

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091789.D
 Acq On : 19 Dec 2016 22:42
 Operator : UM/SJ
 Sample : H6011-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Dec 20 00:25:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

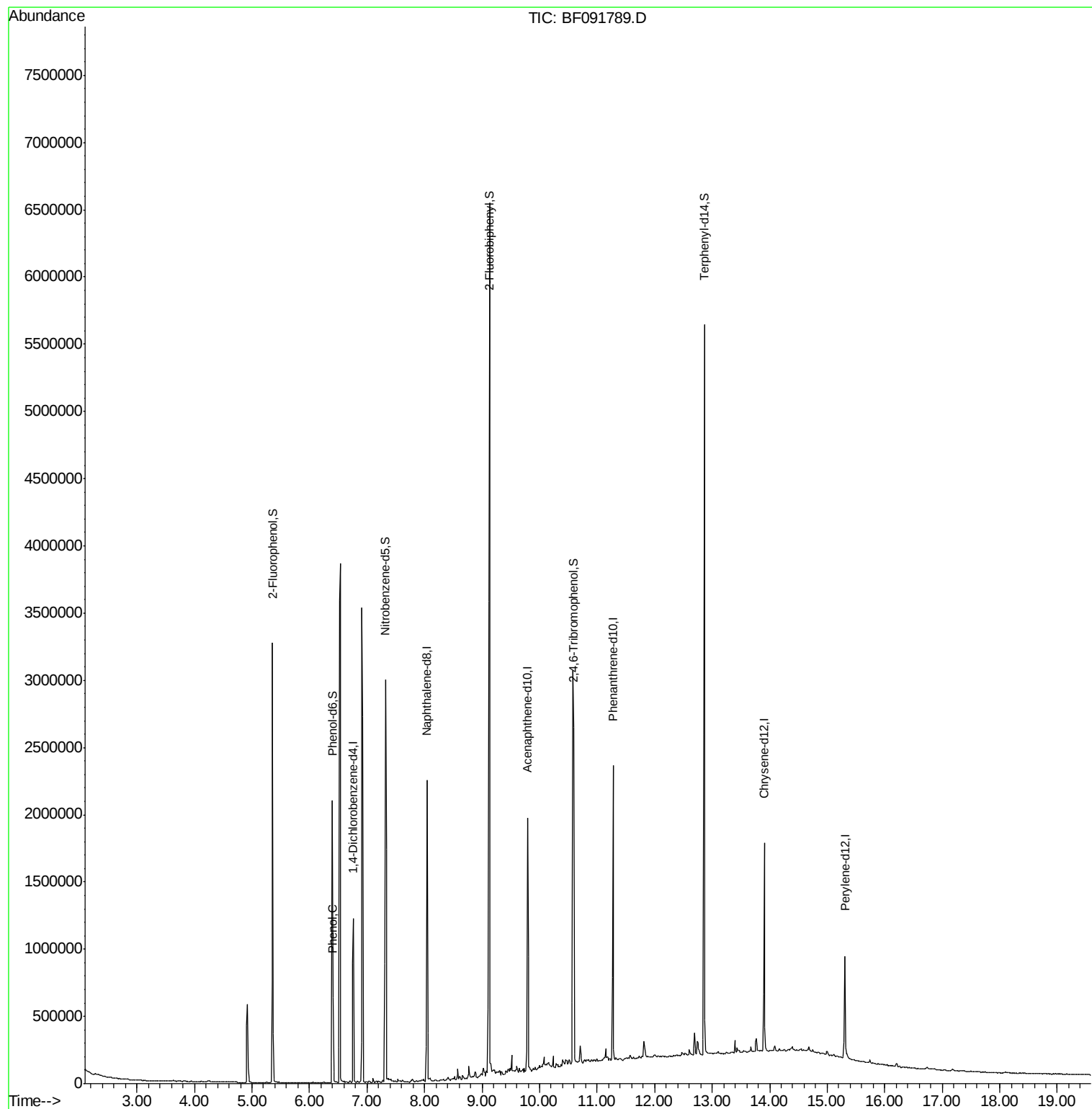
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	246577	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	979347	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	465134	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	819052	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	550138	20.00	ng	-0.02
86) Perylene-d12	15.31	264	444619	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	873279	59.34	ng	-0.01
7) Phenol-d6	6.40	99	705206	39.29	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1381232	81.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	561486	142.36	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2436222	105.23	ng	-0.01
78) Terphenyl-d14	12.86	244	1835940	84.26	ng	-0.01
Target Compounds						
10) Phenol	6.41	94	41171	2.04	ng	Qvalue 94

