

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 00:05:55 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

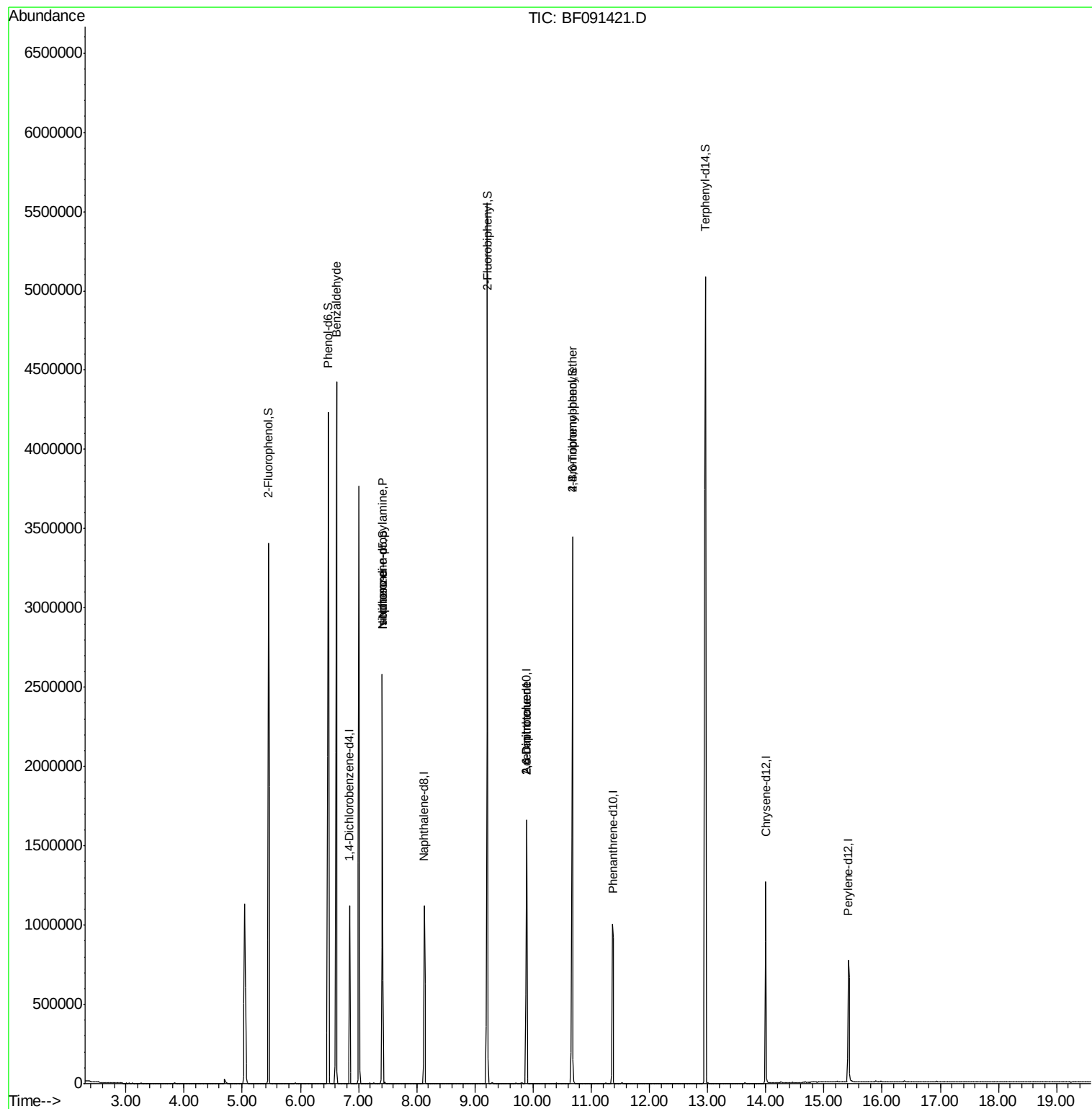
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147726	20.00	ng	-0.03
21) Naphthalene-d8	8.13	136	623689	20.00	ng	-0.04
38) Acenaphthene-d10	9.89	164	388602	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	576706	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	600987	20.00	ng	-0.04
86) Perylene-d12	15.42	264	447962	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1120302	123.89	ng	-0.02
7) Phenol-d6	6.48	99	1441473	129.49	ng	-0.02
23) Nitrobenzene-d5	7.41	82	907096	81.51	ng	-0.04
41) 2,4,6-Tribromophenol	10.68	330	438272	119.13	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	1874422	87.34	ng	-0.03
78) Terphenyl-d14	12.96	244	2206759	79.81	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.62	77	30391	4.25	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.41	70	121926	17.39	ng	# 75
25) Isophorone	7.41	82	712876	36.16	ng	# 67
50) 2,6-Dinitrotoluene	9.89	165	51427	9.78	ng	# 16
56) 2,4-Dinitrotoluene	9.89	165	51429	7.54	ng	# 33
66) 4-Bromophenyl-phenylether	10.68	248	29433	4.75	ng	# 1

