

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
 Data File : BF091375.D
 Acq On : 1 Dec 2016 16:21
 Operator : UM/SJ
 Sample : H5801-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-112916

Quant Time: Dec 02 00:08:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

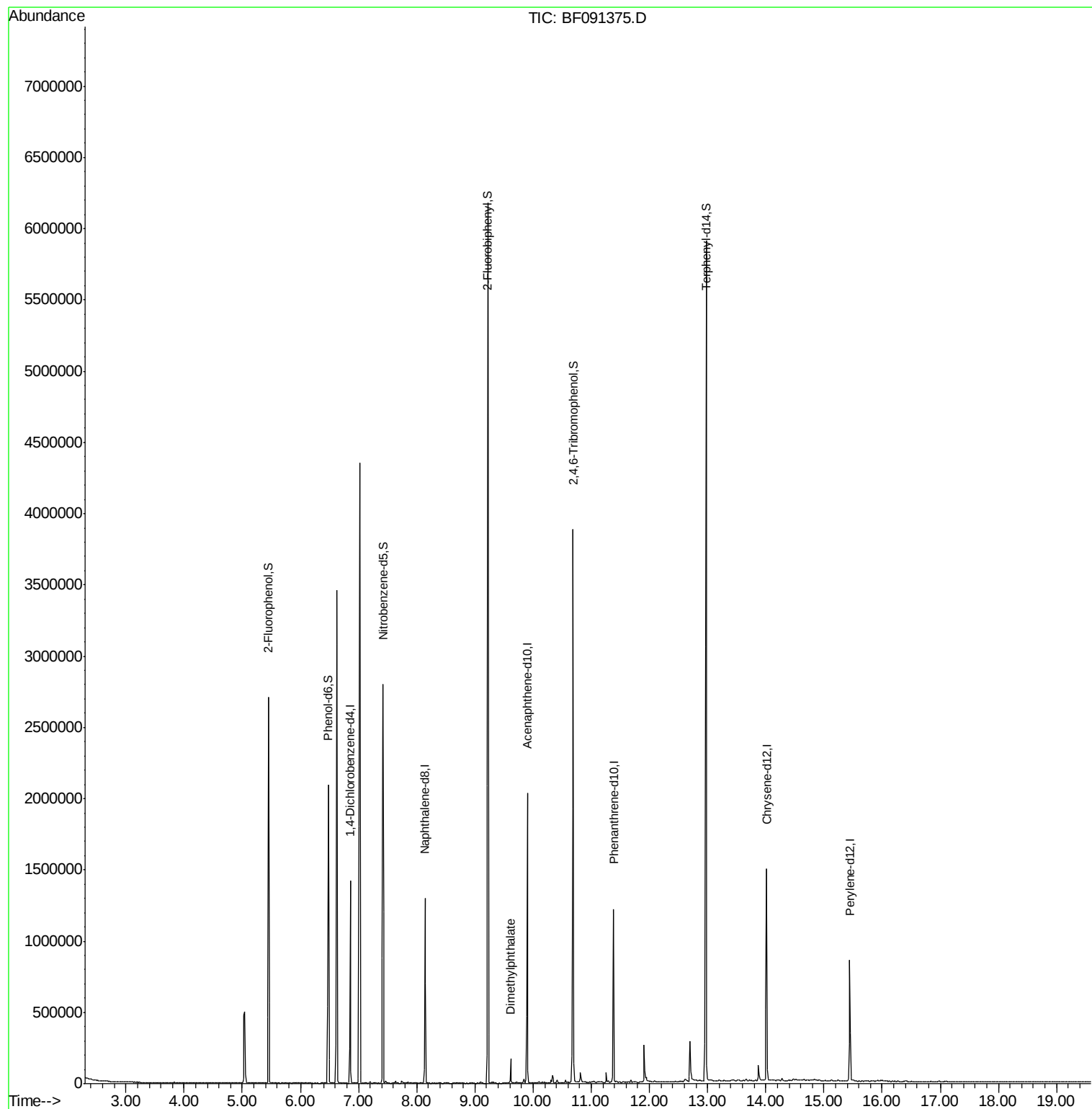
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	190044	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	691076	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	432286	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	680016	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	542668	20.00	ng	-0.03
86) Perylene-d12	15.44	264	401607	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	652529	56.09	ng	-0.02
7) Phenol-d6	6.48	99	596684	41.67	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1080783	87.64	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	511183	124.91	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1969229	82.48	ng	-0.02
78) Terphenyl-d14	12.97	244	2144319	85.88	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.61	163	62259	2.38	ng	Qvalue 99

