

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091342.D
 Acq On : 30 Nov 2016 9:36
 Operator : UM/SJ
 Sample : PB94947TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94947TB

Quant Time: Nov 30 16:24:30 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	166544	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	698836	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	388400	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	693058	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	585186	20.00	ng	-0.03
86) Perylene-d12	15.44	264	417898	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1389423	136.29	ng	0.00
7) Phenol-d6	6.49	99	1491466	118.85	ng	0.00
23) Nitrobenzene-d5	7.42	82	1033549	82.88	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	431930	117.47	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1759745	82.04	ng	-0.02
78) Terphenyl-d14	12.97	244	1994523	74.08	ng	-0.02

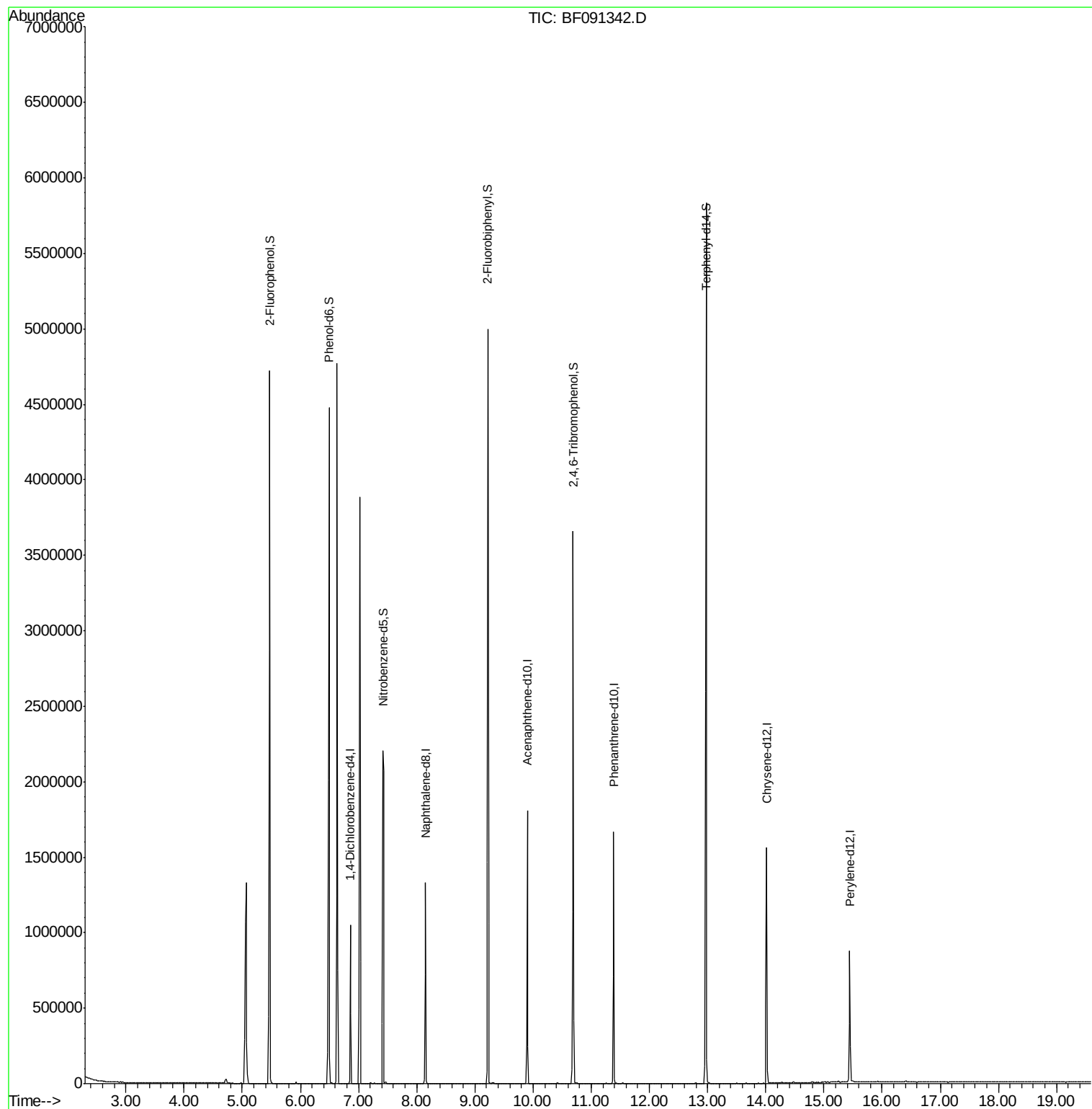
Target Compounds Qvalue

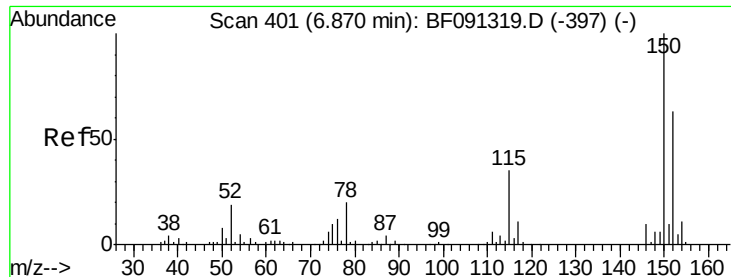
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091342.D

Acq: 30 Nov 2016 9:36

Instrument :

BNA_F

ClientSampleId :

PB94947TB

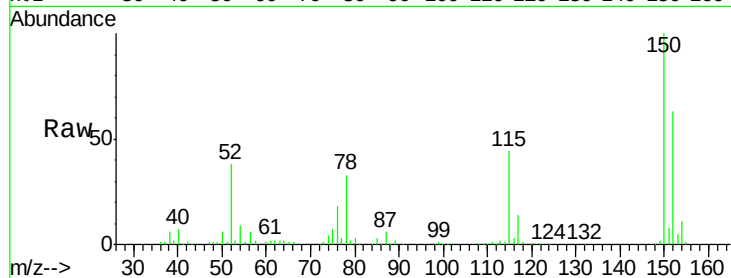
Tot Ion:152 Resp: 166544

Ion Ratio Lower Upper

152 100

150 158.9 122.5 183.7

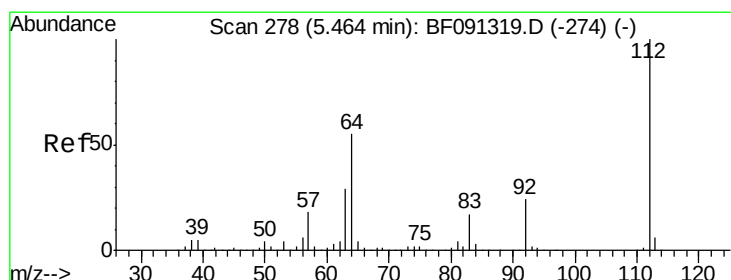
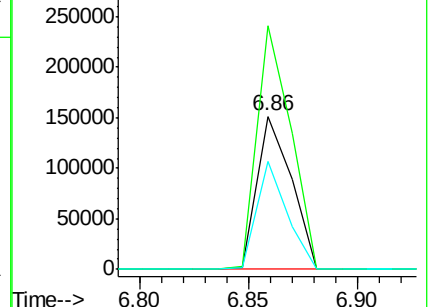
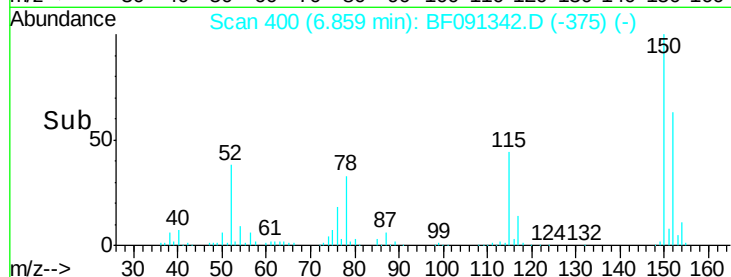
115 70.5 51.8 77.8



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: 136.29 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091342.D