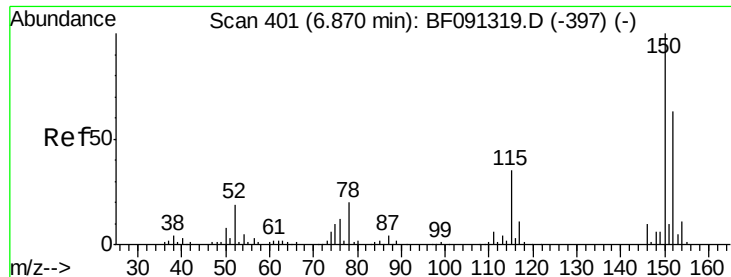
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 00:05:55 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

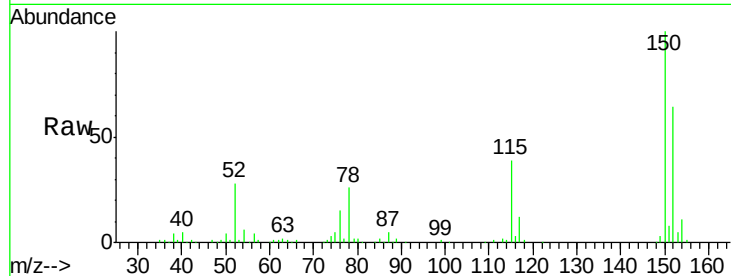




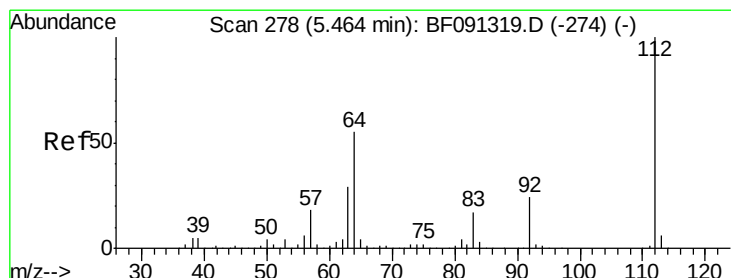
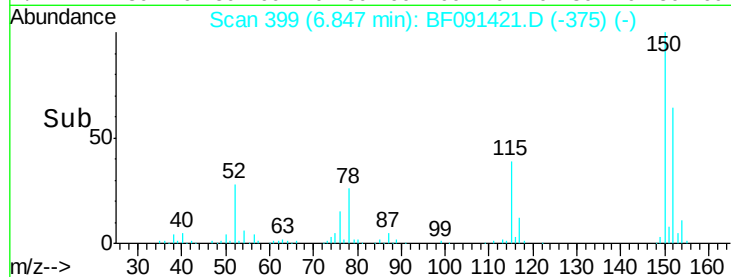
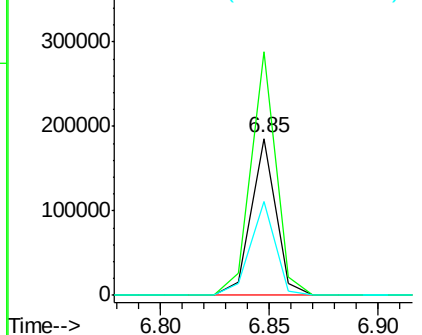
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.03 min
 Lab File: BF091421.D
 Acq: 5 Dec 2016 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BL

