

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091703.D
 Acq On : 17 Dec 2016 6:25
 Operator : UM/SJ
 Sample : H6090-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Dec 17 23:29:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

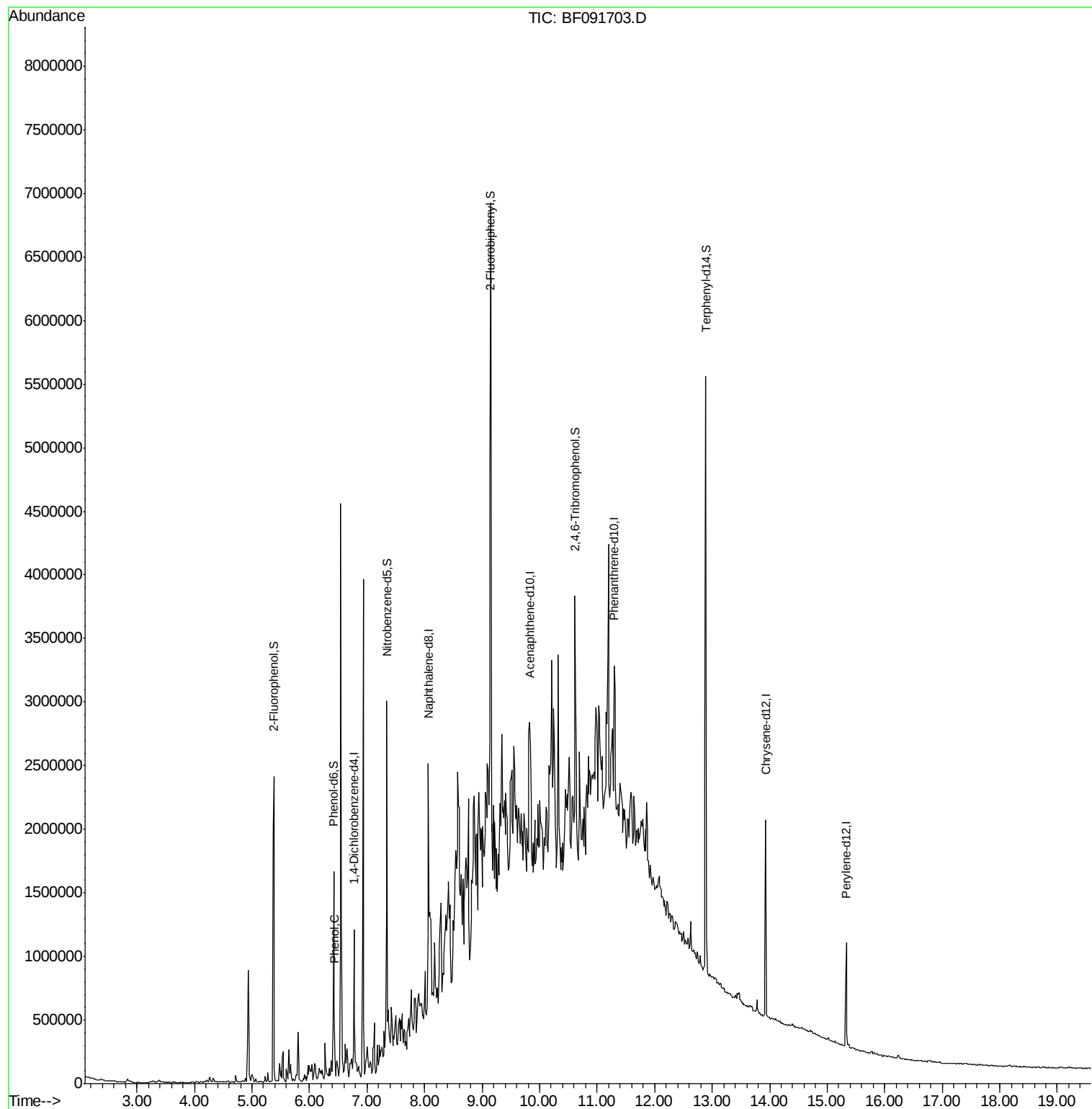
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	144948	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	579033	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	265670	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	533795	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	523722	20.00	ng	-0.01
86) Perylene-d12	15.33	264	407842	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	925205	107.54	ng	0.00
7) Phenol-d6	6.42	99	598354	55.79	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1034788	99.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	290398	131.60	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1720132	111.88	ng	0.00
78) Terphenyl-d14	12.89	244	1556224	67.43	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	28130	2.24	ng	Qvalue 83