Acq: 30 Nov 2016 9:36

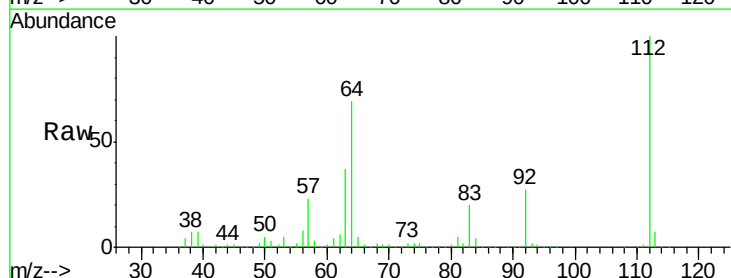
Tgt Ion:112 Resp: 1389423

Ion Ratio Lower Upper

112 100

64 68.7 61.5 92.3

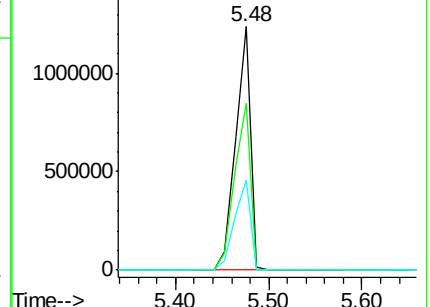
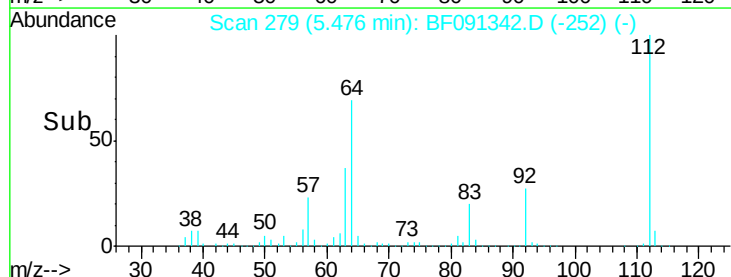
63 37.0 33.3 49.9

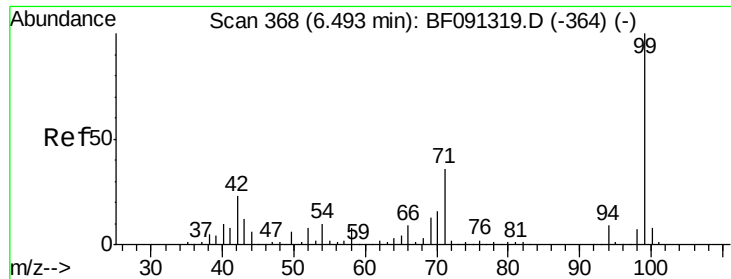


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.85 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091342.D

Acq: 30 Nov 2016 9:36

Instrument :

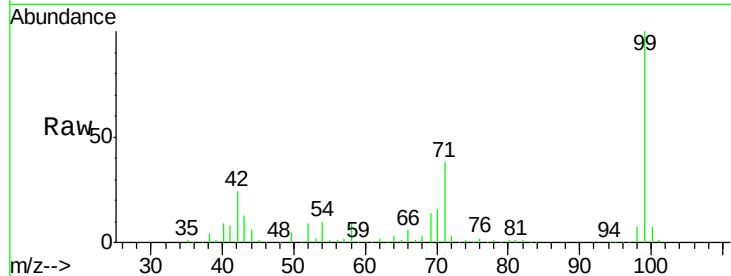
BNA_F

ClientSampleId :

PB94947TB

Tot Ion: 99 Resp: 1491466

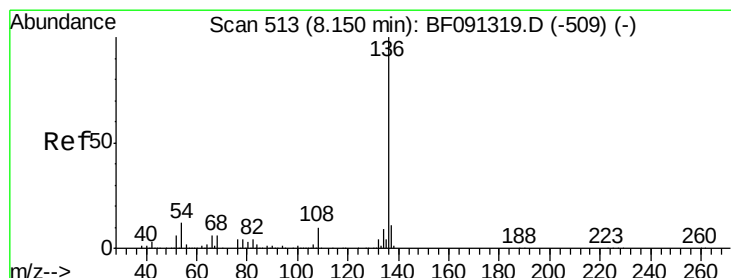
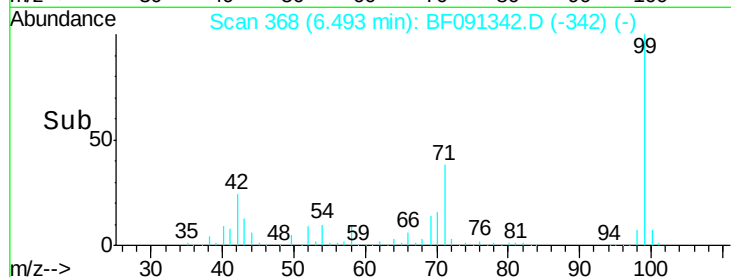
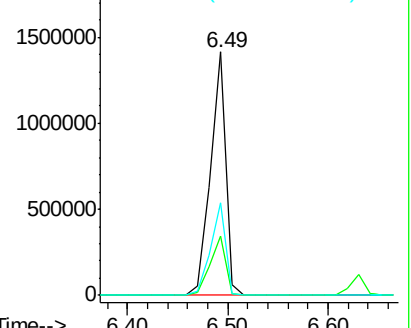
Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.6	31.0
71	37.8	29.9	44.9