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

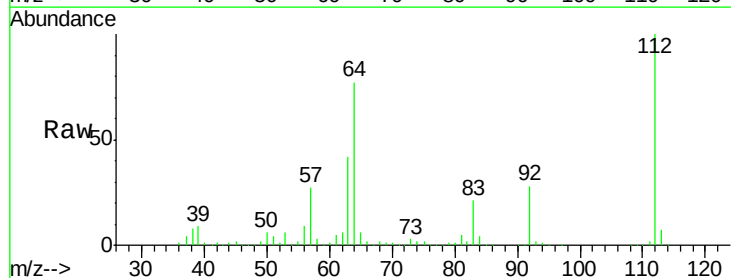


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

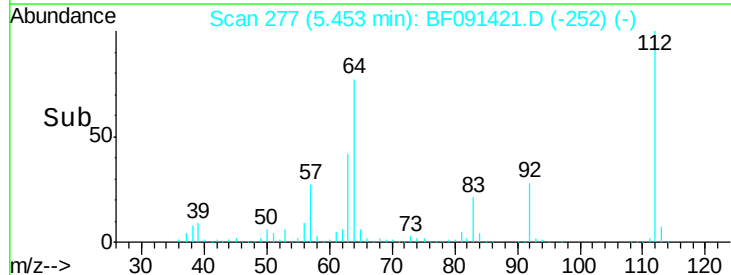
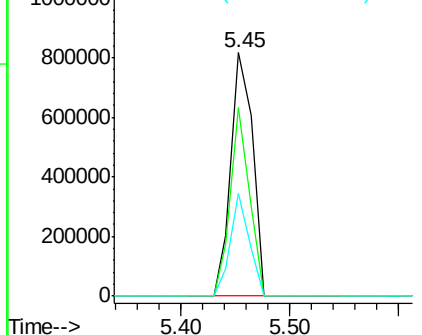


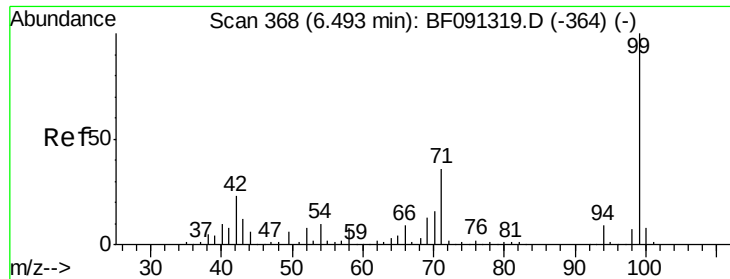
#5
 2-Fluorophenol
 Concen: 123.89 ng
 RT: 5.45 min Scan# 277
 Delta R.T. -0.02 min
 Lab File: BF091421.D
 Acq: 5 Dec 2016 16:46

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. -0.02 min

Lab File: BF091421.D

Acq: 5 Dec 2016 16:46

Instrument :

BNA_F

ClientSampled :

