

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091421.D
 Acq On : 5 Dec 2016 16:46
 Operator : UM/SJ
 Sample : PB95045BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BL

Quant Time: Dec 06 00:24:02 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	147726	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	623689	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	388602	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	576706	20.00	ng	0.00
75) Chrysene-d12	14.00	240	600987	20.00	ng	0.00
86) Perylene-d12	15.42	264	447962	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1120302	123.89	ng	0.01
7) Phenol-d6	6.48	99	1441473	129.49	ng	0.00
23) Nitrobenzene-d5	7.41	82	907096	81.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	438272	119.13	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1874422	87.34	ng	0.00
78) Terphenyl-d14	12.96	244	2206759	79.81	ng	0.00

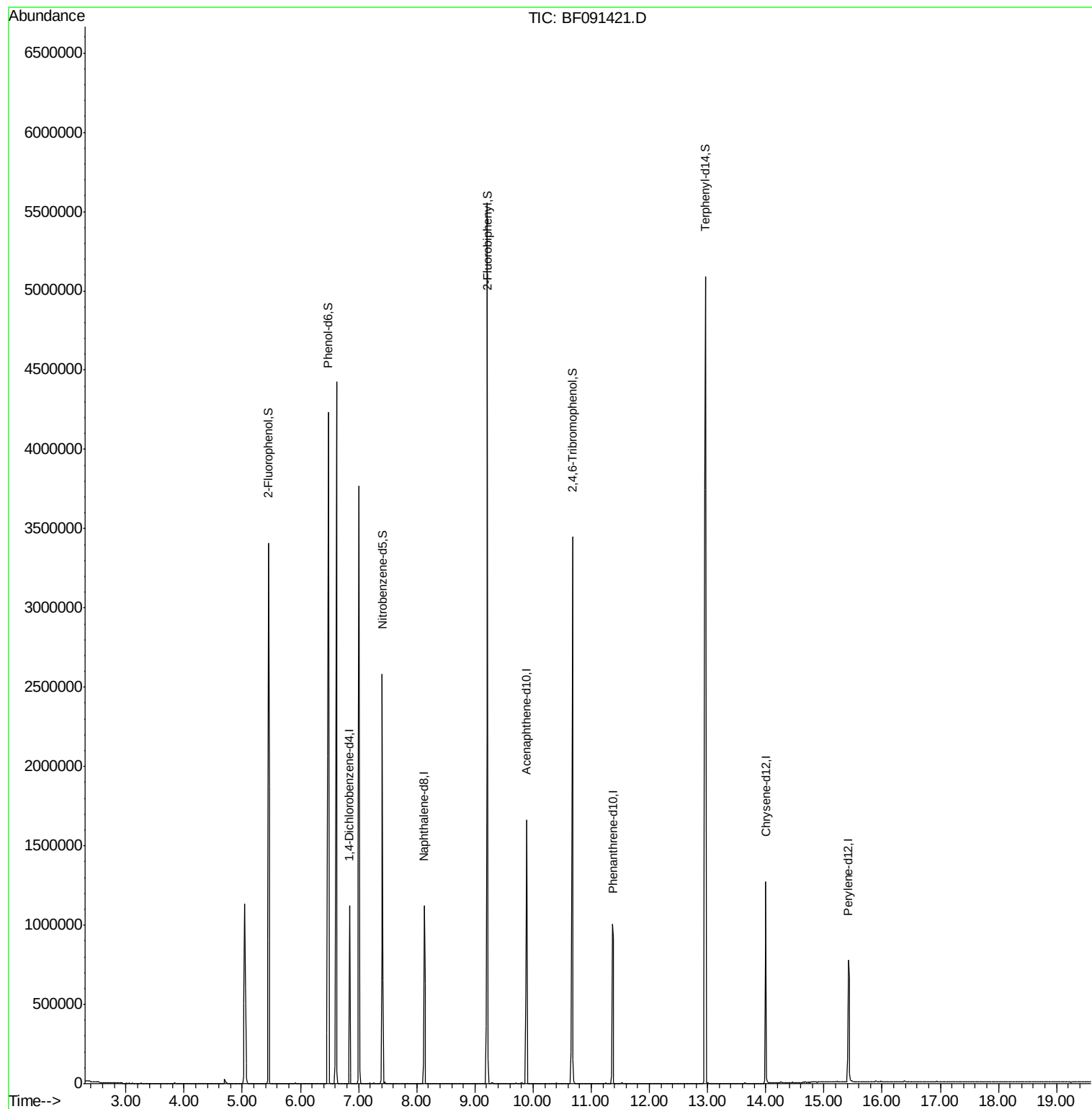
Target Compounds Qvalue

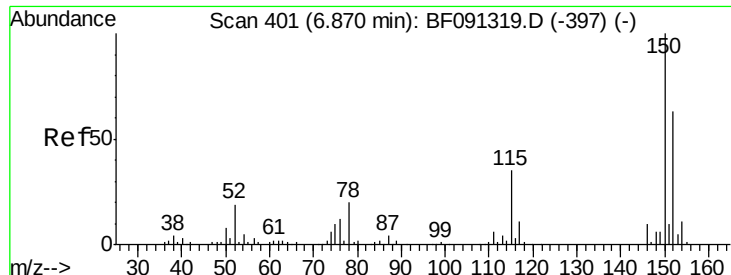
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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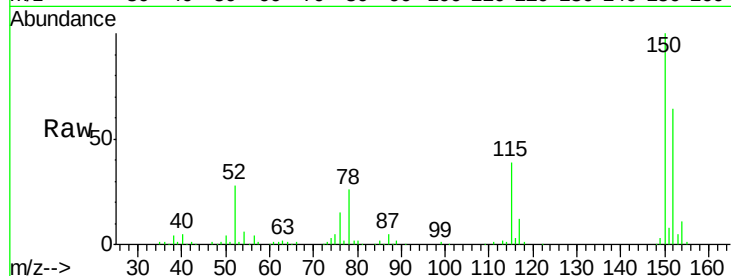




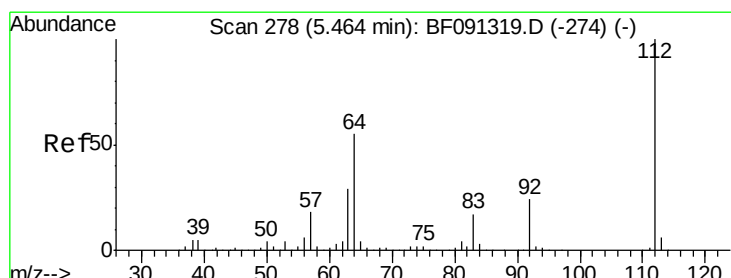
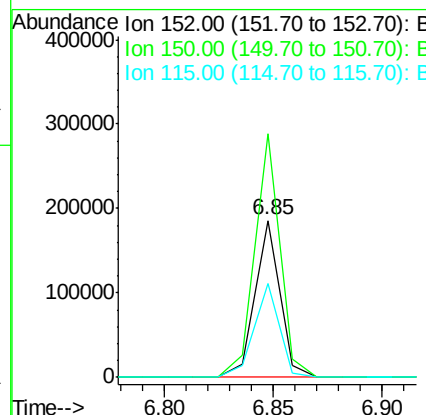
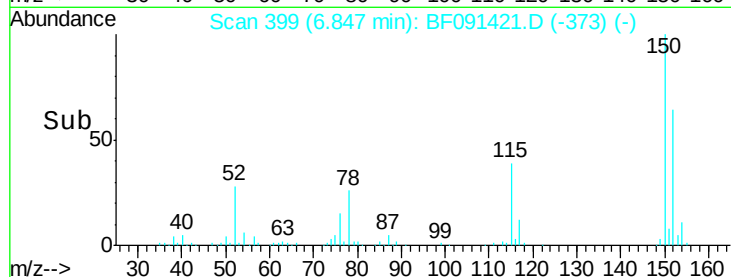
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF091421.D
 Acq: 5 Dec 2016 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BL

Tot Ion:152 Resp: 147726
 Ion Ratio Lower Upper
 152 100
 150 155.4 122.5 183.7
 115 59.9 51.8 77.8

