

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091708.D
 Acq On : 17 Dec 2016 8:45
 Operator : UM/SJ
 Sample : H6091-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Quant Time: Dec 17 23:50:34 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	152443	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	933667	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	414366	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	534499	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	347024	20.00	ng	-0.01
86) Perylene-d12	15.32	264	364315	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1023119	113.07	ng	0.00
7) Phenol-d6	6.42	99	786741	69.74	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1466409	87.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	380444	110.54	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2153425	89.80	ng	-0.01
78) Terphenyl-d14	12.88	244	1677463	109.69	ng	-0.02

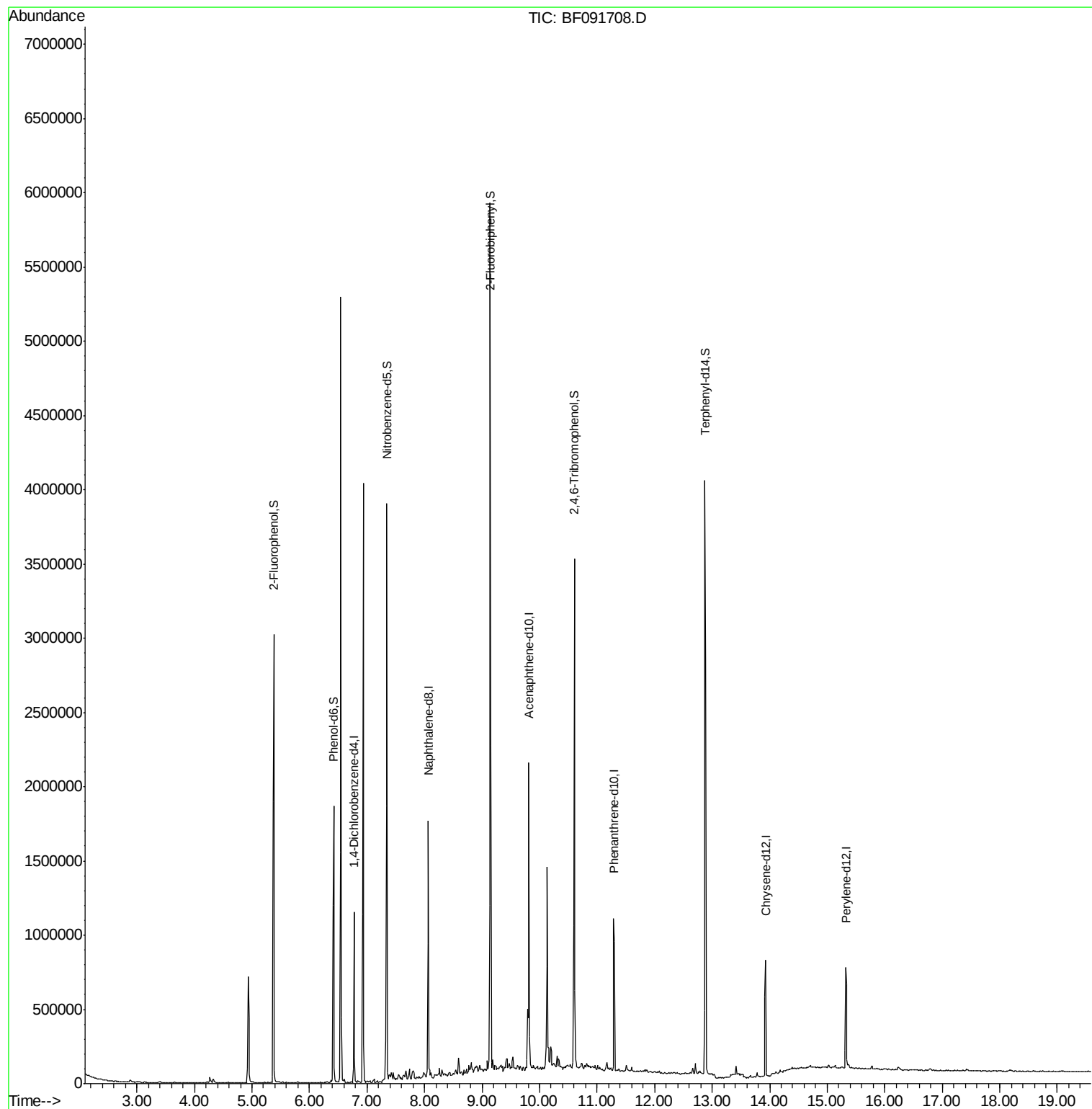
Target Compounds Qvalue

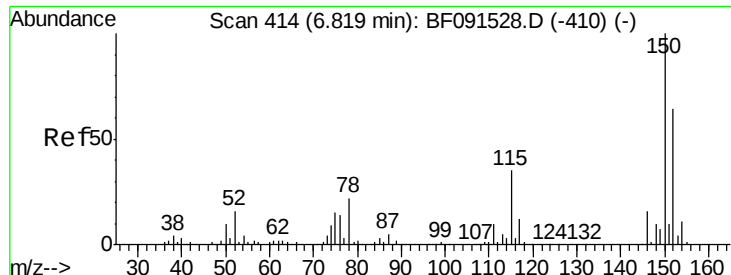
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 16 00:35:41 2016
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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: BF091708.D

Acq: 17 Dec 2016 8:45

Instrument :

BNA_F

ClientSampleId :

MW-21

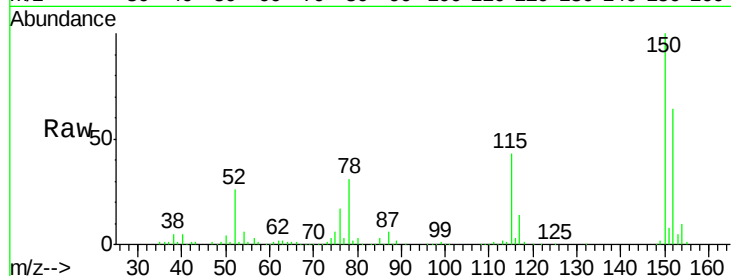
Tot Ion:152 Resp: 152443

Ion Ratio Lower Upper

152 100

150 156.8 122.5 183.7

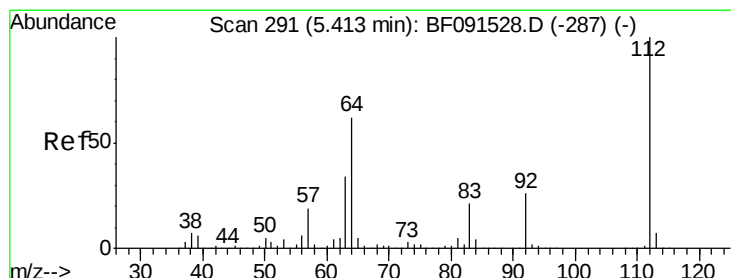
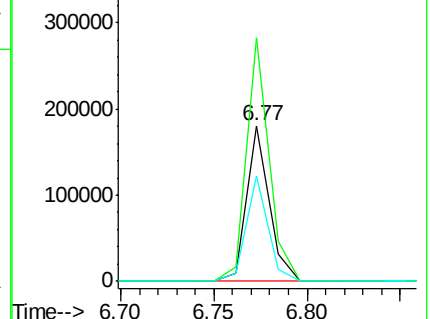
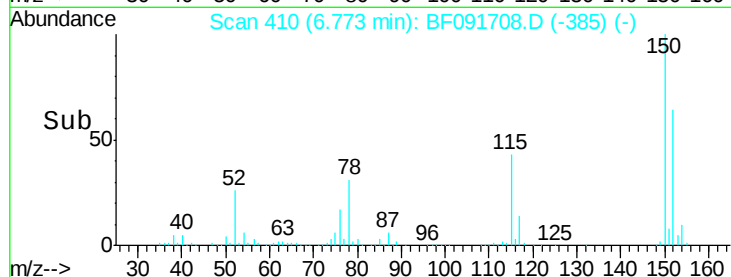
115 67.5 51.8 77.8



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: 113.07 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF091708.D

