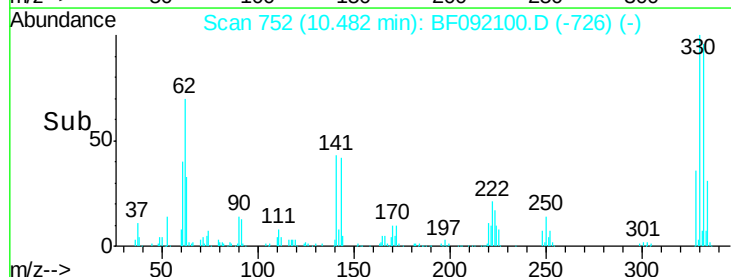
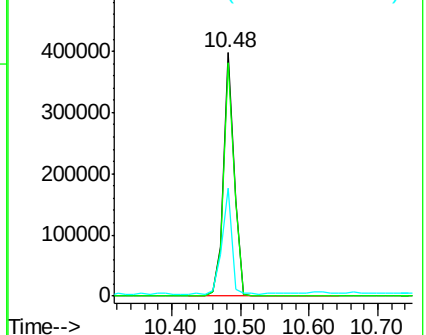
141 39.9 34.1 51.1

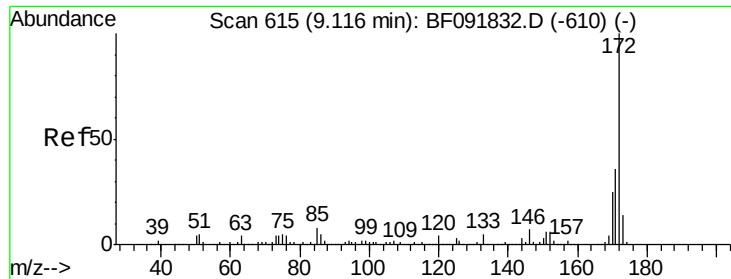


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

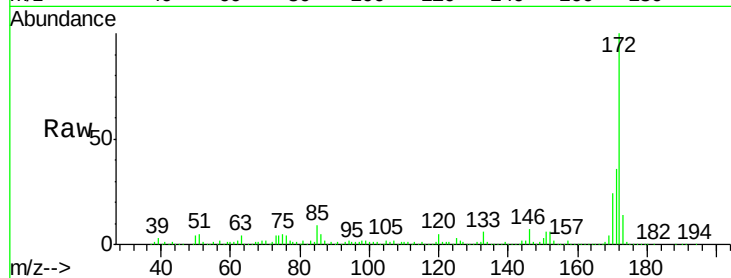




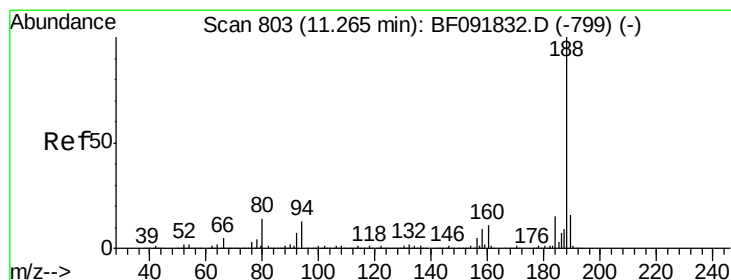
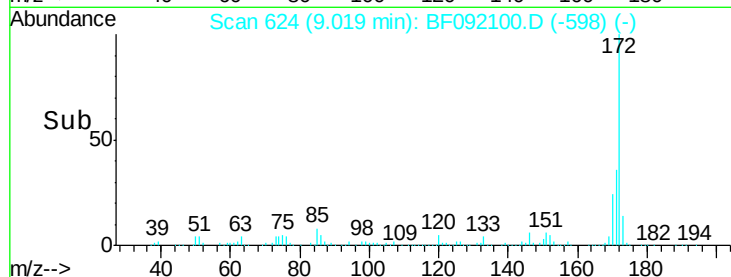
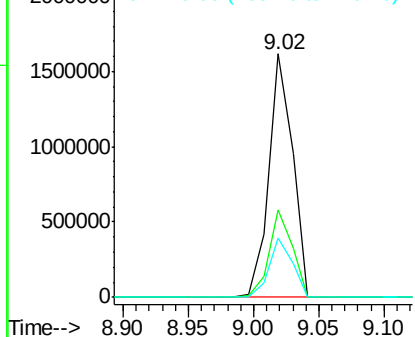
#44
2-Fluorobiphenyl
Concen: 113.36 ng
RT: 9.02 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tot Ion:172 Resp: 2071744
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.4 20.2 30.4