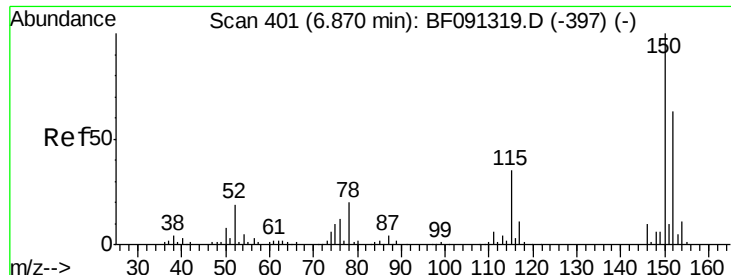
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091375.D

Acq: 1 Dec 2016 16:21

Instrument :

BNA_F

ClientSampleId :

MW-6-112916

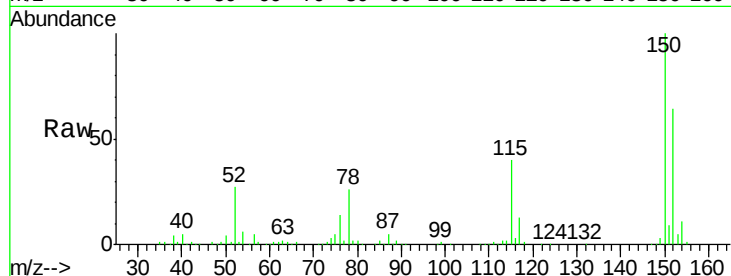
Tot Ion:152 Resp: 190044

Ion Ratio Lower Upper

152 100

150 155.3 122.5 183.7

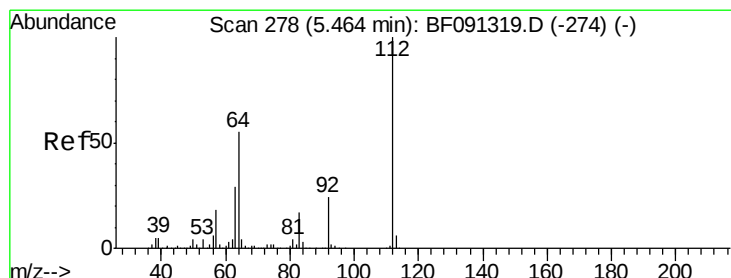
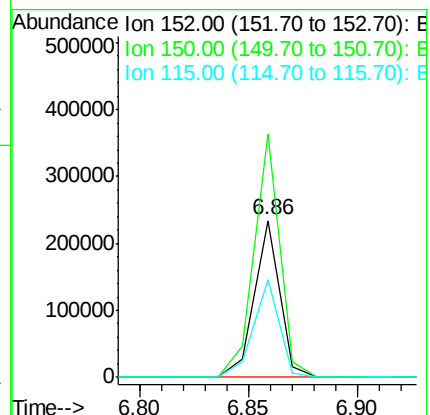
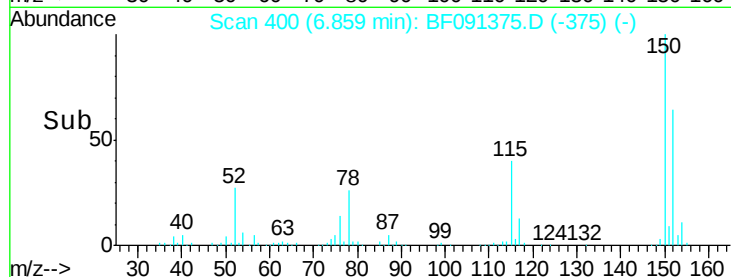
115 62.0 51.8 77.8



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: 56.09 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091375.D

