

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091513.D
 Acq On : 8 Dec 2016 20:12
 Operator : UM/SJ
 Sample : H5886-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 09 00:36:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 00:14:41 2016
 Response via : Initial Calibration

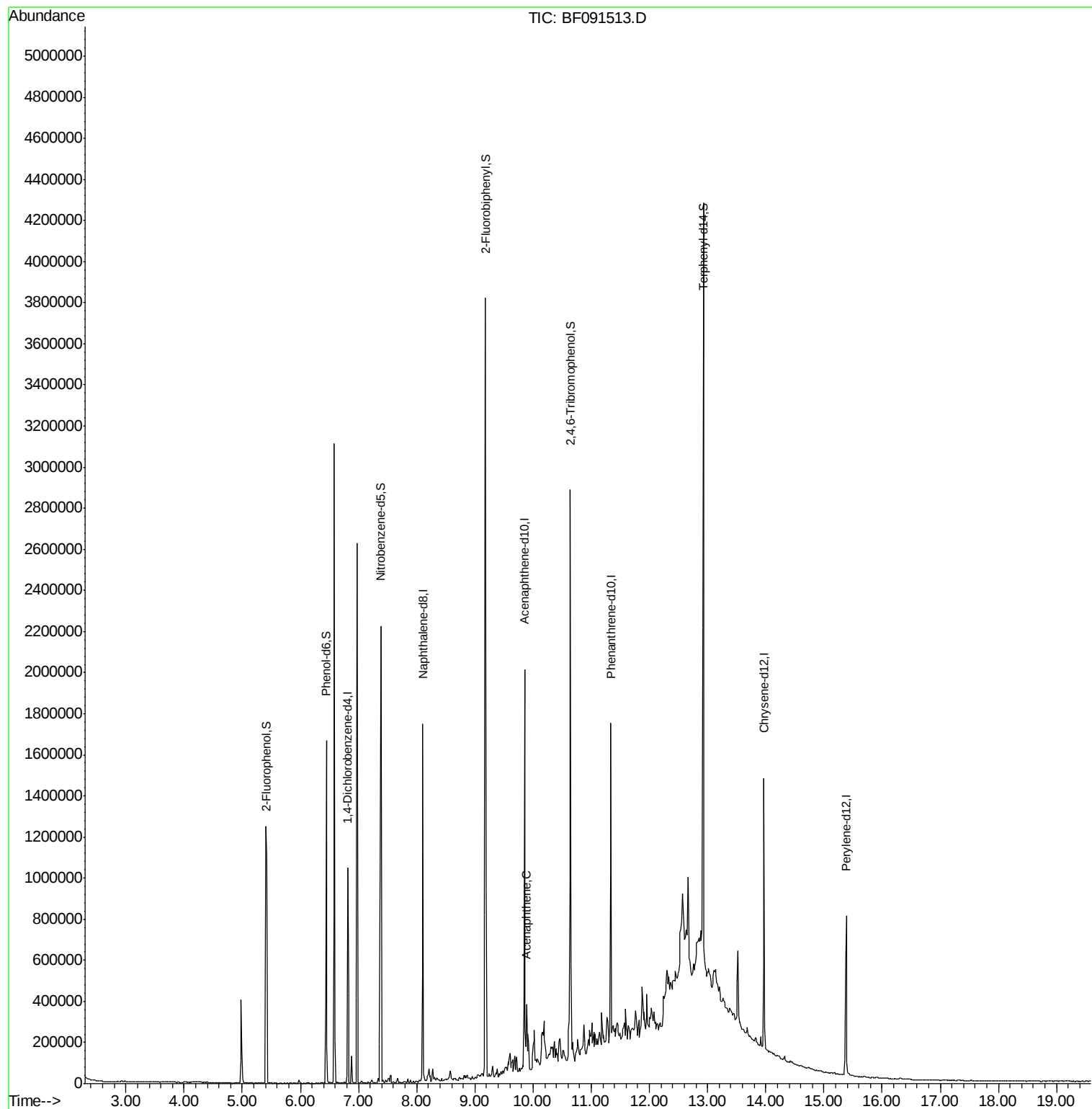
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	165937	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	760105	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	413716	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	708021	20.00	ng	0.00
75) Chrysene-d12	13.97	240	486153	20.00	ng	0.00
86) Perylene-d12	15.39	264	408385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	438784	43.20	ng	0.01
7) Phenol-d6	6.45	99	462800	37.01	ng	-0.01
23) Nitrobenzene-d5	7.38	82	778705	57.41	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	337481	86.16	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1291652	56.53	ng	-0.01
78) Terphenyl-d14	12.93	244	1302598	58.24	ng	0.00
Target Compounds						
51) Acenaphthene	9.89	154	48724m	2.07	ng	Qvalue

