

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091360.D
 Acq On : 30 Nov 2016 17:56
 Operator : UM/SJ
 Sample : H5767-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-U-S

Quant Time: Dec 01 00:42:22 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

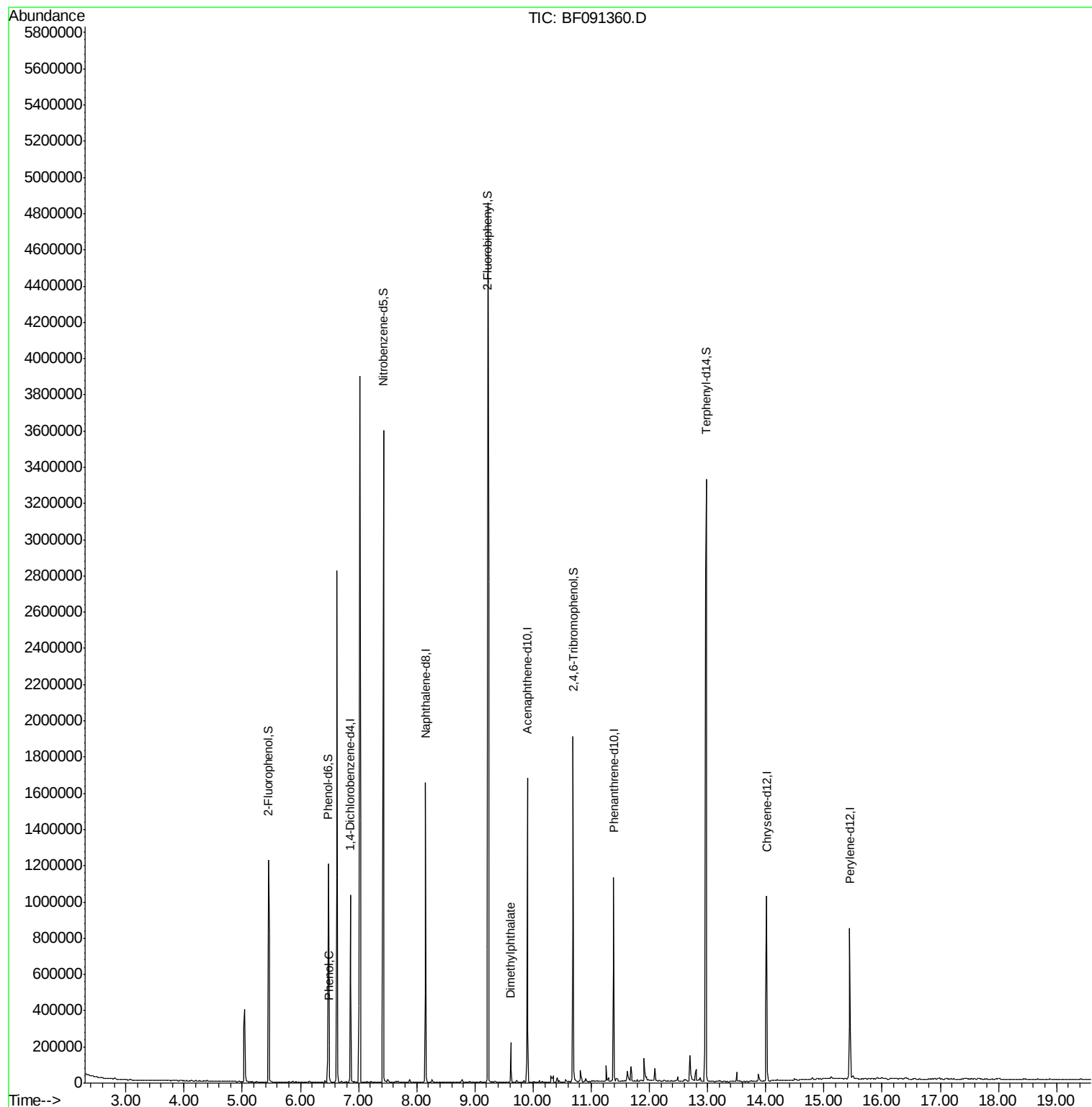
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	177304	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	731814	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	346007	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	498735	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	398751	20.00	ng	-0.03
86) Perylene-d12	15.44	264	379687	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	384691	35.44	ng	-0.02
7) Phenol-d6	6.48	99	322356	24.13	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1232447	94.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	255177	77.90	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1987108	103.98	ng	-0.02
78) Terphenyl-d14	12.97	244	1544692	84.20	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	34261	2.18	ng	91
49) Dimethylphthalate	9.61	163	89154	4.26	ng	96

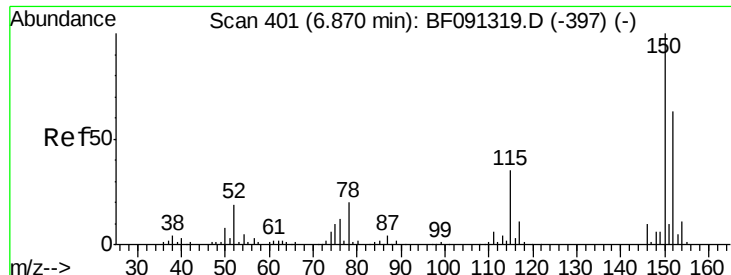
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091360.D