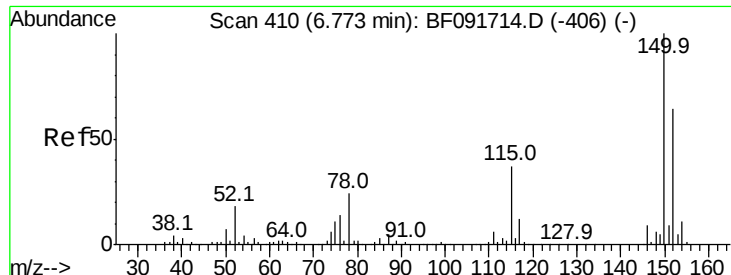
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

Instrument :

BNA_F

ClientSampleId :

MW-06

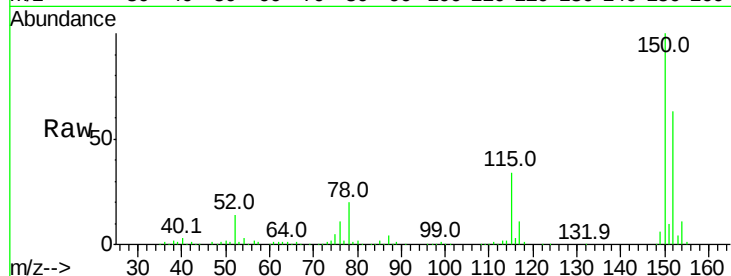
Tot Ion:152 Resp: 246577

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

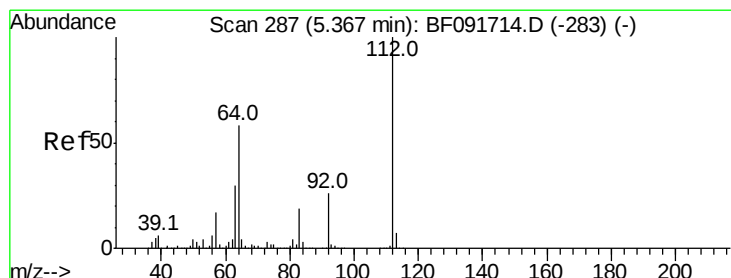
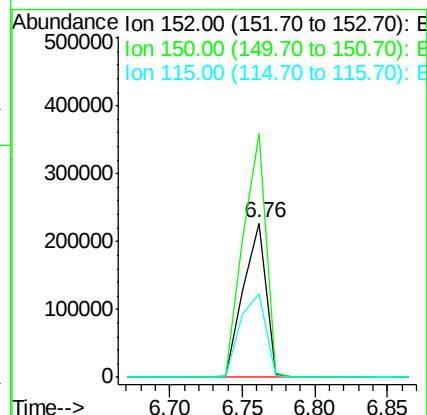
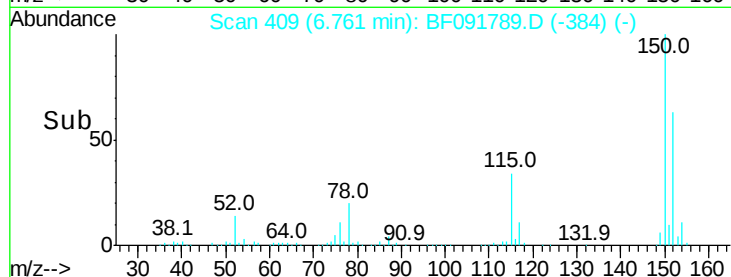
115 53.9 46.0 69.0



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: 59.34 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

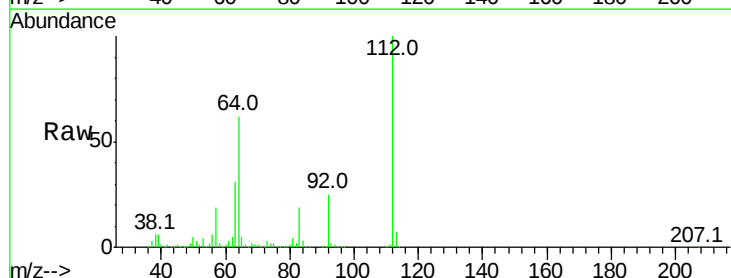
Tgt Ion:112 Resp: 873279

Ion Ratio Lower Upper

112 100

64 61.7 46.1 69.1

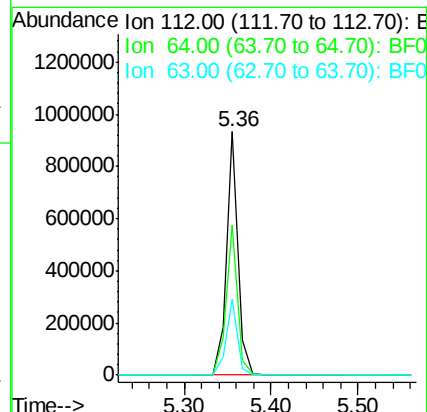
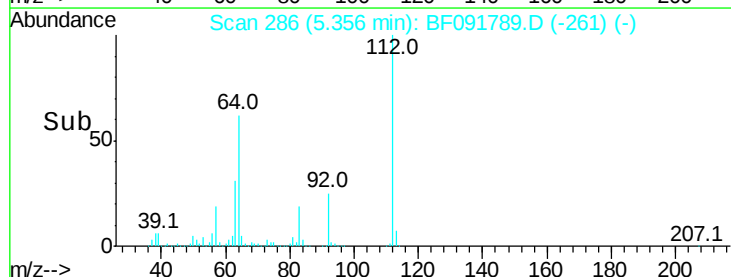
63 31.4 23.8 35.6

