

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091428.D
 Acq On : 5 Dec 2016 20:00
 Operator : UM/SJ
 Sample : H5838-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-115

Quant Time: Dec 06 00:39:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142258	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	518606	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	352019	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	561481	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	457965	20.00	ng	0.00
86) Perylene-d12	15.42	264	334104	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	526388	60.45	ng	0.00
7) Phenol-d6	6.47	99	382382	35.67	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1022023	110.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	475208	142.59	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1703603	87.63	ng	0.00
78) Terphenyl-d14	12.96	244	1954436	92.76	ng	0.00

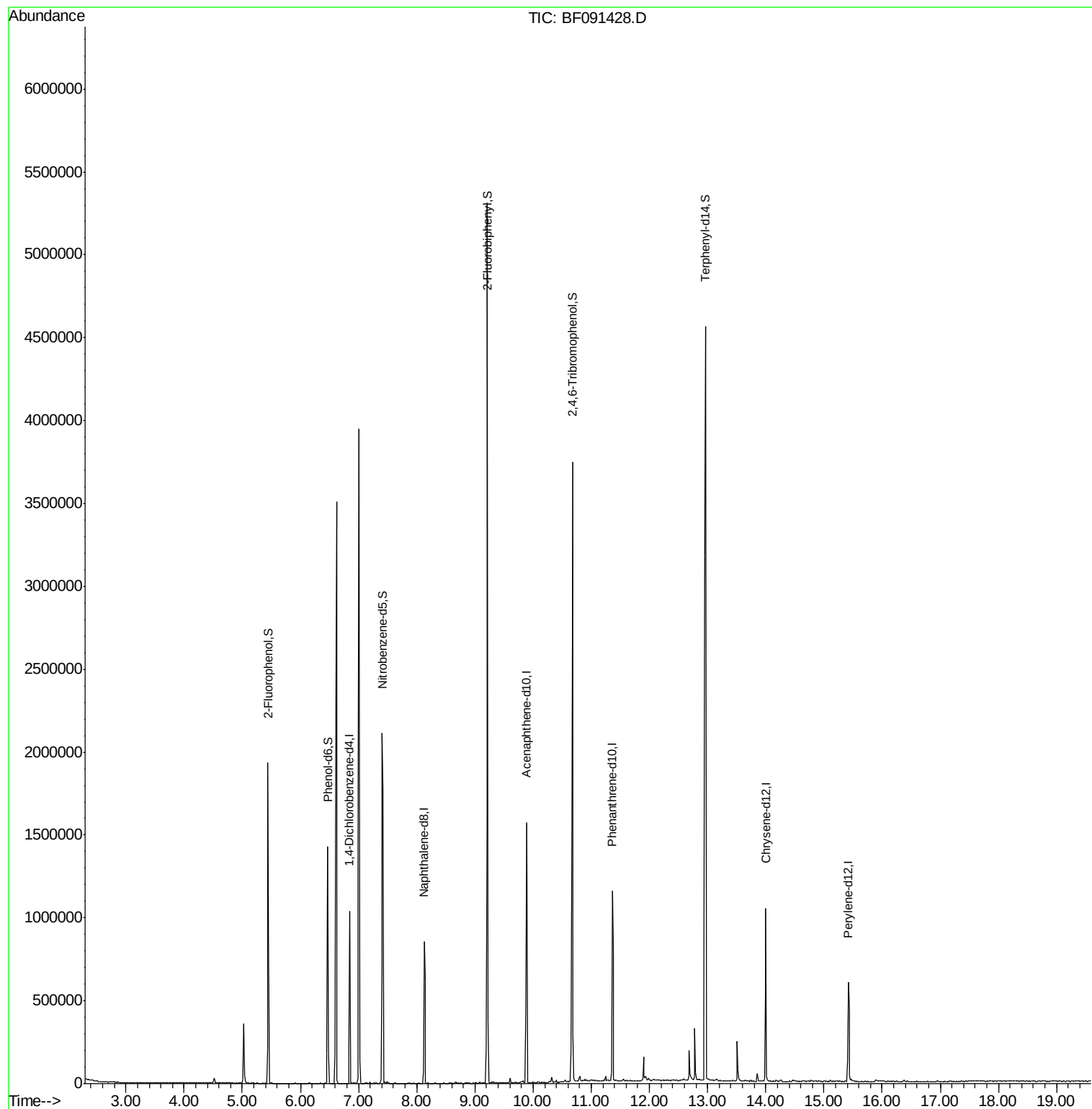
Target Compounds Qvalue

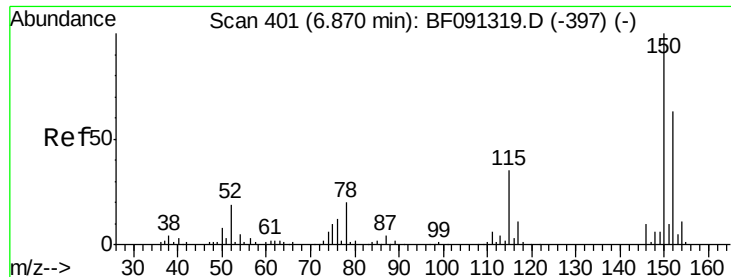
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

MW-115

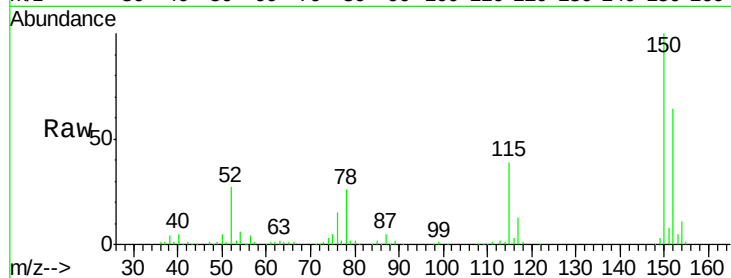
Tot Ion:152 Resp: 142258

Ion Ratio Lower Upper

152 100

150 155.2 122.5 183.7

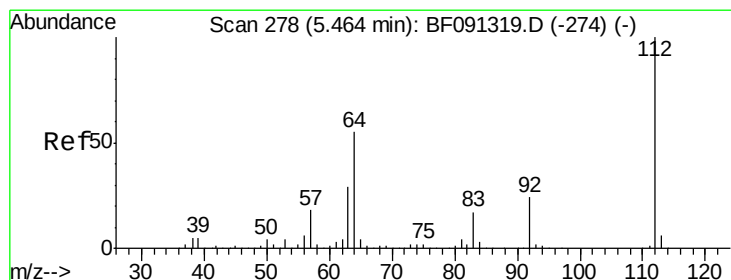
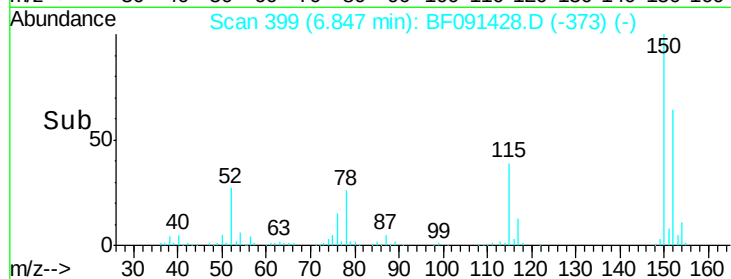
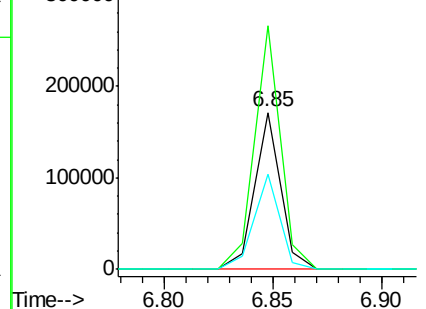
115 60.9 51.8 77.8