Acq: 30 Nov 2016 17:56

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-U-S

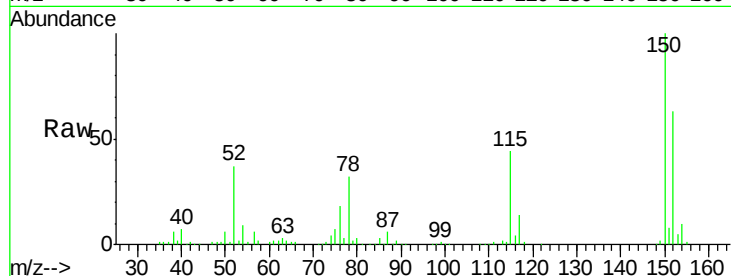
Tot Ion:152 Resp: 177304

Ion Ratio Lower Upper

152 100

150 157.7 122.5 183.7

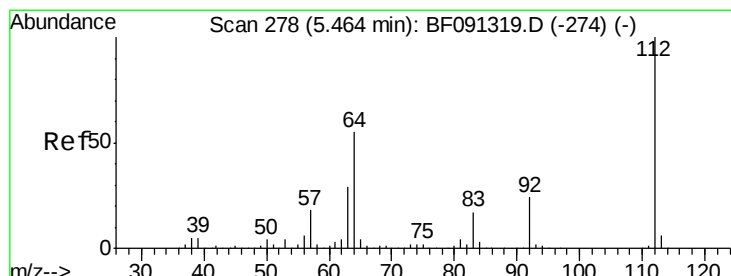
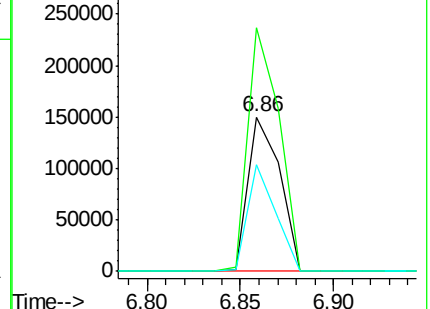
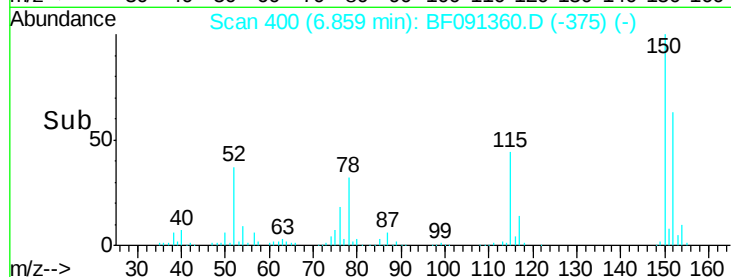
115 68.9 51.8 77.8



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: 35.44 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091360.D

Acq: 30 Nov 2016 17:56

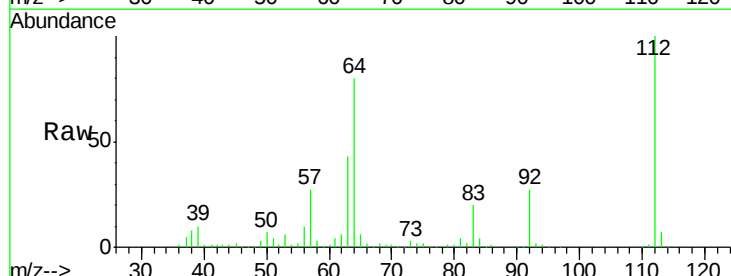
Tgt Ion:112 Resp: 384691

Ion Ratio Lower Upper

112 100

64 79.7 61.5 92.3

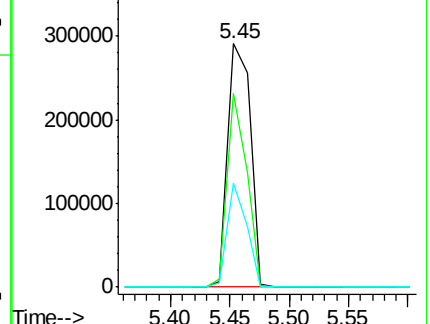
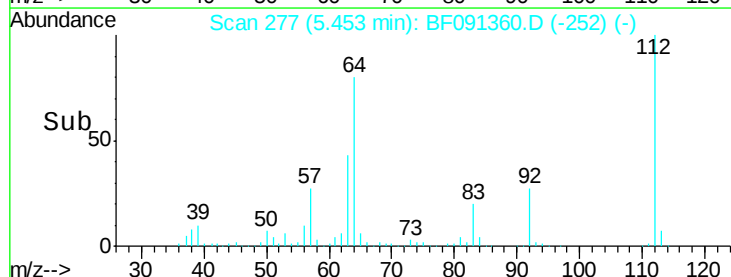
63 42.7 33.3 49.9



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: 24.13 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091360.D