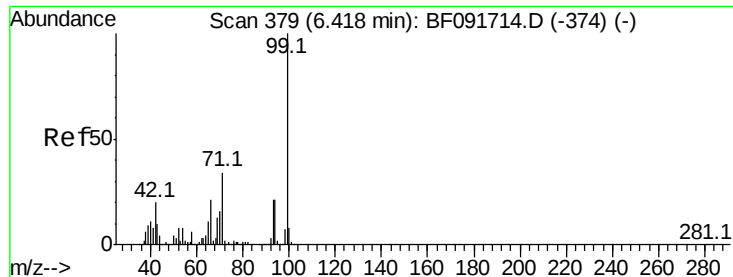


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.29 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

Instrument :

BNA_F

ClientSampleId :

MW-06

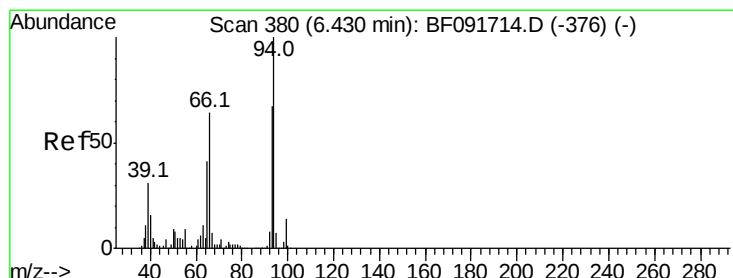
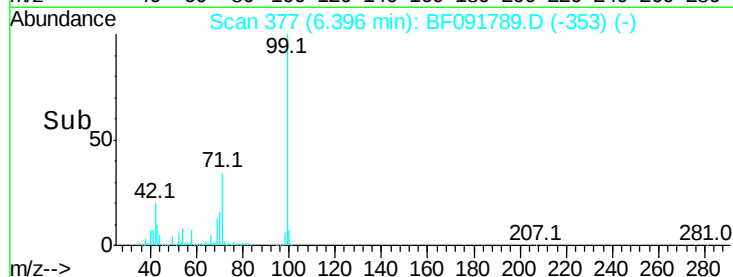
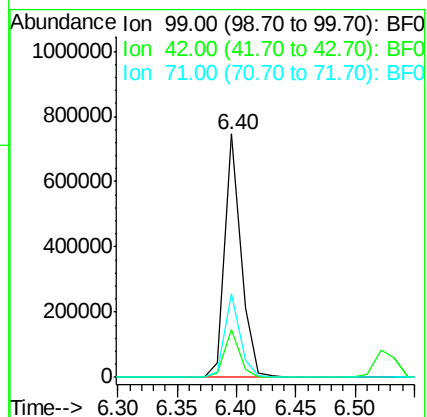
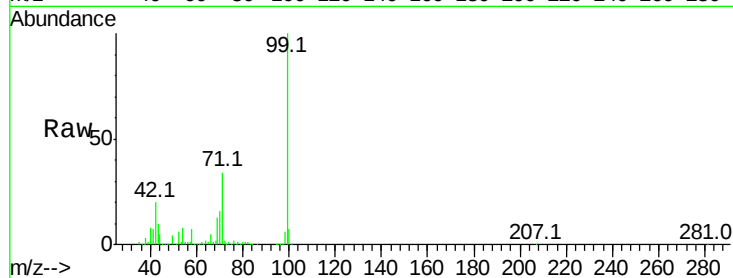
Tot Ion: 99 Resp: 705206