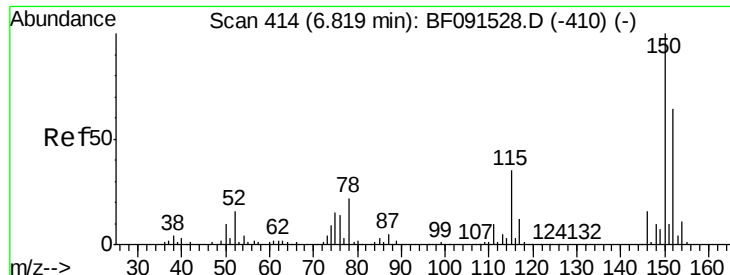
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091703.D

Acq: 17 Dec 2016 6:25

Instrument :

BNA_F

ClientSampleId :

MW-04

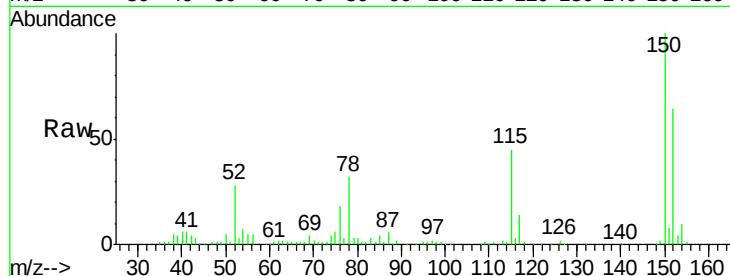
Tot Ion:152 Resp: 144948

Ion Ratio Lower Upper

152 100

150 155.1 122.5 183.7

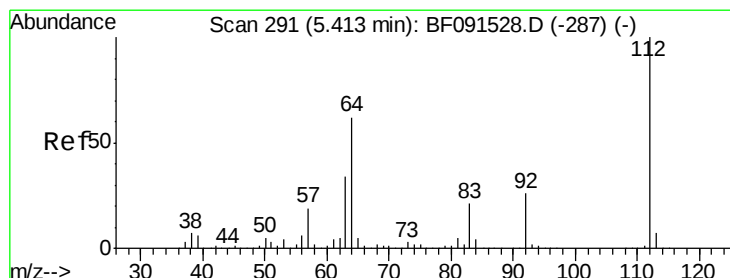
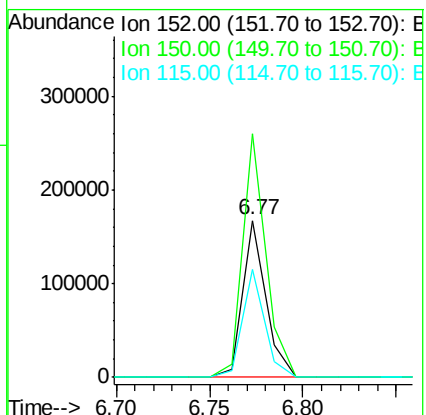
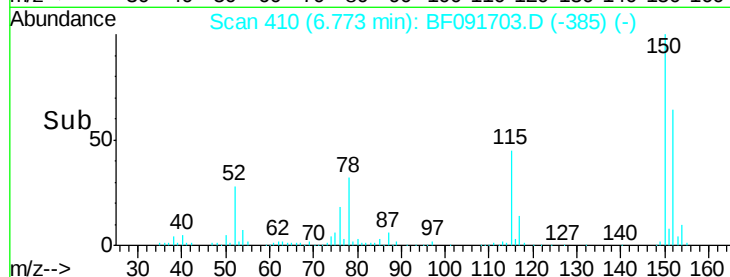
115 69.0 51.8 77.8



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: 107.54 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF091703.D

Acq: 17 Dec 2016 6:25

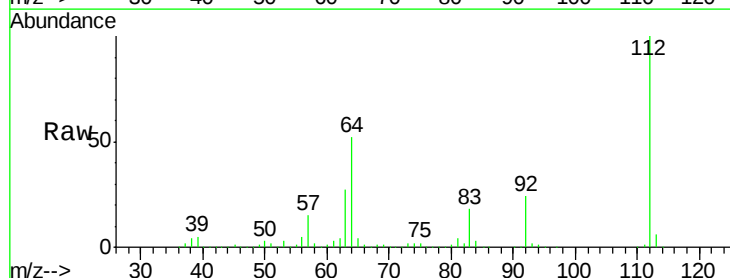
Tgt Ion:112 Resp: 925205

Ion Ratio Lower Upper

112 100

64 51.8 61.5 92.3#

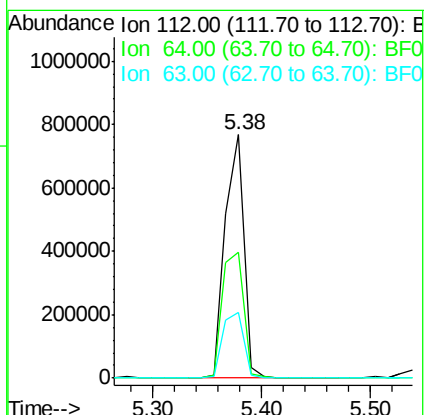
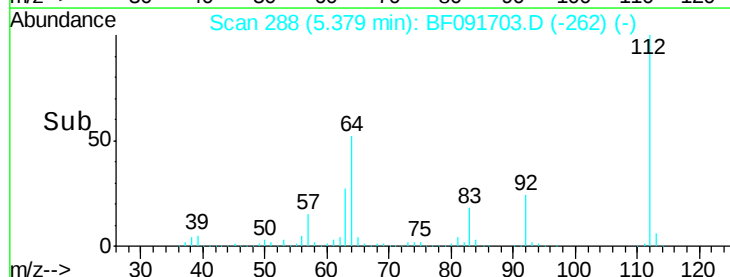
63 26.8 33.3 49.9#