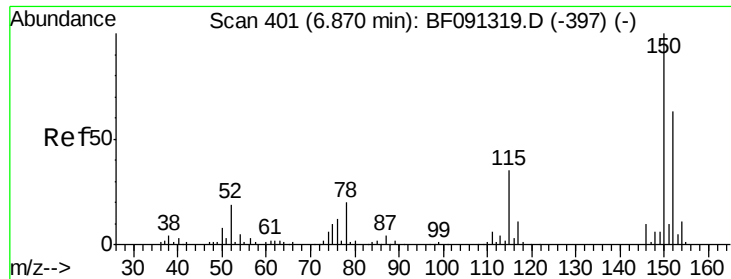
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

Instrument :

BNA_F

ClientSampleId :

MW-1

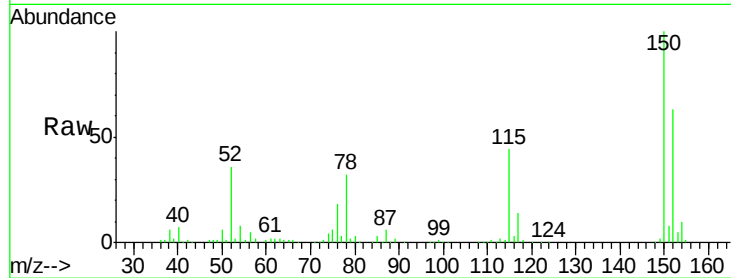
Tgt Ion:152 Resp: 165937

Ion Ratio Lower Upper

152 100

150 159.3 122.5 183.7

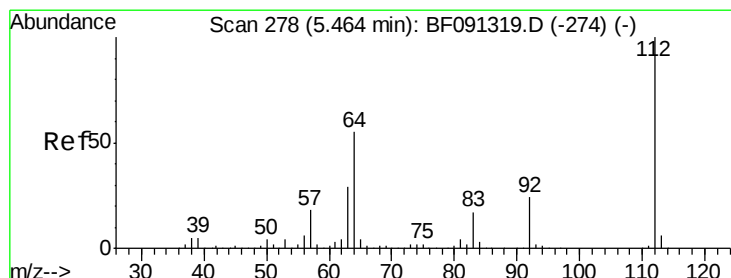
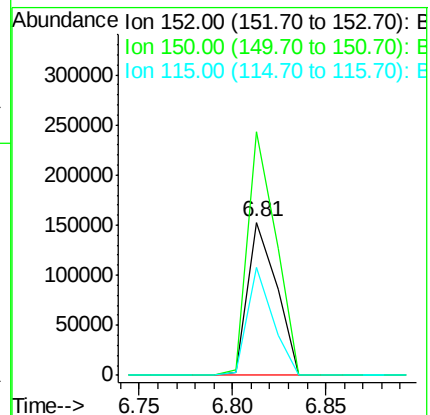
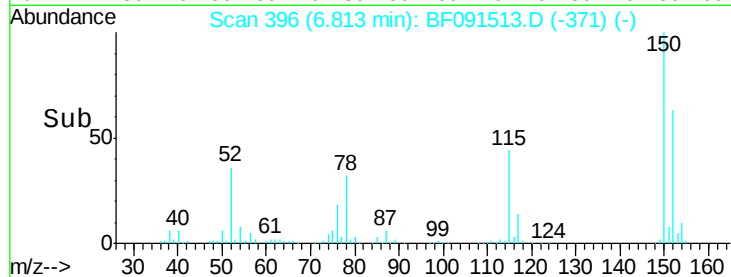
115 70.6 51.8 77.8



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: 43.20 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

