

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092119.D
 Acq On : 6 Jan 2017 16:15
 Operator : UM/SJ
 Sample : PB95795TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95795TB

Quant Time: Jan 06 16:49:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	184799	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	739473	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	317212	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	560974	20.00	ng	0.00
75) Chrysene-d12	13.77	240	432725	20.00	ng	-0.01
86) Perylene-d12	15.15	264	336506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1365846	123.41	ng	0.01
7) Phenol-d6	6.30	99	1439535	106.53	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1018593	76.59	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	349412	133.10	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1863116	126.67	ng	0.00
78) Terphenyl-d14	12.75	244	1576249	88.34	ng	0.00

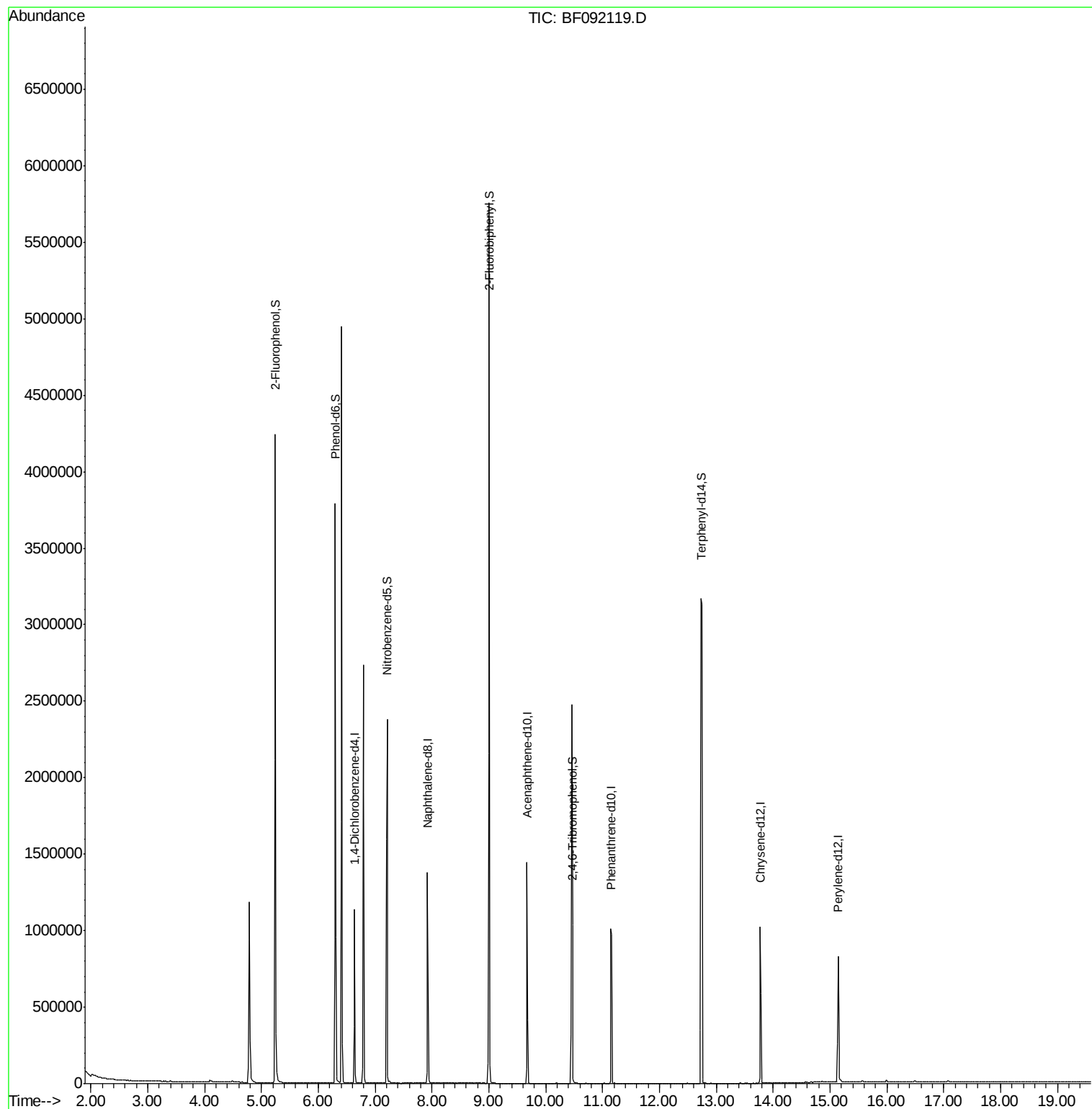
Target Compounds Qvalue

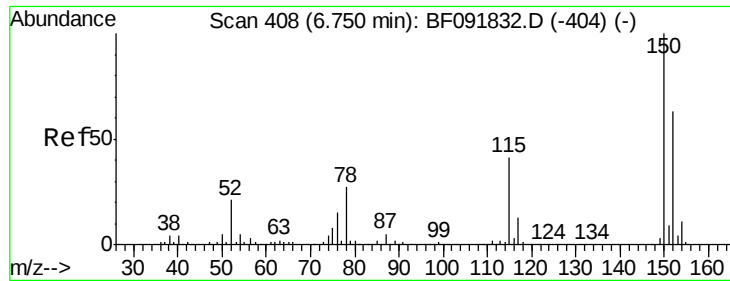
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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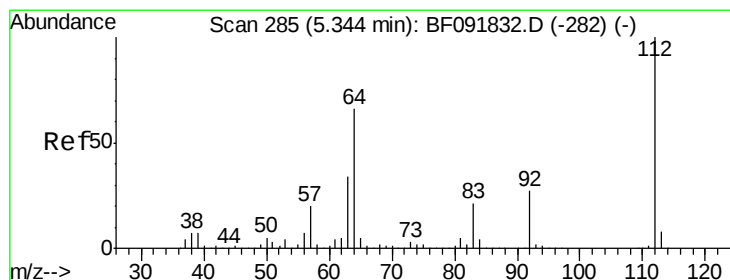
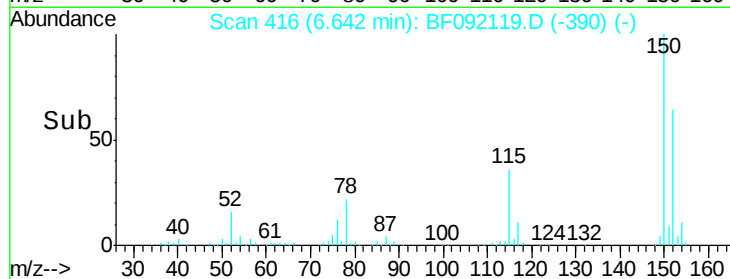
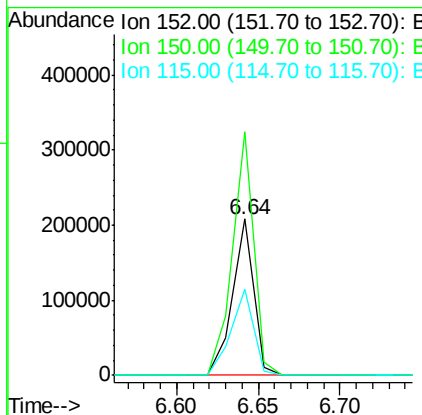
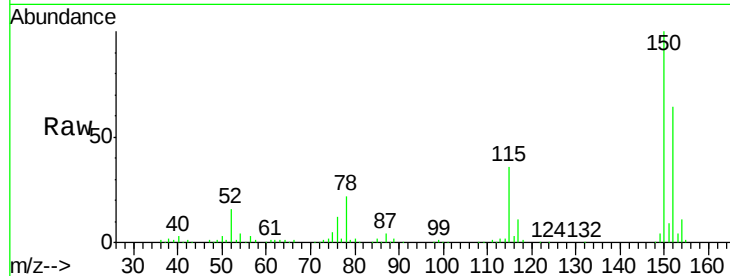


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092119.D
Acq: 6 Jan 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB95795TB