PB95045BL

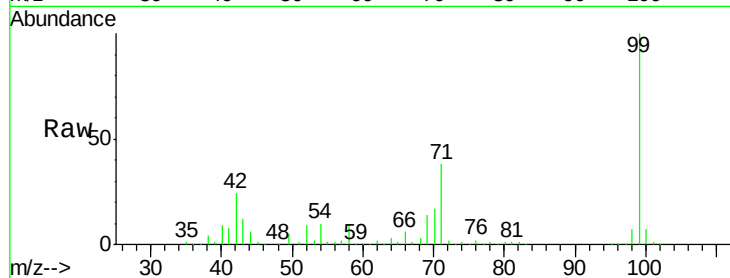
Tgt Ion: 99 Resp: 1441473

Ion Ratio Lower Upper

99 100

42 23.7 20.6 31.0

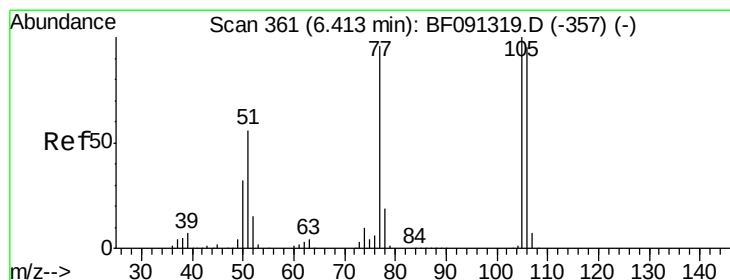
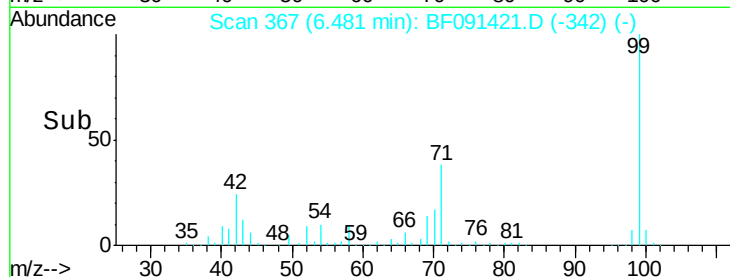
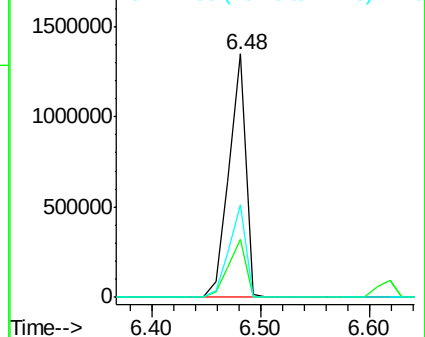
71 37.9 29.9 44.9



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



#9

Benzaldehyde

Concen: 4.25 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.20 min

Lab File: BF091421.D

Acq: 5 Dec 2016 16:46

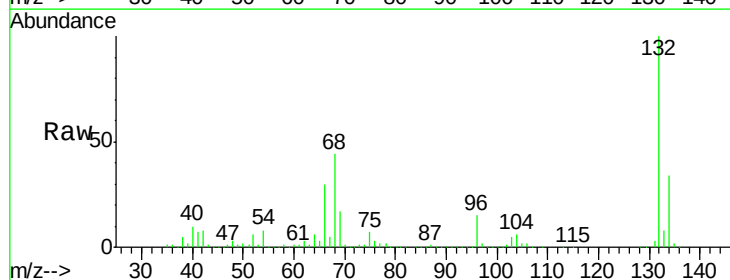
Tgt Ion: 77 Resp: 30391

Ion Ratio Lower Upper

77 100

105 78.7 66.4 106.4

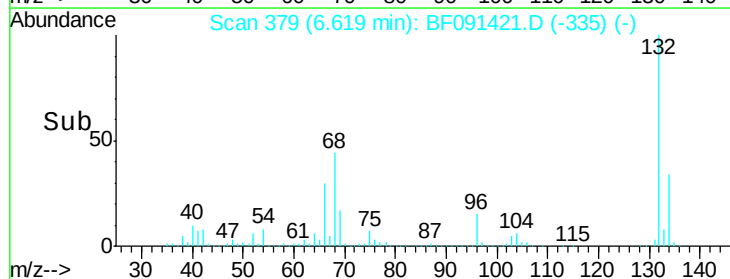
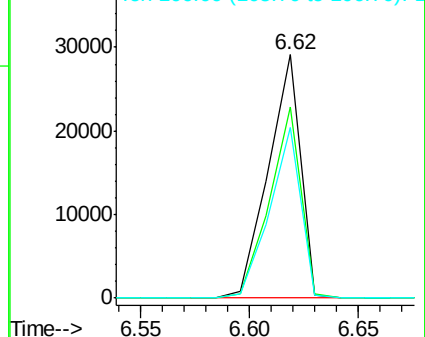
106 70.3 60.9 100.9