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: 60.45 ng

RT: 5.44 min Scan# 276

Delta R.T. 0.00 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

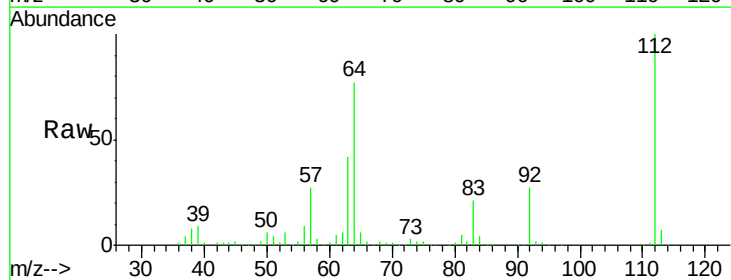
Tgt Ion:112 Resp: 526388

Ion Ratio Lower Upper

112 100

64 77.4 61.5 92.3

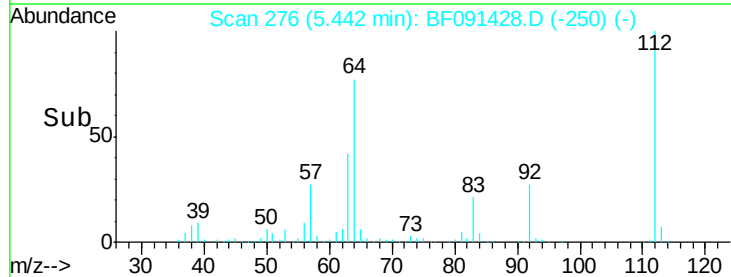
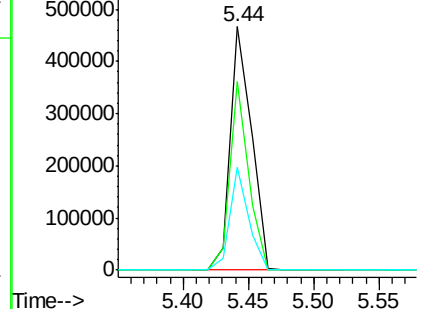
63 42.0 33.3 49.9

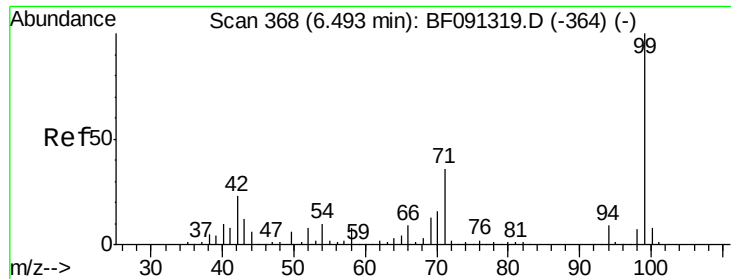


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.67 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

MW-115

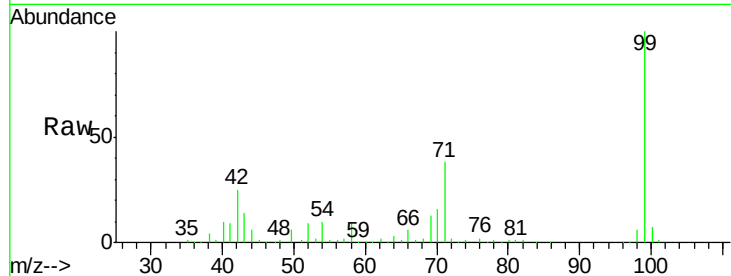
Tot Ion: 99 Resp: 382382

Ion Ratio Lower Upper

99 100

42 25.2 20.6 31.0

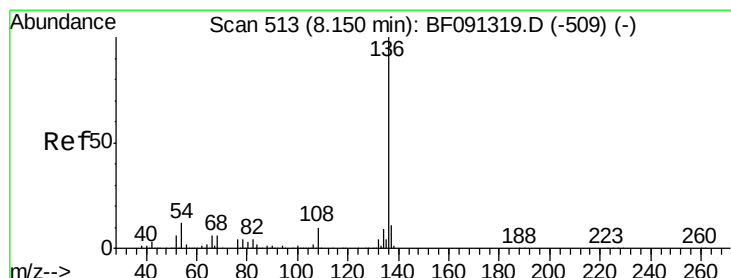
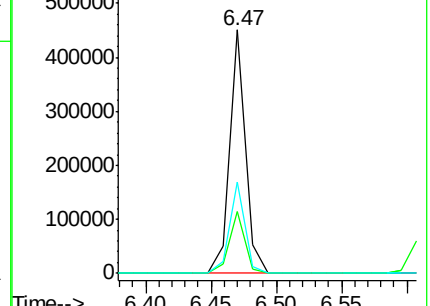
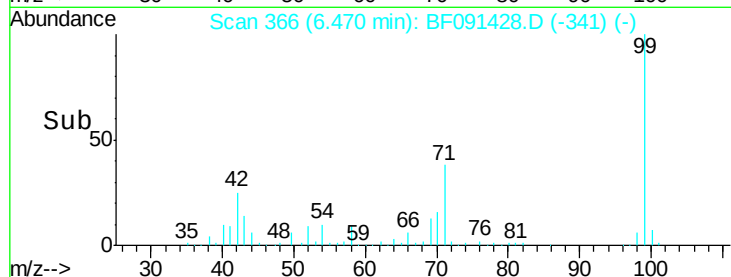
71 37.5 29.9 44.9



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: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