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 34.1 27.5 41.3



#10

Phenol

Concen: 2.04 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

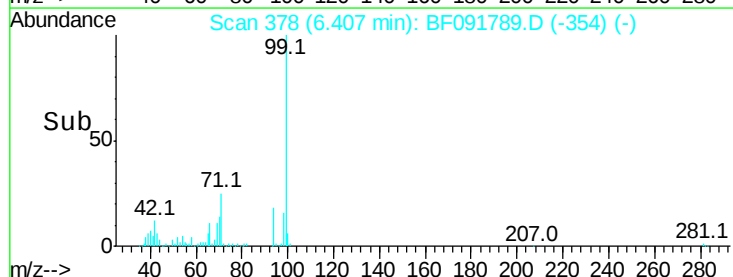
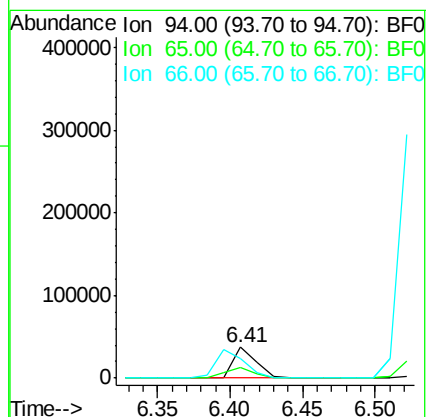
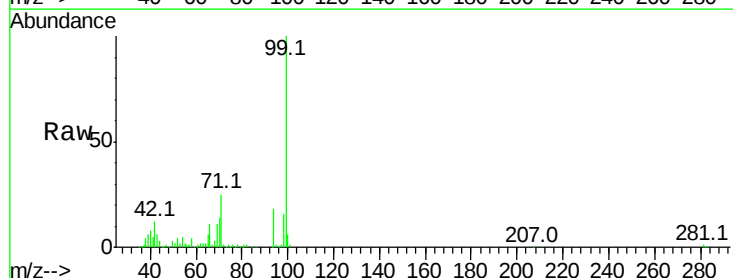
Tgt Ion: 94 Resp: 41171

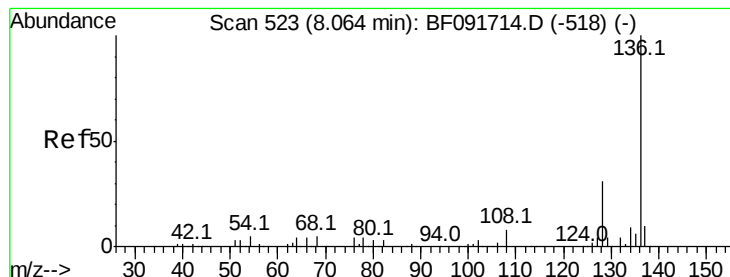
Ion Ratio Lower Upper

94 100

65 34.9 21.4 61.4

66 61.5 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

Instrument :

BNA_F

ClientSampleId :

MW-06

Tot Ion:136 Resp: 979347

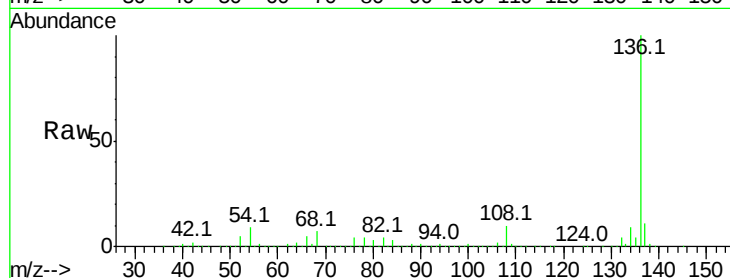
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.6 4.5 6.7#

68 6.9 3.6 5.4#

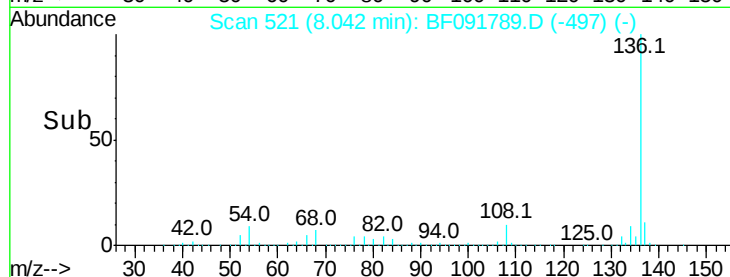


Abundance Ion 136.00 (135.70 to 136.70): E

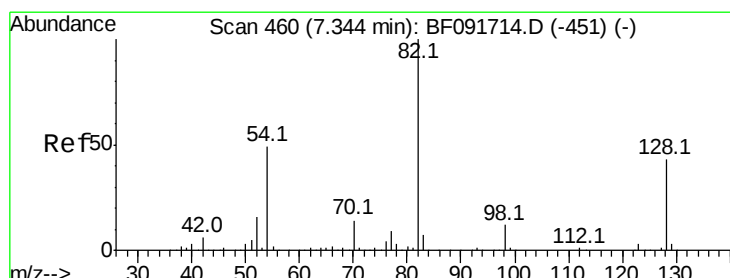
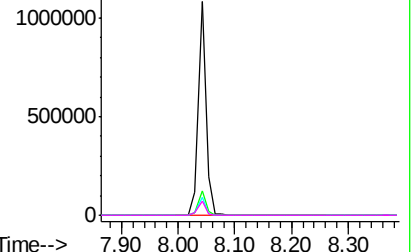
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 81.33 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

