

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091812.D
 Acq On : 20 Dec 2016 11:36
 Operator : UM/SJ
 Sample : H6147-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Dec 21 00:12:52 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

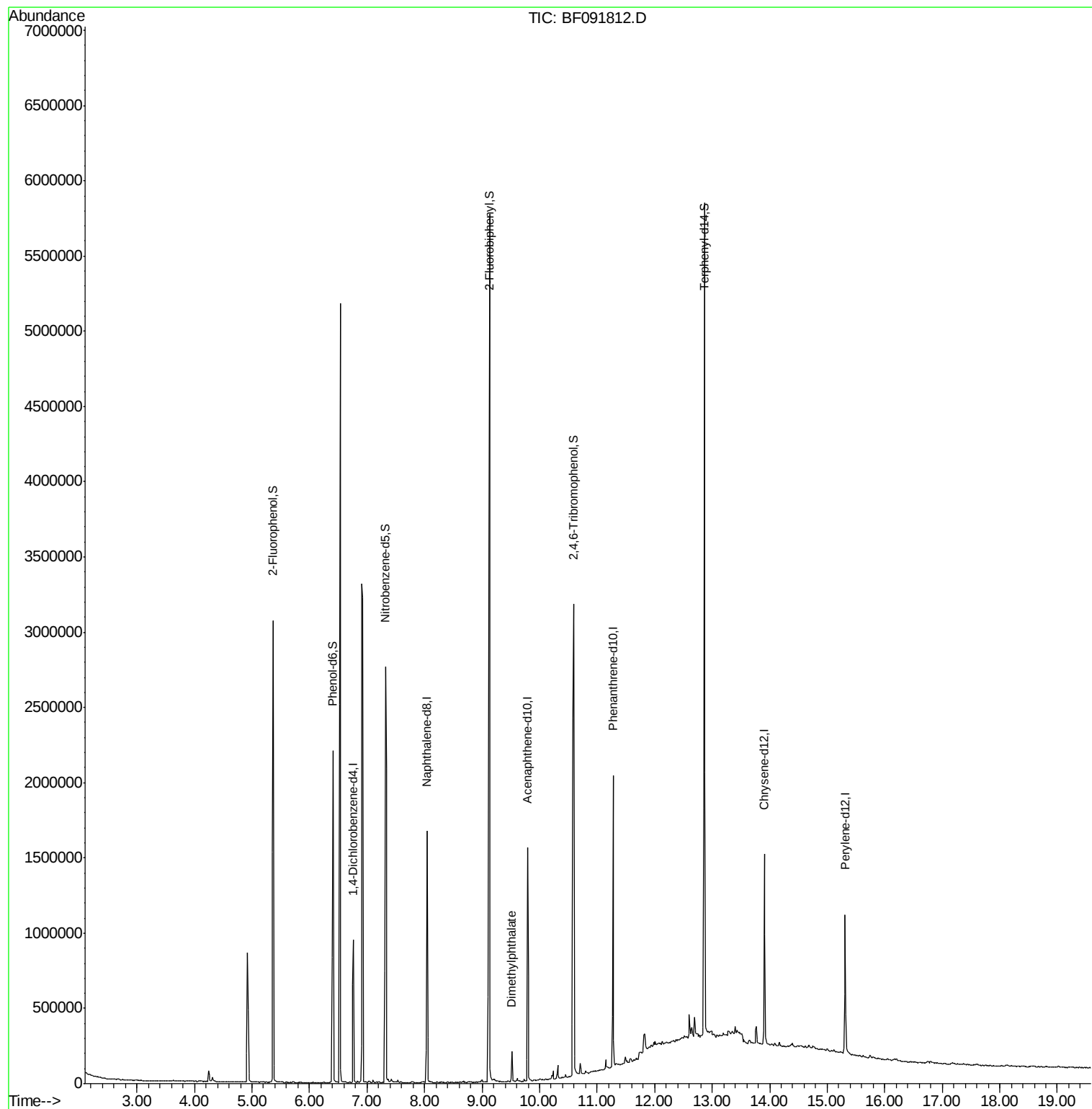
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	187363	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	764573	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	394199	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	693127	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	555968	20.00	ng	-0.02
86) Perylene-d12	15.31	264	425867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	956865	85.56	ng	0.00
7) Phenol-d6	6.41	99	793786	58.20	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1384536	104.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	526676	157.56	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2348567	119.69	ng	-0.01
78) Terphenyl-d14	12.87	244	2067990	93.92	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.52	163	79710	3.10	ng	Qvalue 98