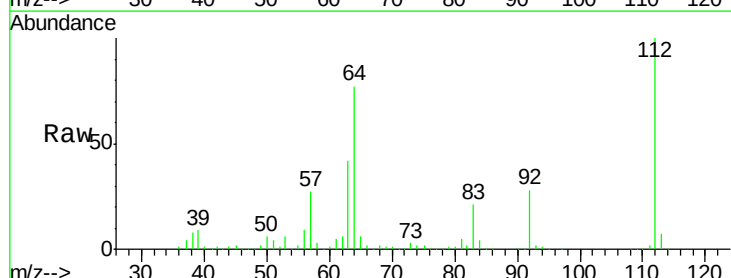


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

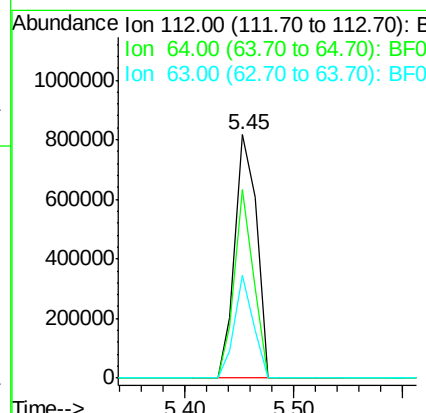
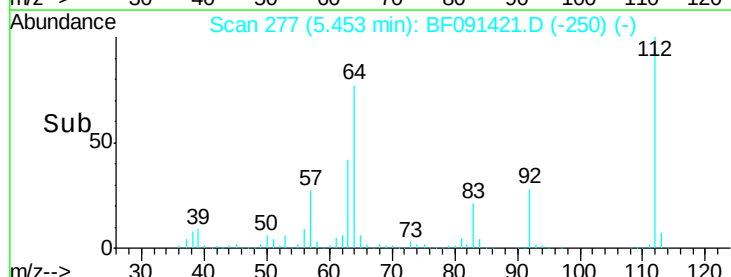


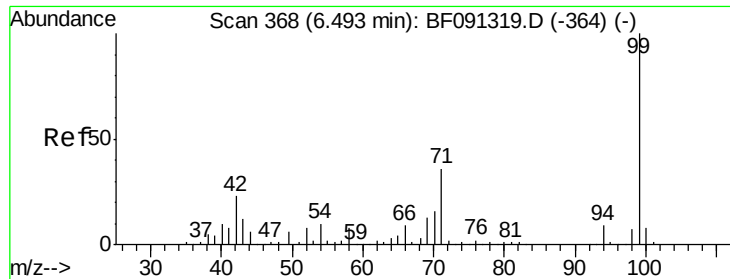
#5
 2-Fluorophenol
 Concen: 123.89 ng
 RT: 5.45 min Scan# 277
 Delta R.T. 0.01 min
 Lab File: BF091421.D
 Acq: 5 Dec 2016 16:46

Tgt Ion:112 Resp: 1120302
 Ion Ratio Lower Upper
 112 100
 64 77.3 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: 129.49 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091421.D

Acq: 5 Dec 2016 16:46

Instrument :

BNA_F

ClientSampleId :

PB95045BL

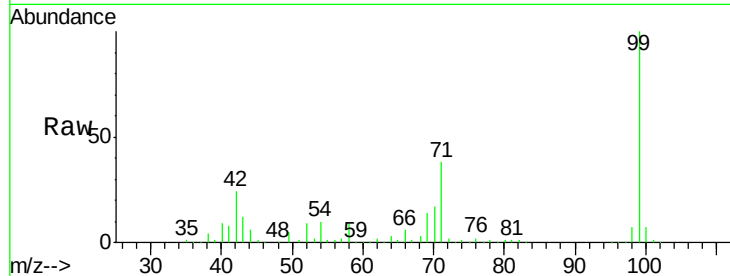
Tot Ion: 99 Resp: 1441473

Ion Ratio Lower Upper

99 100

42 23.7 20.6 31.0

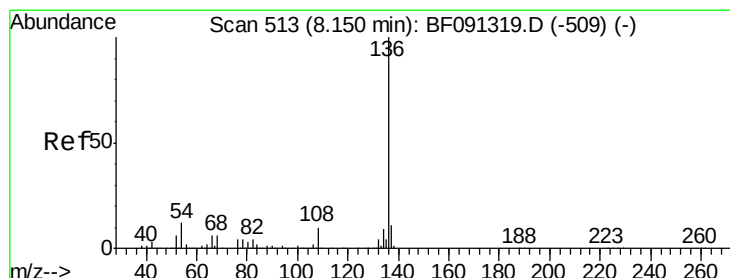
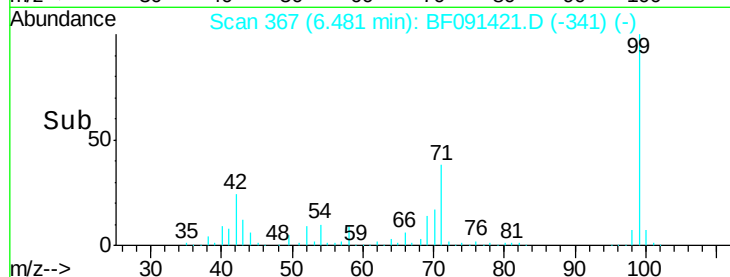
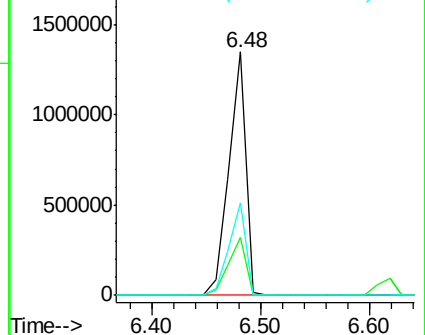
71 37.9 29.9 44.9