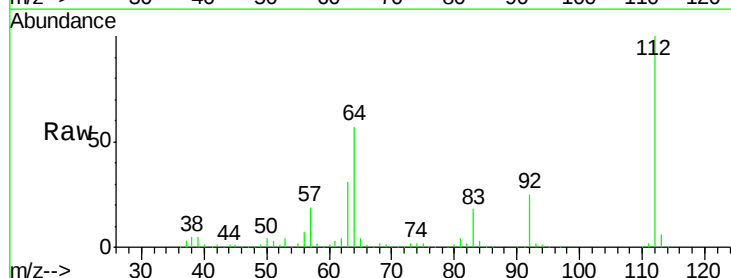
Tgt Ion:112 Resp: 438784

Ion Ratio Lower Upper

112 100

64 57.2 61.5 92.3#

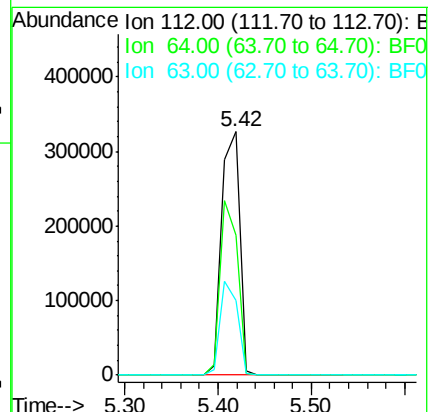
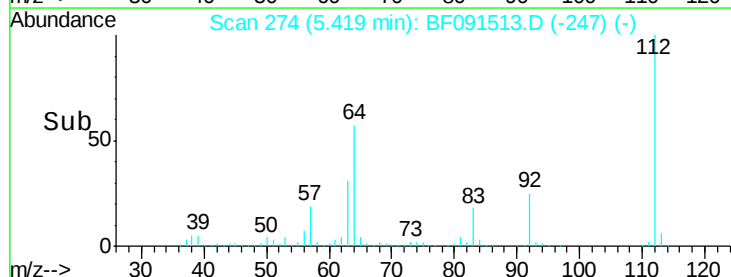
63 30.7 33.3 49.9#

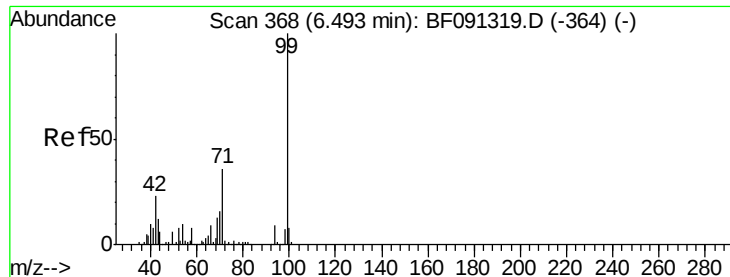


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.01 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

Instrument :

BNA_F

ClientSampleId :

MW-1

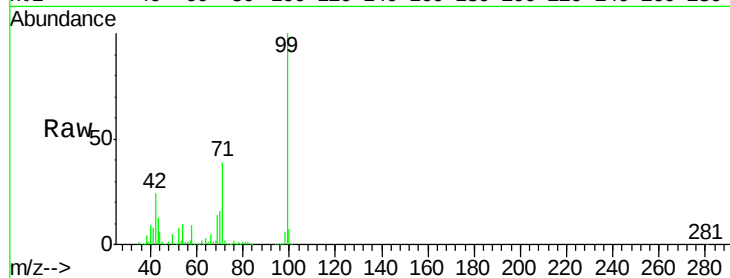
Tgt Ion: 99 Resp: 462800

Ion Ratio Lower Upper

99 100

42 23.9 20.6 31.0

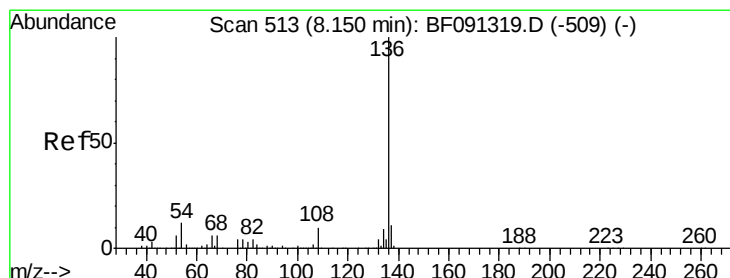
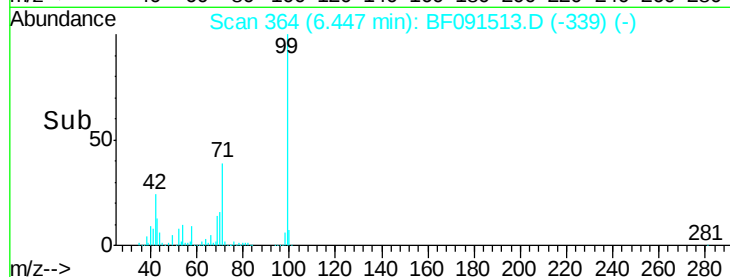
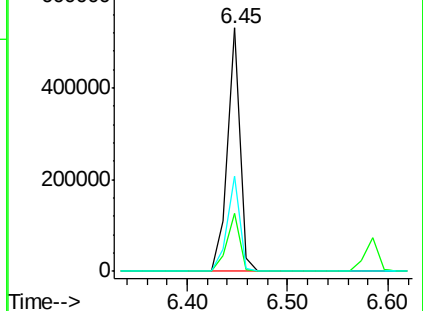
71 39.2 29.9 44.9



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: 8.10 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

Tgt Ion: 136 Resp: 760105

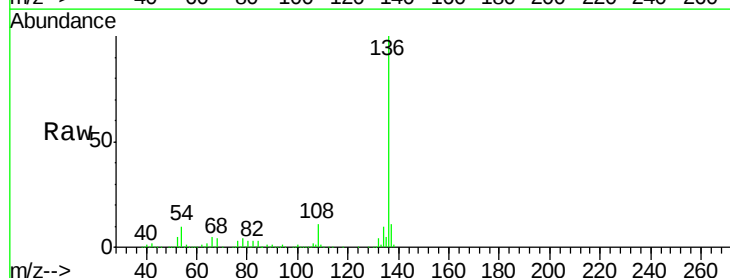
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.5 9.1 13.7