Acq: 17 Dec 2016 8:45

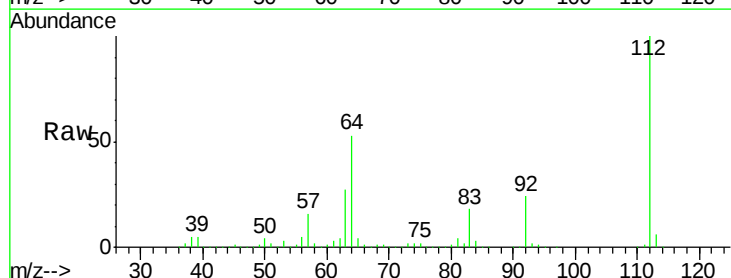
Tgt Ion:112 Resp: 1023119

Ion Ratio Lower Upper

112 100

64 53.4 61.5 92.3#

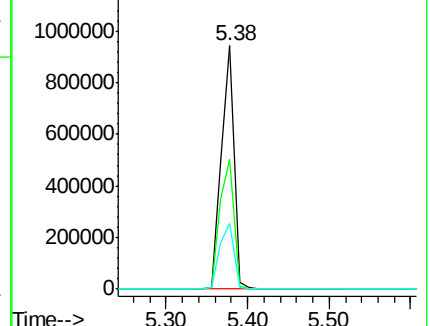
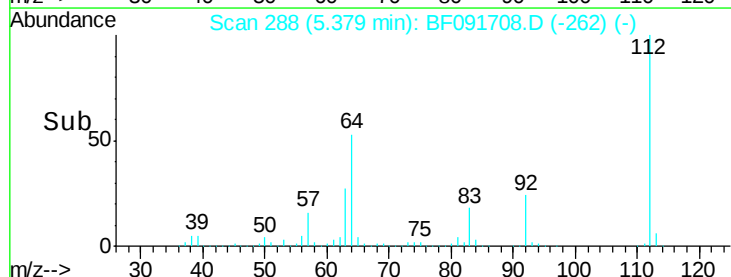
63 27.1 33.3 49.9#

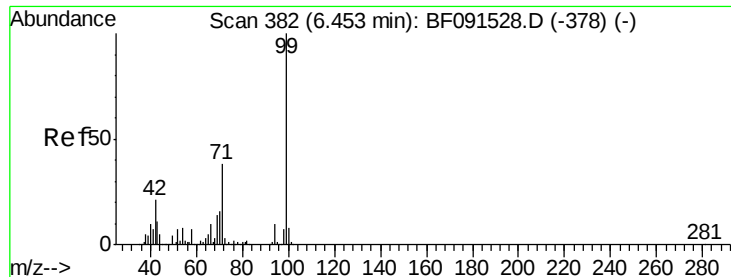


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 69.74 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091708.D

Acq: 17 Dec 2016 8:45

Instrument :

BNA_F

ClientSampleId :

MW-21

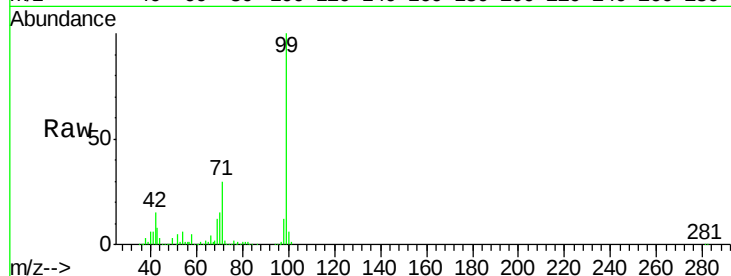
Tot Ion: 99 Resp: 786741

Ion Ratio Lower Upper

99 100

42 14.6 20.6 31.0#

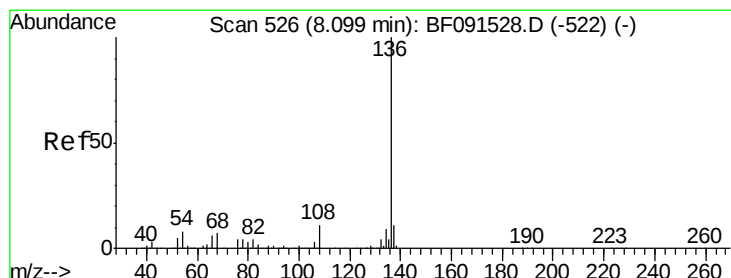
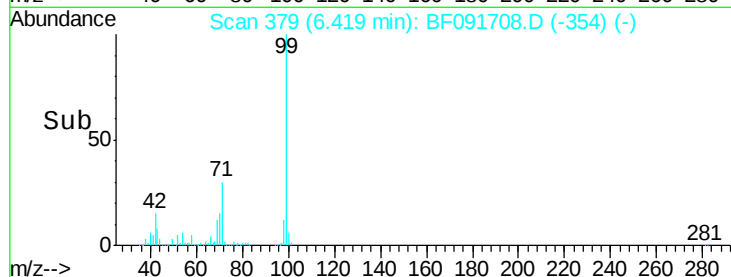
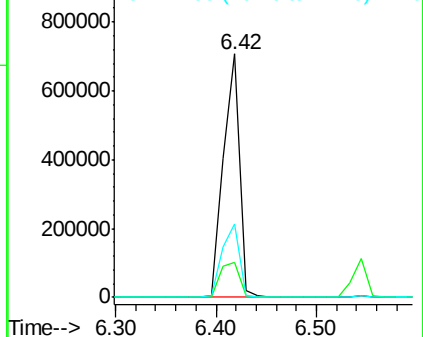
71 30.2 29.9 44.9