Acq: 1 Dec 2016 16:21

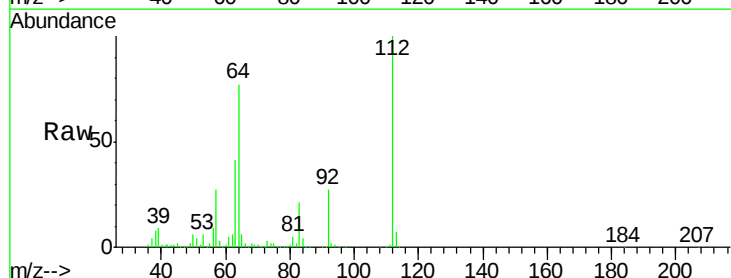
Tgt Ion:112 Resp: 652529

Ion Ratio Lower Upper

112 100

64 77.4 61.5 92.3

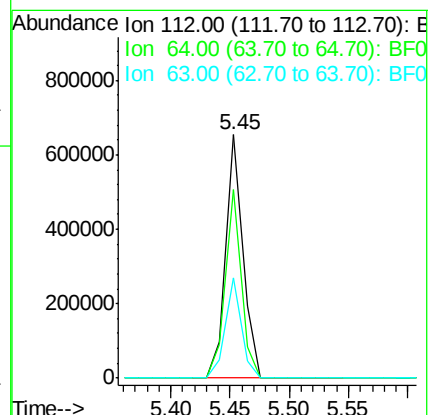
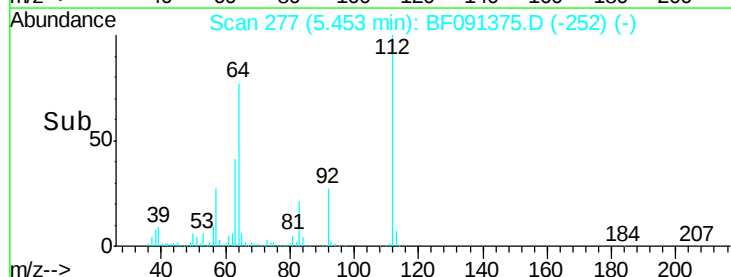
63 41.4 33.3 49.9

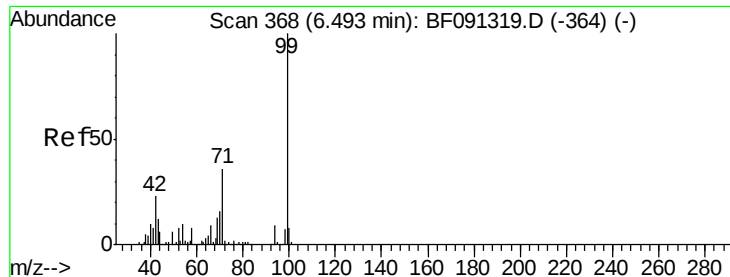


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.67 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091375.D

Acq: 1 Dec 2016 16:21

Instrument :

BNA_F

ClientSampleId :

MW-6-112916

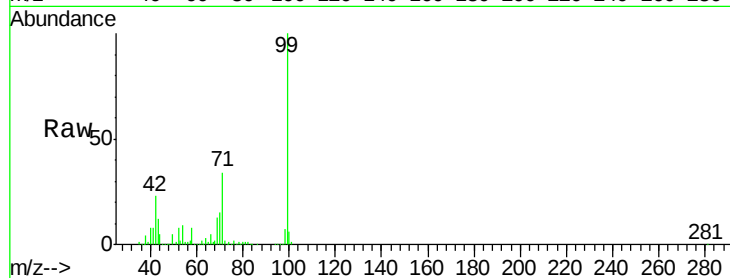
Tot Ion: 99 Resp: 596684

Ion Ratio Lower Upper

99 100

42 22.6 20.6 31.0

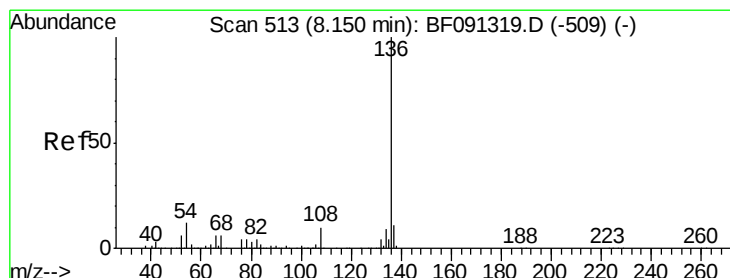
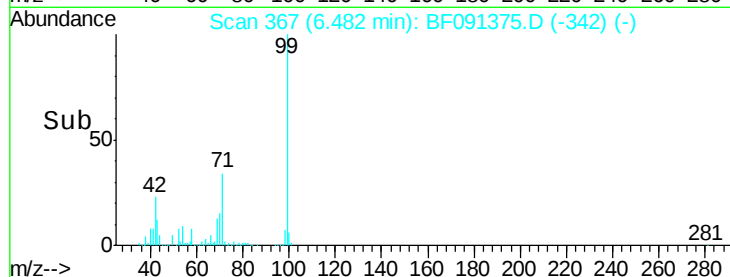
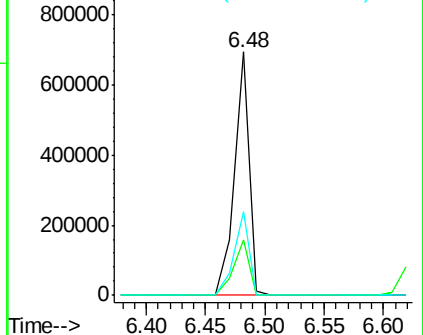
71 34.4 29.9 44.9



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: 8.14 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091375.D