Tgt Ion: 136 Resp: 518606

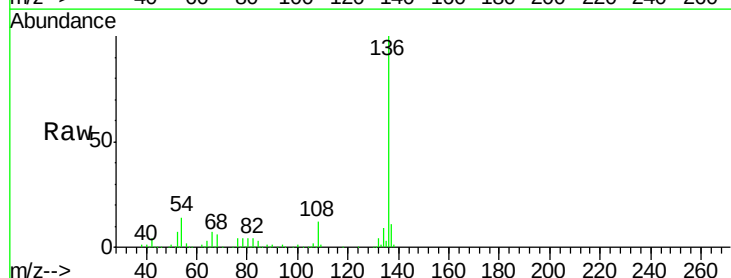
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 14.0 9.1 13.7#

68 6.0 5.9 8.9

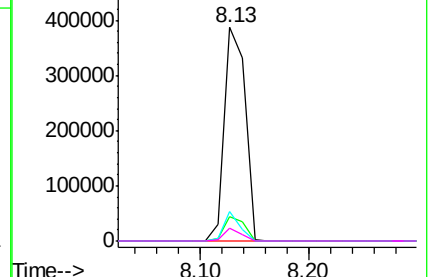
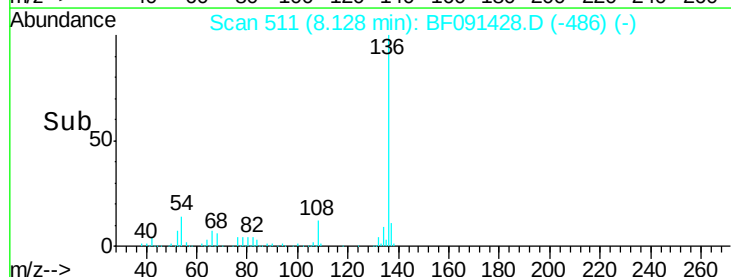


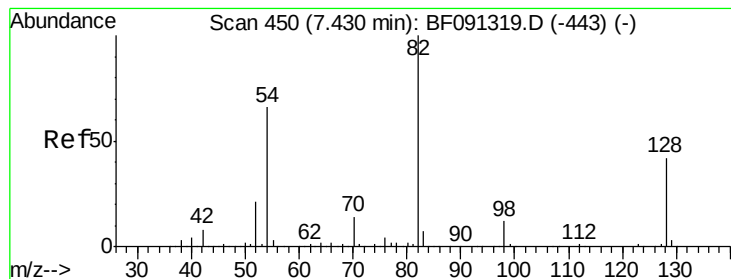
Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.44 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

MW-115

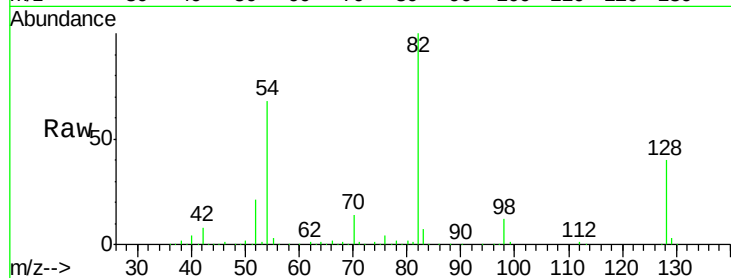
Tot Ion: 82 Resp: 1022023

Ion Ratio Lower Upper

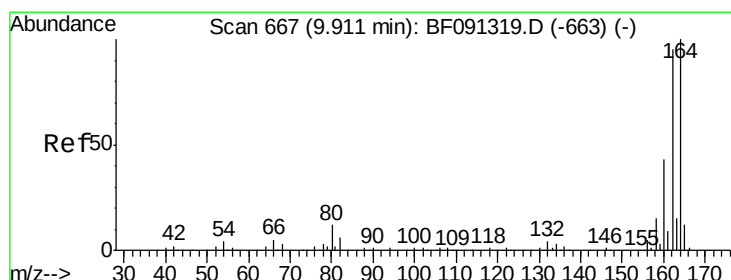
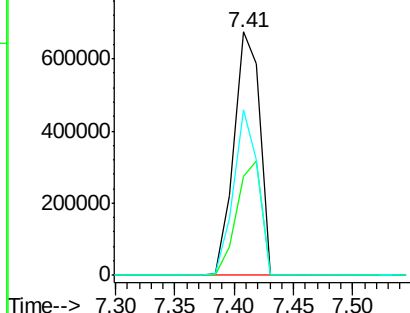
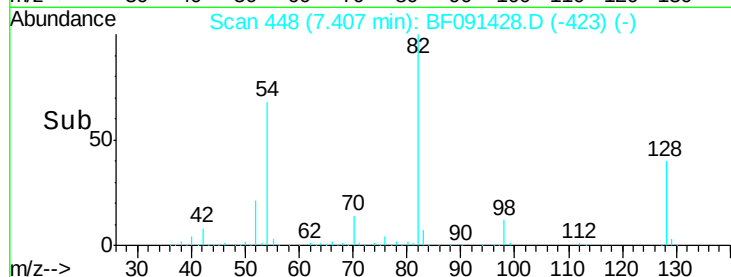
82 100