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091708.D

Acq: 17 Dec 2016 8:45

Tgt Ion: 136 Resp: 933667

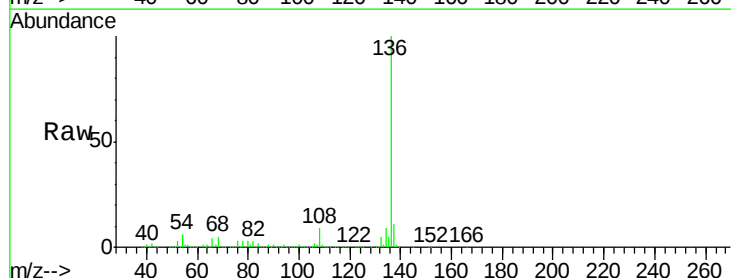
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.7 9.1 13.7#

68 5.0 5.9 8.9#

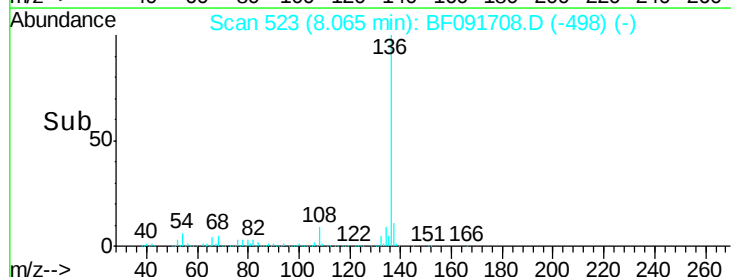
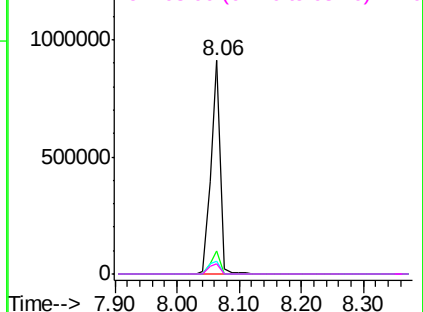


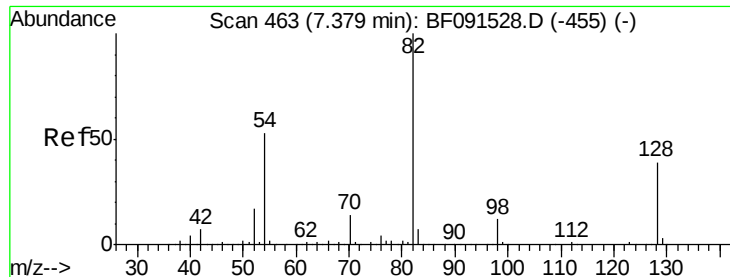
Abundance Ion 136.00 (135.70 to 136.70): E