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: 55.79 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091703.D

Acq: 17 Dec 2016 6:25

Instrument :

BNA_F

ClientSampleId :

MW-04

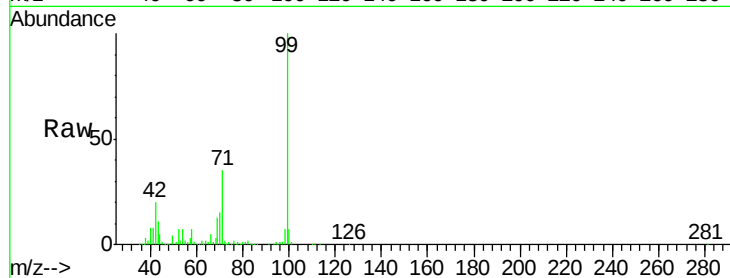
Tot Ion: 99 Resp: 598354

Ion Ratio Lower Upper

99 100

42 19.6 20.6 31.0#

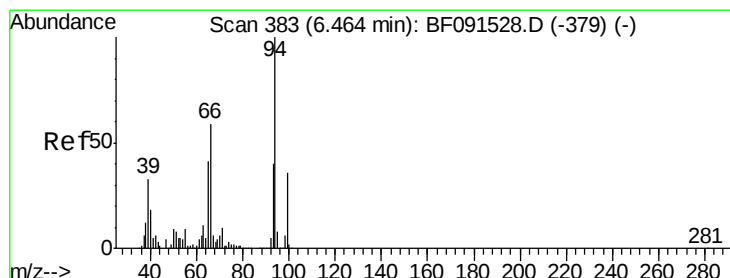
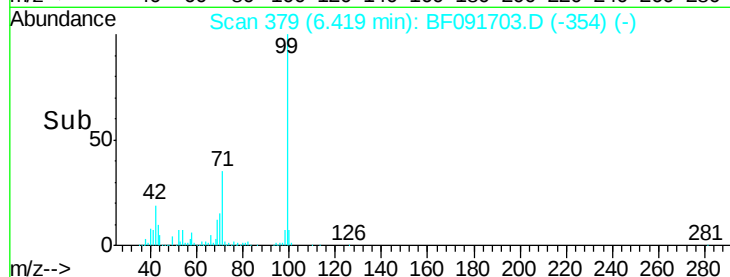
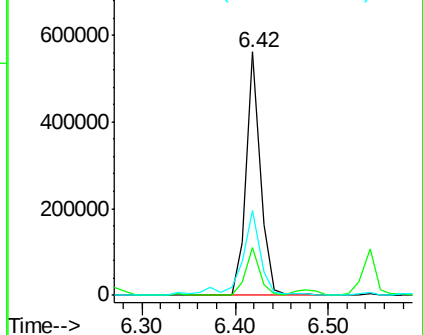
71 35.0 29.9 44.9