Acq: 30 Nov 2016 17:56

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-U-S

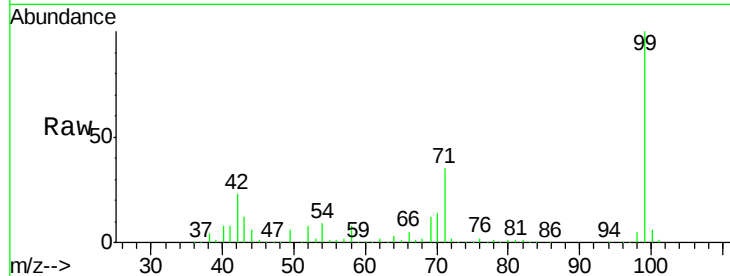
Tot Ion: 99 Resp: 322356

Ion Ratio Lower Upper

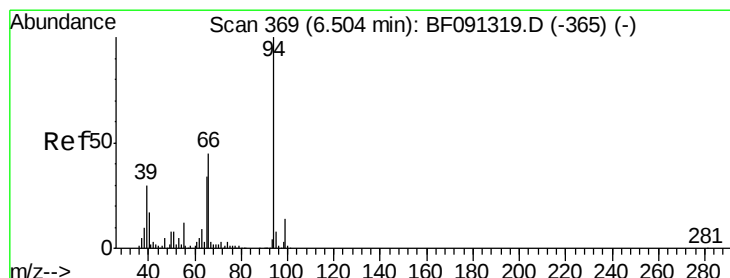
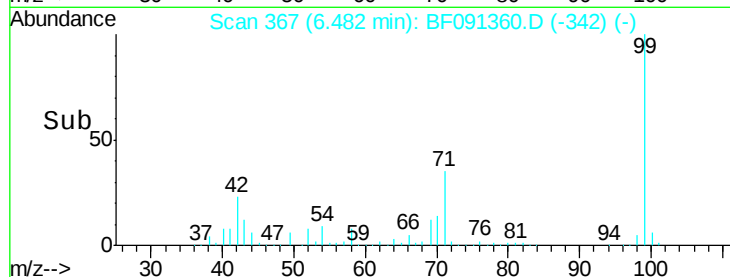
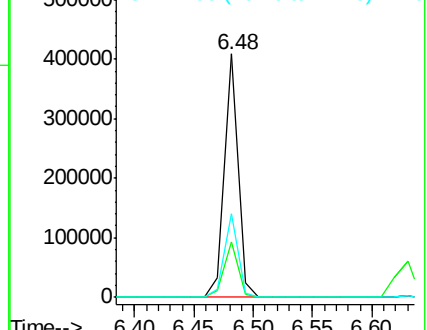
99 100

42 22.9 20.6 31.0

71 34.6 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



#10

Phenol

Concen: 2.18 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF091360.D

Acq: 30 Nov 2016 17:56

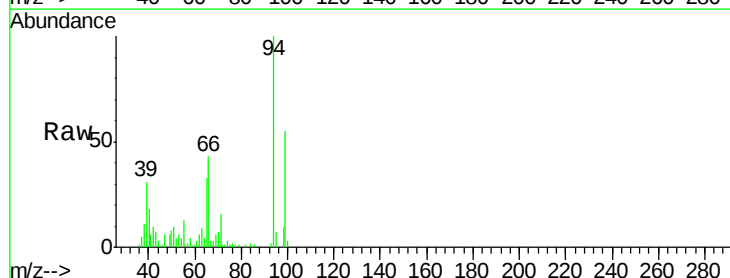
Tgt Ion: 94 Resp: 34261

Ion Ratio Lower Upper

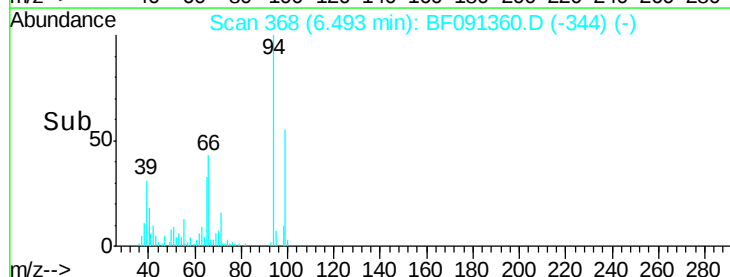
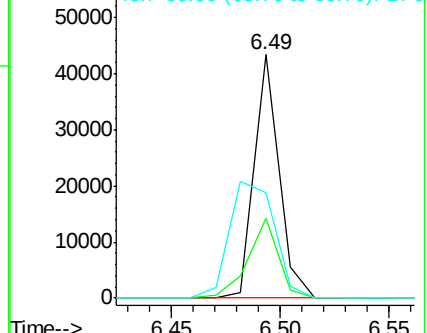
94 100