128 40.4 31.8 47.6

54 67.9 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: 9.89 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

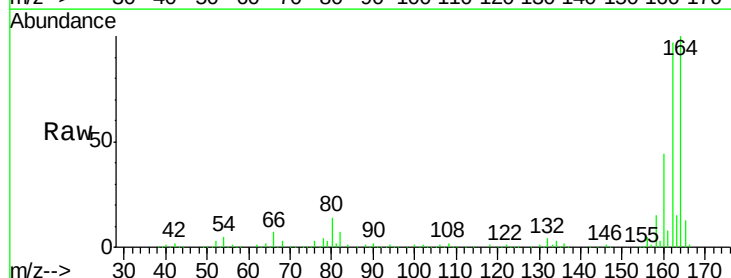
Tgt Ion: 164 Resp: 352019

Ion Ratio Lower Upper

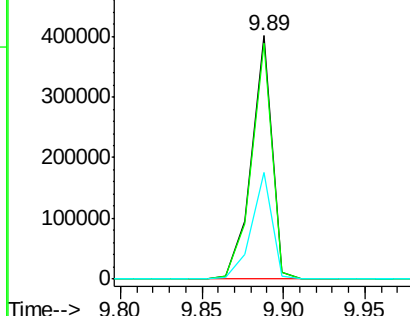
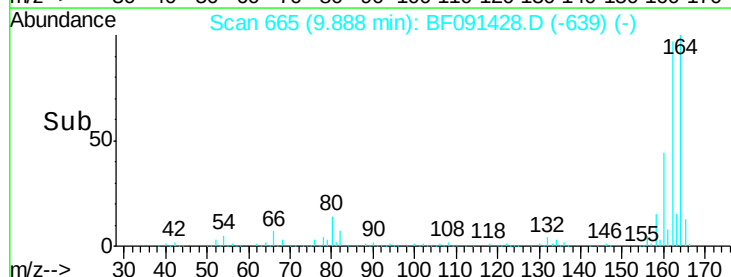
164 100