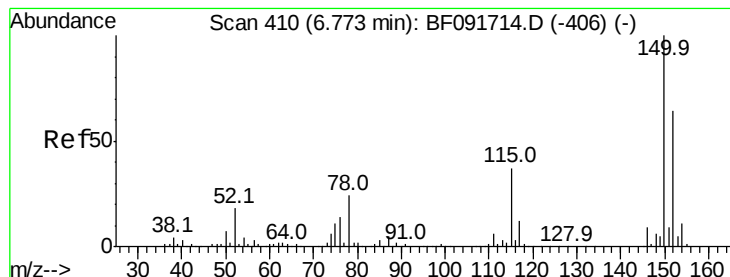
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091812.D

Acq: 20 Dec 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-10

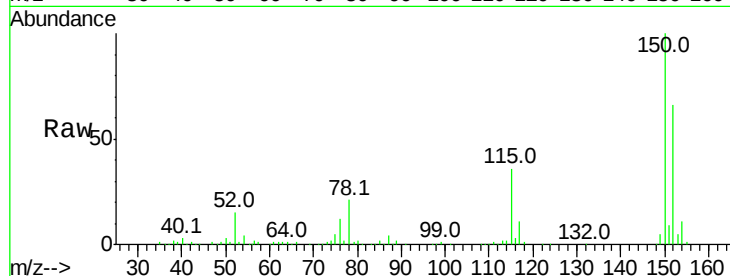
Tot Ion:152 Resp: 187363

Ion Ratio Lower Upper

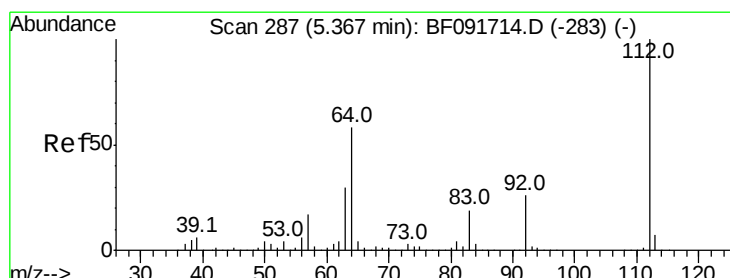
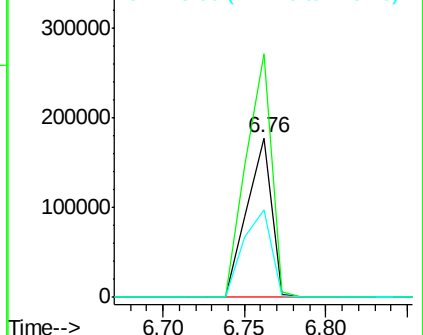
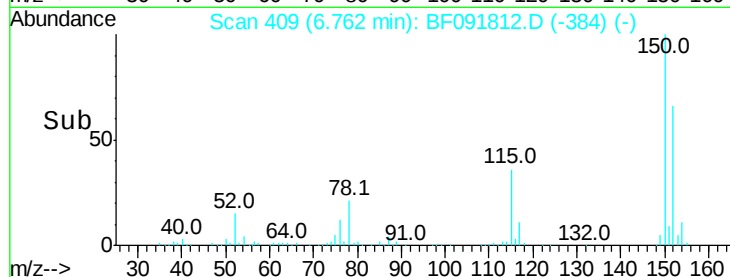
152 100

150 152.6 124.9 187.3

115 55.1 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: 85.56 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091812.D

Acq: 20 Dec 2016 11:36

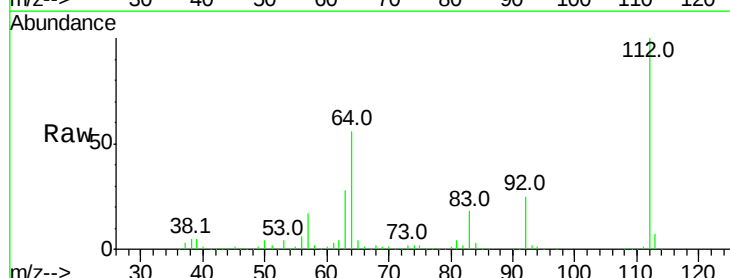
Tgt Ion:112 Resp: 956865

Ion Ratio Lower Upper

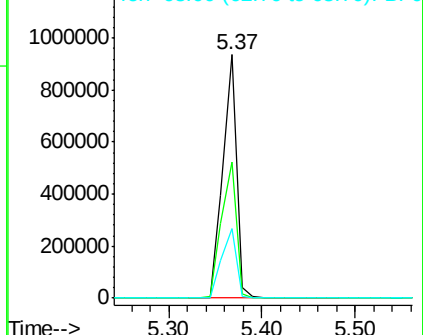
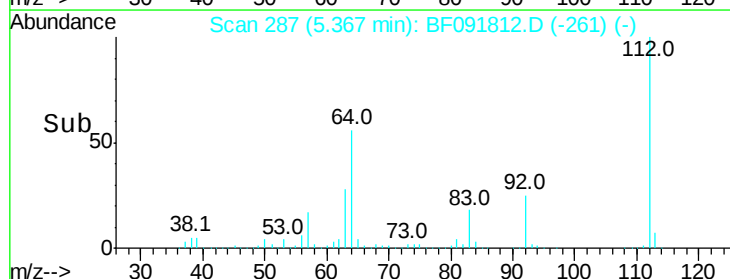
112 100