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: BF091421.D

Acq: 5 Dec 2016 16:46

Tgt Ion: 136 Resp: 623689

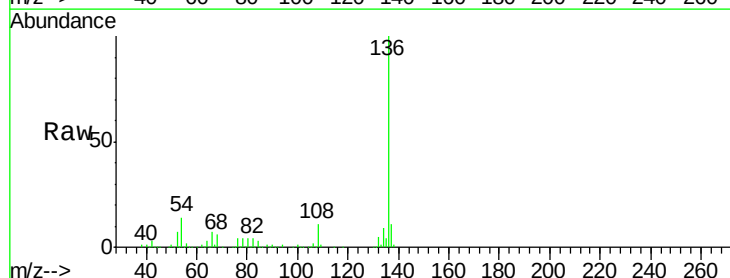
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 13.8 9.1 13.7#

68 6.0 5.9 8.9

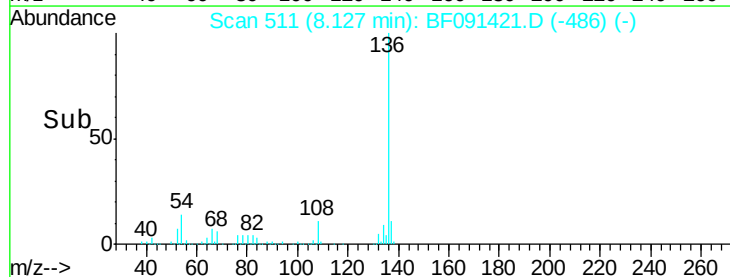
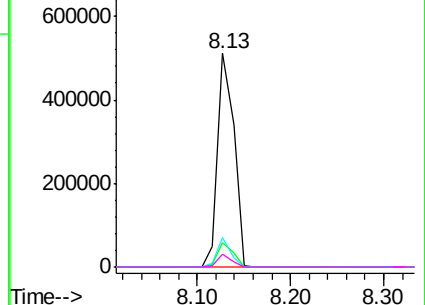


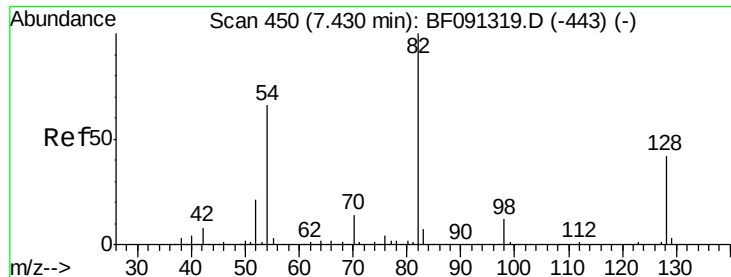
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.51 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF091421.D

Acq: 5 Dec 2016 16:46

Instrument :

BNA_F

ClientSampleId :