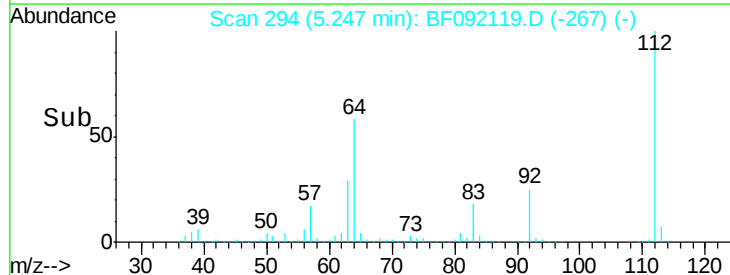
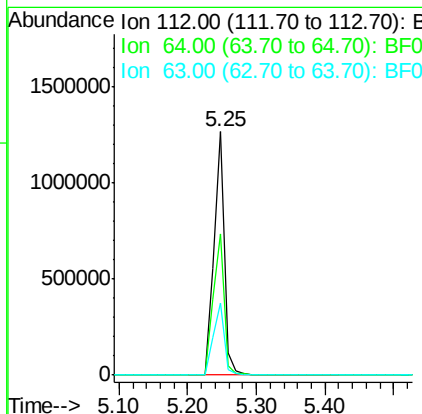
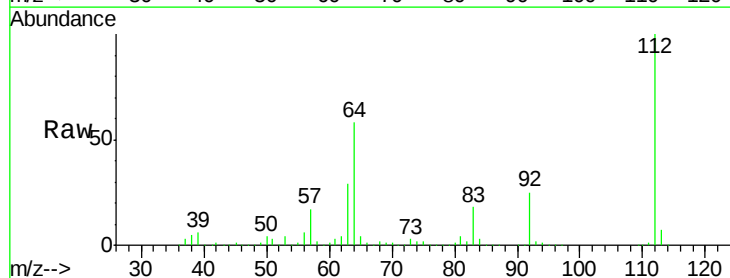
Tot Ion:152 Resp: 184799
Ion Ratio Lower Upper
152 100
150 155.7 124.9 187.3
115 55.3 46.0 69.0

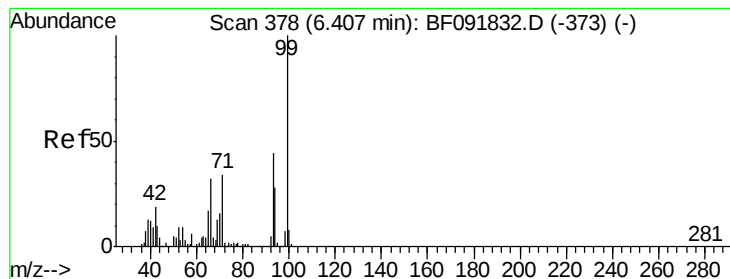


#5

2-Fluorophenol
Concen: 123.41 ng
RT: 5.25 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092119.D
Acq: 6 Jan 2017 16:15

Tgt Ion:112 Resp: 1365846
Ion Ratio Lower Upper
112 100
64 58.1 46.1 69.1
63 29.4 23.8 35.6





#7

Phenol-d6

Concen: 106.53 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092119.D

Acq: 6 Jan 2017 16:15

Instrument :

BNA_F

ClientSampleId :

PB95795TB

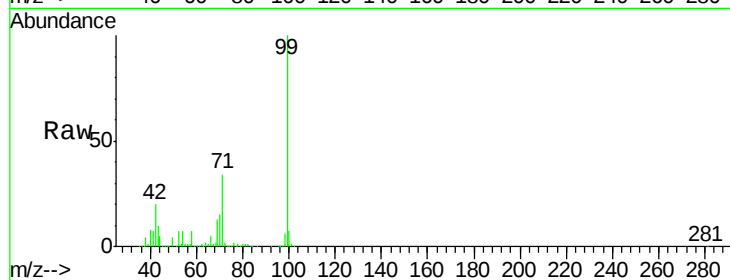
Tot Ion: 99 Resp: 1439535

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

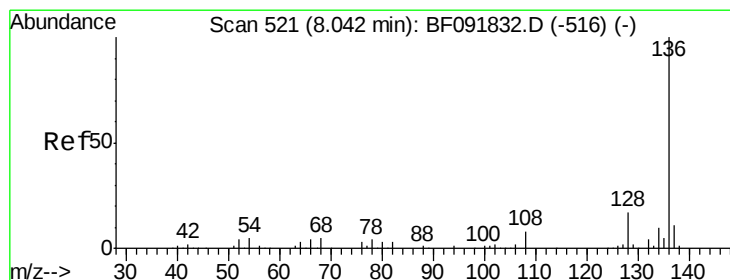
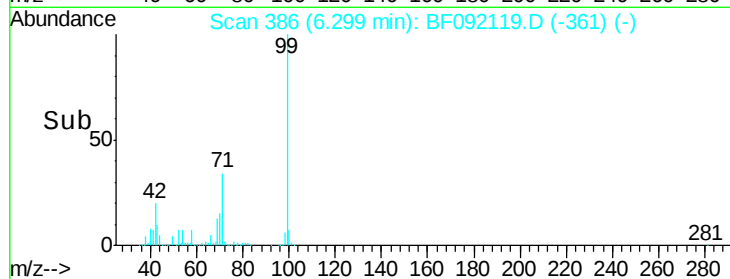
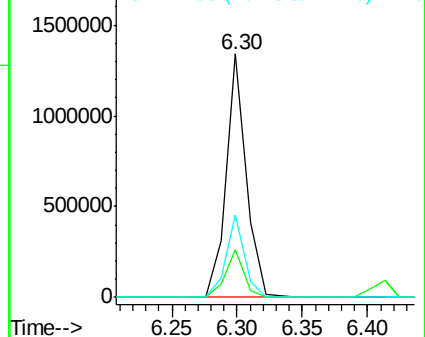
71 34.0 27.5 41.3