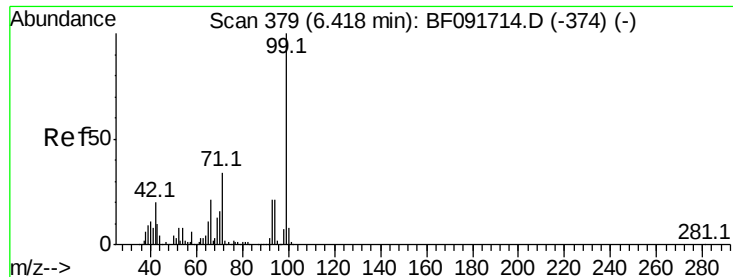
64 55.8 46.1 69.1

63 28.4 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: 58.20 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091812.D

Acq: 20 Dec 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-10

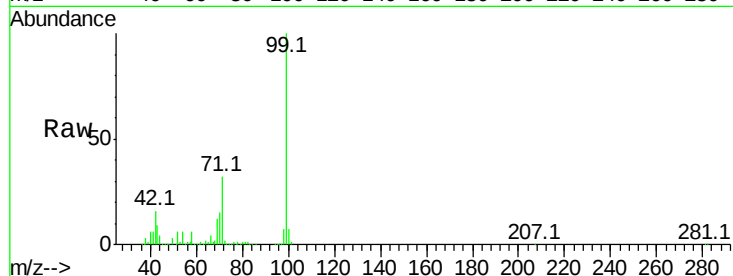
Tot Ion: 99 Resp: 793786

Ion Ratio Lower Upper

99 100

42 16.0 15.6 23.4

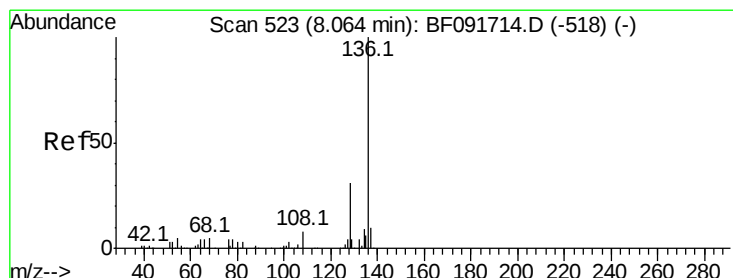
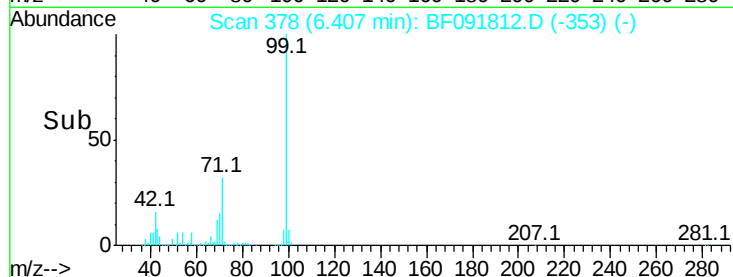
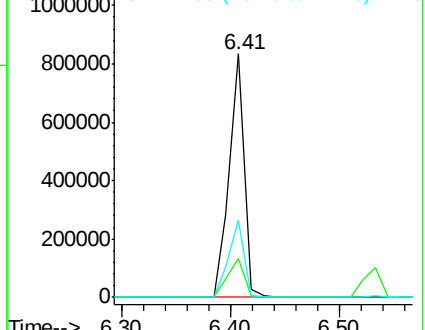
71 31.8 27.5 41.3



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: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091812.D

Acq: 20 Dec 2016 11:36

Tgt Ion: 136 Resp: 764573

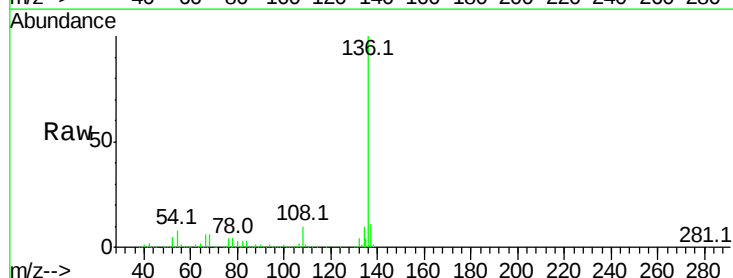
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.4 4.5 6.7#