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

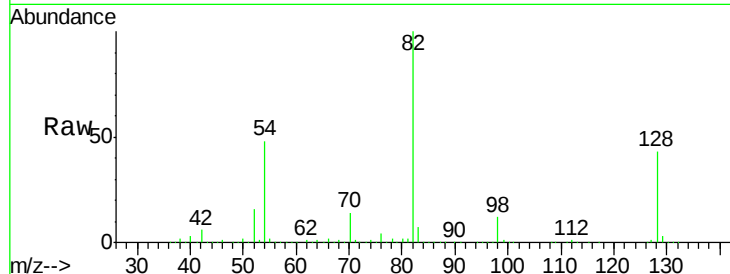




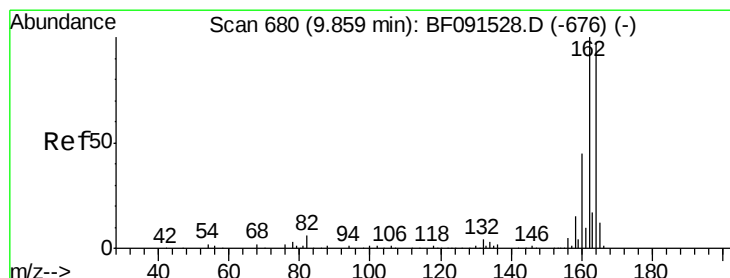
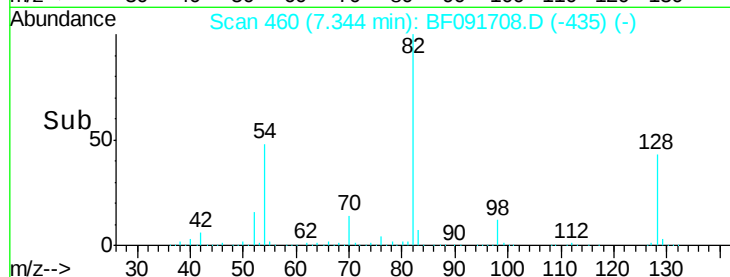
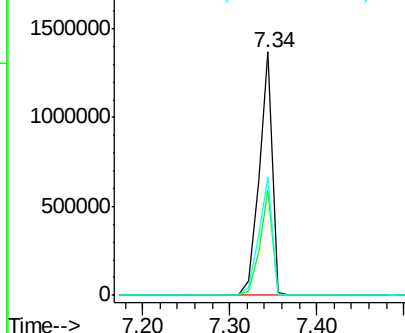
#23
Nitrobenzene-d5
Concen: 87.66 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091708.D
Acq: 17 Dec 2016 8:45

Instrument :
BNA_F
ClientSampleId :
MW-21

Tot Ion: 82 Resp: 1466409
Ion Ratio Lower Upper
82 100
128 43.5 31.8 47.6
54 48.4 49.1 73.7#

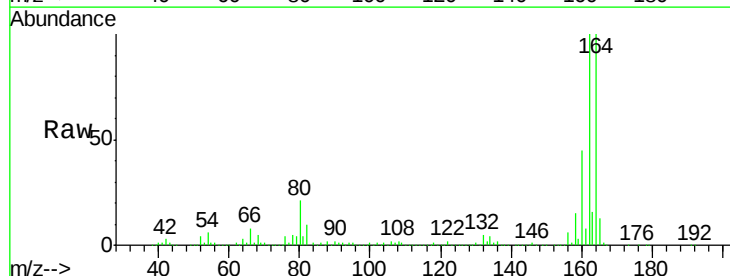


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

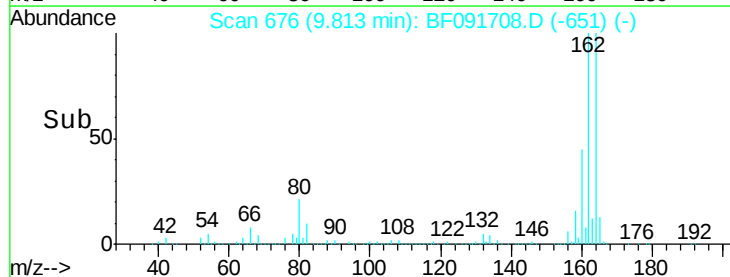
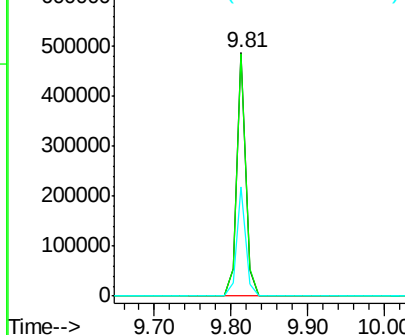


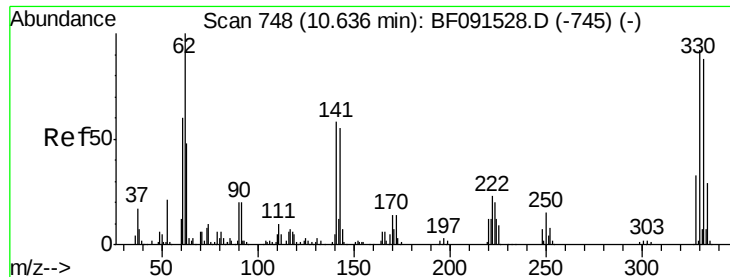
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091708.D
Acq: 17 Dec 2016 8:45

Tgt Ion:164 Resp: 414366
Ion Ratio Lower Upper
164 100
162 99.6 82.6 124.0
160 44.7 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