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



#10

Phenol

Concen: 2.24 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF091703.D

Acq: 17 Dec 2016 6:25

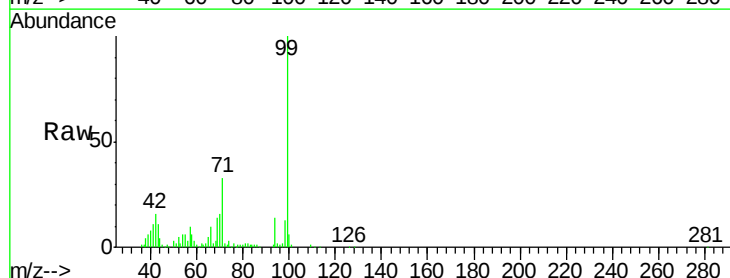
Tgt Ion: 94 Resp: 28130

Ion Ratio Lower Upper

94 100

65 38.2 16.9 56.9

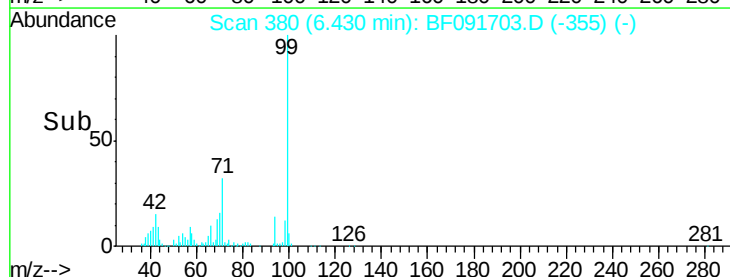
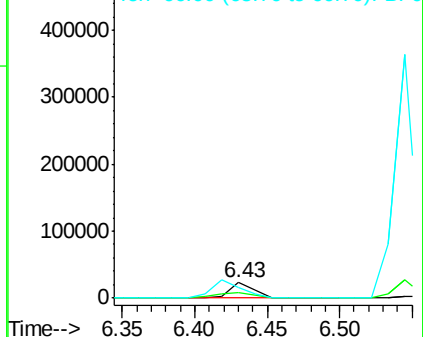
66 69.8 30.6 70.6

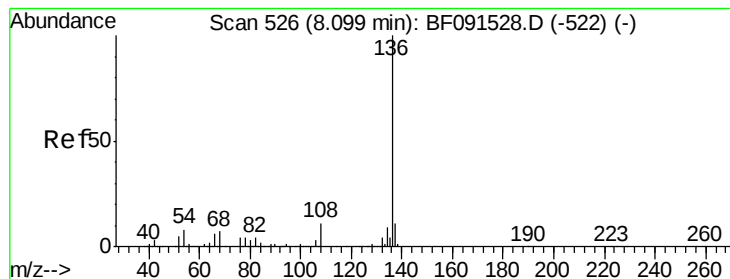


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091703.D

Acq: 17 Dec 2016 6:25

Instrument :

BNA_F

ClientSampled :

MW-04

Tot Ion:136 Resp: 579033

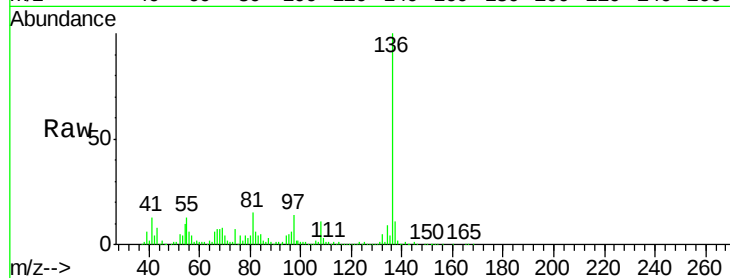
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.5 9.1 13.7

68 7.3 5.9 8.9

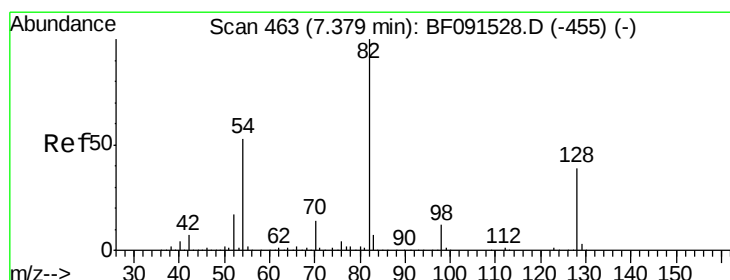
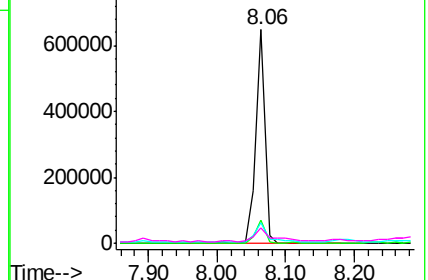
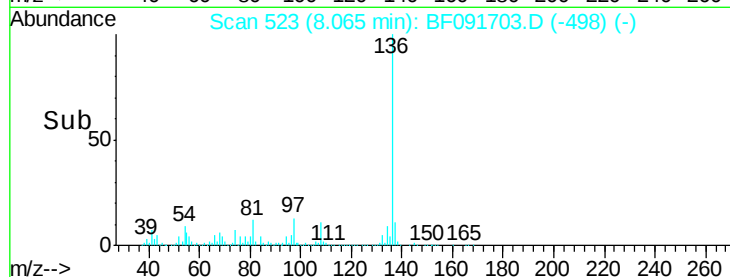


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.74 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF091703.D