68 6.4 3.6 5.4#

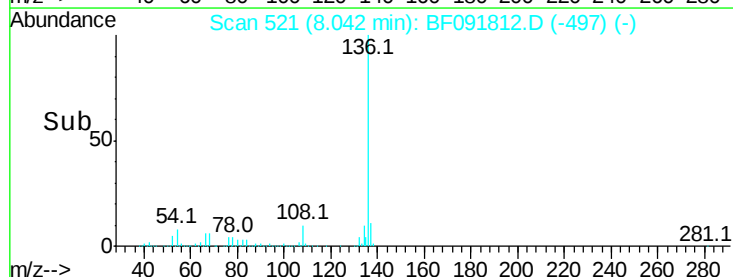
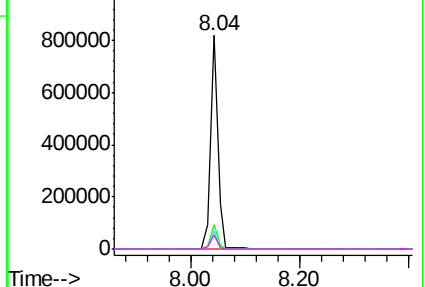


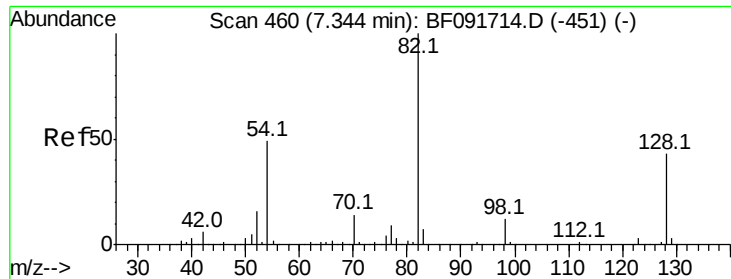
Abundance Ion 136.00 (135.70 to 136.70): E

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

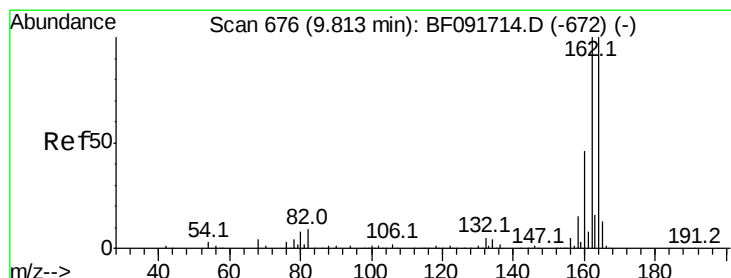
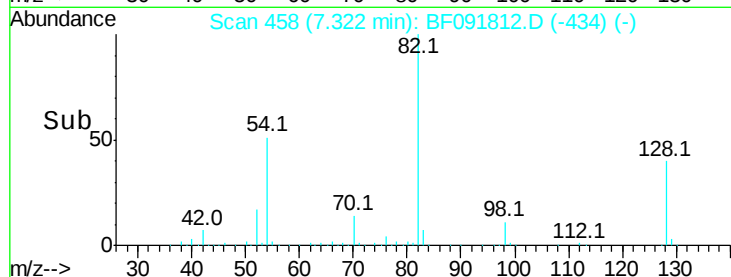
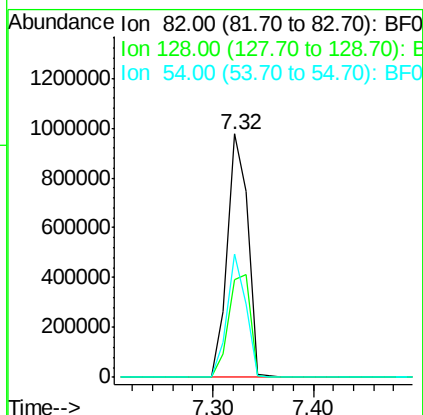
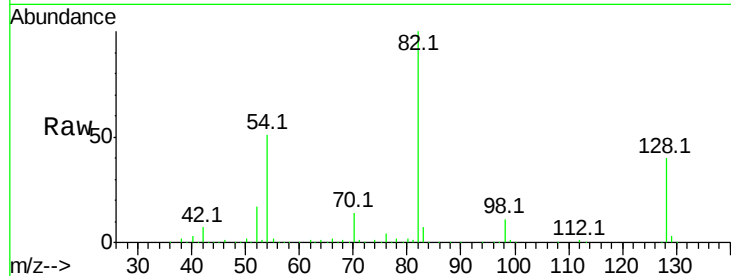




#23
 Nitrobenzene-d5
 Concen: 104.43 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091812.D
 Acq: 20 Dec 2016 11:36