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: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092119.D

Acq: 6 Jan 2017 16:15

Tgt Ion: 136 Resp: 739473

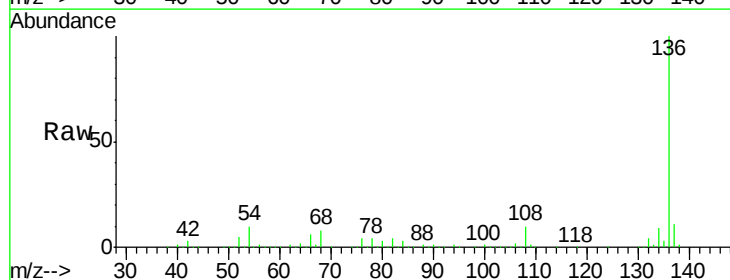
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 9.7 4.5 6.7#

68 7.7 3.6 5.4#

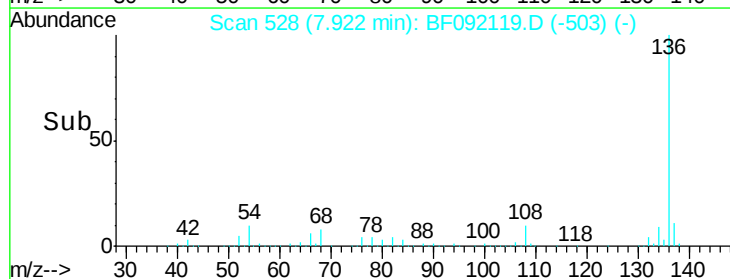
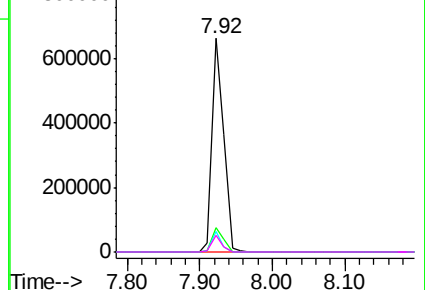


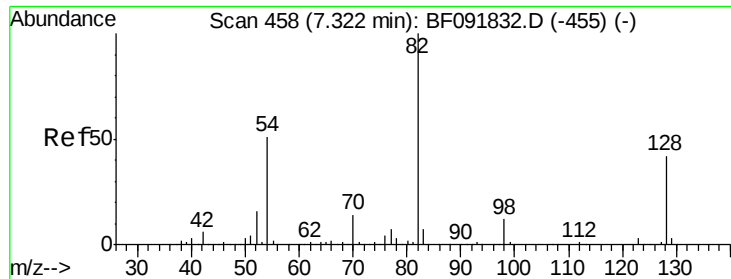
Abundance Ion 136.00 (135.70 to 136.70): E