Acq: 17 Dec 2016 6:25

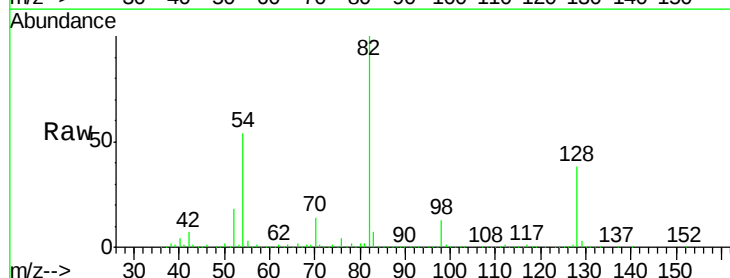
Tgt Ion: 82 Resp: 1034788

Ion Ratio Lower Upper

82 100

128 38.3 31.8 47.6

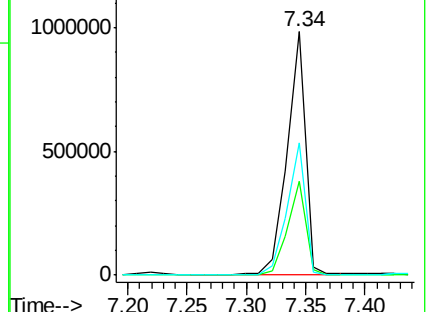
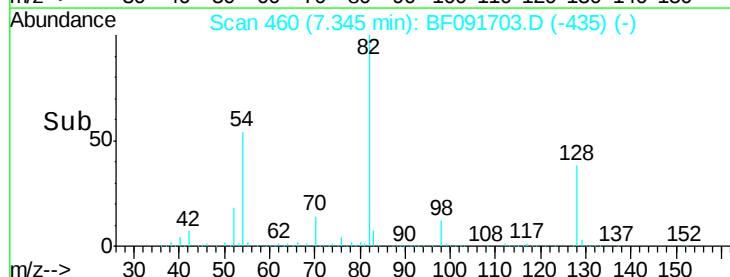
54 54.1 49.1 73.7

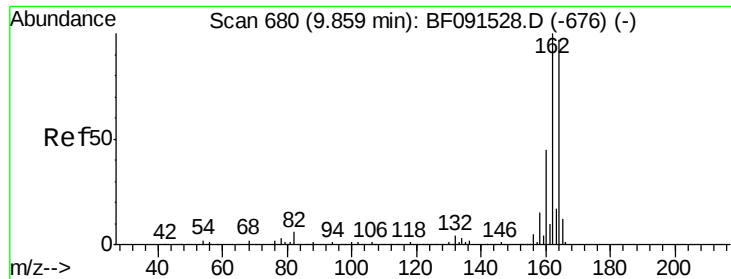


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

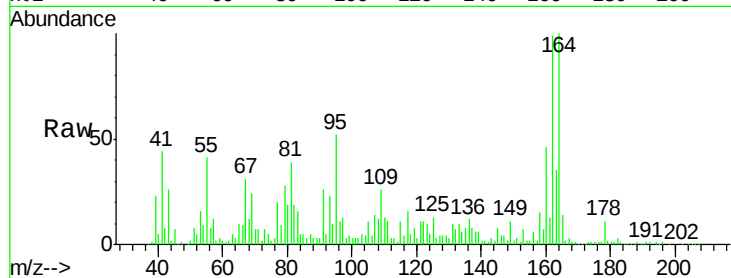




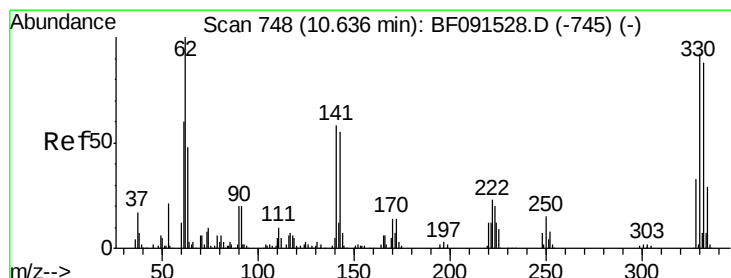
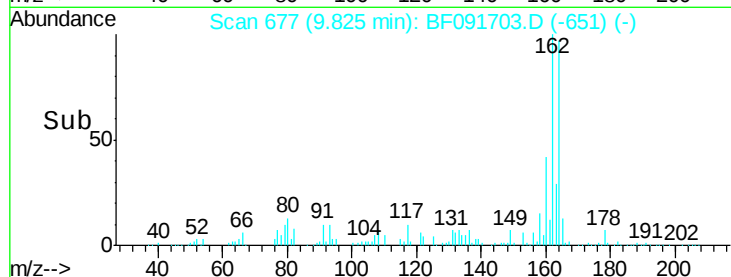
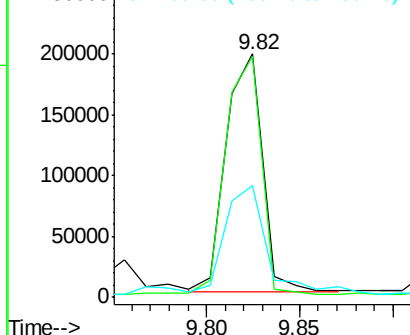
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091703.D
Acq: 17 Dec 2016 6:25

Instrument :
BNA_F
ClientSampleId :
MW-04

Tot Ion:164 Resp: 265670
Ion Ratio Lower Upper
164 100
162 98.8 82.6 124.0
160 46.1 36.7 55.1