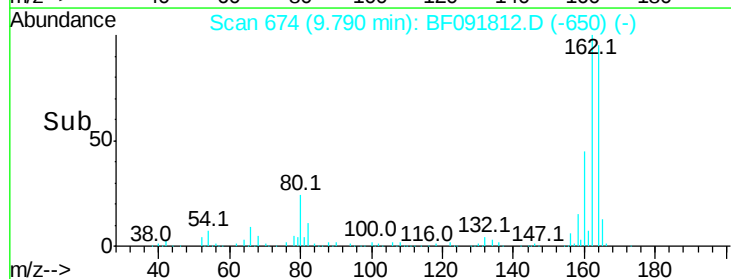
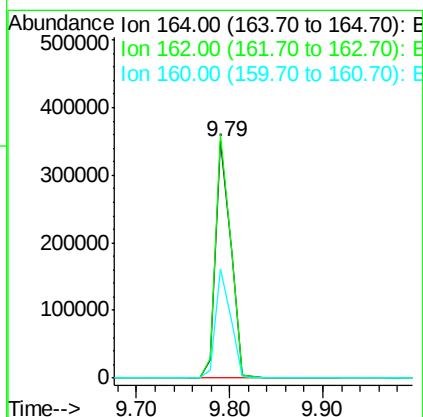
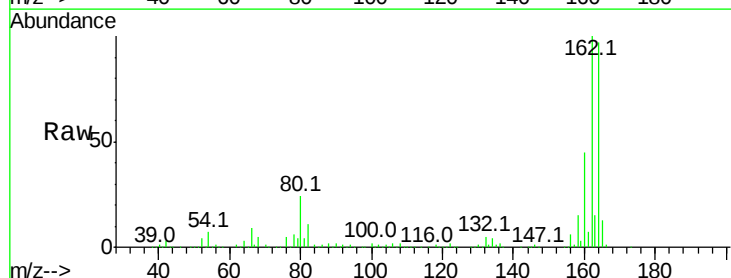
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

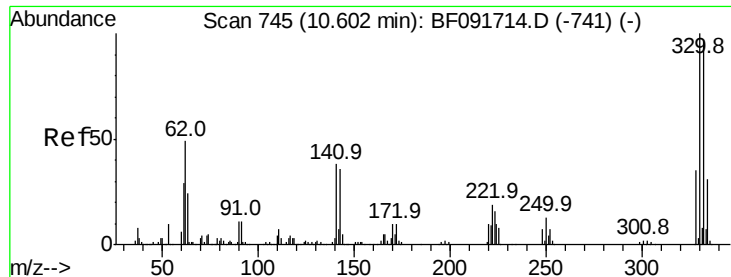
Tot Ion: 82 Resp: 1384536
 Ion Ratio Lower Upper
 82 100
 128 40.2 34.6 52.0
 54 50.8 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF091812.D
 Acq: 20 Dec 2016 11:36

Tgt Ion:164 Resp: 394199
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.2 120.2
 160 45.8 36.9 55.3

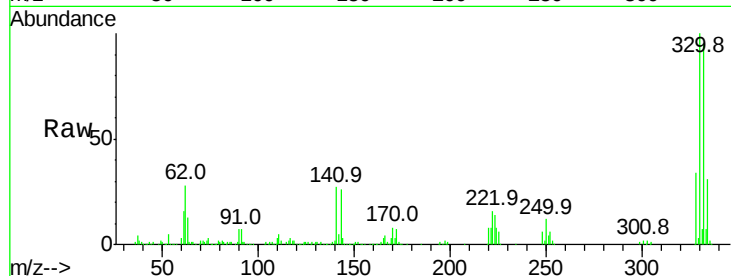




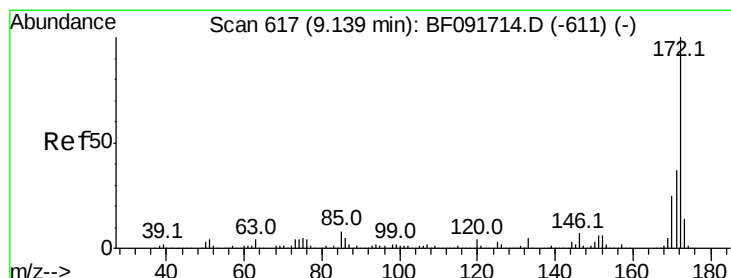
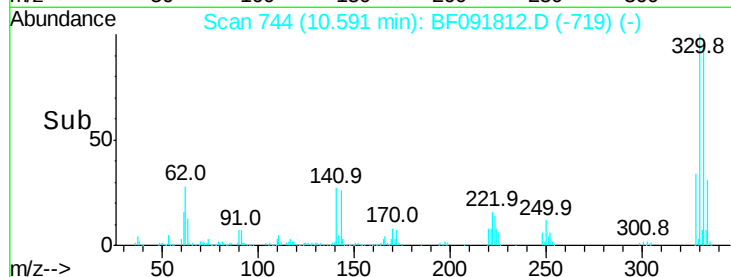
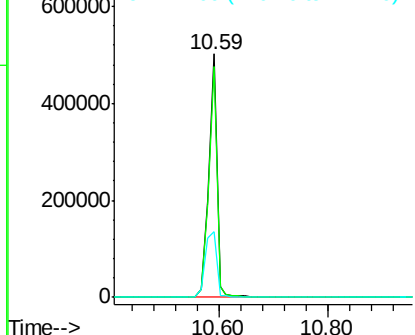
#41
 2,4,6-Tribromophenol
 Concen: 157.56 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091812.D
 Acq: 20 Dec 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tot Ion:330 Resp: 526676
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.2
 141 37.6 34.1 51.1