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: 8.15 min Scan# 513

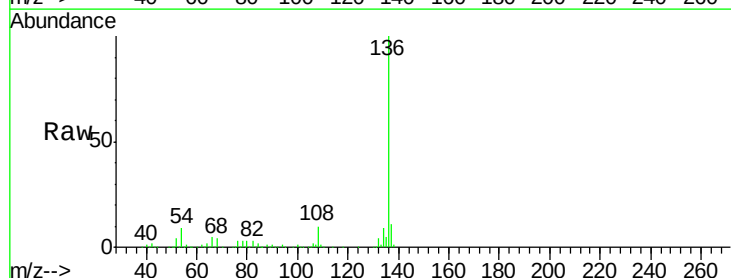
Delta R.T. -0.02 min

Lab File: BF091342.D

Acq: 30 Nov 2016 9:36

Tgt Ion: 136 Resp: 698836

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.1	9.1	13.7
68	4.4	5.9	8.9#

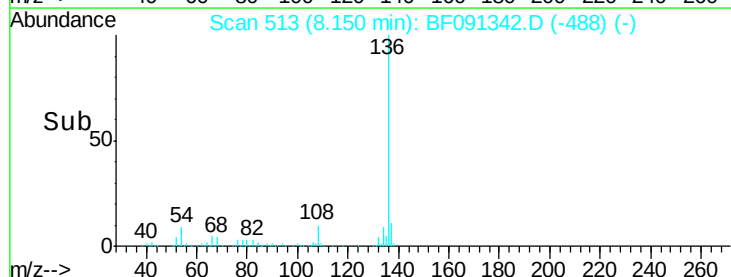
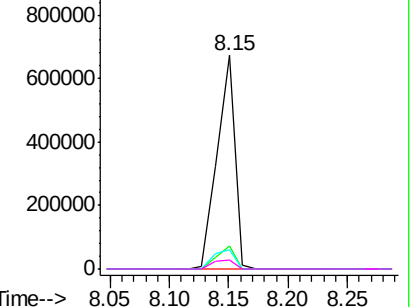


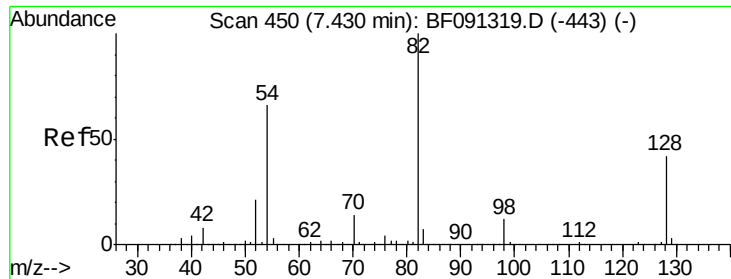
Abundance Ion 136.00 (135.70 to 136.70): E