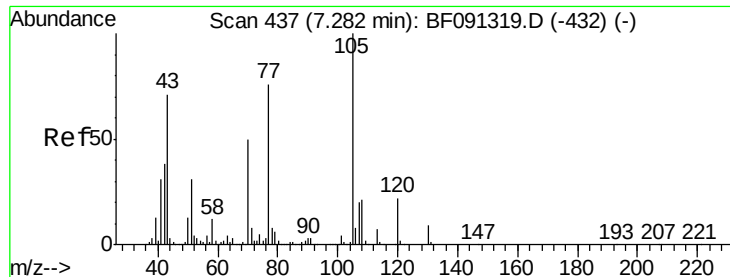


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

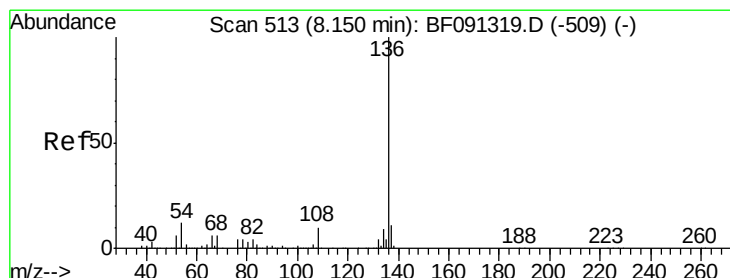
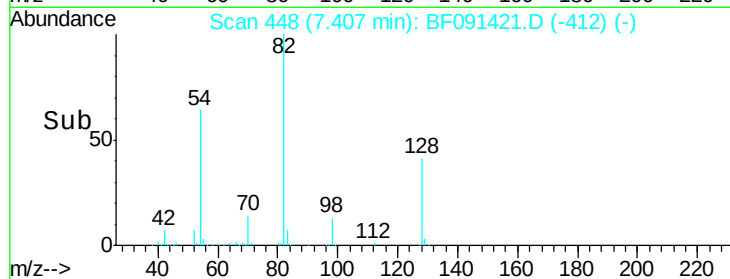
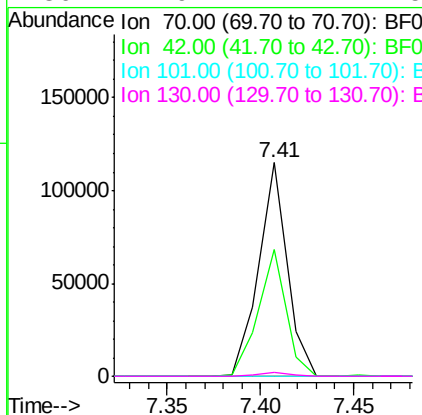
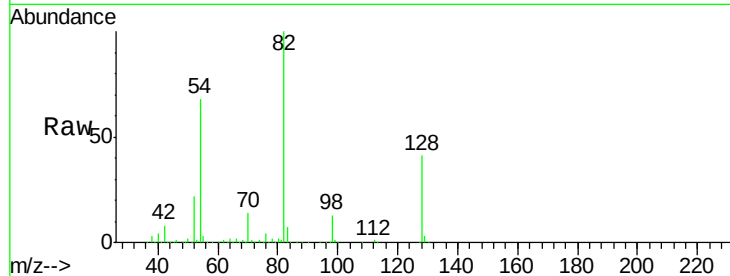




#19
n-Nitroso-di-n-propylamine
Concen: 17.39 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.11 min
Lab File: BF091421.D
Acq: 5 Dec 2016 16:46