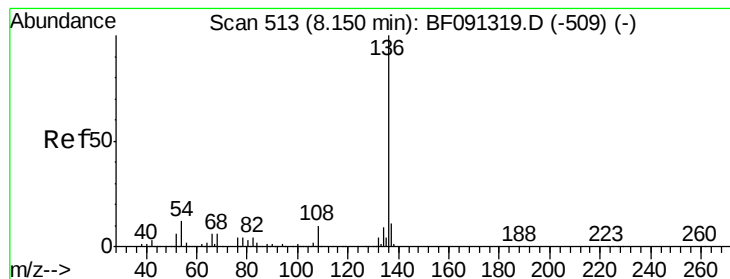
65 32.6 16.9 56.9

66 43.4 30.6 70.6



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091360.D

Acq: 30 Nov 2016 17:56

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-U-S

Tot Ion:136 Resp: 731814

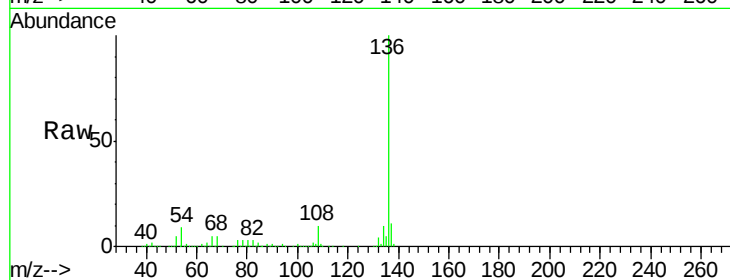
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.4 9.1 13.7

68 4.7 5.9 8.9#

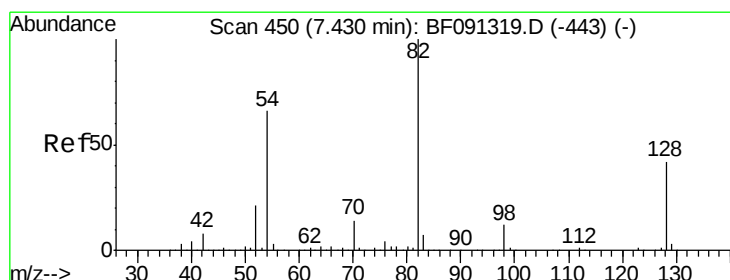
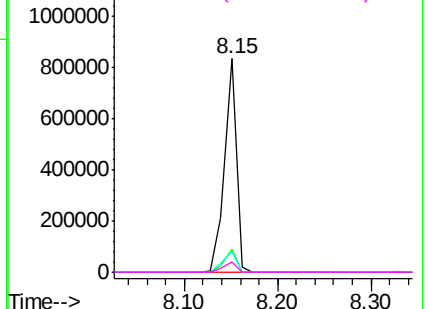
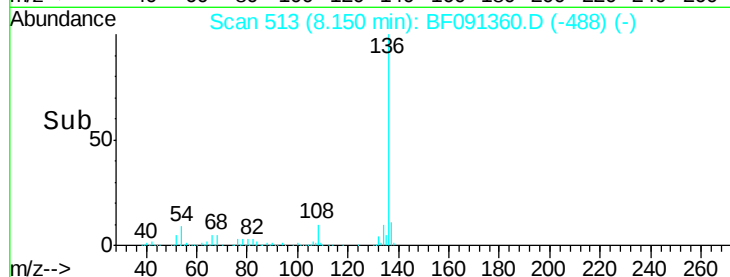


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.38 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091360.D

Acq: 30 Nov 2016 17:56

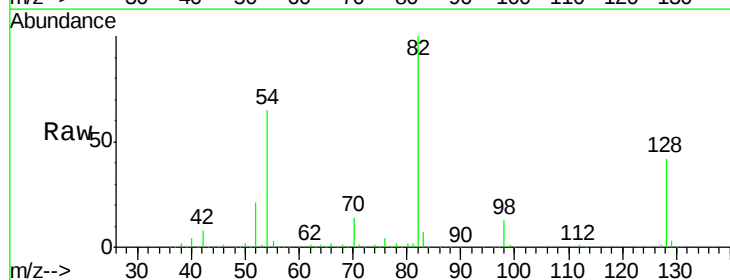
Tgt Ion: 82 Resp: 1232447

Ion Ratio Lower Upper

82 100

128 42.5 31.8 47.6

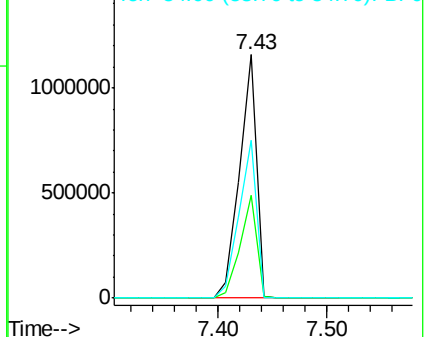
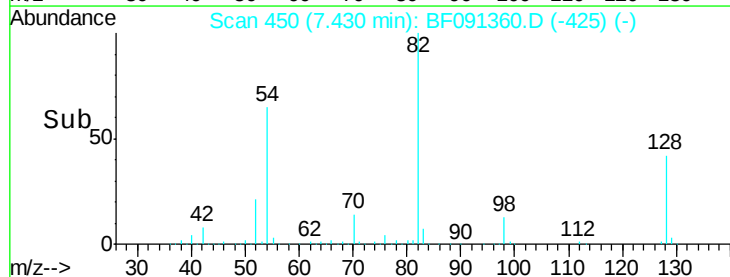
54 64.6 49.1 73.7