Acq: 1 Dec 2016 16:21

Tgt Ion: 136 Resp: 691076

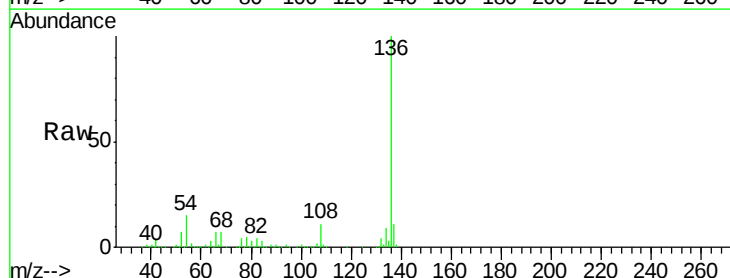
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 14.7 9.1 13.7#

68 6.7 5.9 8.9

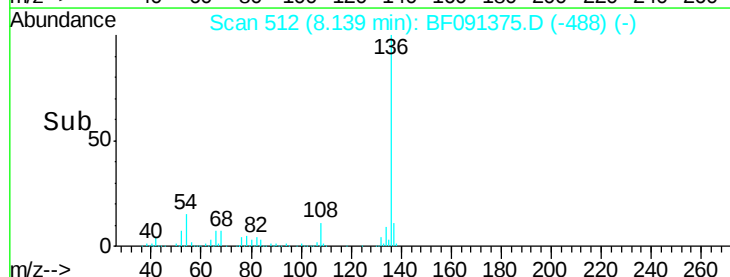
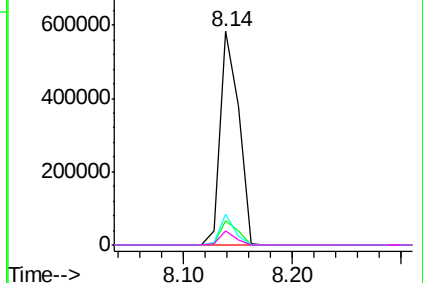


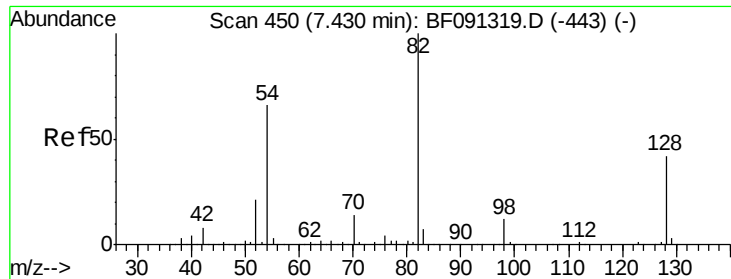
Abundance Ion 136.00 (135.70 to 136.70): E

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

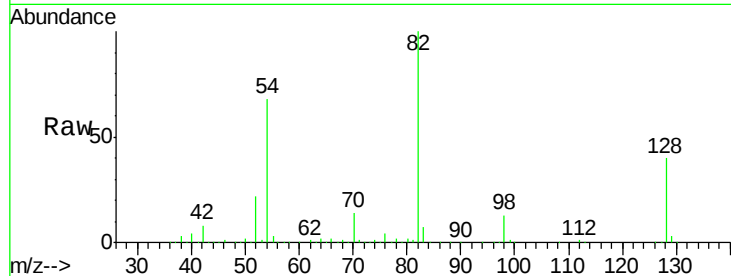




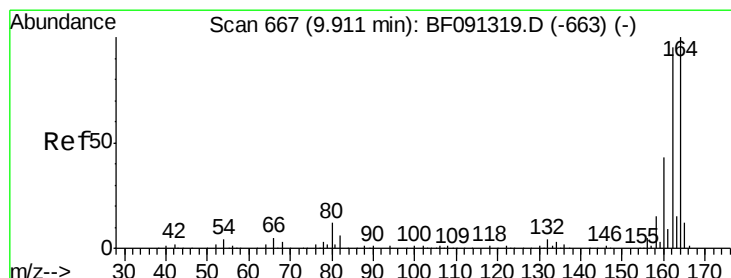
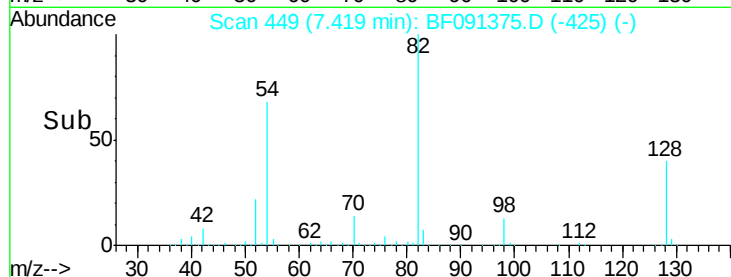
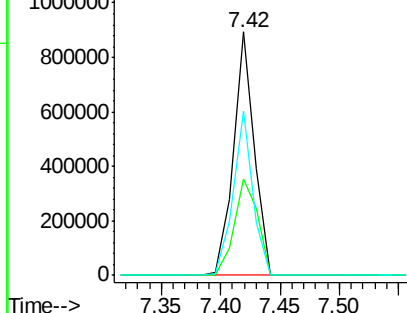
#23
 Nitrobenzene-d5
 Concen: 87.64 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.03 min
 Lab File: BF091375.D
 Acq: 1 Dec 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-112916