PB95045BL

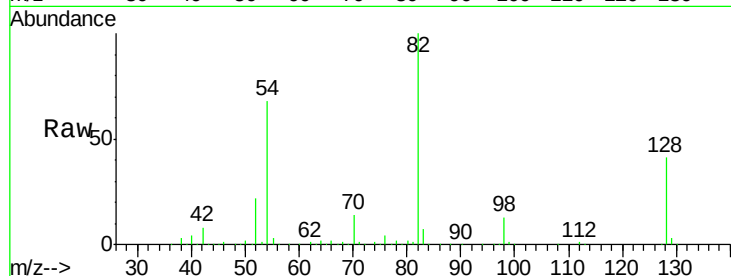
Tot Ion: 82 Resp: 907096

Ion Ratio Lower Upper

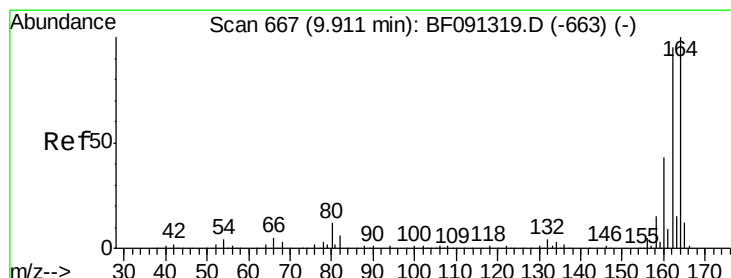
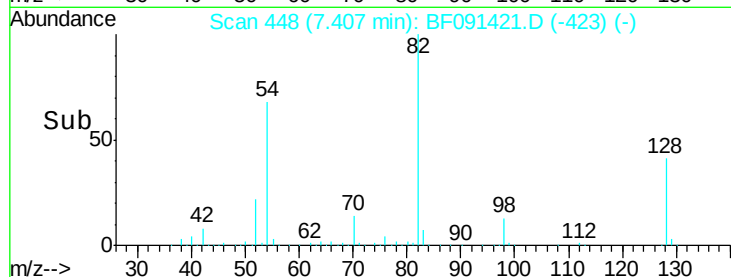
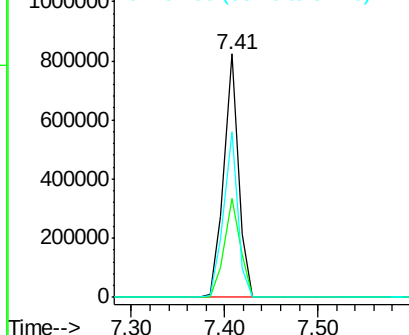
82 100

128 40.6 31.8 47.6

54 67.8 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: BF091421.D

Acq: 5 Dec 2016 16:46

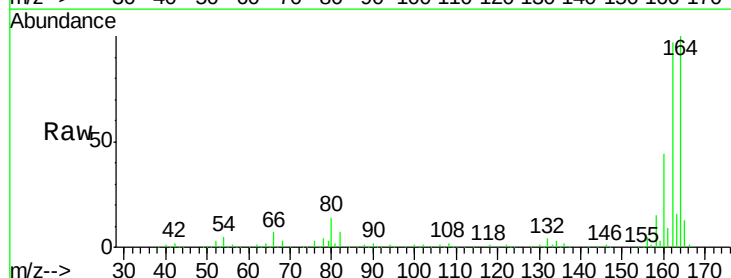
Tgt Ion: 164 Resp: 388602

Ion Ratio Lower Upper

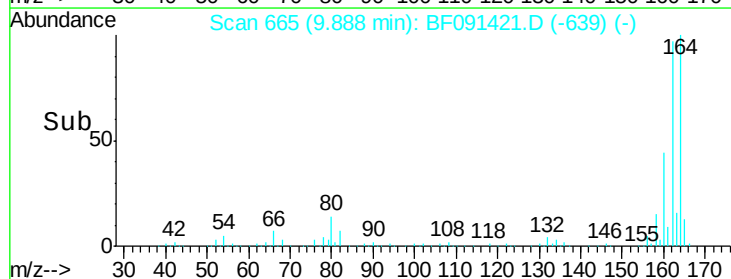
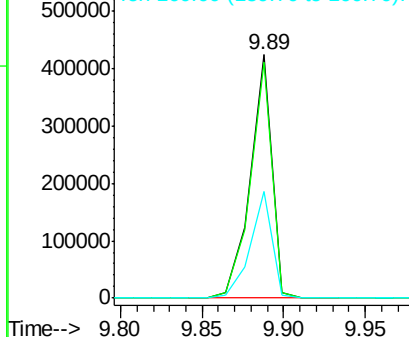
164 100