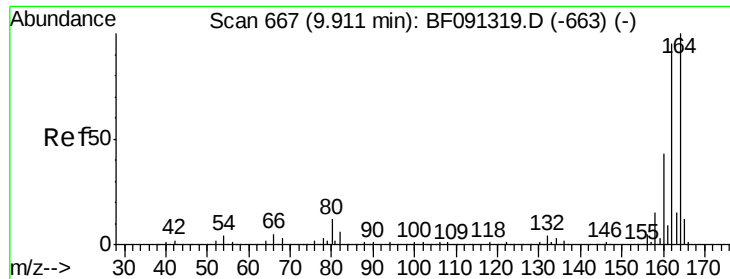


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

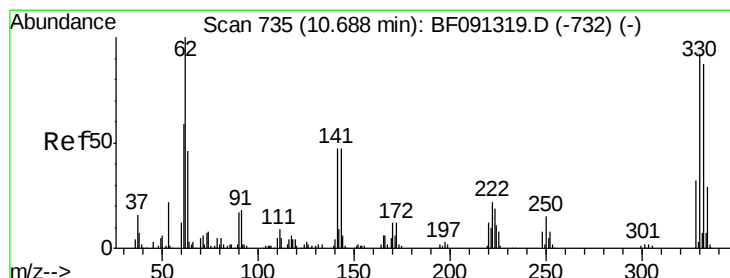
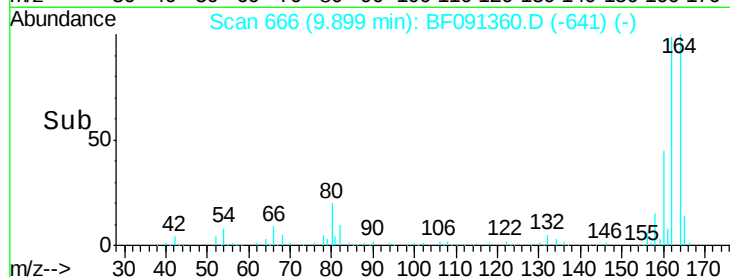
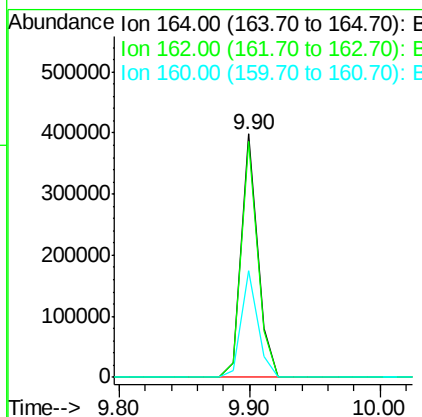
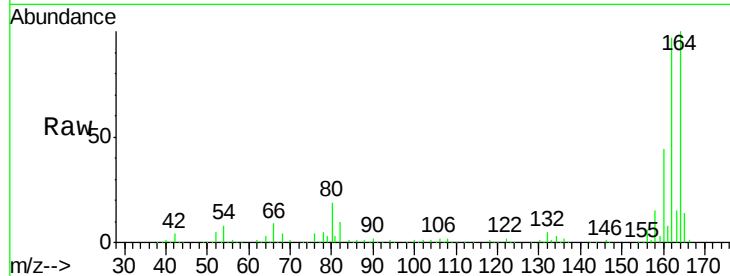




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091360.D
Acq: 30 Nov 2016 17:56

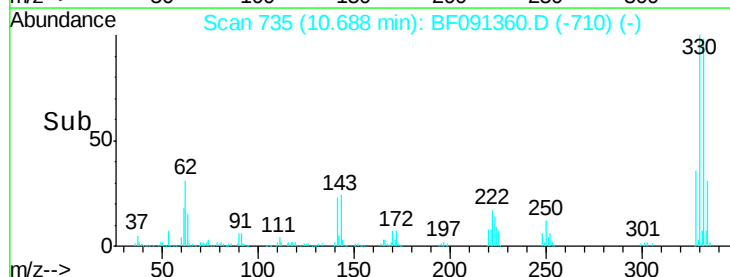
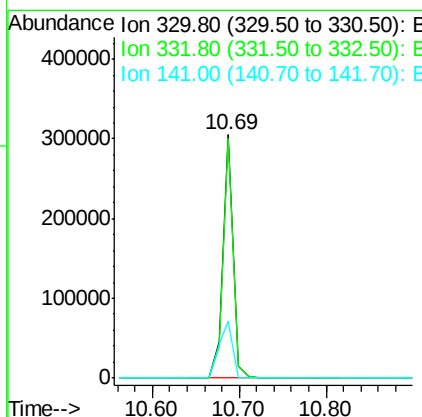
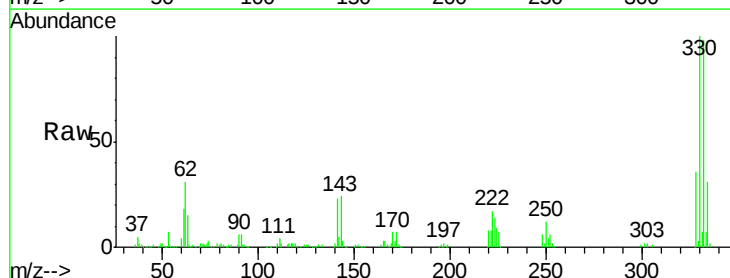
Instrument :
BNA_F
ClientSampleId :
112216-DSDC-E-U-S