68 4.3 5.9 8.9#

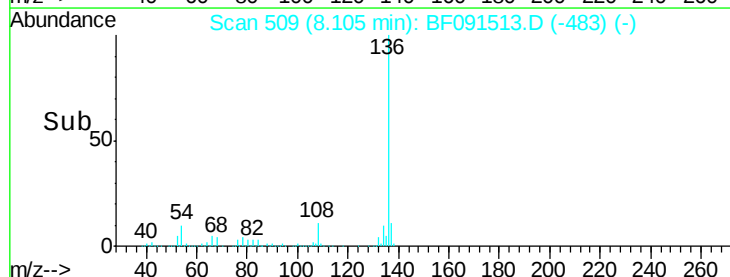
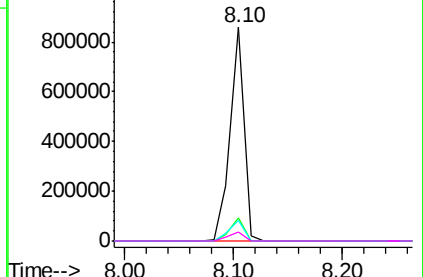


Abundance Ion 136.00 (135.70 to 136.70): E

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

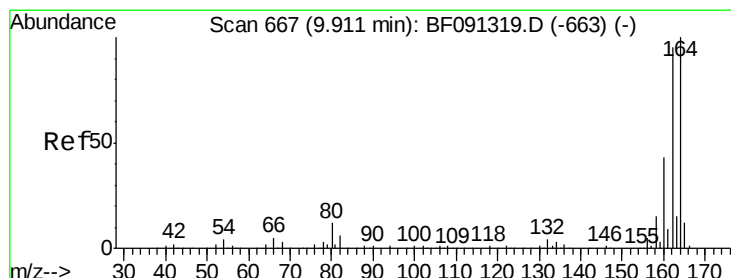
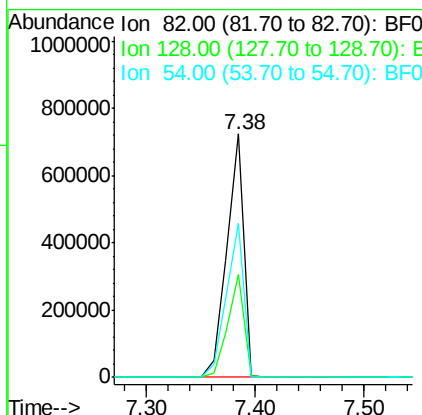
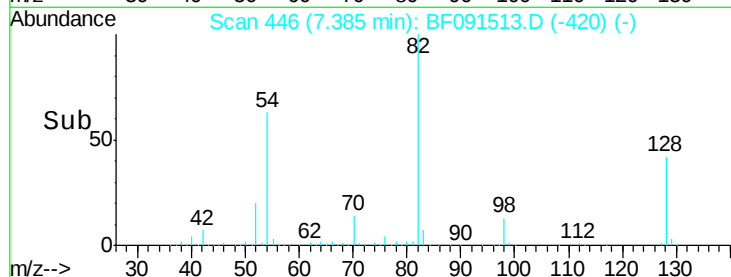
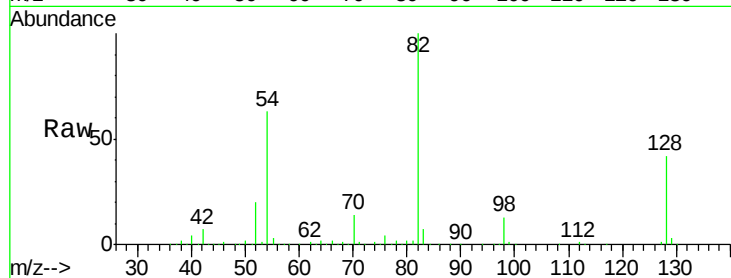




#23
 Nitrobenzene-d5
 Concen: 57.41 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF091513.D
 Acq: 8 Dec 2016 20:12