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

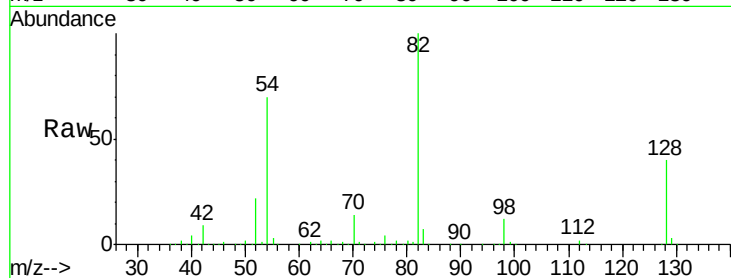




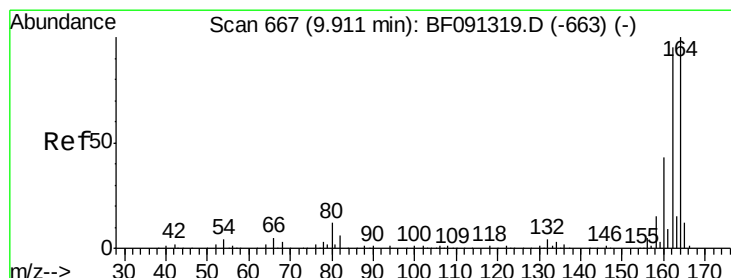
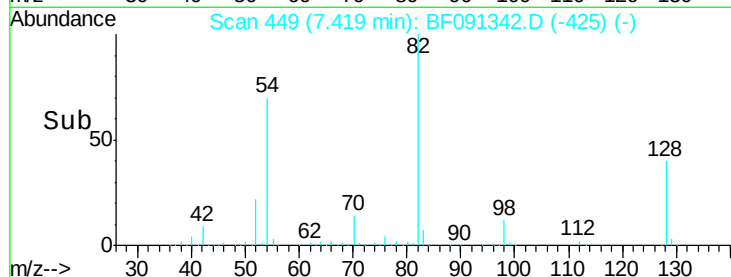
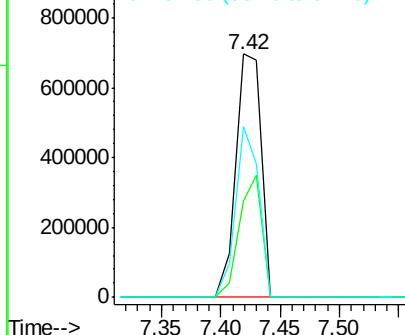
#23
 Nitrobenzene-d5
 Concen: 82.88 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.03 min
 Lab File: BF091342.D
 Acq: 30 Nov 2016 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB94947TB

Tot Ion: 82 Resp: 1033549
 Ion Ratio Lower Upper
 82 100
 128 39.7 31.8 47.6
 54 70.3 49.1 73.7

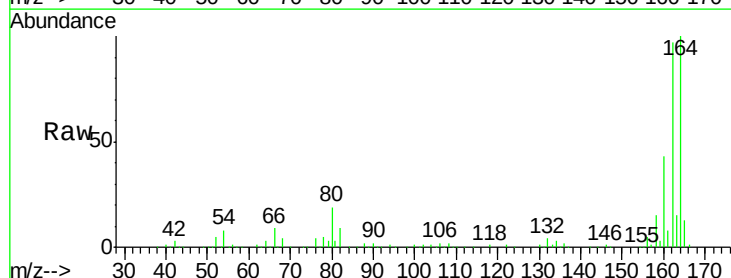


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

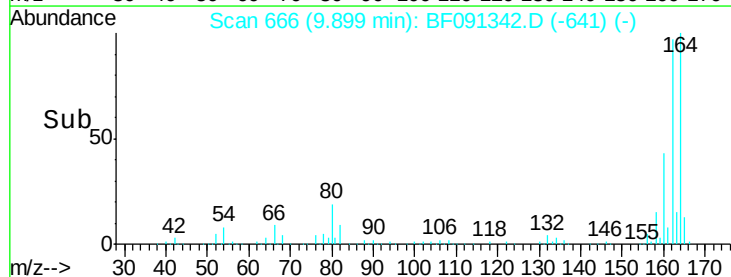
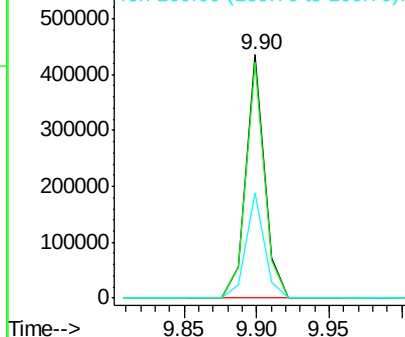


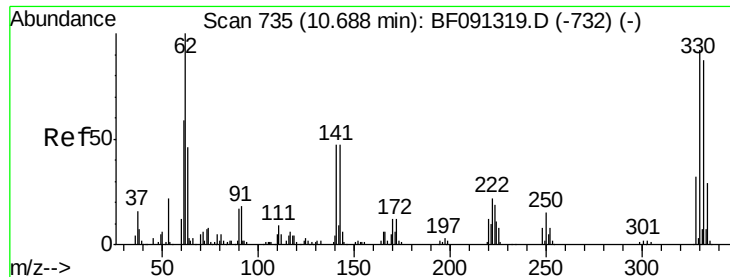
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091342.D
 Acq: 30 Nov 2016 9:36

Tgt Ion: 164 Resp: 388400
 Ion Ratio Lower Upper
 164 100
 162 96.7 82.6 124.0
 160 43.3 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