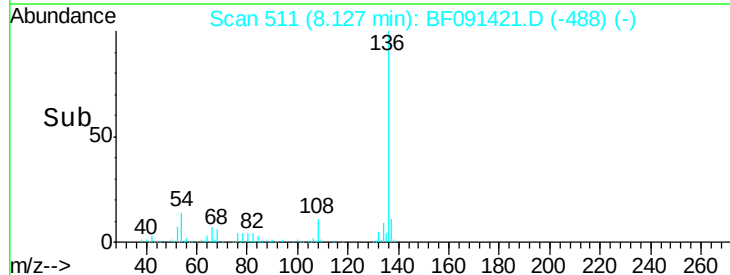
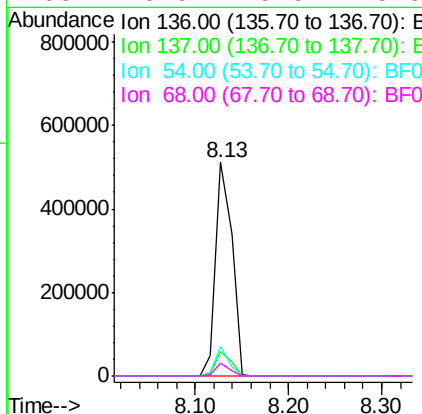
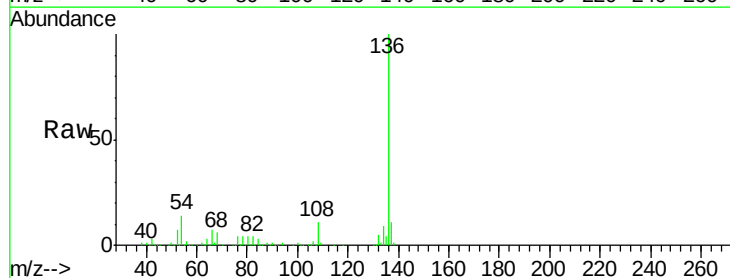
Instrument :
BNA_F
ClientSampleId :
PB95045BL

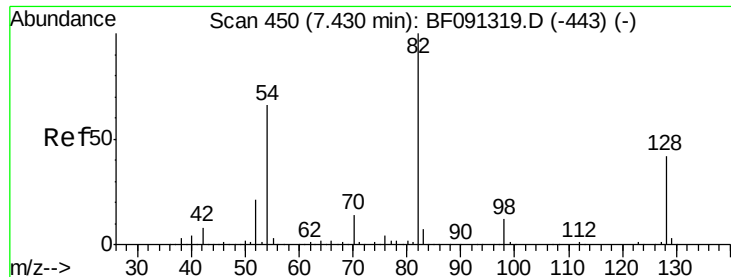
Tgt Ion: 70 Resp: 121926
Ion Ratio Lower Upper
70 100
42 59.6 64.8 97.2#
101 0.0 6.2 9.4#
130 1.9 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 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