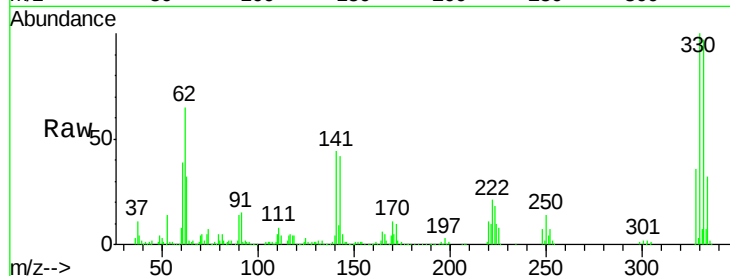




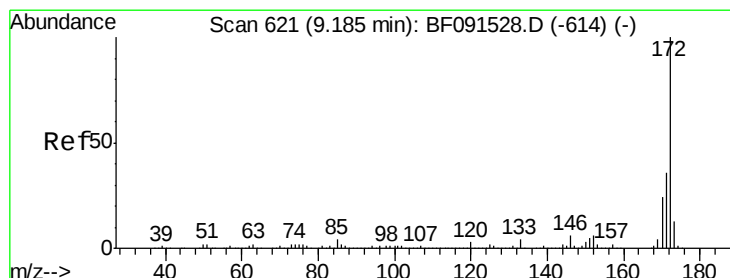
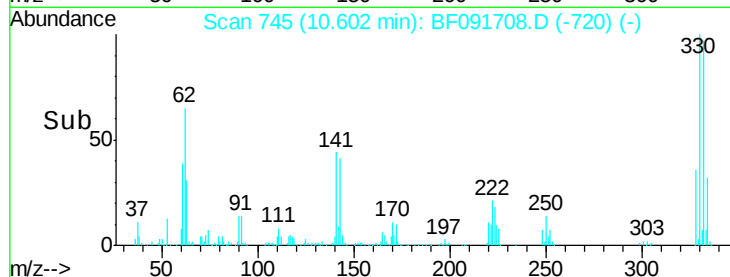
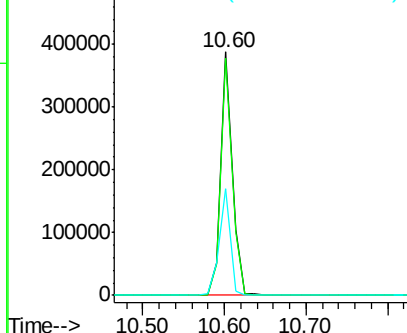
#41
 2,4,6-Tribromophenol
 Concen: 110.54 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091708.D
 Acq: 17 Dec 2016 8:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Tot Ion:330 Resp: 380444
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.2 114.4
 141 41.7 33.6 50.4

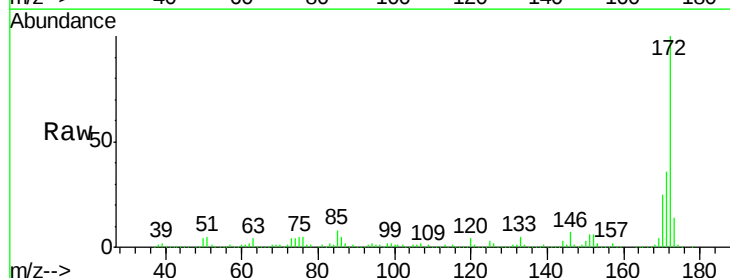


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

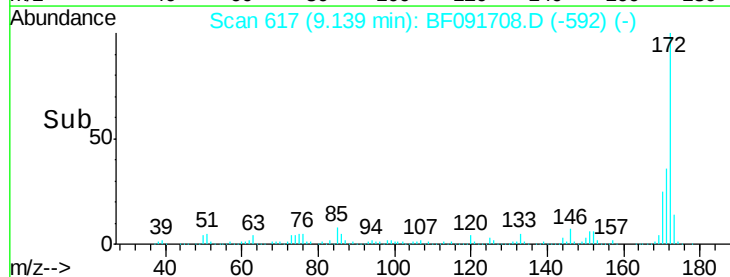
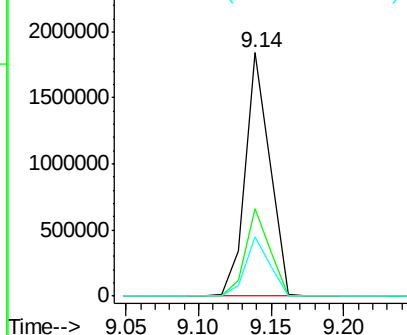