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

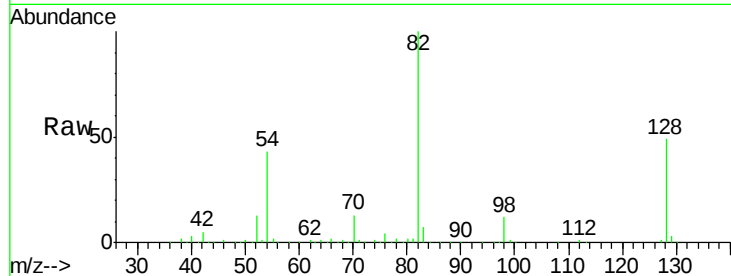




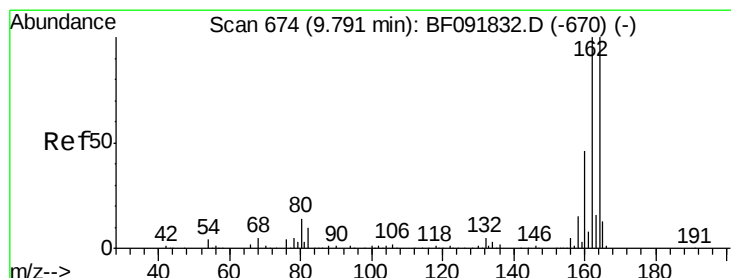
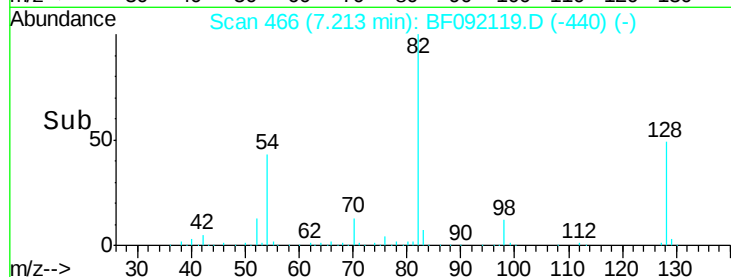
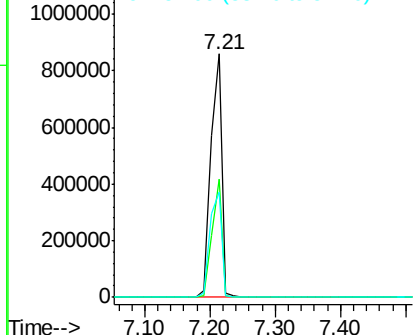
#23
 Nitrobenzene-d5
 Concen: 76.59 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092119.D
 Acq: 6 Jan 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB95795TB

Tot Ion: 82 Resp: 1018593
 Ion Ratio Lower Upper
 82 100
 128 48.6 34.6 52.0
 54 43.3 39.5 59.3

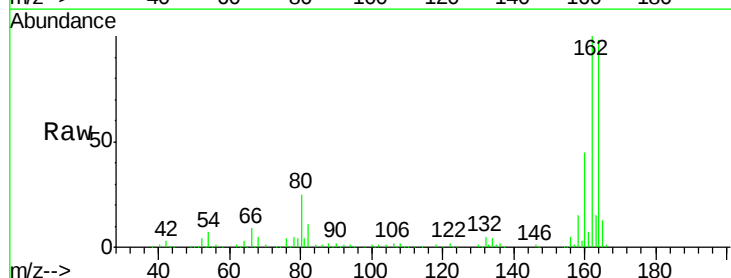


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

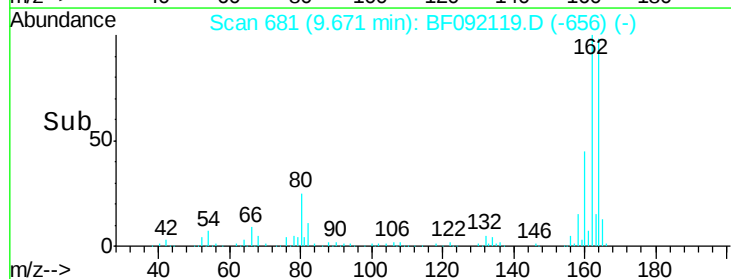
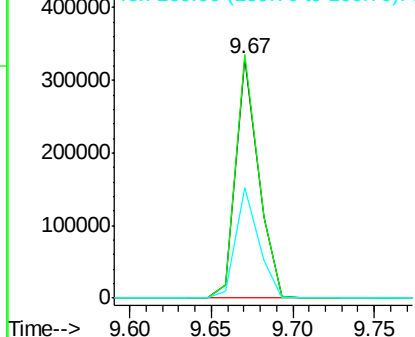


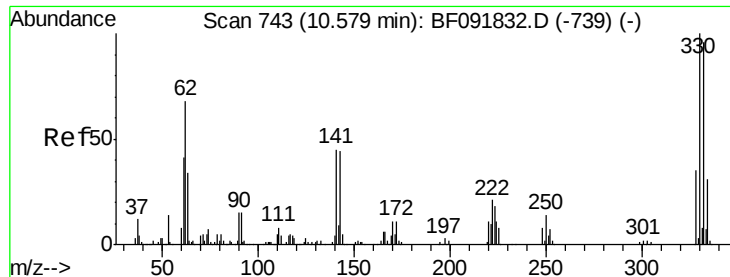
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092119.D
 Acq: 6 Jan 2017 16:15

Tgt Ion:164 Resp: 317212
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.2 120.2
 160 46.0 36.9 55.3