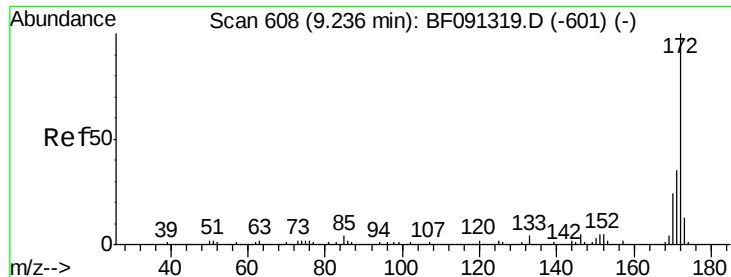
Tot Ion:164 Resp: 346007
Ion Ratio Lower Upper
164 100
162 97.1 82.6 124.0
160 44.0 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 77.90 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091360.D
Acq: 30 Nov 2016 17:56

Tgt Ion:330 Resp: 255177
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 31.2 33.6 50.4#

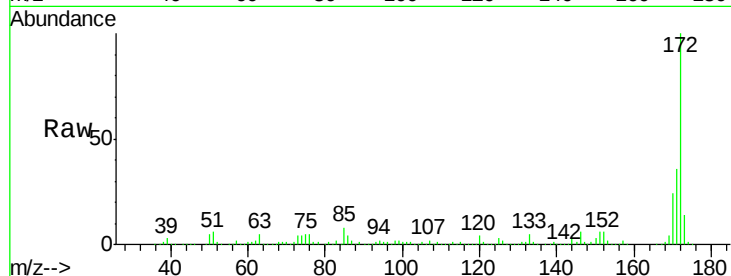




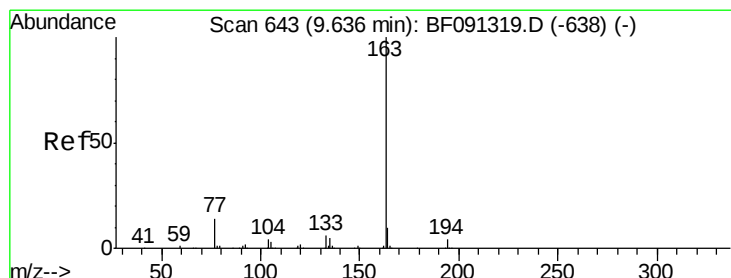
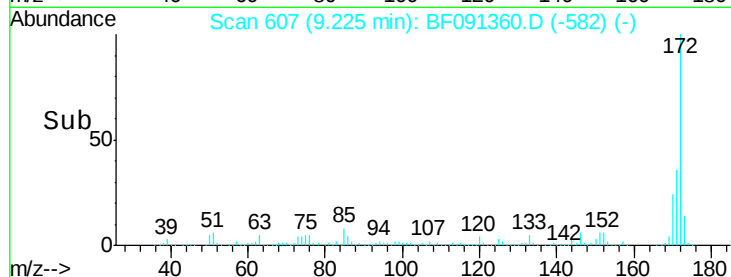
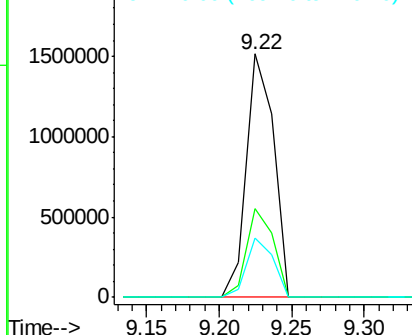
#44
2-Fluorobiphenyl
Concen: 103.98 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091360.D
Acq: 30 Nov 2016 17:56

Instrument :
BNA_F
ClientSampleId :
112216-DSDC-E-U-S

Tot Ion:172 Resp: 1987108
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.3 19.7 29.5