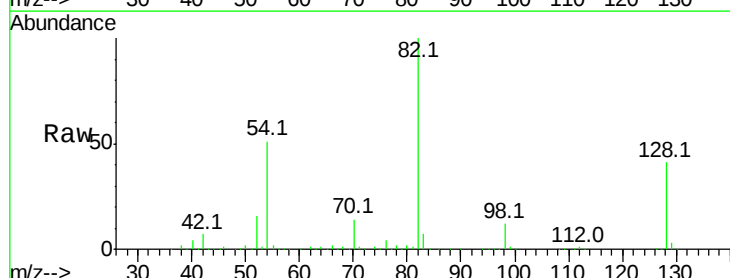
Tgt Ion: 82 Resp: 1381232

Ion Ratio Lower Upper

82 100

128 40.6 34.6 52.0

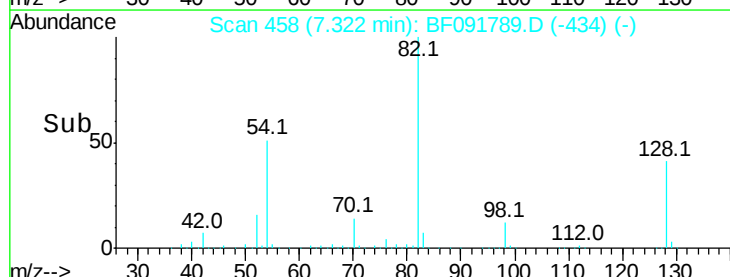
54 51.5 39.5 59.3



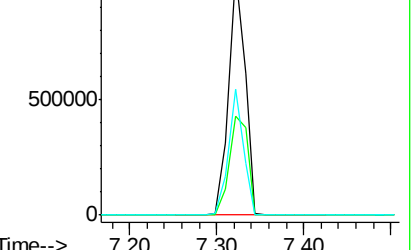
Abundance Ion 82.00 (81.70 to 82.70): BF0

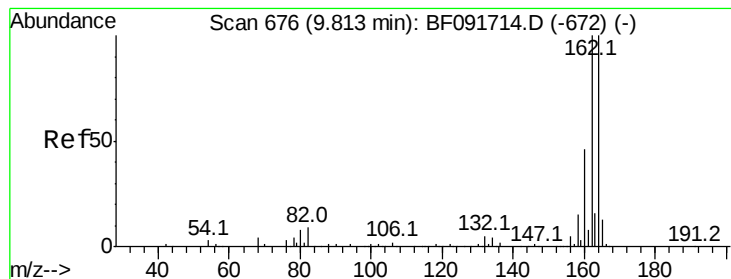
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

Instrument :

BNA_F

ClientSampleId :

MW-06

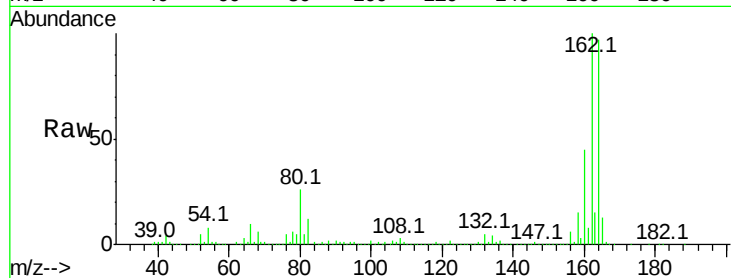
Tot Ion:164 Resp: 465134

Ion Ratio Lower Upper

164 100

162 103.0 80.2 120.2

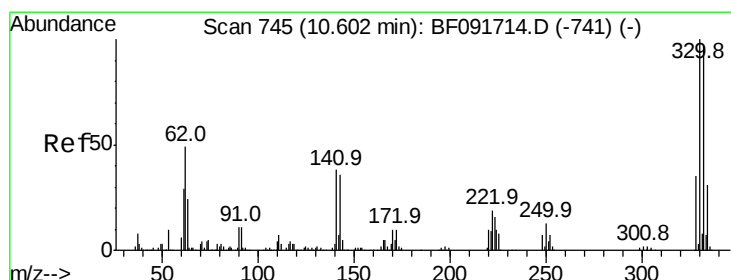
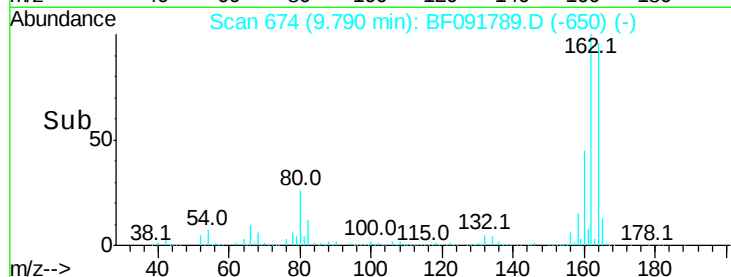
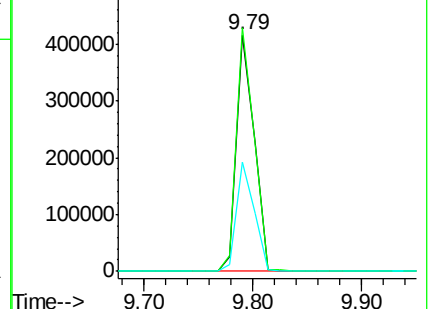
160 46.0 36.9 55.3