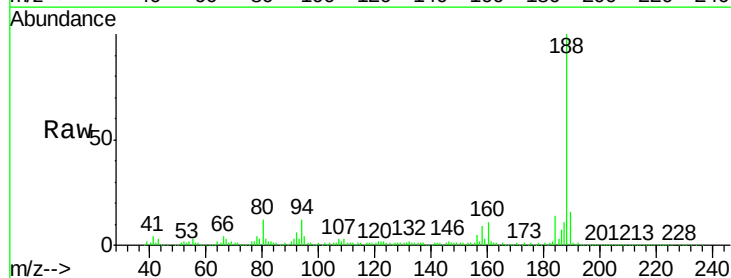


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

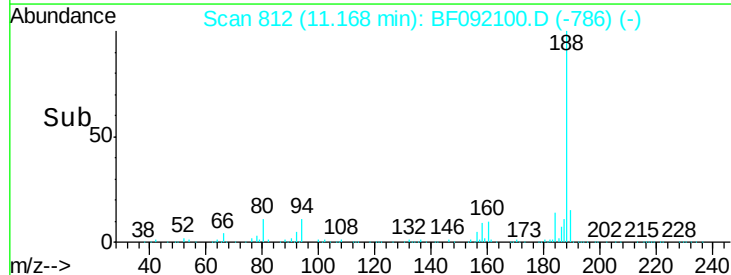
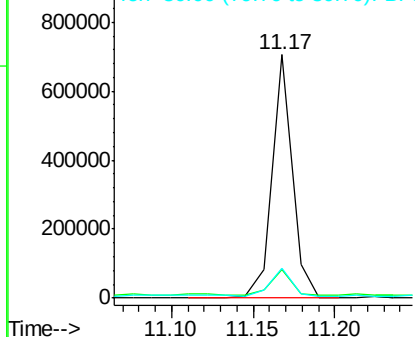


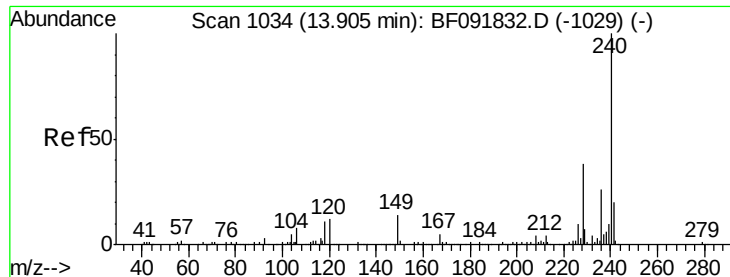
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

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



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. -0.00 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

Instrument :

BNA_F

ClientSampleId :