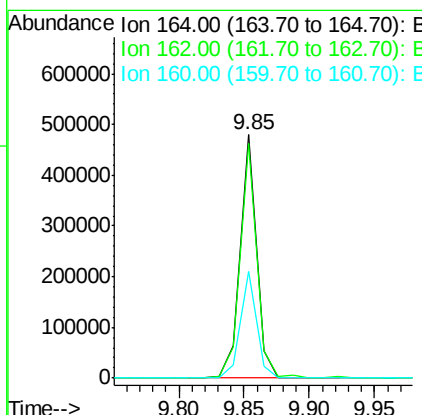
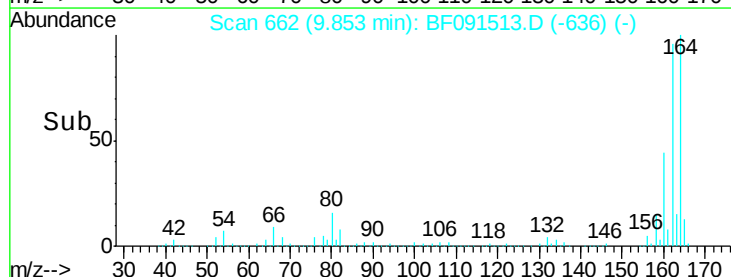
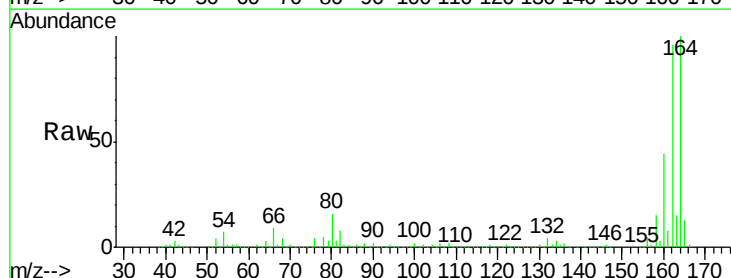
Instrument :
 BNA_F
 ClientSampled :
 MW-1

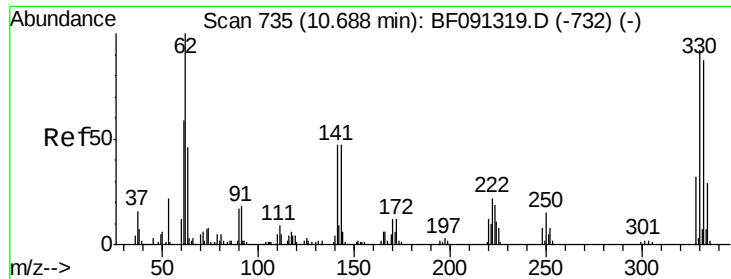
Tgt Ion: 82 Resp: 778705
 Ion Ratio Lower Upper
 82 100
 128 42.0 31.8 47.6
 54 63.0 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091513.D
 Acq: 8 Dec 2016 20:12

Tgt Ion: 164 Resp: 413716
 Ion Ratio Lower Upper
 164 100
 162 96.2 82.6 124.0
 160 43.7 36.7 55.1

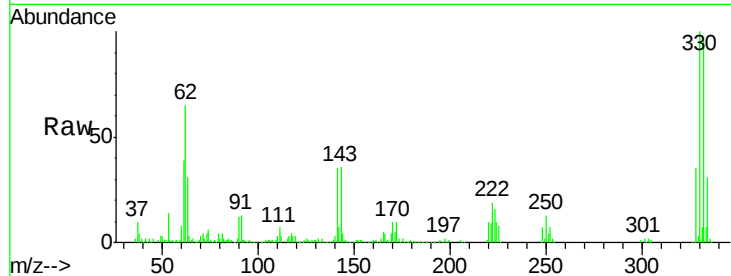




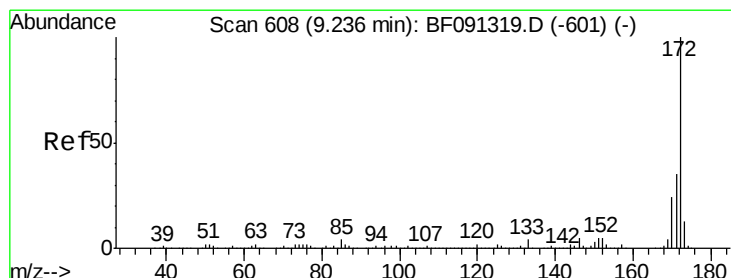
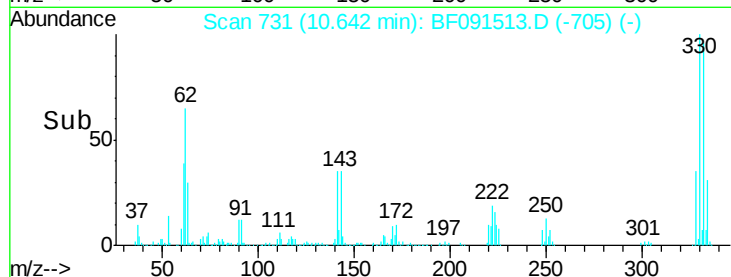
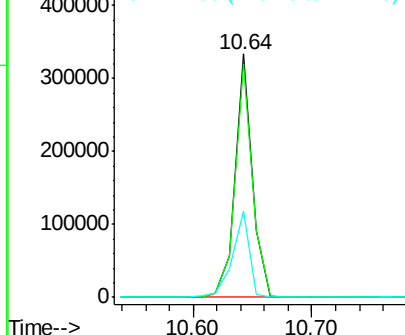
#41
 2,4,6-Tribromophenol
 Concen: 86.16 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF091513.D
 Acq: 8 Dec 2016 20:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:330 Resp: 337481
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.2 114.4
 141 34.8 33.6 50.4