Tot Ion: 82 Resp: 1080783
 Ion Ratio Lower Upper
 82 100
 128 39.7 31.8 47.6
 54 67.7 49.1 73.7

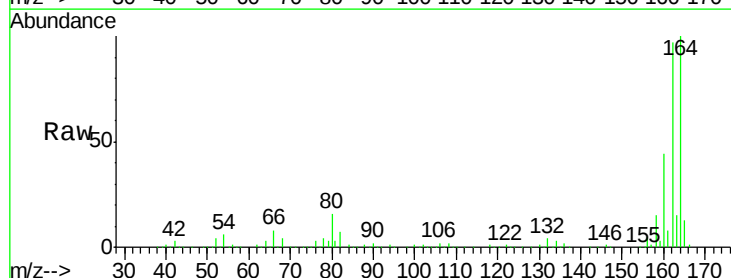


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

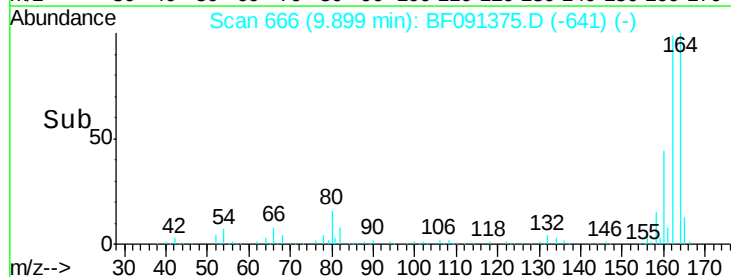
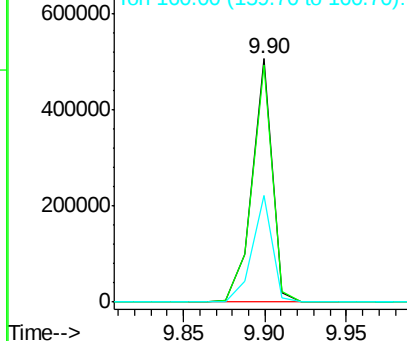


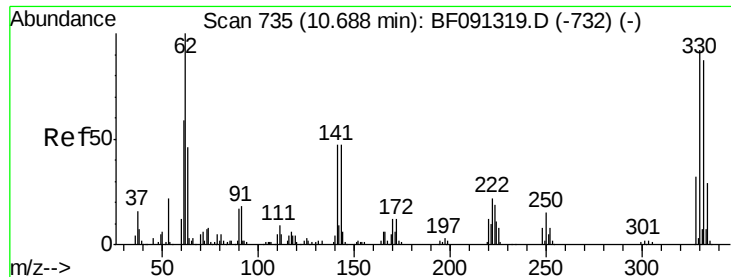
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091375.D
 Acq: 1 Dec 2016 16:21

Tgt Ion: 164 Resp: 432286
 Ion Ratio Lower Upper
 164 100
 162 97.3 82.6 124.0
 160 43.7 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