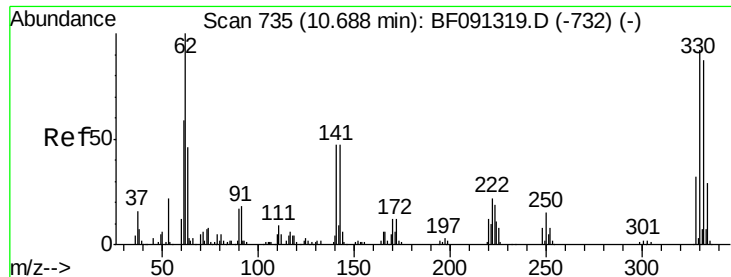
162 96.7 82.6 124.0

160 43.6 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

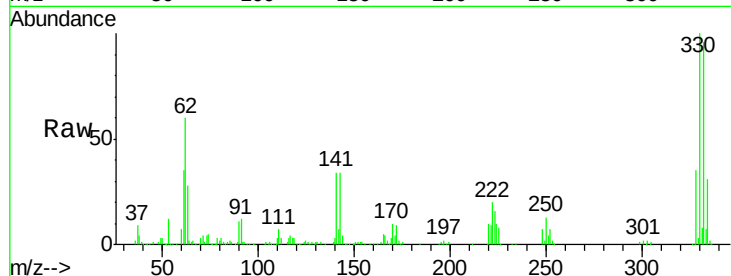




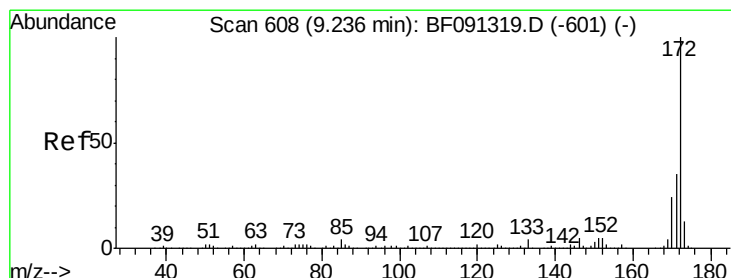
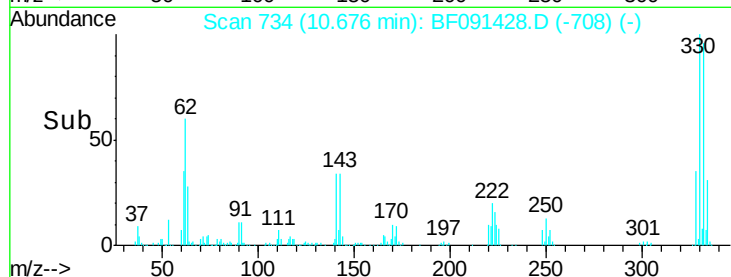
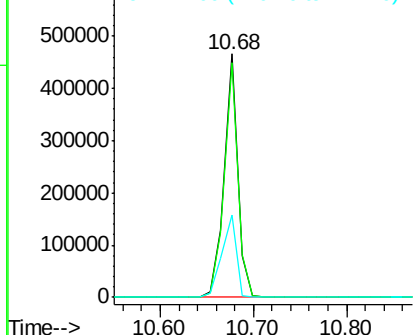
#41
 2,4,6-Tribromophenol
 Concen: 142.59 ng
 RT: 10.68 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF091428.D
 Acq: 5 Dec 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-115

Tot Ion:330 Resp: 475208
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 35.3 33.6 50.4

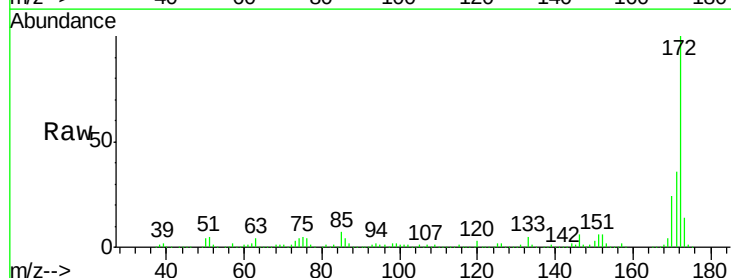


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

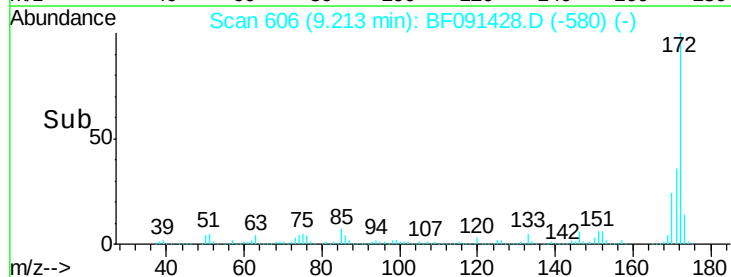
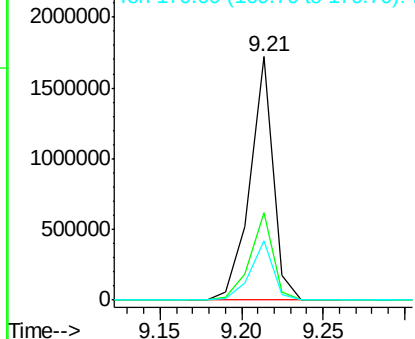


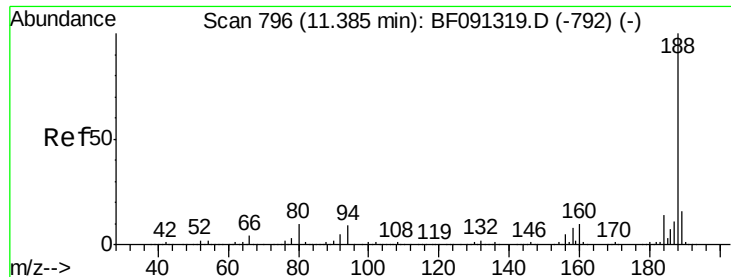
#44
 2-Fluorobiphenyl
 Concen: 87.63 ng
 RT: 9.21 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF091428.D
 Acq: 5 Dec 2016 20:00