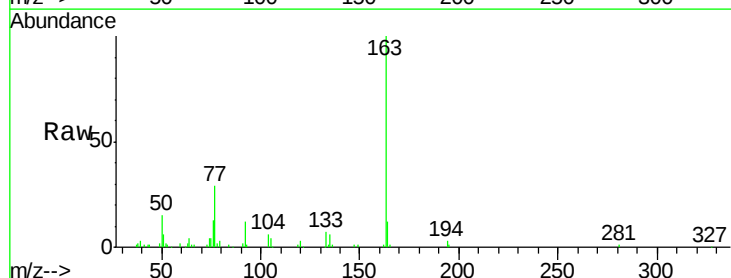


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

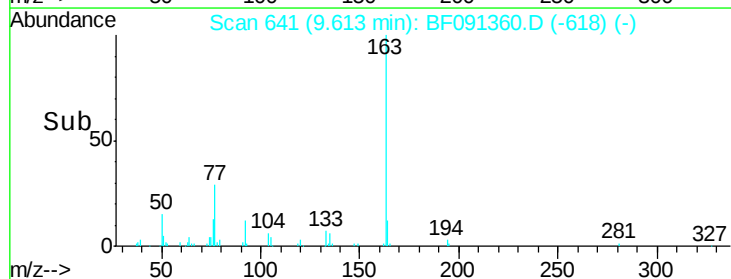
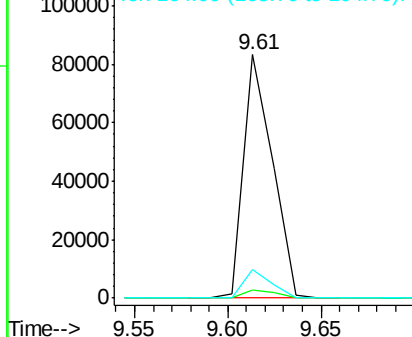


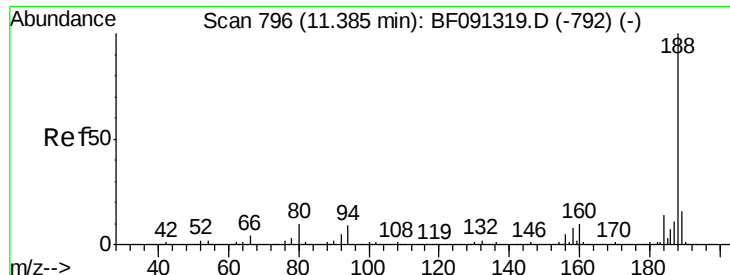
#49
Dimethylphthalate
Concen: 4.26 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091360.D
Acq: 30 Nov 2016 17:56

Tgt Ion:163 Resp: 89154
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 11.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

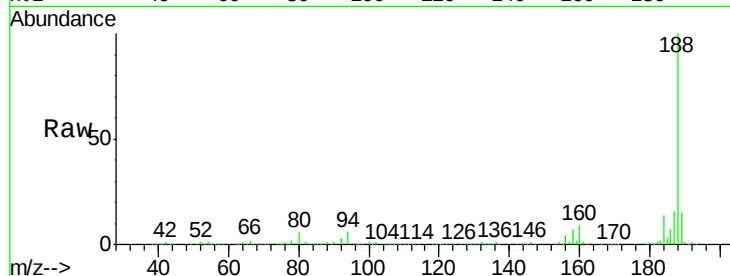




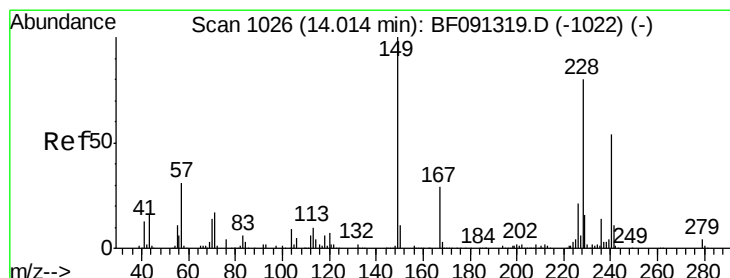
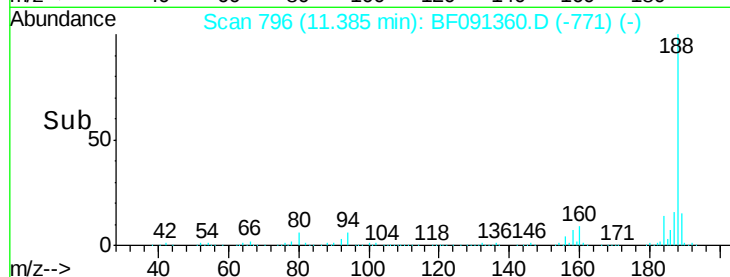
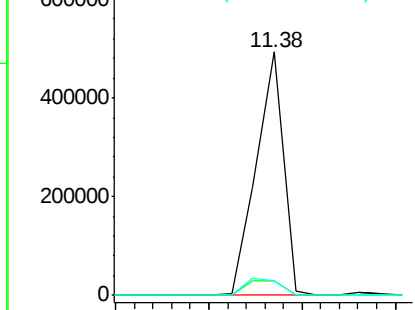
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091360.D
Acq: 30 Nov 2016 17:56

Instrument :
BNA_F
ClientSampleId :
112216-DSDC-E-U-S

Tot Ion:188 Resp: 498735
Ion Ratio Lower Upper
188 100
94 6.2 9.2 13.8#
80 6.0 10.5 15.7#