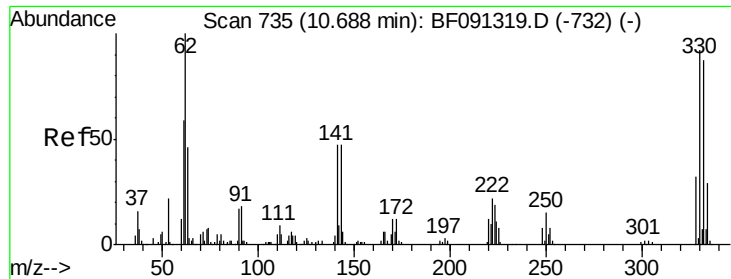
162 96.8 82.6 124.0

160 43.9 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

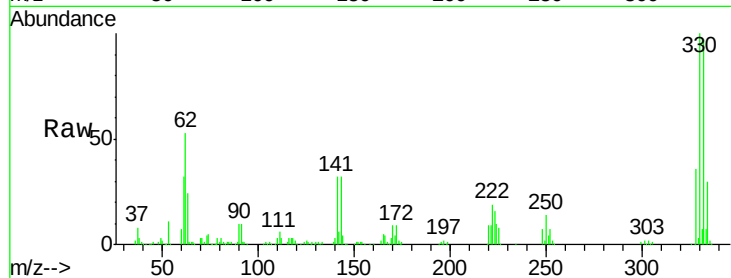




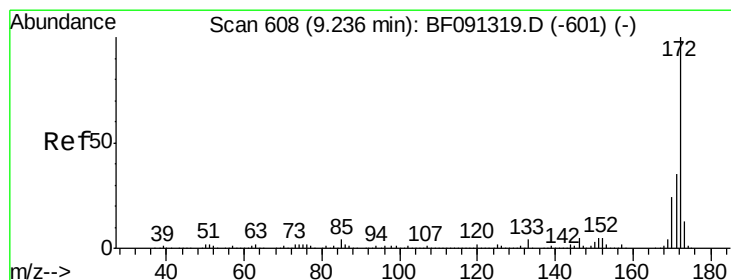
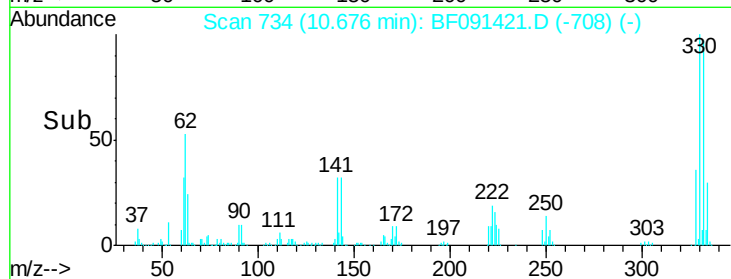
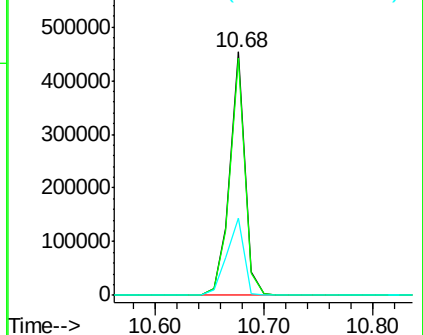
#41
 2,4,6-Tribromophenol
 Concen: 119.13 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF091421.D
 Acq: 5 Dec 2016 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BL

Tot Ion:330 Resp: 438272
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 35.5 33.6 50.4

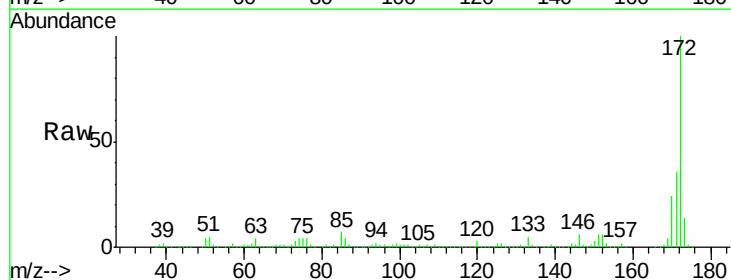


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

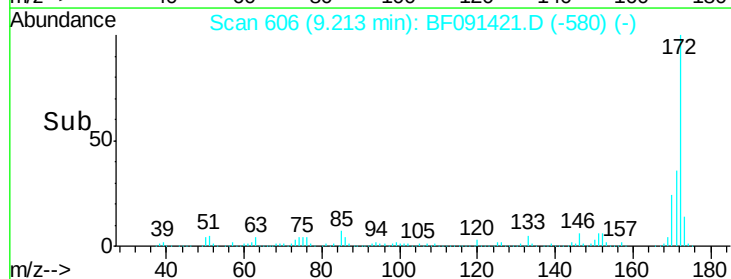
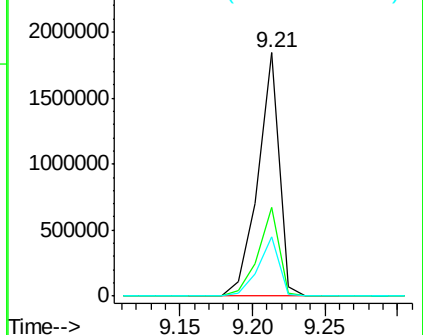


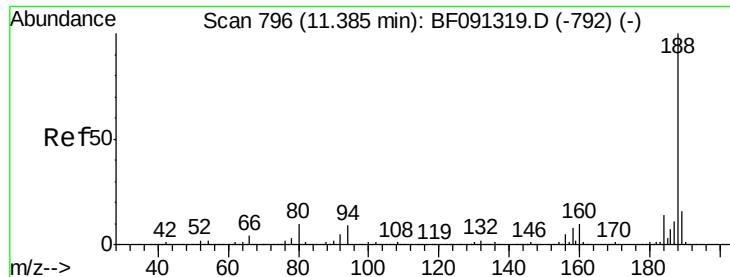
#44
 2-Fluorobiphenyl
 Concen: 87.34 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091421.D
 Acq: 5 Dec 2016 16:46