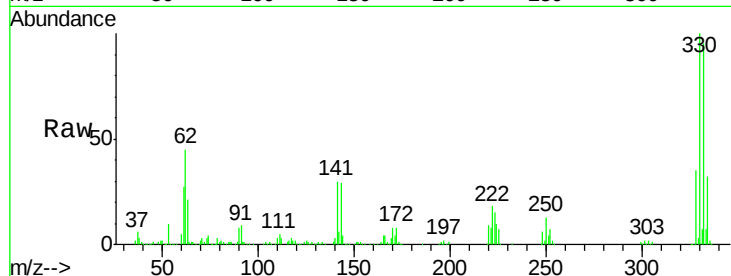




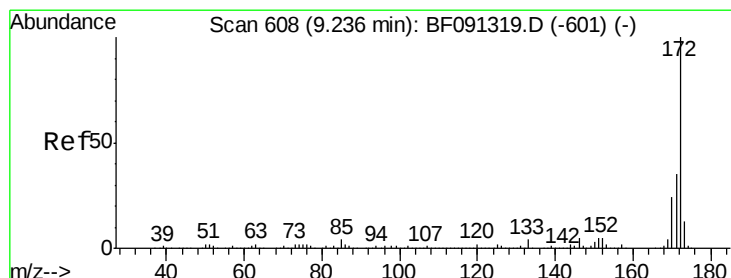
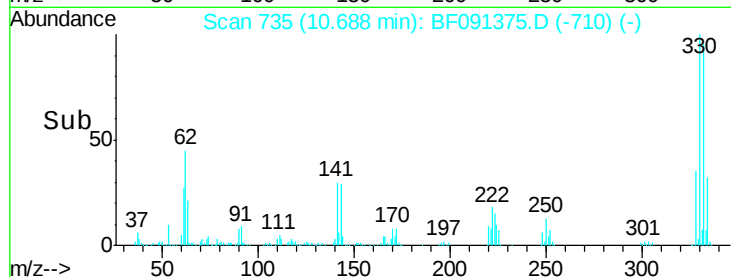
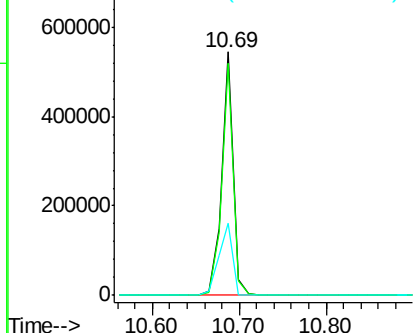
#41
 2,4,6-Tribromophenol
 Concen: 124.91 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091375.D
 Acq: 1 Dec 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-112916

Tot Ion:330 Resp: 511183
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 35.5 33.6 50.4

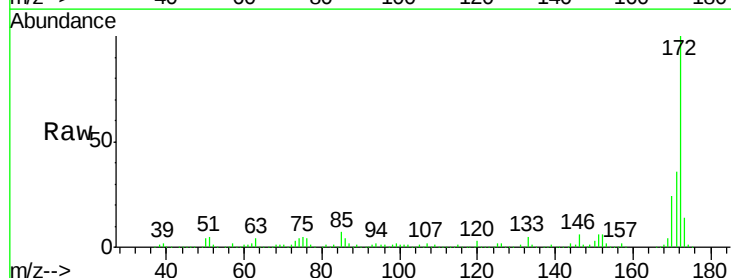


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

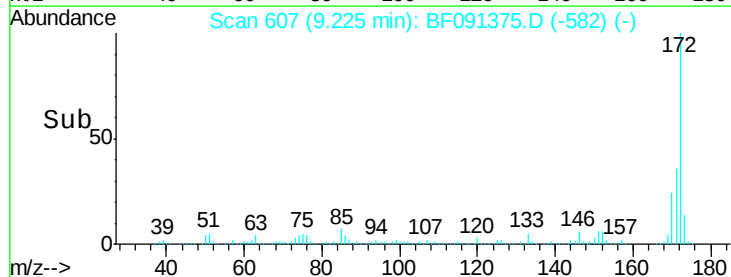
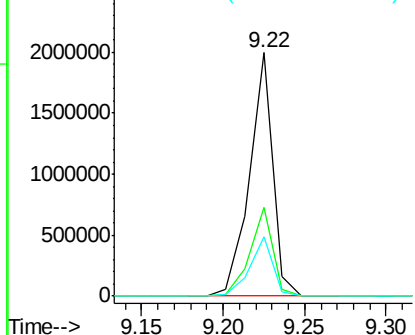


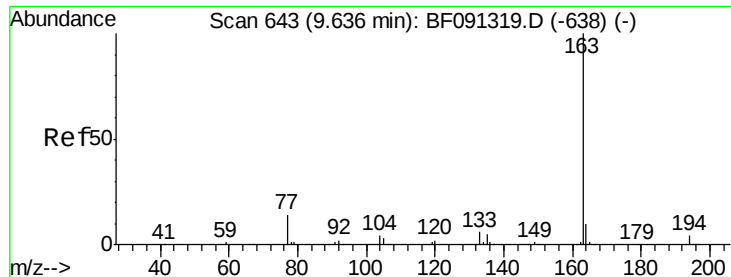
#44
 2-Fluorobiphenyl
 Concen: 82.48 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091375.D
 Acq: 1 Dec 2016 16:21

Tgt Ion:172 Resp: 1969229
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 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