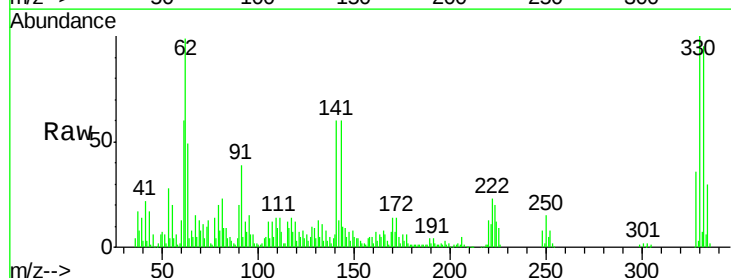


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

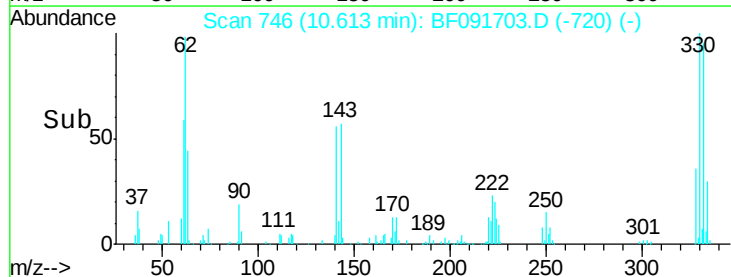
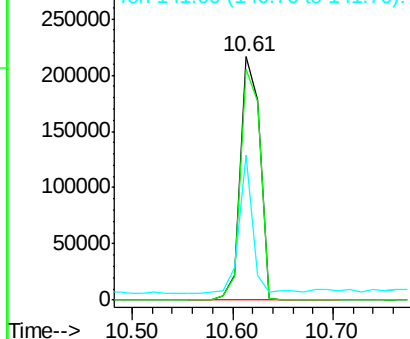


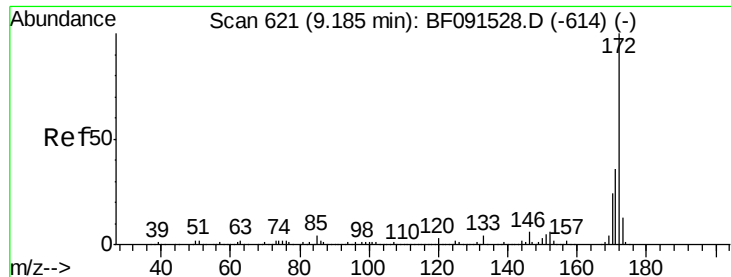
#41
2,4,6-Tribromophenol
Concen: 131.60 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF091703.D
Acq: 17 Dec 2016 6:25

Tgt Ion:330 Resp: 290398
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 40.5 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

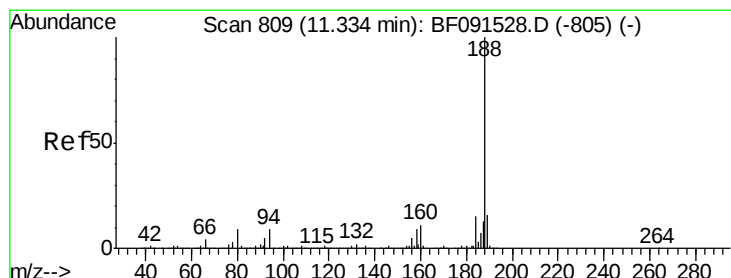
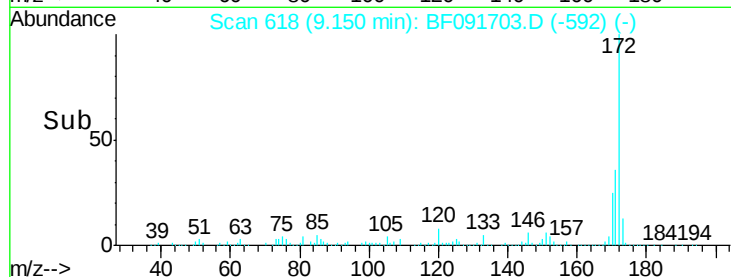
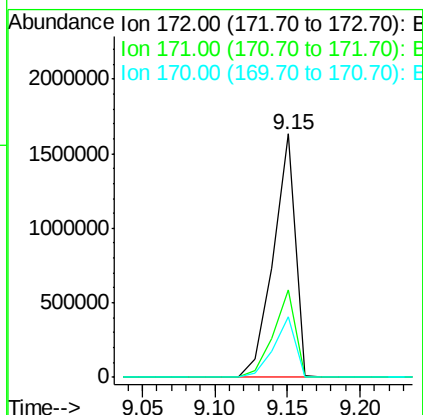
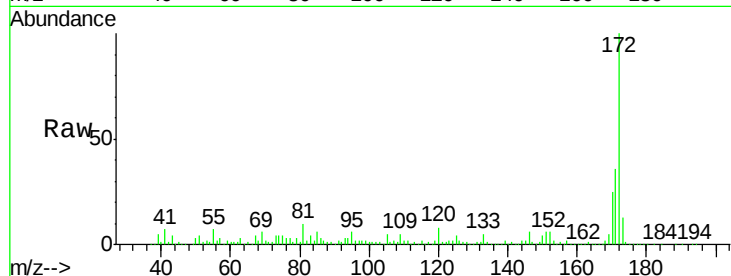