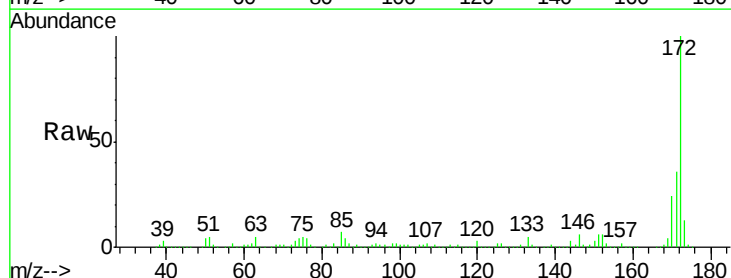


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

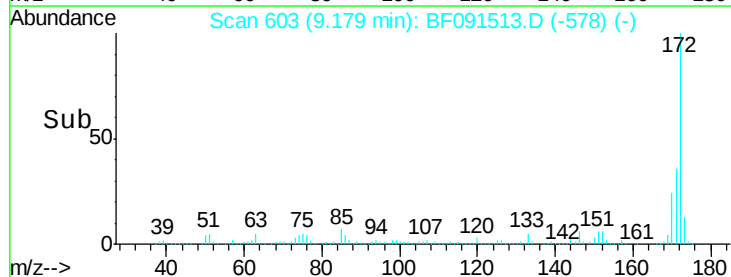
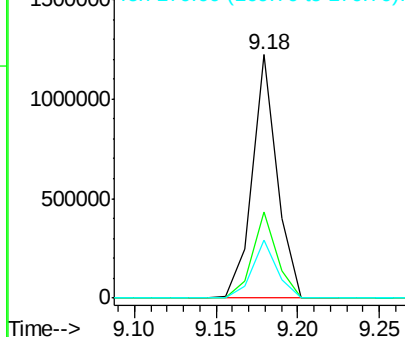


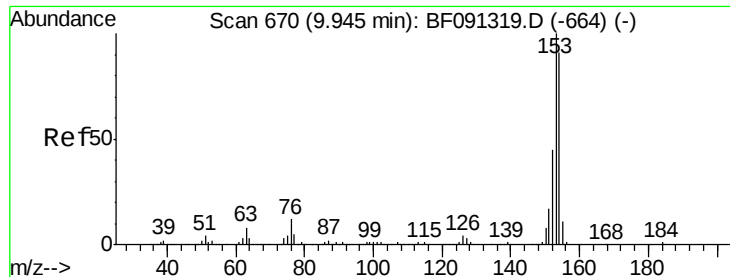
#44
 2-Fluorobiphenyl
 Concen: 56.53 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091513.D
 Acq: 8 Dec 2016 20:12

Tgt Ion:172 Resp: 1291652
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 23.8 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





#51

Acenaphthene

Concen: 2.07 ng m

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

Instrument :

BNA_F

ClientSampleId :