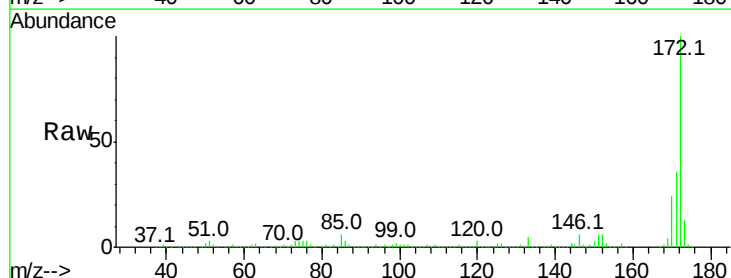


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

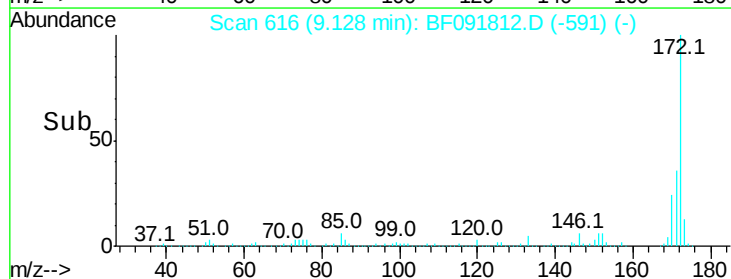
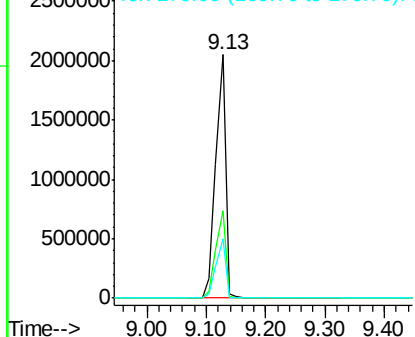


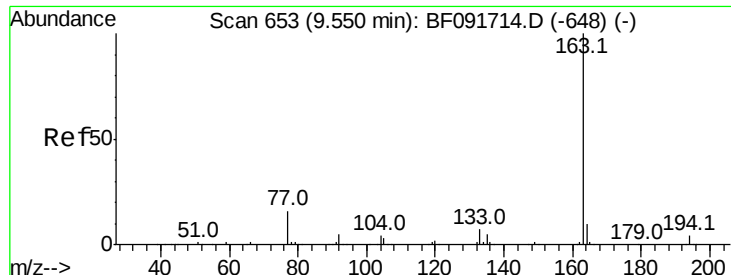
#44
 2-Fluorobiphenyl
 Concen: 119.69 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091812.D
 Acq: 20 Dec 2016 11:36

Tgt Ion:172 Resp: 2348567
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

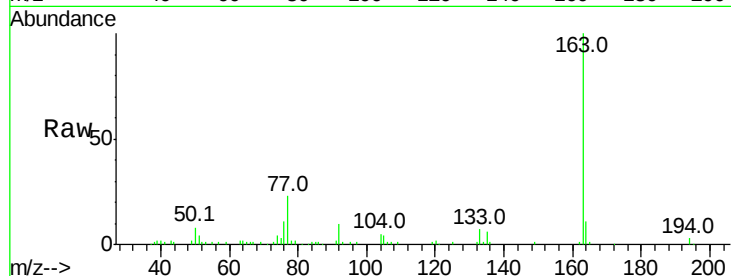




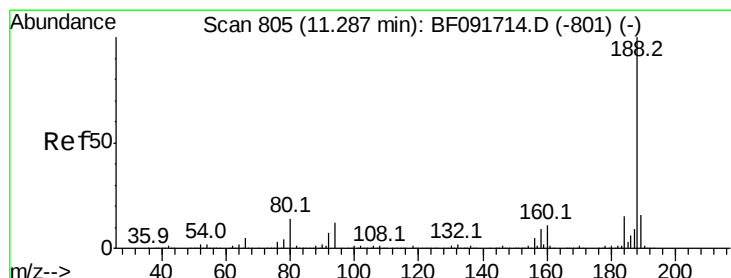
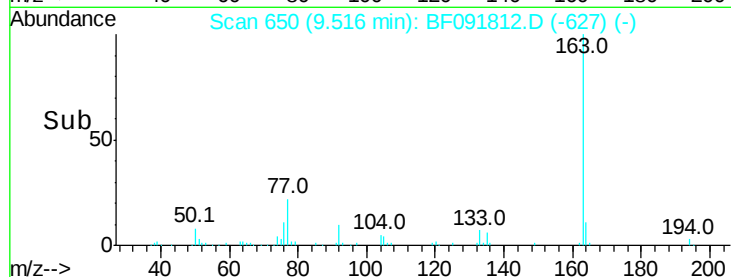
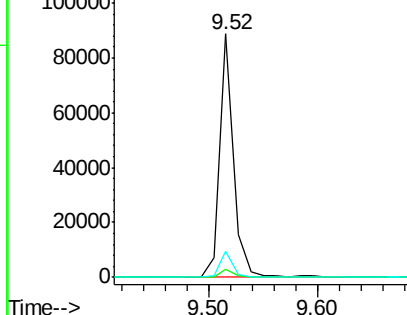
#49
Dimethylphthalate
Concen: 3.10 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tot Ion:163 Resp: 79710
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.7 8.0 12.0