Tgt Ion:172 Resp: 1874422
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.3 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

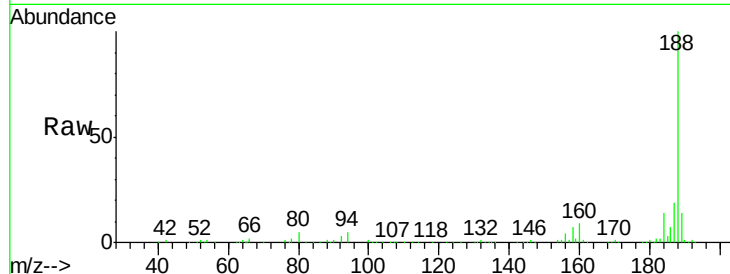




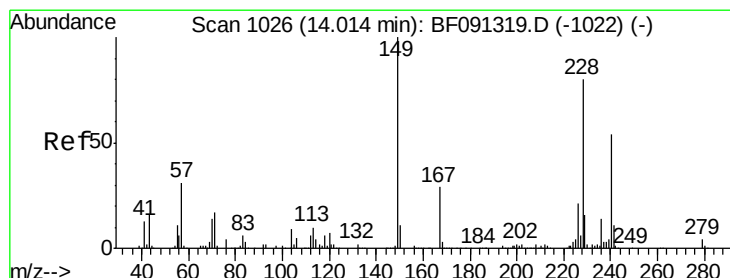
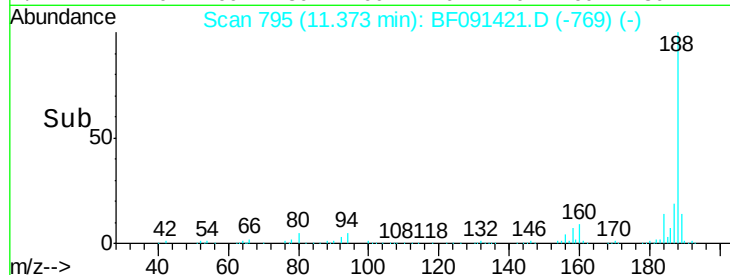
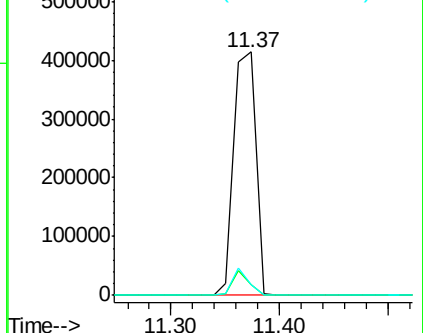
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF091421.D
 Acq: 5 Dec 2016 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BL

Tot Ion:188 Resp: 576706
 Ion Ratio Lower Upper
 188 100
 94 4.6 9.2 13.8#
 80 4.6 10.5 15.7#

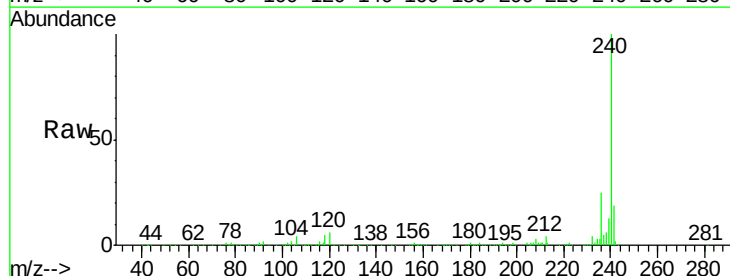


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

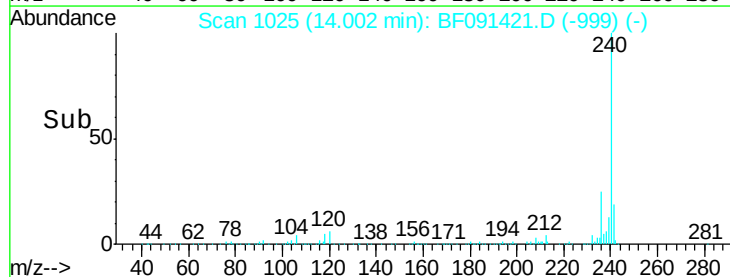
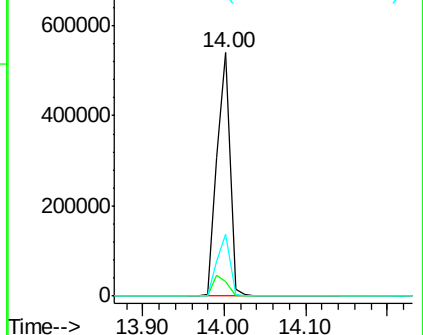