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: 142.36 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

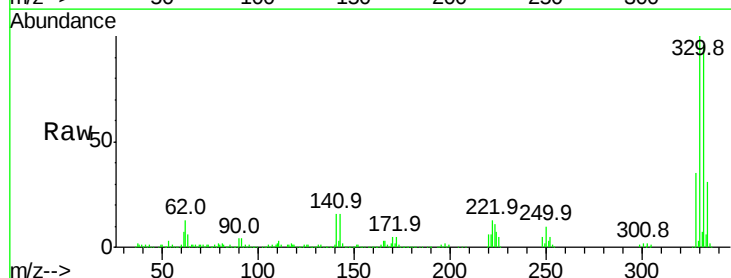
Tgt Ion:330 Resp: 561486

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

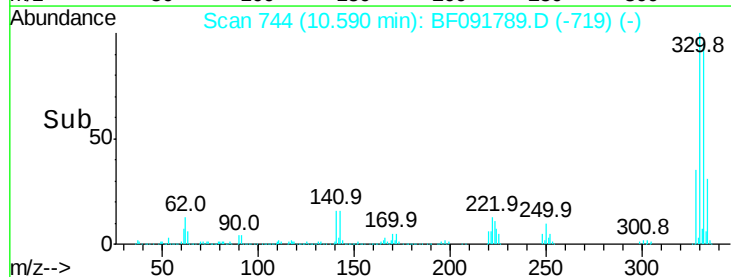
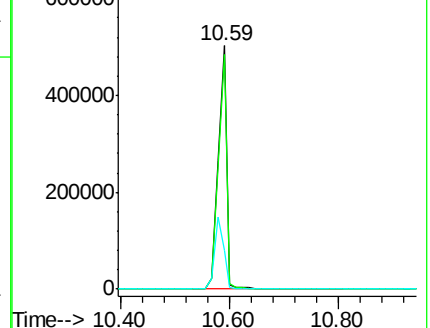
141 31.5 34.1 51.1#