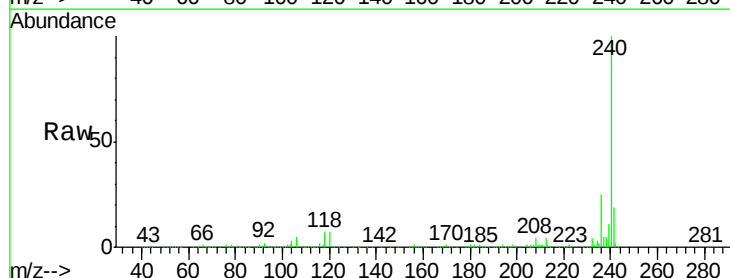


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

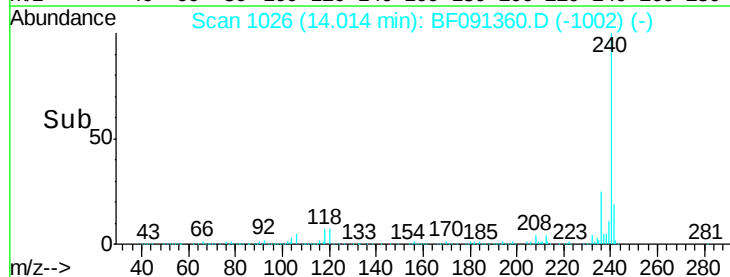
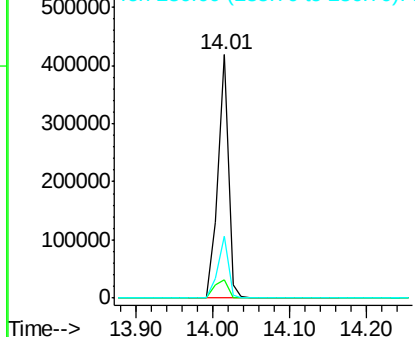


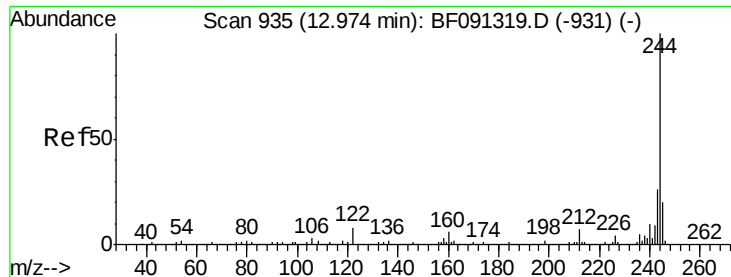
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091360.D
Acq: 30 Nov 2016 17:56

Tgt Ion:240 Resp: 398751
Ion Ratio Lower Upper
240 100
120 7.5 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

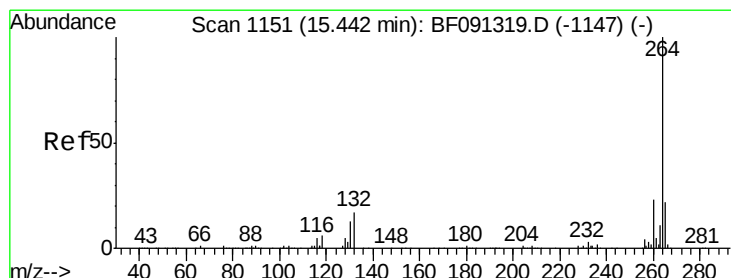
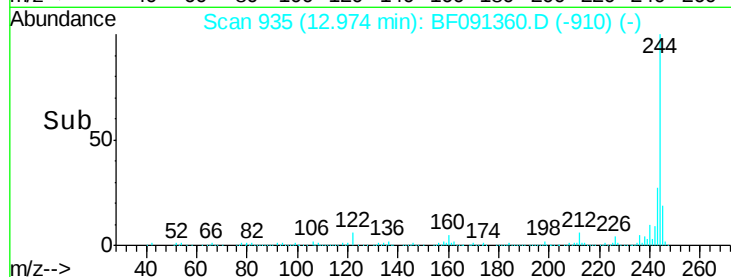
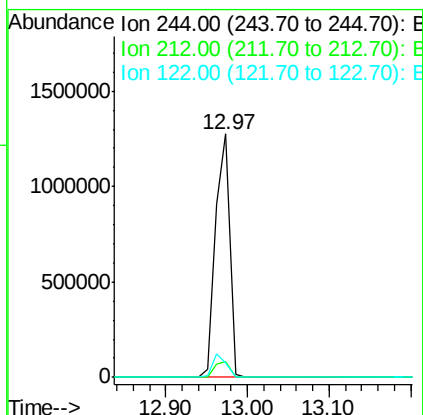
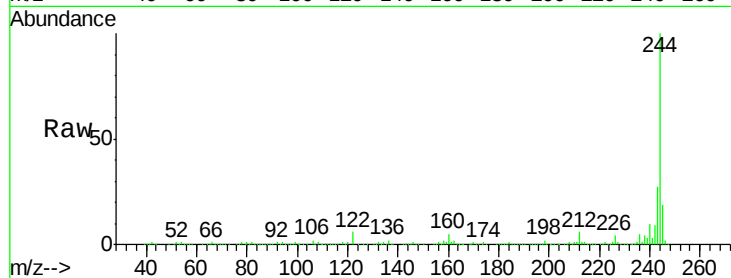




#78
 Terphenyl-d14
 Concen: 84.20 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091360.D
 Acq: 30 Nov 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-U-S

Tot Ion:244 Resp: 1544692
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.5 9.7#
 122 6.0 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: BF091360.D
 Acq: 30 Nov 2016 17:56

Tgt Ion:264 Resp: 379687
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.4 17.0 25.6