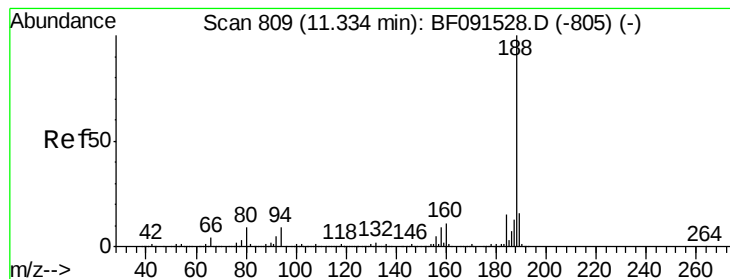
#44
 2-Fluorobiphenyl
 Concen: 89.80 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091708.D
 Acq: 17 Dec 2016 8:45

Tgt Ion:172 Resp: 2153425
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.6 19.7 29.5



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: 11.29 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF091708.D

Acq: 17 Dec 2016 8:45

Instrument :

BNA_F

ClientSampled :

MW-21

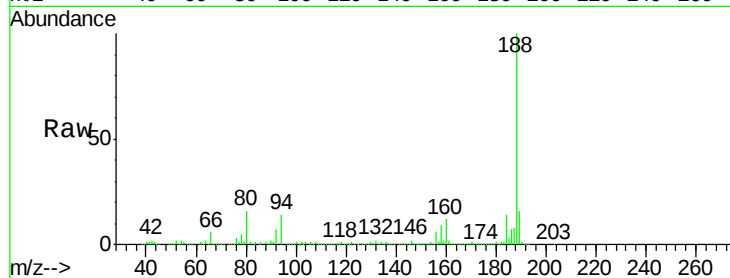
Tot Ion:188 Resp: 534499

Ion Ratio Lower Upper

188 100

94 13.6 9.2 13.8

80 16.1 10.5 15.7#



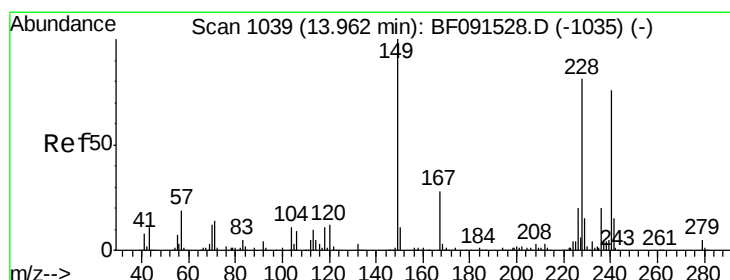
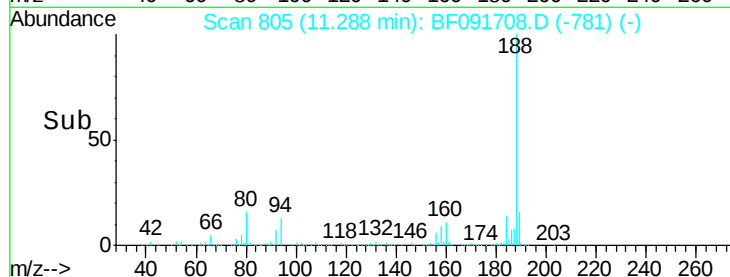
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.29