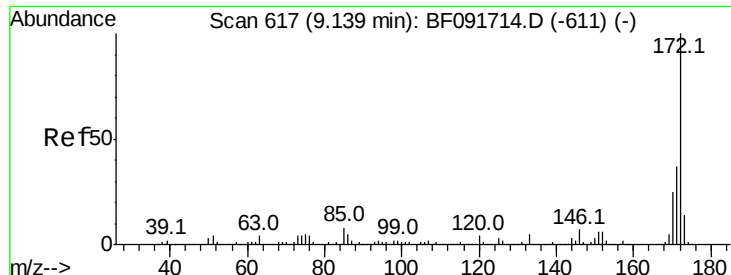


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

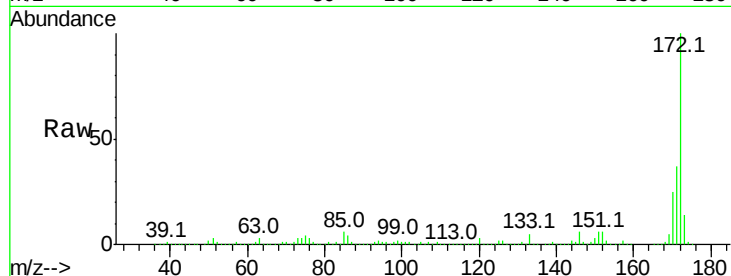




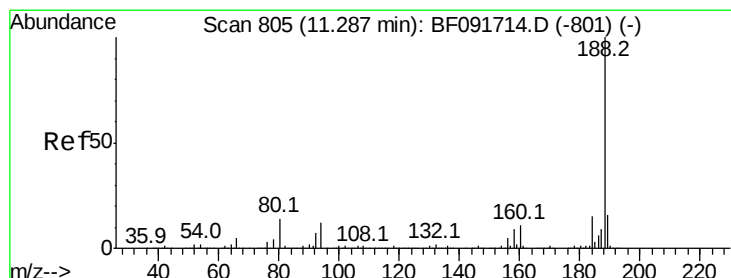
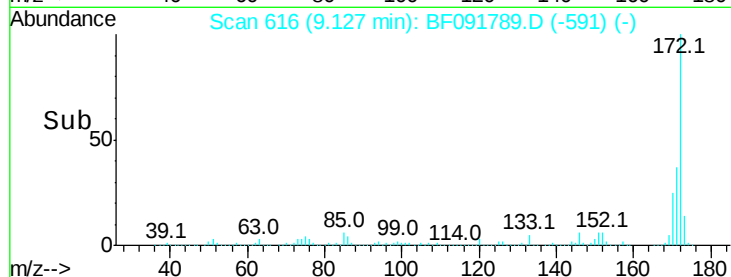
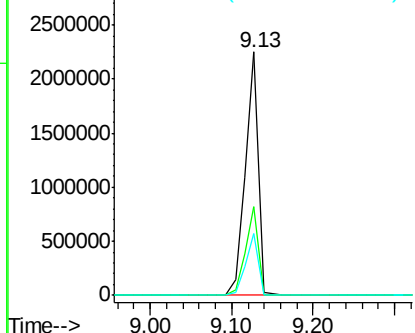
#44
2-Fluorobiphenyl
Concen: 105.23 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Instrument :
BNA_F
ClientSampleId :
MW-06

Tot Ion:172 Resp: 2436222
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 25.4 20.2 30.4

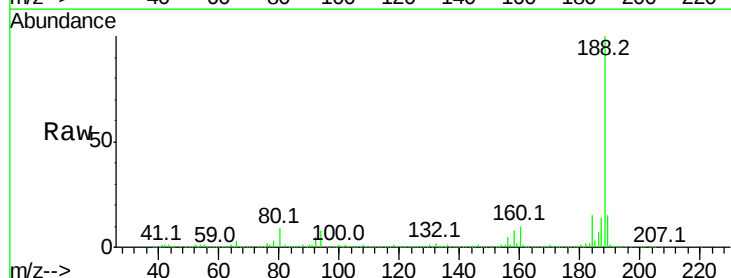


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

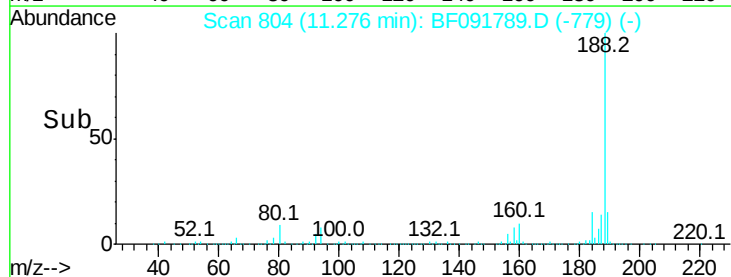
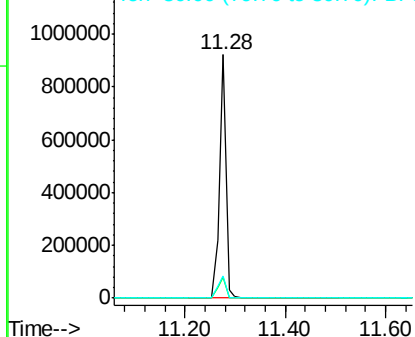


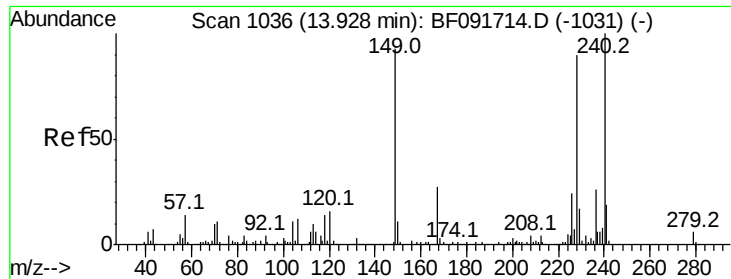
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Tgt Ion:188 Resp: 819052
Ion Ratio Lower Upper
188 100
94 8.5 10.0 15.0#
80 9.0 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: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

Instrument :

BNA_F

ClientSampleId :