MW-1

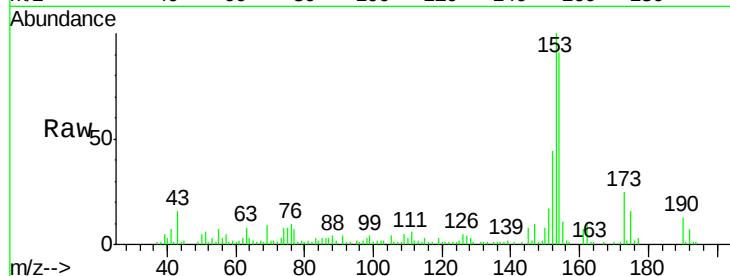
Tgt Ion:154 Resp: 48724

Ion Ratio Lower Upper

154 100

153 109.8 91.0 136.6

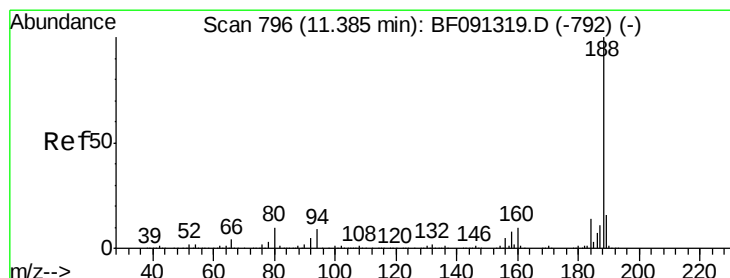
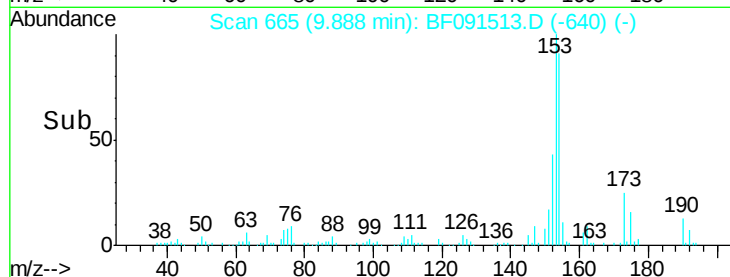
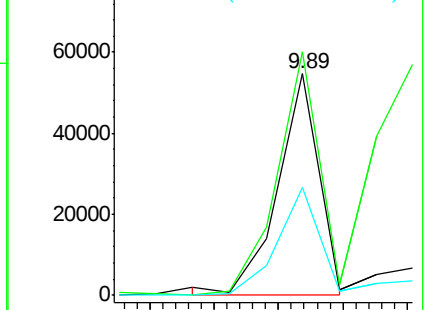
152 48.8 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

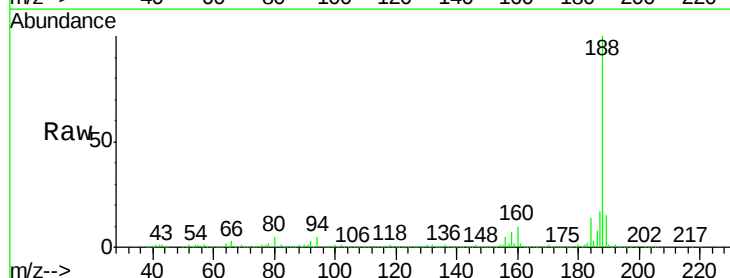
Tgt Ion:188 Resp: 708021

Ion Ratio Lower Upper

188 100

94 5.1 9.2 13.8#

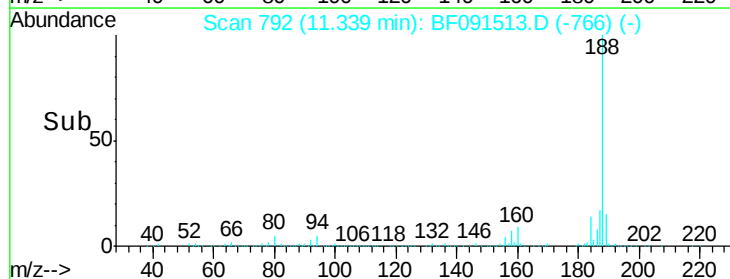
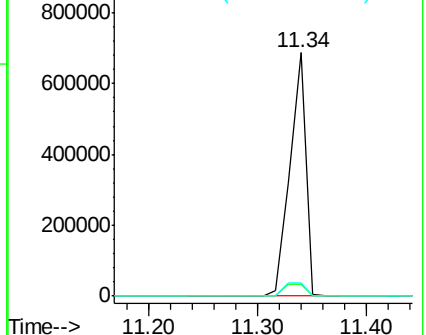
80 5.3 10.5 15.7#

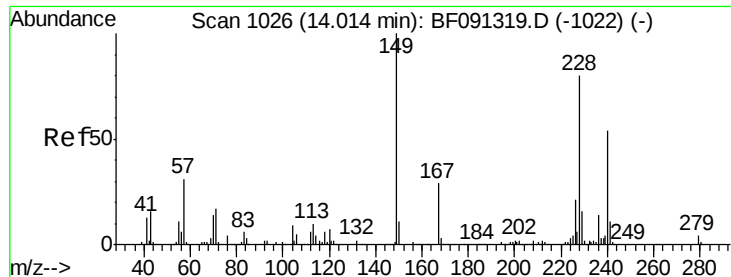


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

Instrument :

BNA_F

ClientSampleId :