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

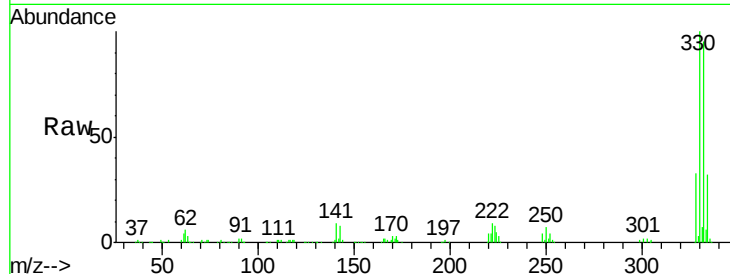




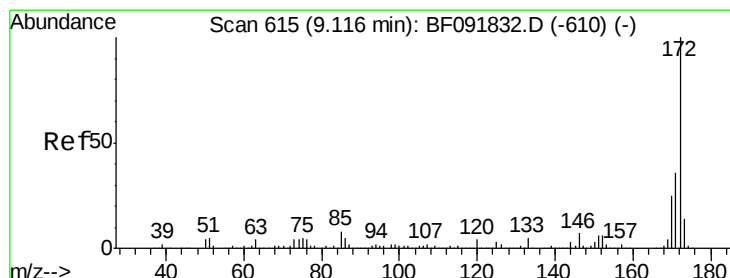
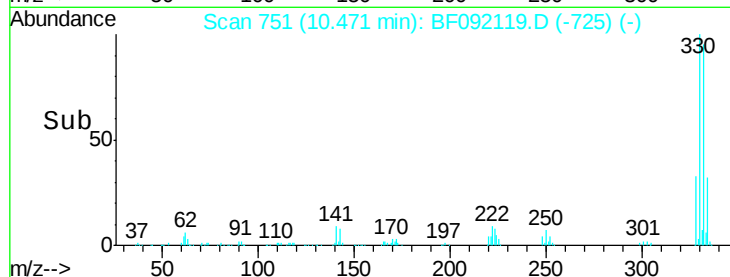
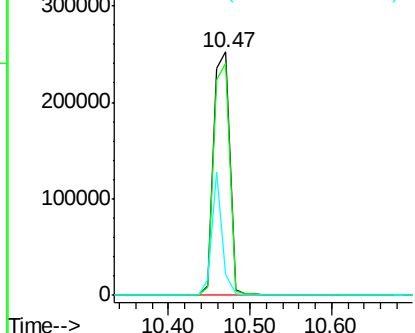
#41
 2,4,6-Tribromophenol
 Concen: 133.10 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092119.D
 Acq: 6 Jan 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB95795TB

Tot Ion:330 Resp: 349412
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.2
 141 33.0 34.1 51.1#

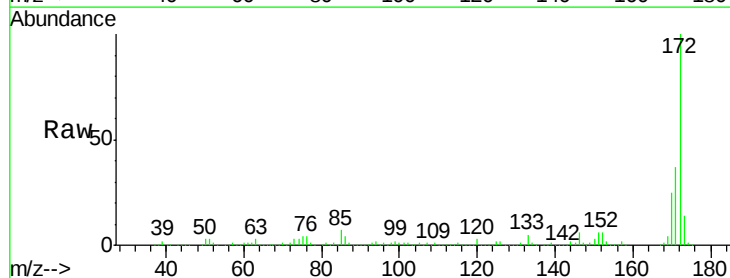


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

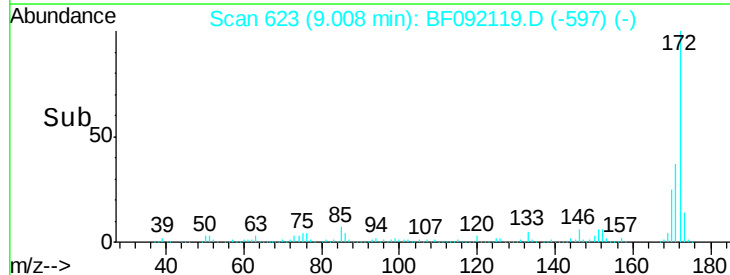
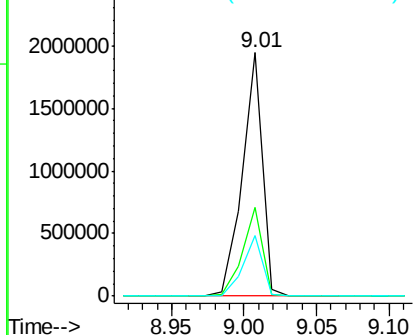


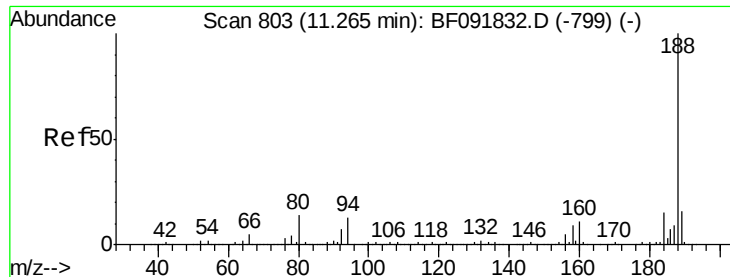
#44
 2-Fluorobiphenyl
 Concen: 126.67 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092119.D
 Acq: 6 Jan 2017 16:15