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF091708.D

Acq: 17 Dec 2016 8:45

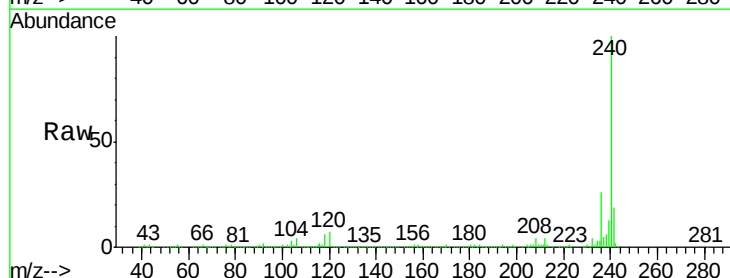
Tgt Ion:240 Resp: 347024

Ion Ratio Lower Upper

240 100

120 6.7 12.1 18.1#

236 25.5 21.0 31.6



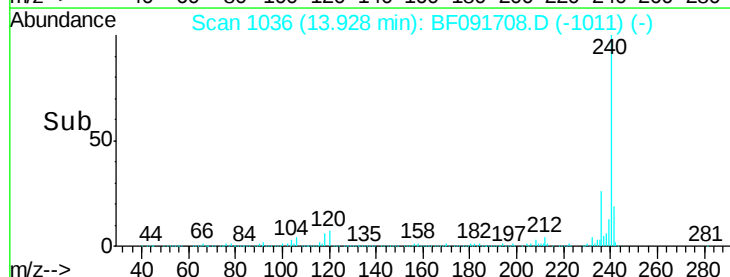
Abundance Ion 240.00 (239.70 to 240.70): E

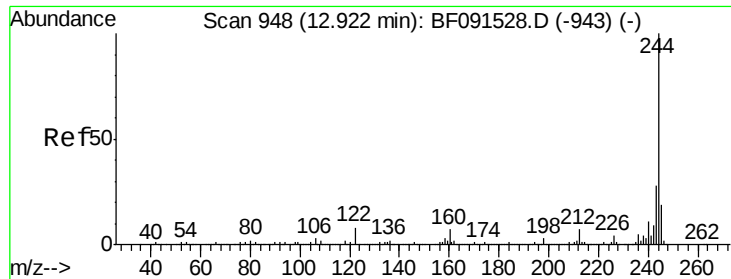
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.93

Time-->

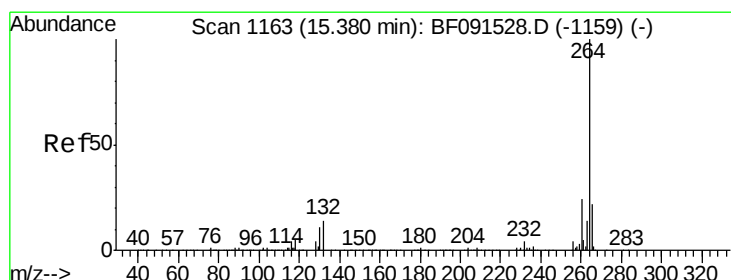
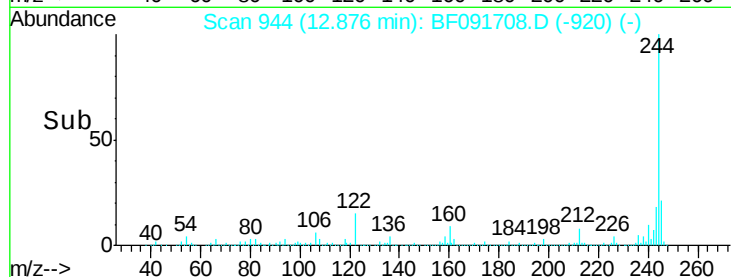
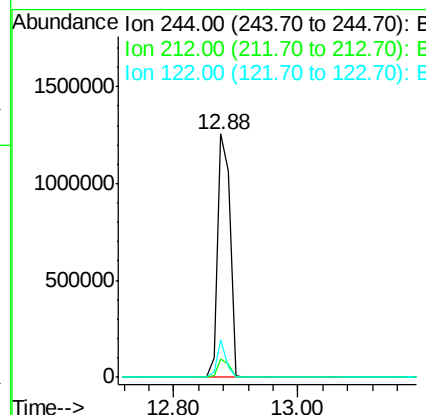
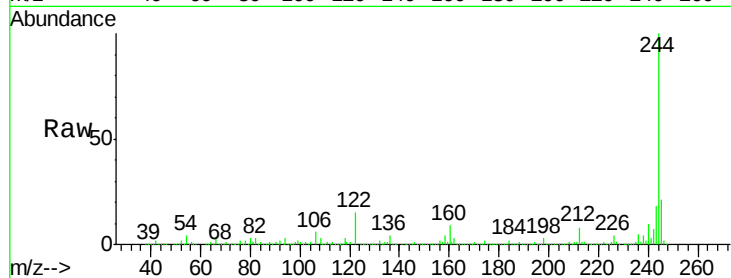




#78
 Terphenyl-d14
 Concen: 109.69 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: BF091708.D
 Acq: 17 Dec 2016 8:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Tot Ion:244 Resp: 1677463
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 15.2 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BF091708.D
 Acq: 17 Dec 2016 8:45

Tgt Ion:264 Resp: 364315
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 22.1 17.0 25.6