MW-06

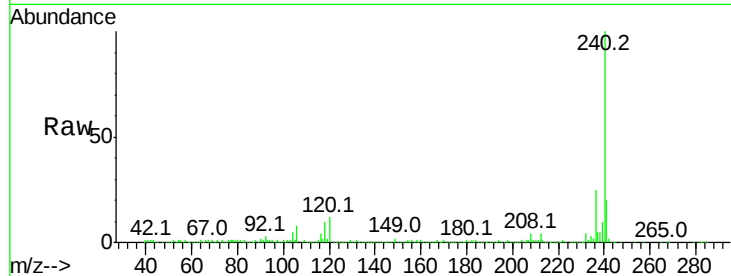
Tot Ion:240 Resp: 550138

Ion Ratio Lower Upper

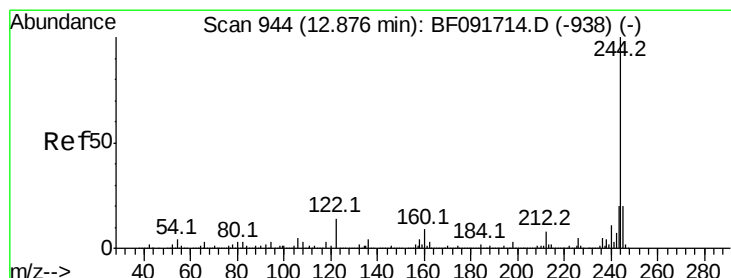
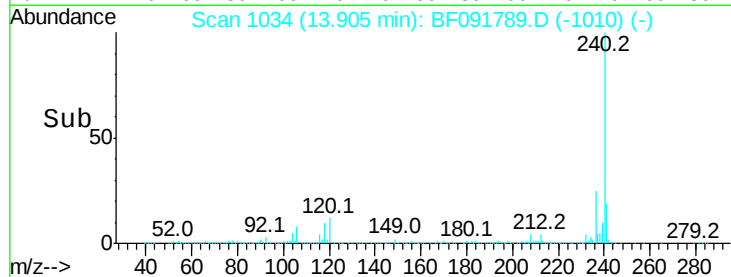
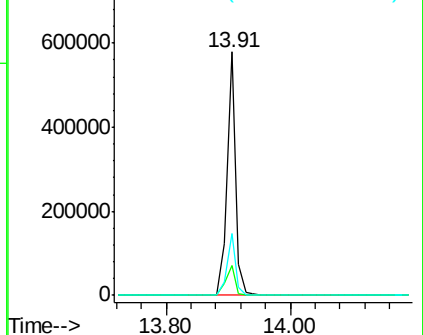
240 100

120 12.0 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: 84.26 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

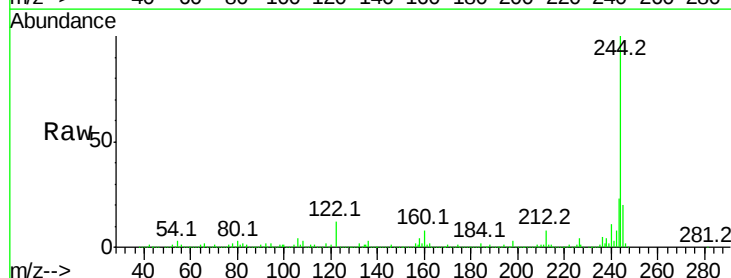
Tgt Ion:244 Resp: 1835940

Ion Ratio Lower Upper

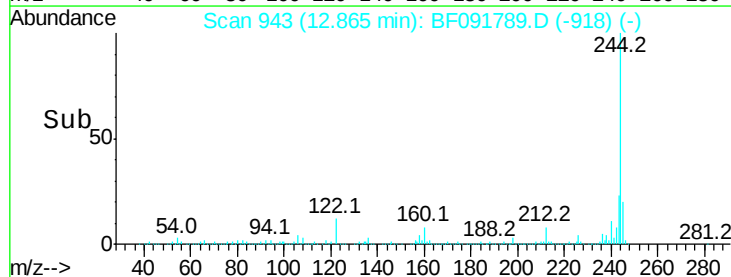
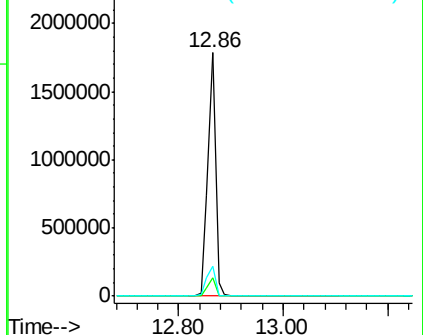
244 100

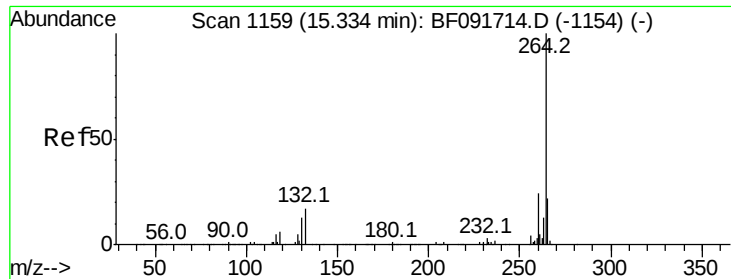
212 7.6 6.2 9.2

122 12.4 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: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091789.D
 Acq: 19 Dec 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	17.4	26.0