MW-1

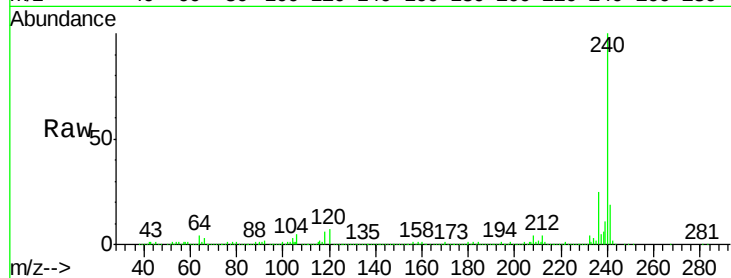
Tgt Ion:240 Resp: 486153

Ion Ratio Lower Upper

240 100

120 7.2 12.1 18.1#

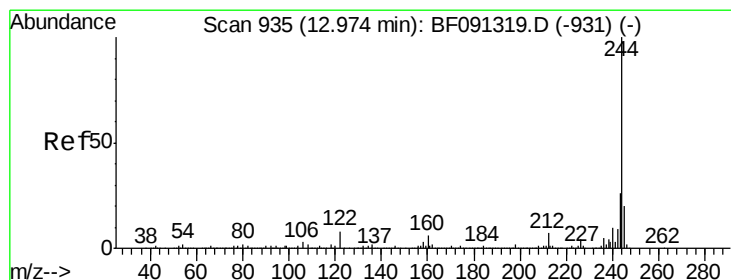
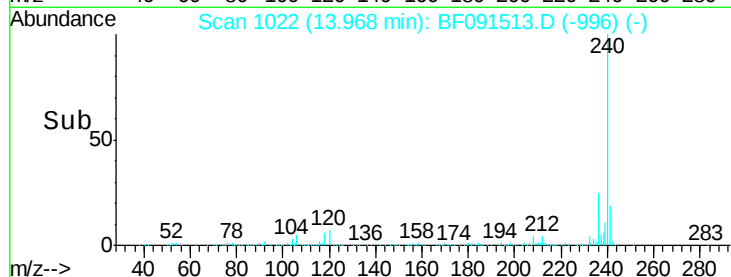
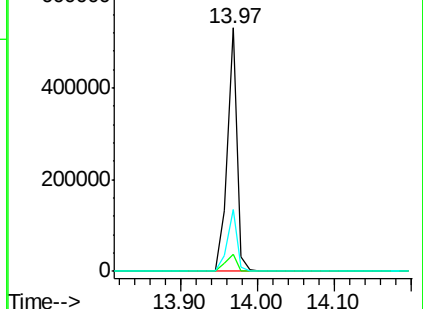
236 25.5 21.0 31.6



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



#78

Terphenyl-d14

Concen: 58.24 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

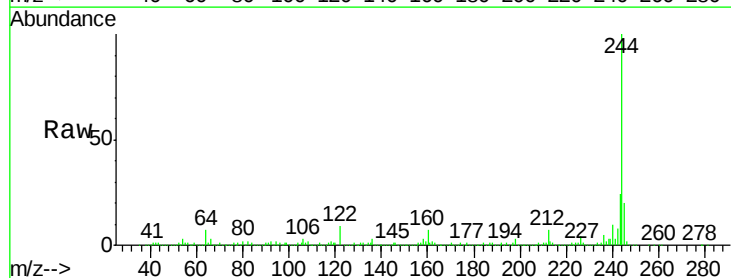
Tgt Ion:244 Resp: 1302598

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

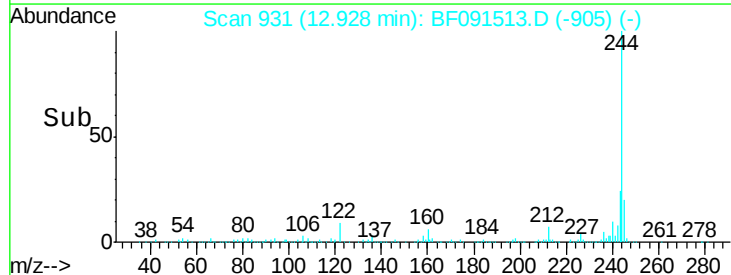
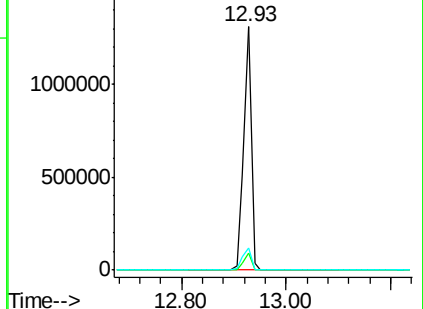
122 9.3 9.5 14.3#

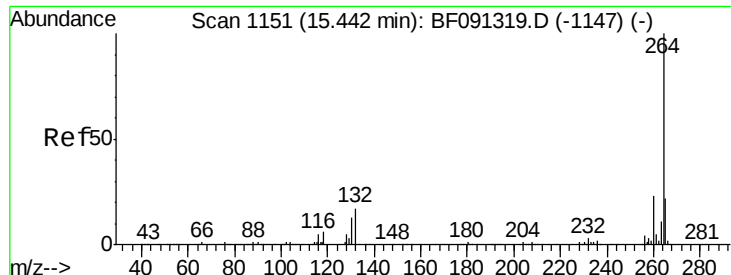


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 408385
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.7 17.0 25.6