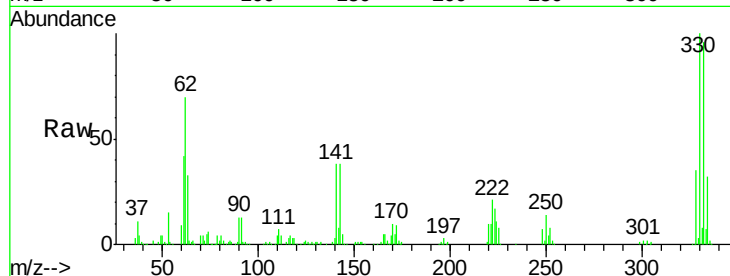




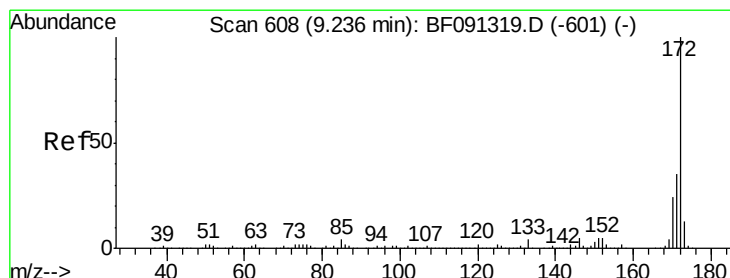
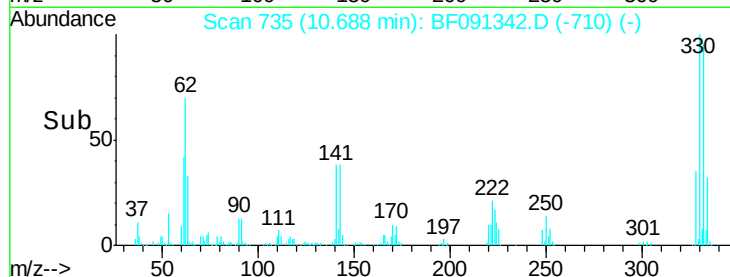
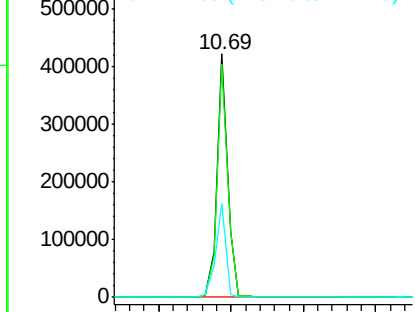
#41
 2,4,6-Tribromophenol
 Concen: 117.47 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091342.D
 Acq: 30 Nov 2016 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB94947TB

Tot Ion:330 Resp: 431930
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 36.1 33.6 50.4

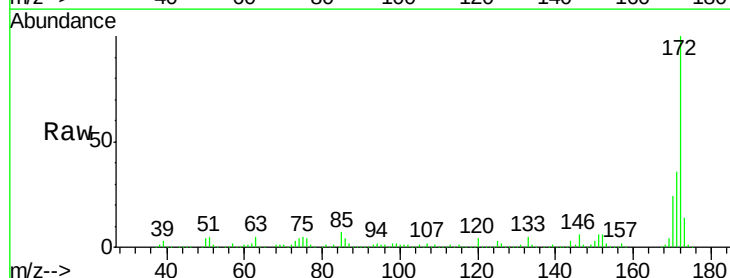


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

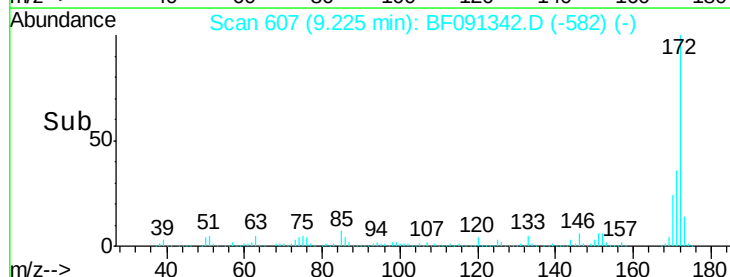
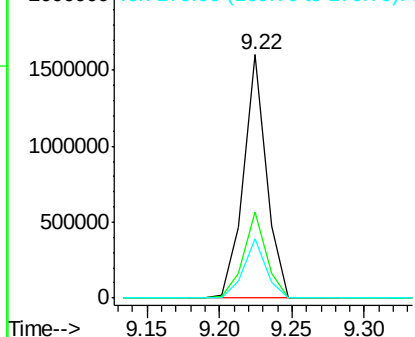