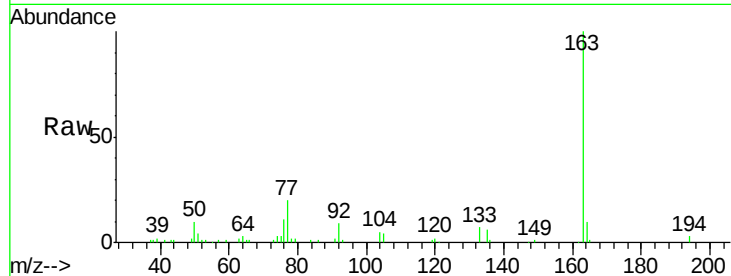




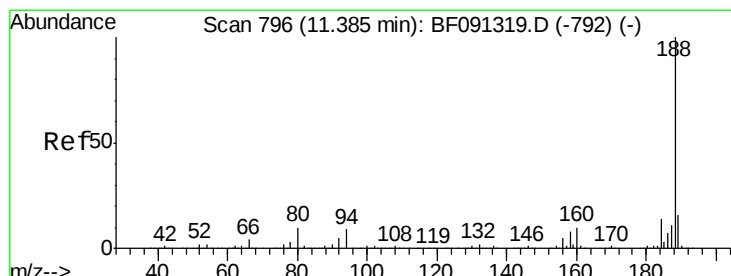
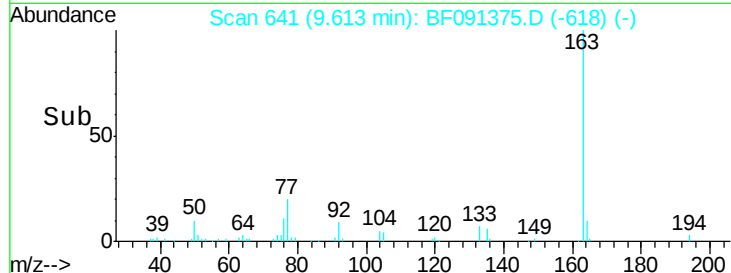
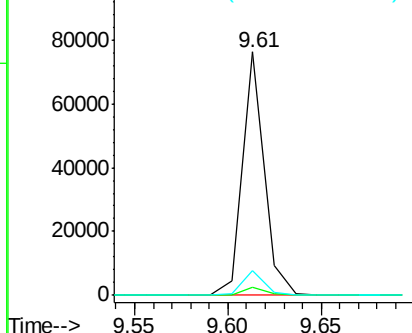
#49
Dimethylphthalate
Concen: 2.38 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091375.D
Acq: 1 Dec 2016 16:21

Instrument :
BNA_F
ClientSampleId :
MW-6-112916

Tot Ion:163 Resp: 62259
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.3 7.8 11.8

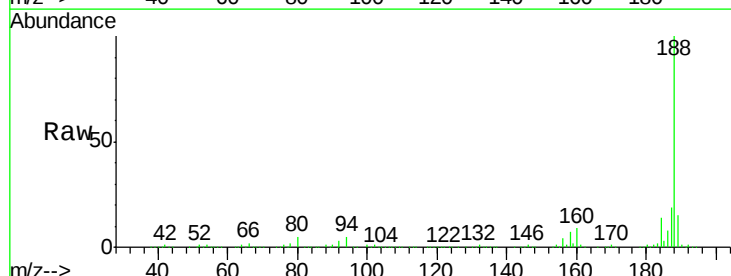


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

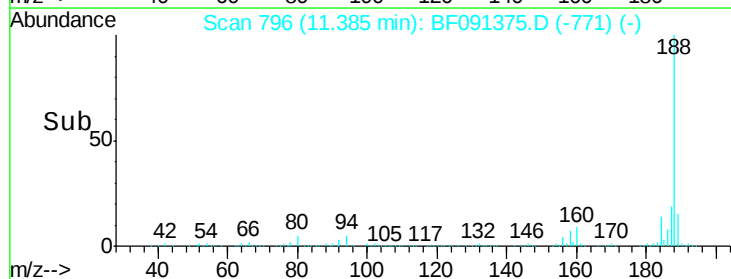
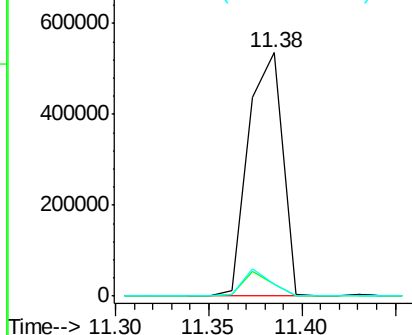


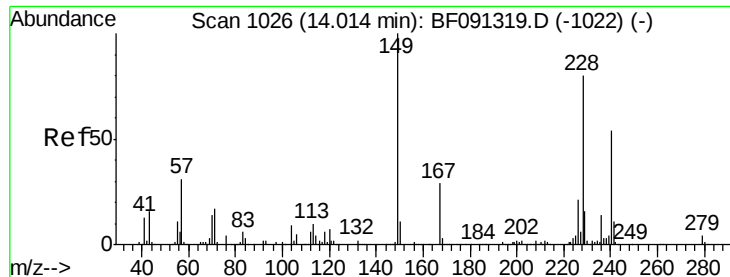
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091375.D
Acq: 1 Dec 2016 16:21

Tgt Ion:188 Resp: 680016
Ion Ratio Lower Upper
188 100
94 4.9 9.2 13.8#
80 5.0 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091375.D

Acq: 1 Dec 2016 16:21

Instrument :

BNA_F

ClientSampleId :