MW-22

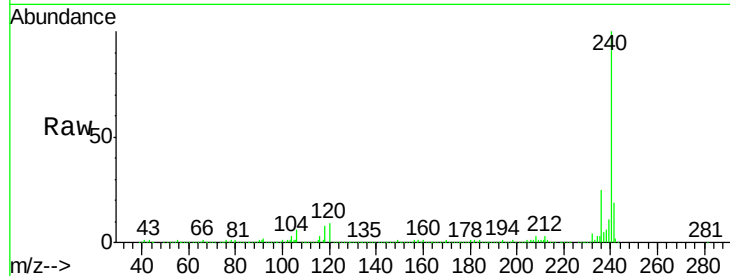
Tot Ion:240 Resp: 502673

Ion Ratio Lower Upper

240 100

120 8.9 12.9 19.3#

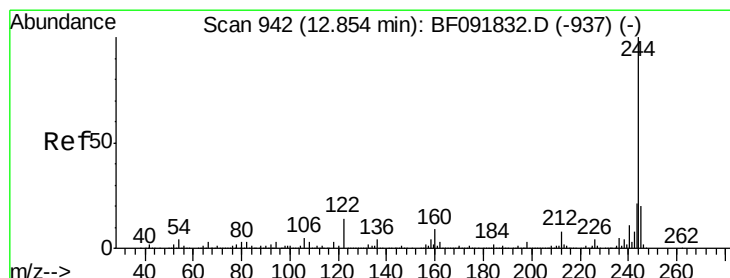
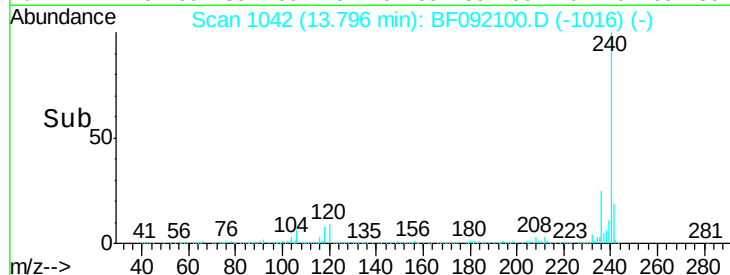
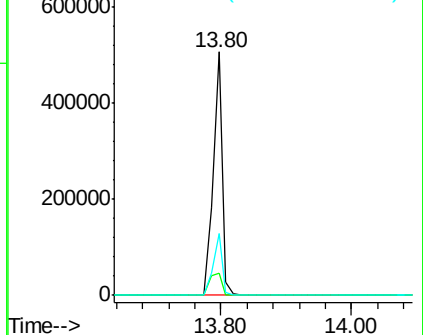
236 25.4 20.9 31.3



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. -0.00 min

Lab File: BF092100.D

Acq: 5 Jan 2017 20:30

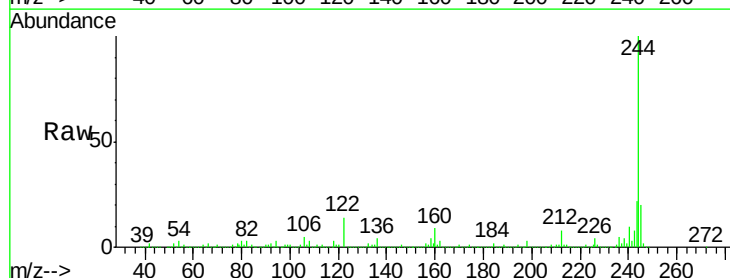
Tgt Ion:244 Resp: 1721468

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

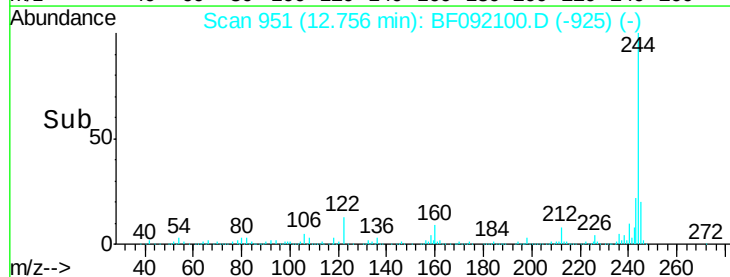
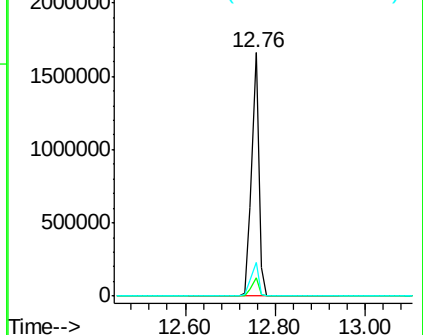
122 13.6 11.4 17.2

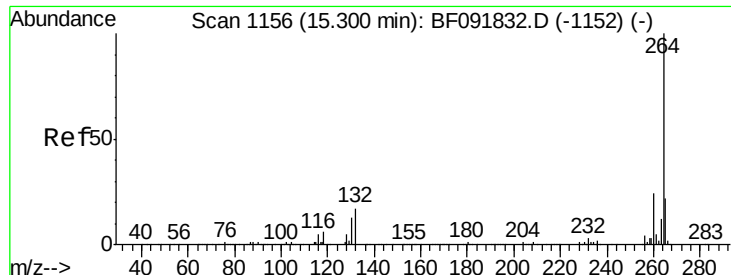


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



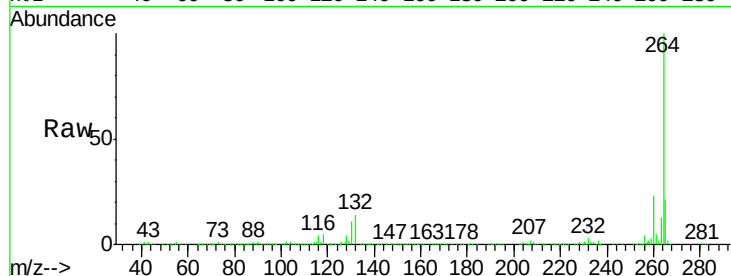


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tot Ion: 264 Resp: 394523

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.9	17.4	26.0



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