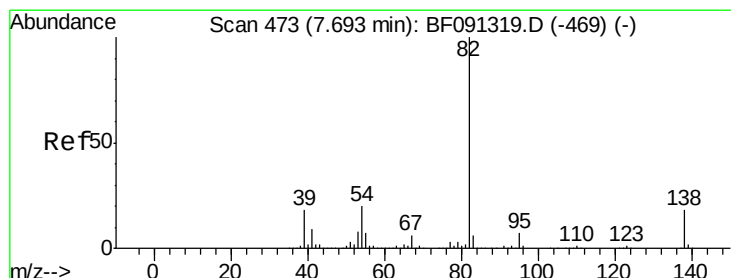
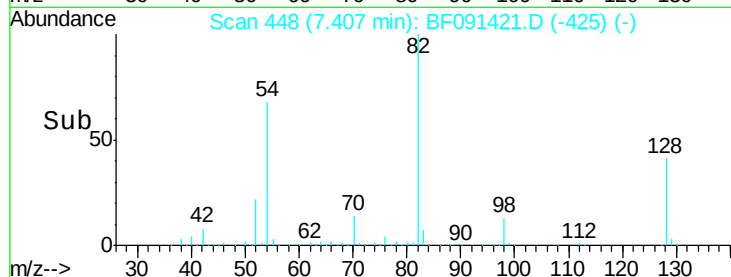
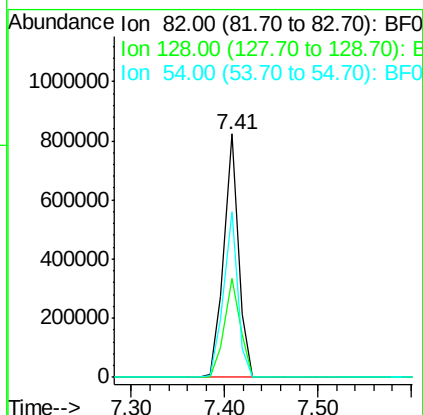
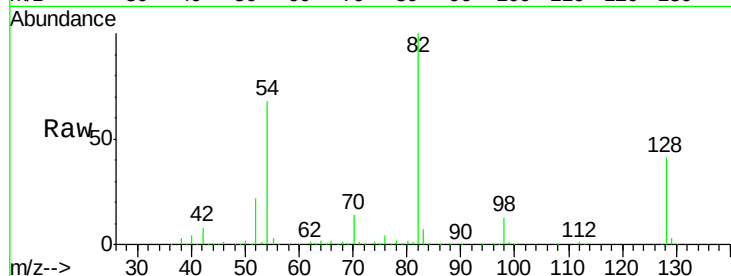




#23
 Nitrobenzene-d5
 Concen: 81.51 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.04 min
 Lab File: BF091421.D
 Acq: 5 Dec 2016 16:46

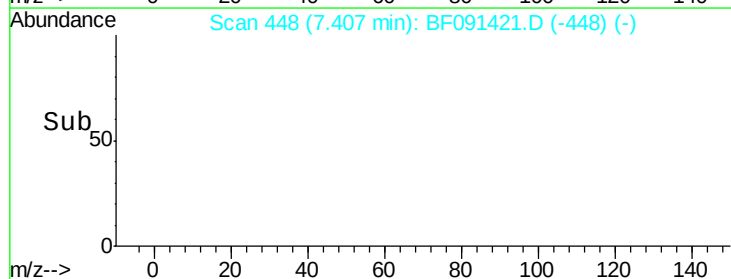
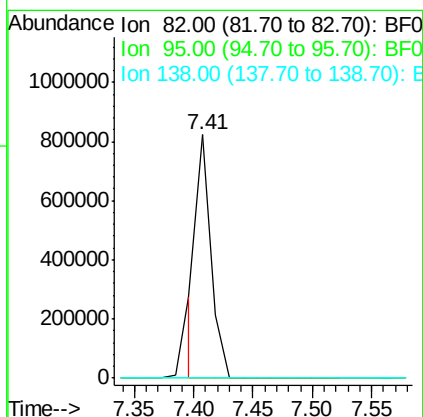
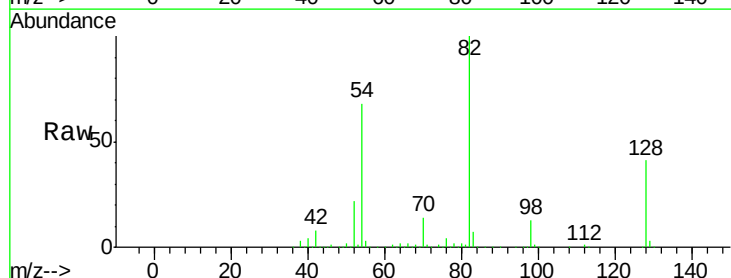
Instrument :
 BNA_F
 ClientSampleId :
 PB95045BL