Tgt Ion:172 Resp: 1863116
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.8 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

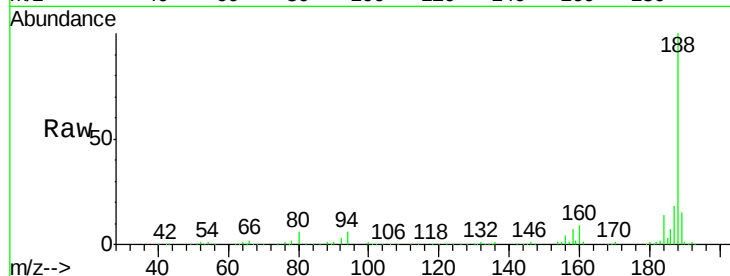




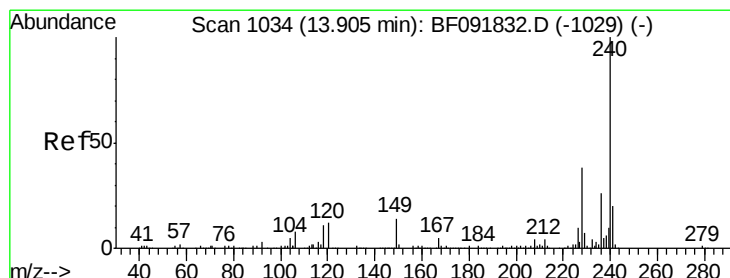
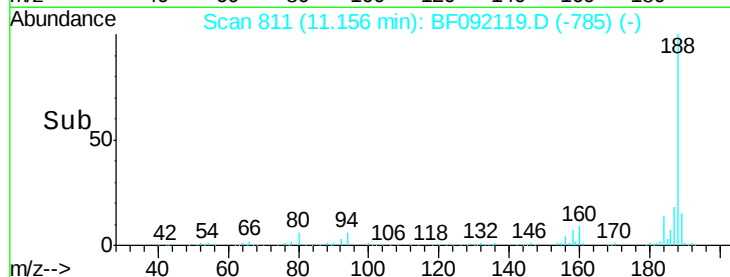
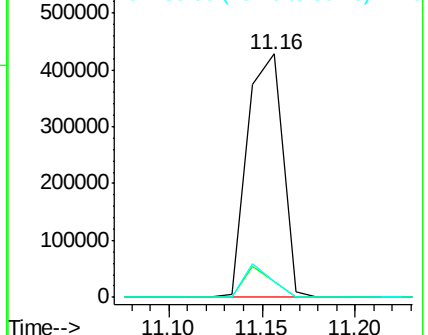
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092119.D
Acq: 6 Jan 2017 16:15

Instrument :
BNA_F
ClientSampled :
PB95795TB

Tot Ion:188 Resp: 560974
Ion Ratio Lower Upper
188 100
94 6.4 10.0 15.0#
80 6.5 11.2 16.8#

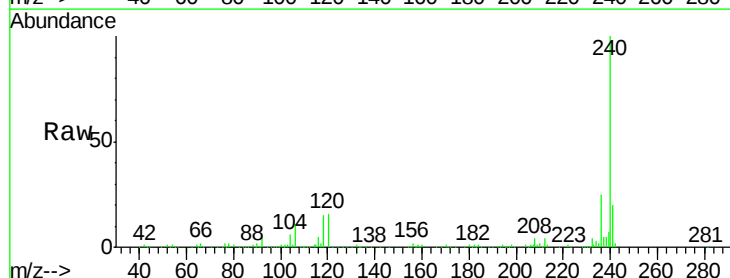


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

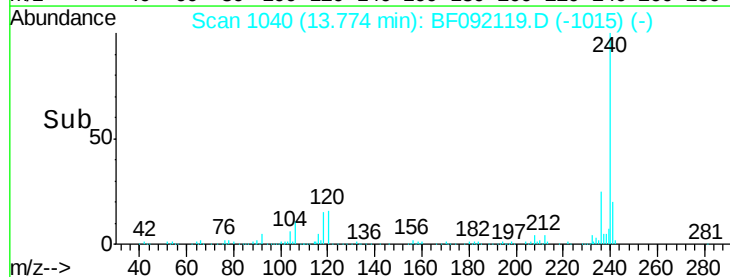
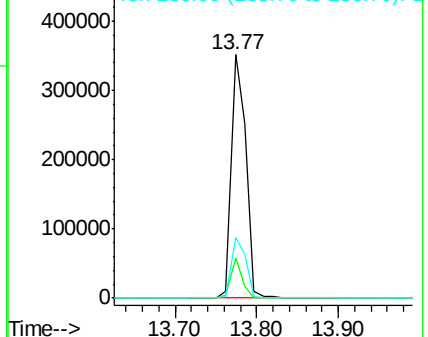