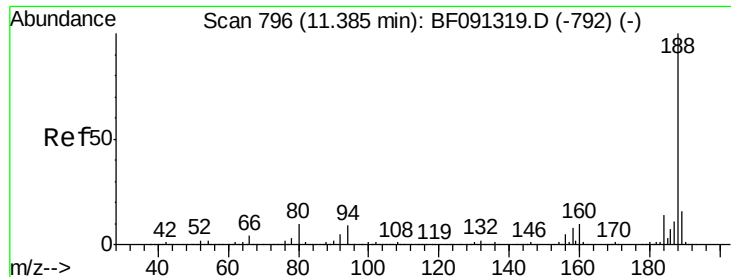
#44
 2-Fluorobiphenyl
 Concen: 82.04 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091342.D
 Acq: 30 Nov 2016 9:36

Tgt Ion:172 Resp: 1759745
 Ion Ratio Lower Upper
 172 100
 171 35.6 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

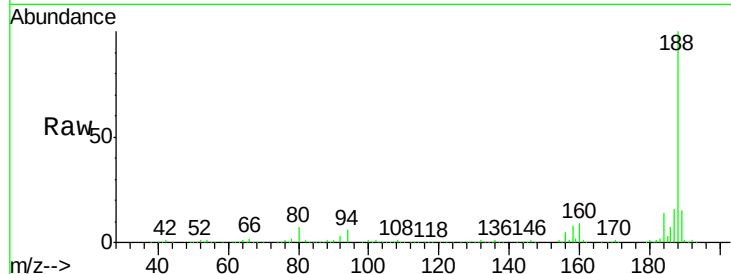




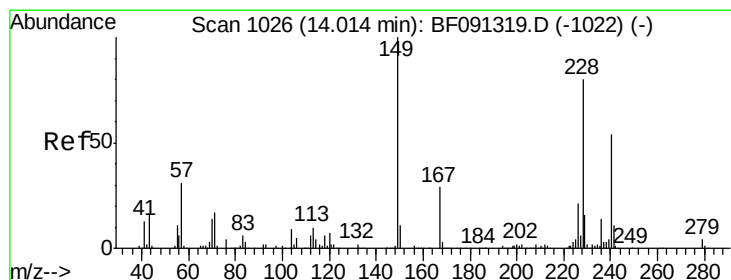
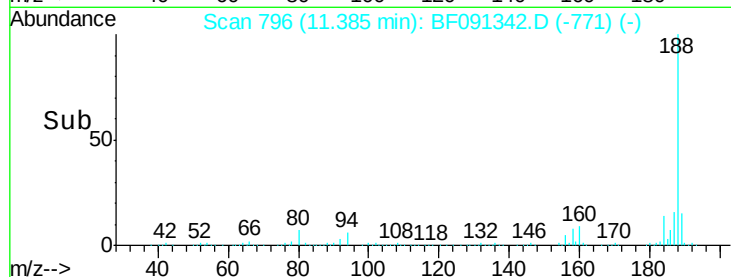
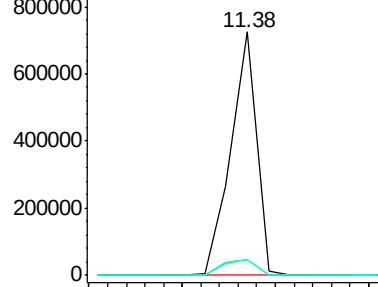
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091342.D
Acq: 30 Nov 2016 9:36

Instrument :
BNA_F
ClientSampleId :
PB94947TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.2	13.8#
80	6.6	10.5	15.7#

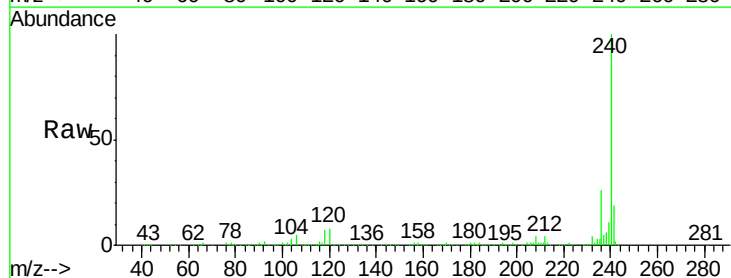


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

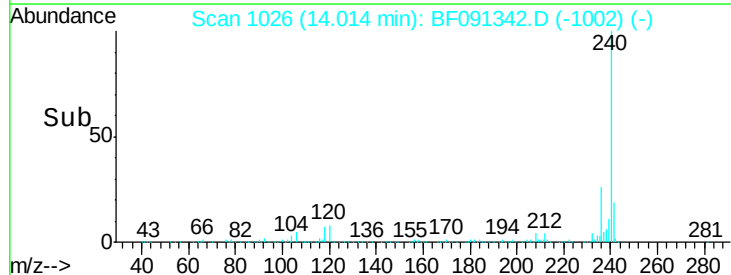
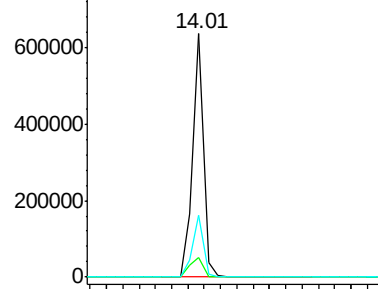