#44
2-Fluorobiphenyl
Concen: 111.88 ng
RT: 9.15 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF091703.D
Acq: 17 Dec 2016 6:25

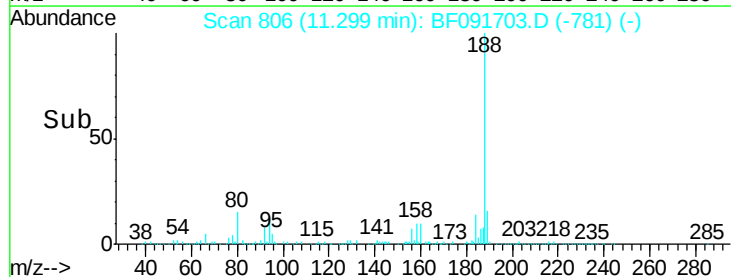
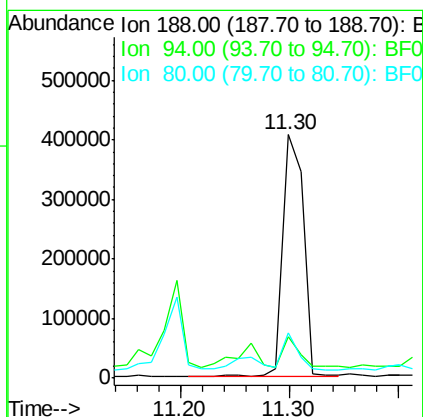
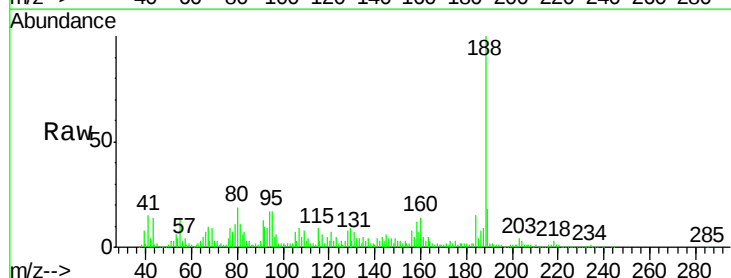
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MW-04

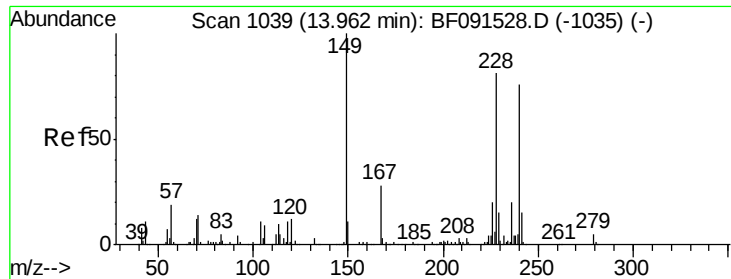
Tot Ion:172 Resp: 1720132
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.7 19.7 29.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091703.D
Acq: 17 Dec 2016 6:25

Tgt Ion:188 Resp: 533795
Ion Ratio Lower Upper
188 100
94 17.1 9.2 13.8#
80 18.7 10.5 15.7#