MW-6-112916

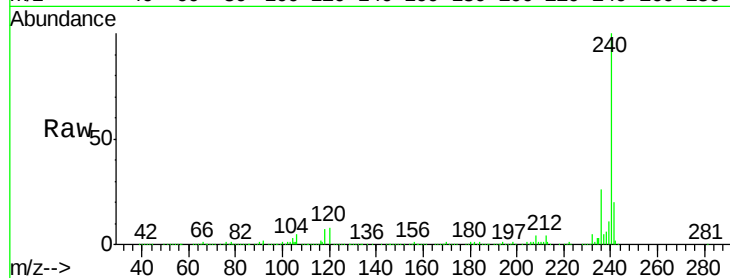
Tot Ion:240 Resp: 542668

Ion Ratio Lower Upper

240 100

120 7.7 12.1 18.1#

236 25.7 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
800000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

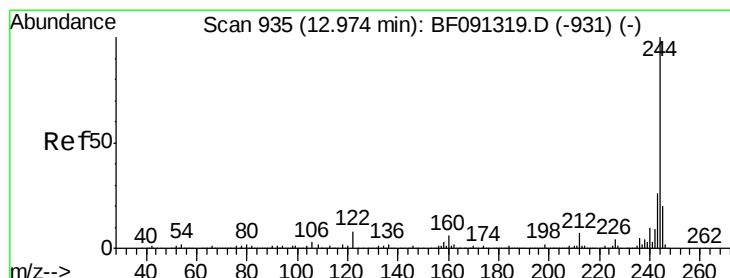
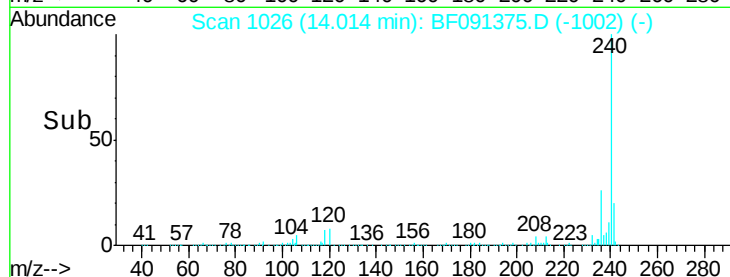
14.01

400000

200000

0

Time--> 13.90 14.00 14.10 14.20



#78

Terphenyl-d14

Concen: 85.88 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091375.D

Acq: 1 Dec 2016 16:21

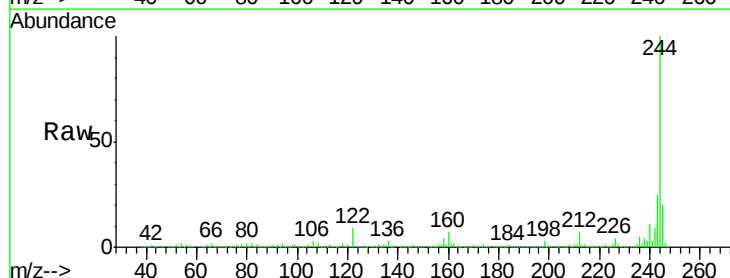
Tgt Ion:244 Resp: 2144319

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 9.4 9.5 14.3#



Abundance Ion 244.00 (243.70 to 244.70): E
2500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

12.97

2000000

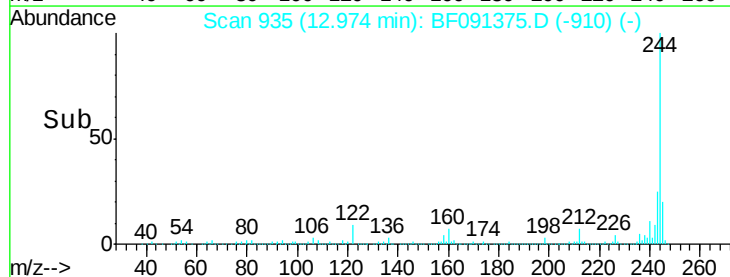
1500000

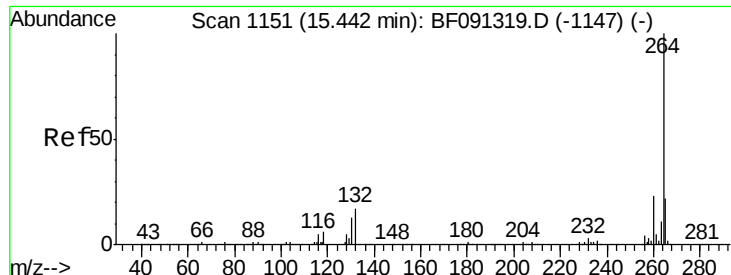
1000000

500000

0

Time--> 12.90 13.00 13.10





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091375.D
 Acq: 1 Dec 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-112916

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	21.3	17.0	25.6