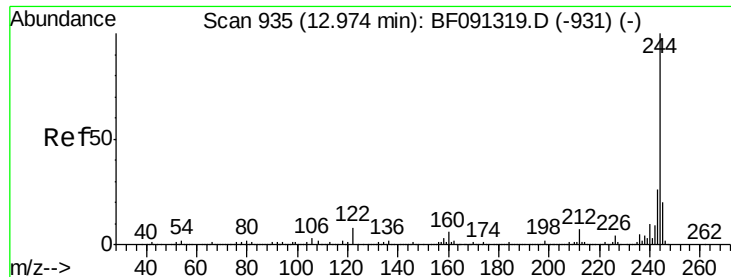
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091342.D
Acq: 30 Nov 2016 9:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	12.1	18.1#
236	25.6	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



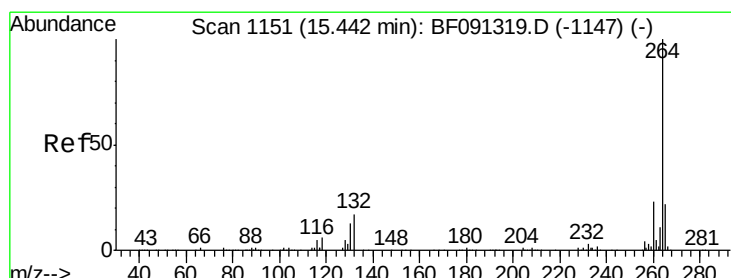
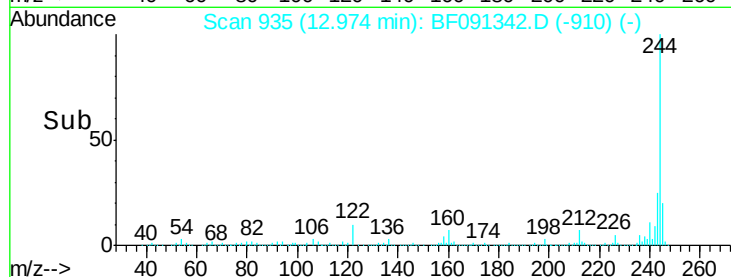
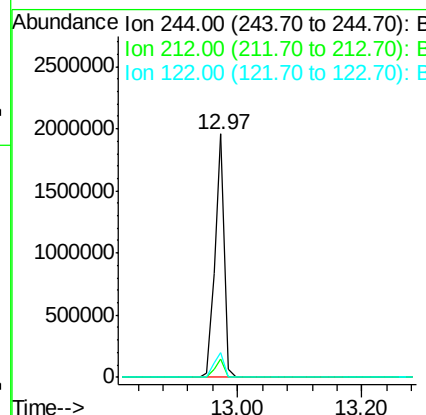
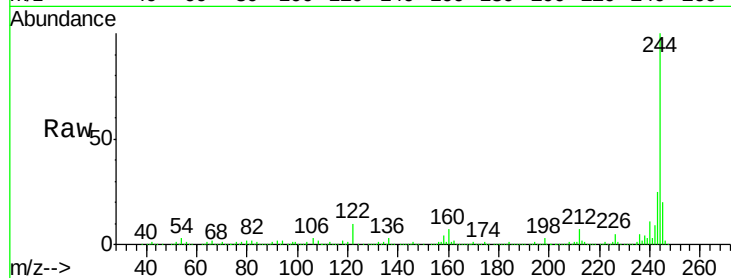


#78
 Terphenyl-d14
 Concen: 74.08 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091342.D
 Acq: 30 Nov 2016 9:36

Instrument :
 BNA_F
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 PB94947TB

Tot Ion:244 Resp: 1994523

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.3	9.5	14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091342.D
 Acq: 30 Nov 2016 9:36

Tgt Ion:264 Resp: 417898

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.1	17.0	25.6