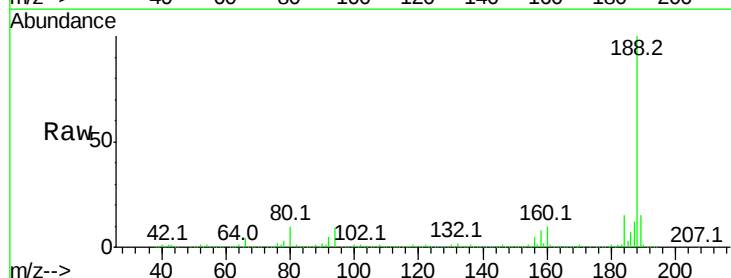


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

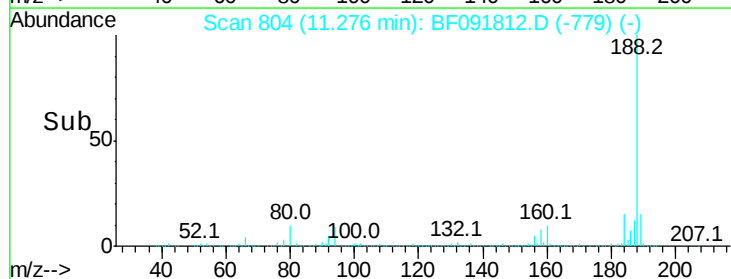
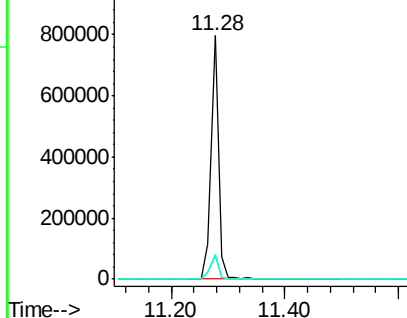


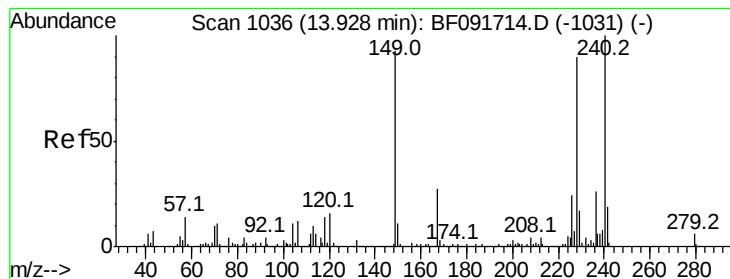
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Tgt Ion:188 Resp: 693127
Ion Ratio Lower Upper
188 100
94 9.5 10.0 15.0#
80 10.1 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: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091812.D