Tgt Ion:172 Resp: 1703603
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

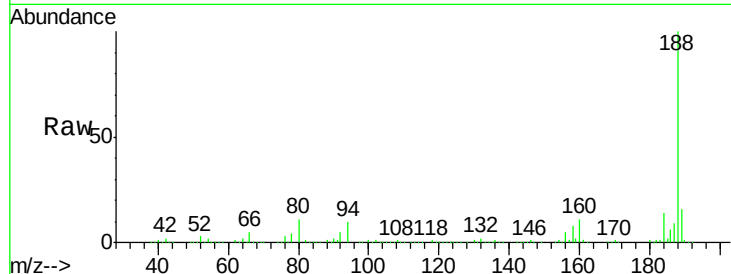




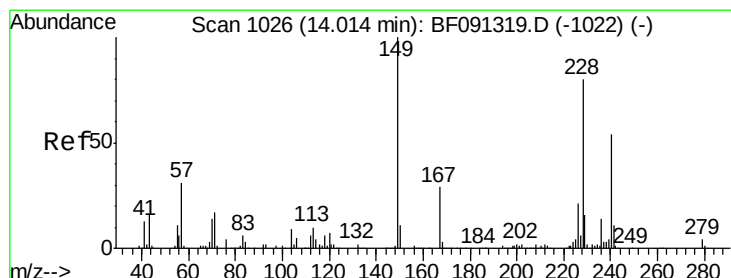
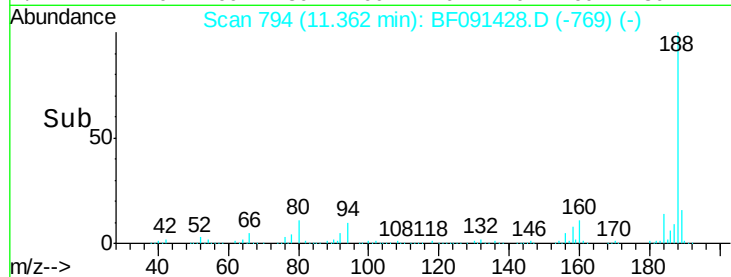
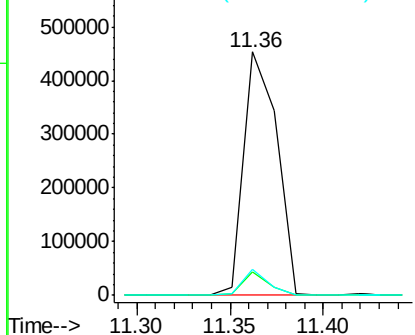
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF091428.D
 Acq: 5 Dec 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-115

Tot Ion:188 Resp: 561481
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.2 13.8
 80 10.7 10.5 15.7

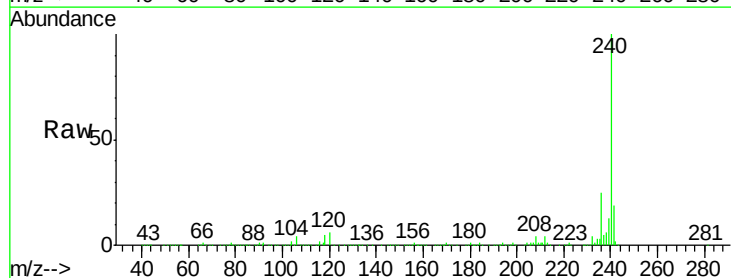


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

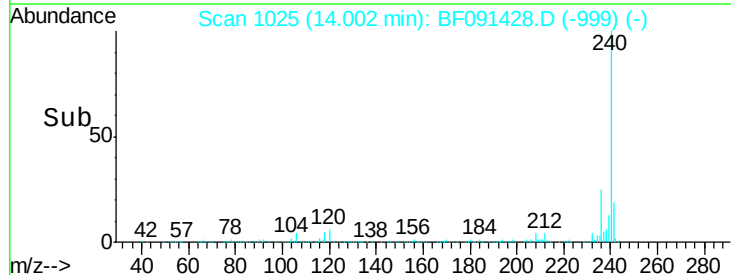
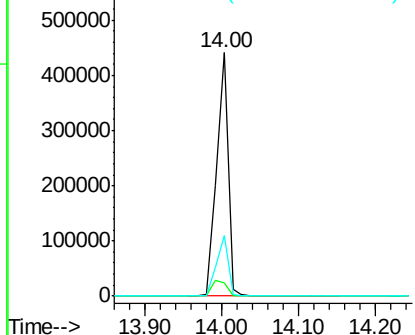