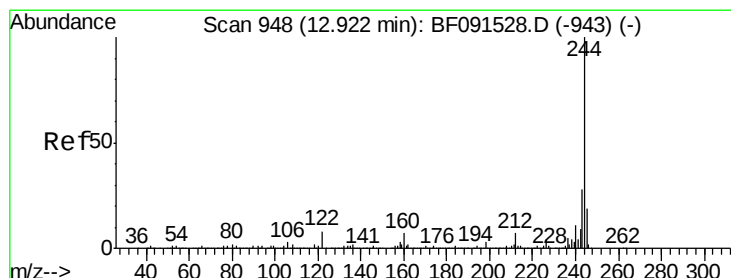
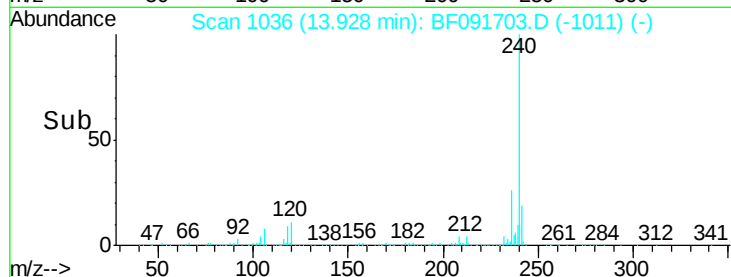
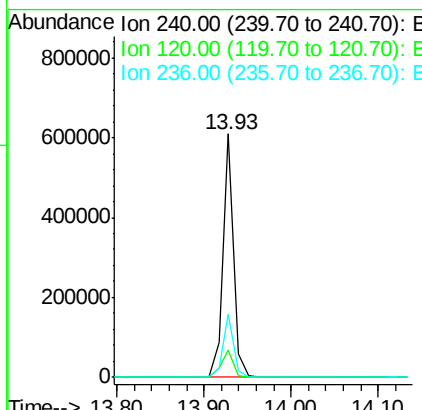
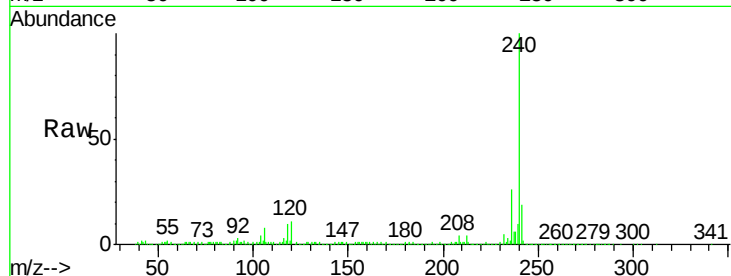




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF091703.D
 Acq: 17 Dec 2016 6:25

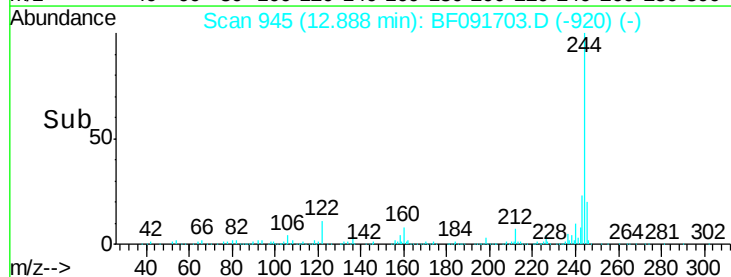
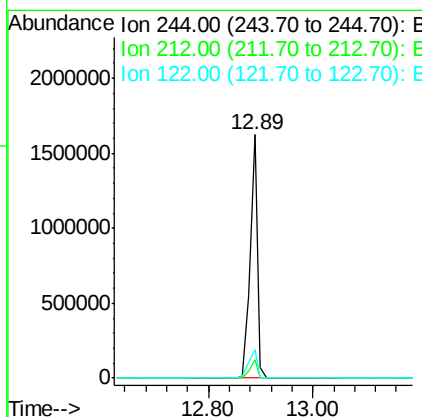
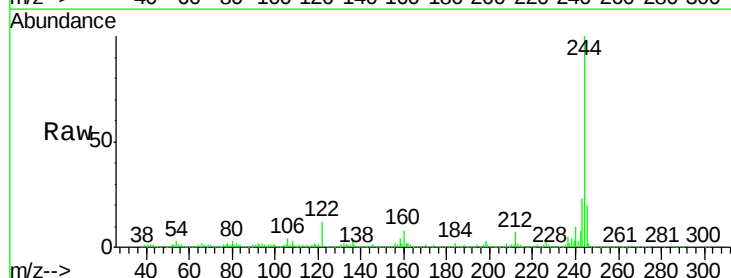
Instrument :
 BNA_F
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 MW-04

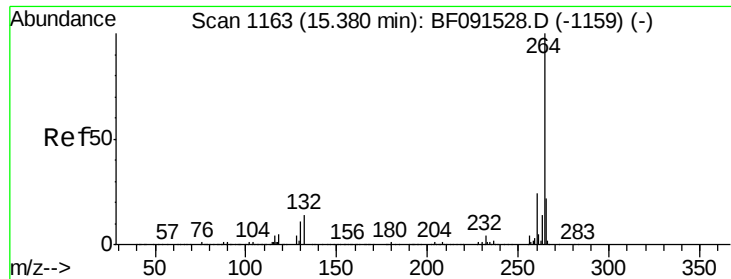
Tot Ion:240 Resp: 523722
 Ion Ratio Lower Upper
 240 100
 120 11.0 12.1 18.1#
 236 25.7 21.0 31.6



#78
 Terphenyl-d14
 Concen: 67.43 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF091703.D
 Acq: 17 Dec 2016 6:25

Tgt Ion:244 Resp: 1556224
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 11.8 9.5 14.3





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF091703.D
Acq: 17 Dec 2016 6:25

Instrument :
BNA_F
ClientSampleId :
MW-04

Tot Ion: 264 Resp: 407842
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.4 17.0 25.6