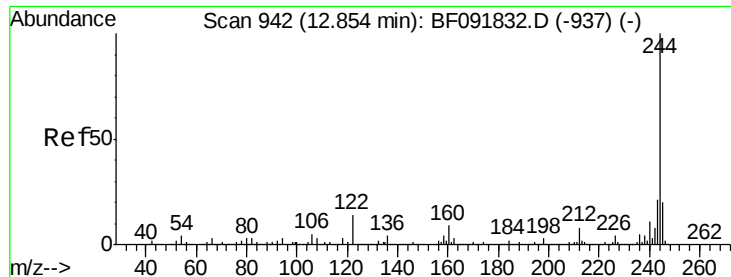
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF092119.D
Acq: 6 Jan 2017 16:15

Tgt Ion:240 Resp: 432725
Ion Ratio Lower Upper
240 100
120 16.4 12.9 19.3
236 25.0 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: 88.34 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092119.D

Acq: 6 Jan 2017 16:15

Instrument :

BNA_F

ClientSampleId :

PB95795TB

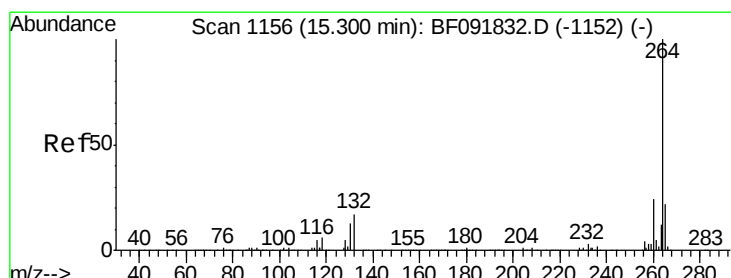
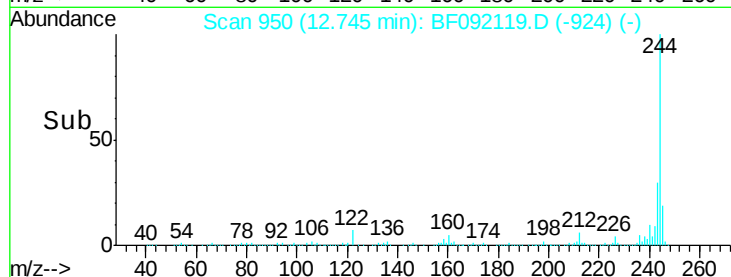
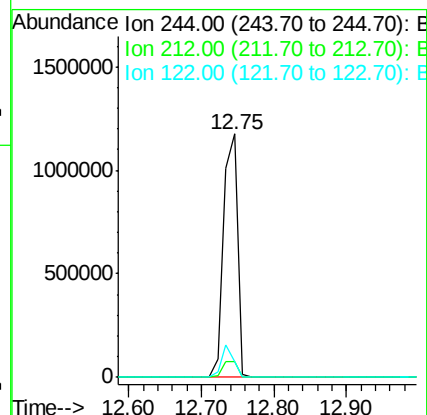
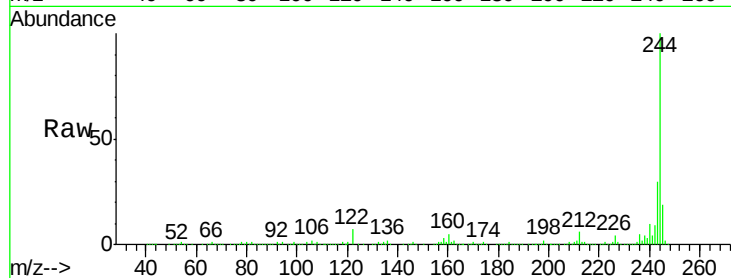
Tot Ion:244 Resp: 1576249

Ion Ratio Lower Upper

244 100

212 6.3 6.2 9.2

122 6.6 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF092119.D

Acq: 6 Jan 2017 16:15

Tgt Ion:264 Resp: 336506

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.3 17.4 26.0