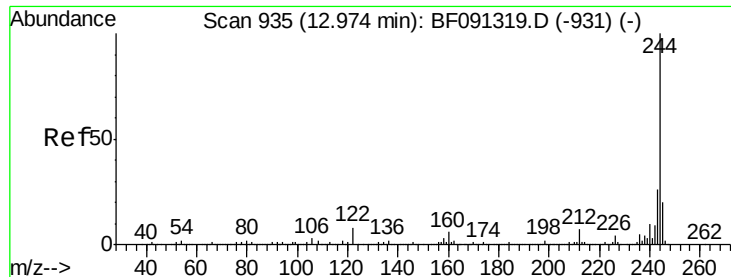
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF091428.D
 Acq: 5 Dec 2016 20:00

Tgt Ion:240 Resp: 457965
 Ion Ratio Lower Upper
 240 100
 120 5.7 12.1 18.1#
 236 24.9 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: 92.76 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

Instrument :

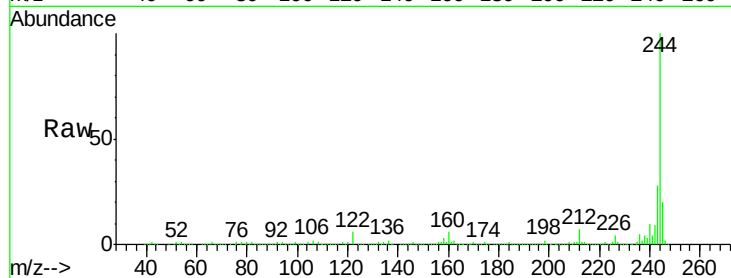
BNA_F

ClientSampleId :

MW-115

Tot Ion:244 Resp: 1954436

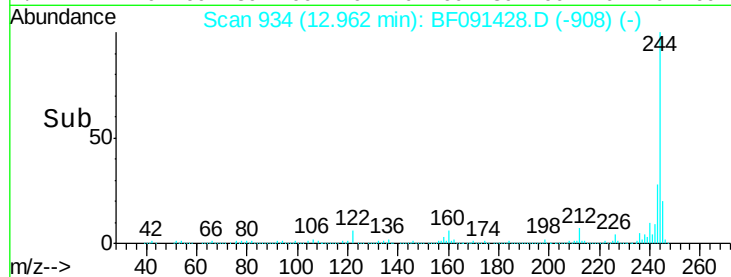
Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	6.5	9.5	14.3#



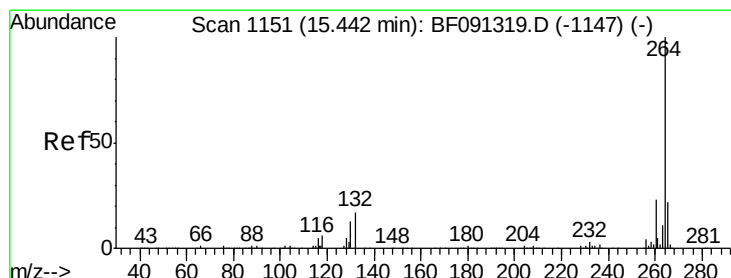
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.42 min Scan# 1149

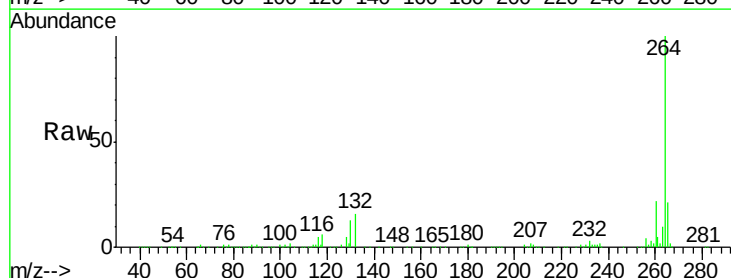
Delta R.T. -0.01 min

Lab File: BF091428.D

Acq: 5 Dec 2016 20:00

Tgt Ion:264 Resp: 334104

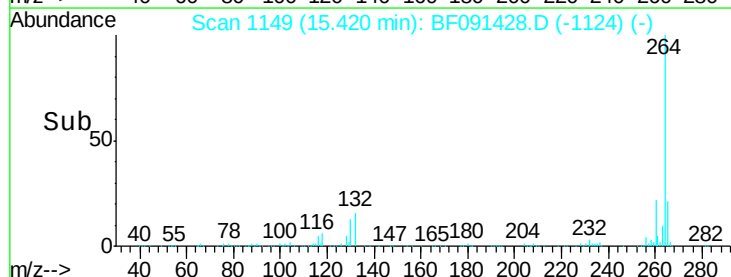
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.8	28.2
265	21.0	17.0	25.6



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



Time-->