Acq: 20 Dec 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-10

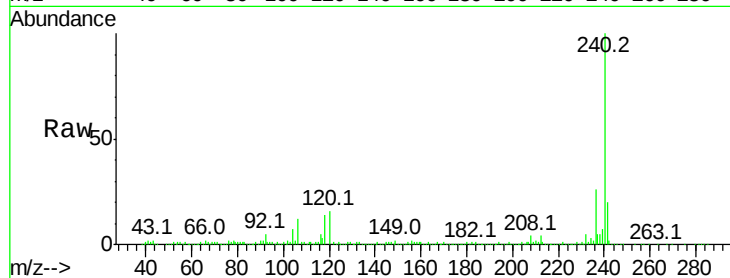
Tot Ion:240 Resp: 555968

Ion Ratio Lower Upper

240 100

120 16.0 12.9 19.3

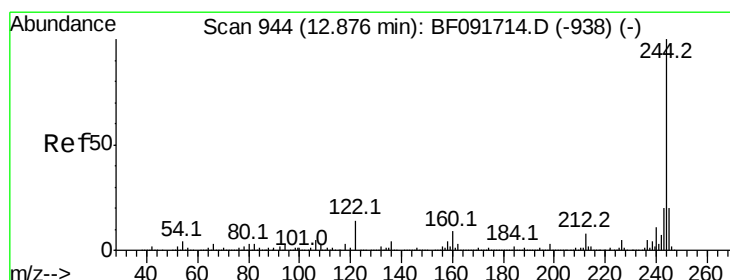
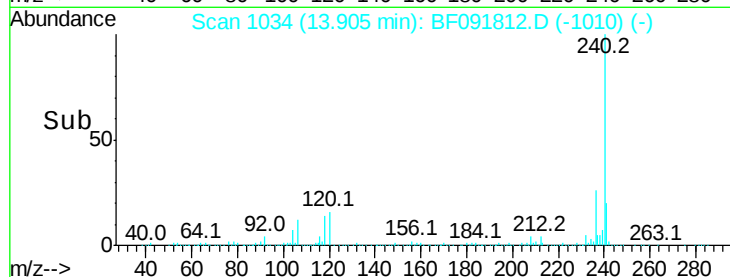
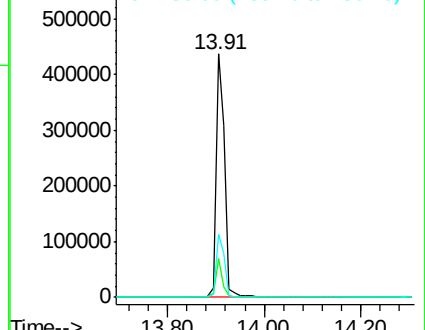
236 26.0 20.9 31.3



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: 93.92 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091812.D

Acq: 20 Dec 2016 11:36

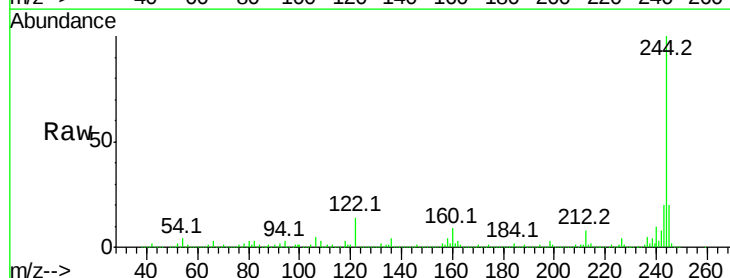
Tgt Ion:244 Resp: 2067990

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

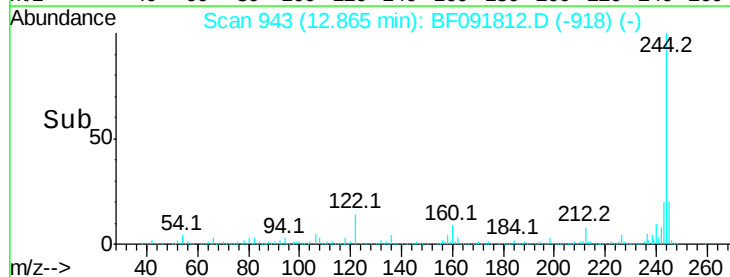
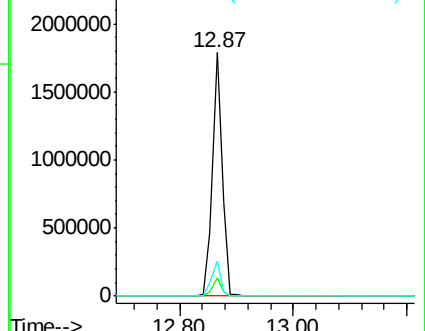
122 14.3 11.4 17.2

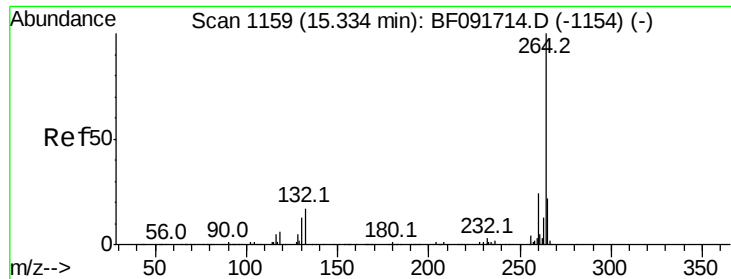


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

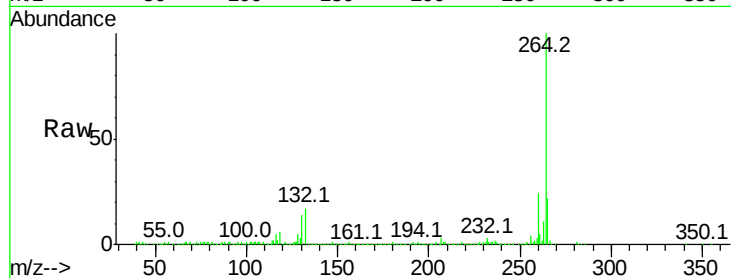




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091812.D
 Acq: 20 Dec 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	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