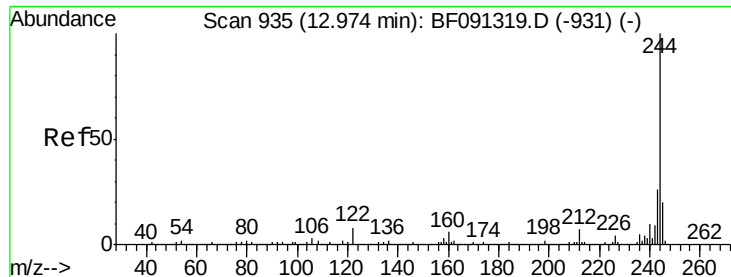
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF091421.D
 Acq: 5 Dec 2016 16:46

Tgt Ion:240 Resp: 600987
 Ion Ratio Lower Upper
 240 100
 120 6.1 12.1 18.1#
 236 25.3 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: 79.81 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF091421.D

Acq: 5 Dec 2016 16:46

Instrument :

BNA_F

ClientSampleID :

PB95045BL

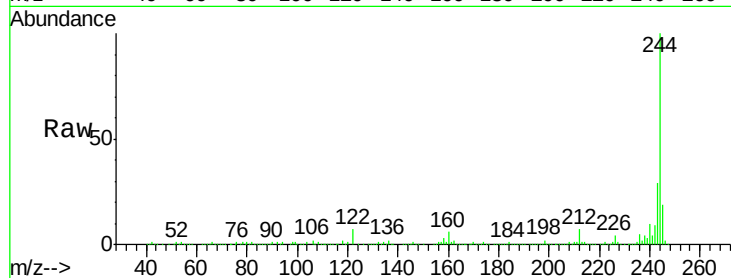
Tot Ion:244 Resp: 2206759

Ion Ratio Lower Upper

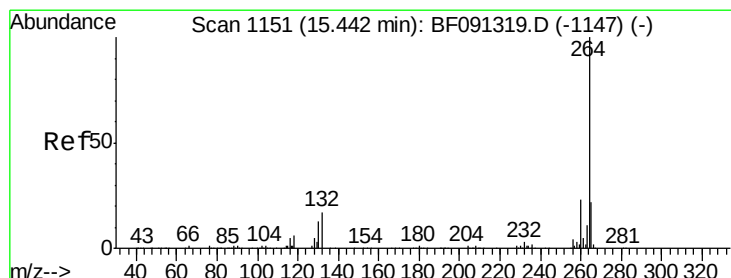
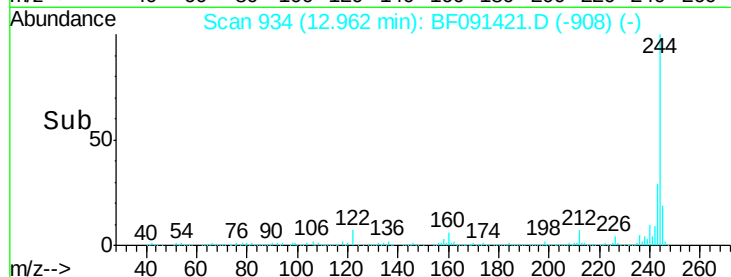
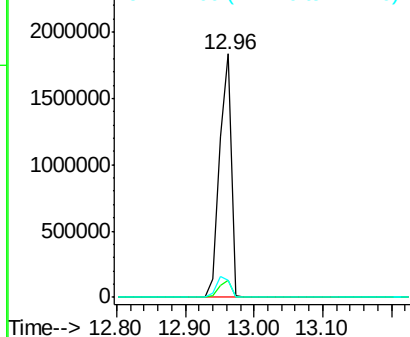
244 100

212 7.0 6.5 9.7

122 7.1 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: 15.42 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF091421.D

Acq: 5 Dec 2016 16:46

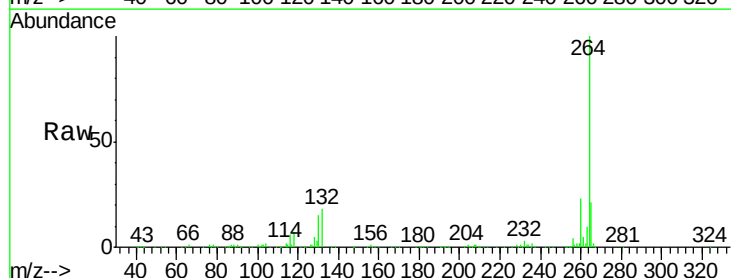
Tgt Ion:264 Resp: 447962

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.3 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