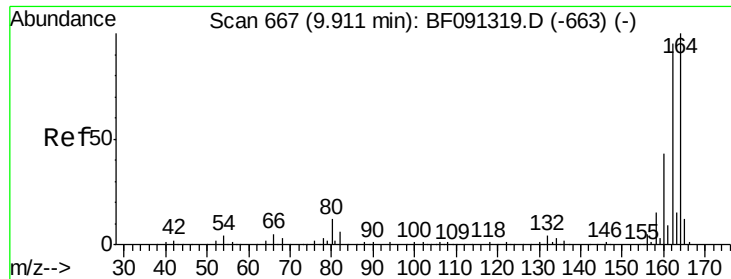
Tgt Ion: 82 Resp: 907096
 Ion Ratio Lower Upper
 82 100
 128 40.6 31.8 47.6
 54 67.8 49.1 73.7



#25
 Isophorone
 Concen: 36.16 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.30 min
 Lab File: BF091421.D
 Acq: 5 Dec 2016 16:46

Tgt Ion: 82 Resp: 712876
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.4 20.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF091421.D

Acq: 5 Dec 2016 16:46

Instrument :

BNA_F

ClientSampled :

PB95045BL

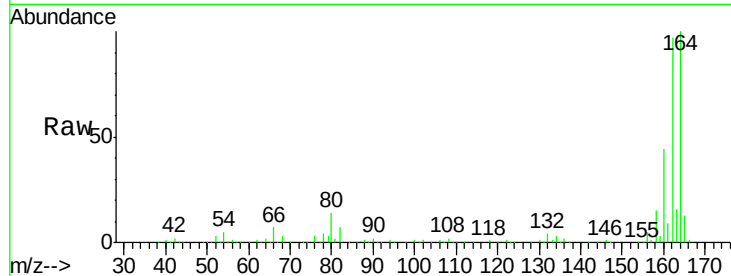
Tgt Ion:164 Resp: 388602

Ion Ratio Lower Upper

164 100

162 96.8 82.6 124.0

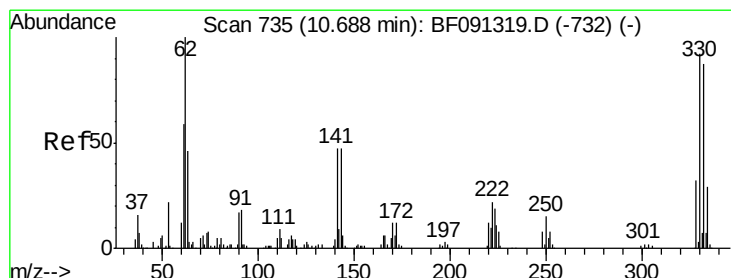
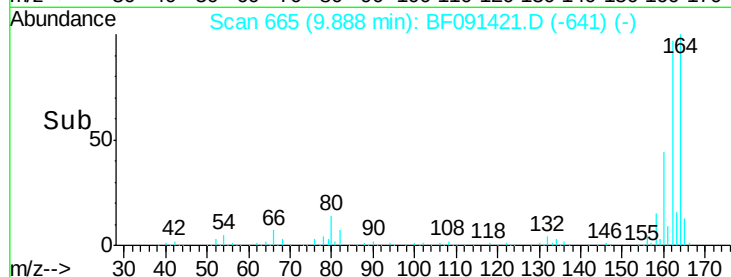
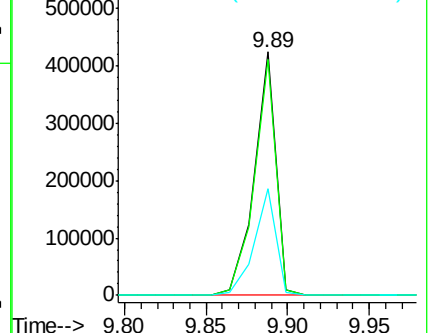
160 43.9 36.7 55.1



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. -0.03 min

Lab File: BF091421.D

Acq: 5 Dec 2016 16:46

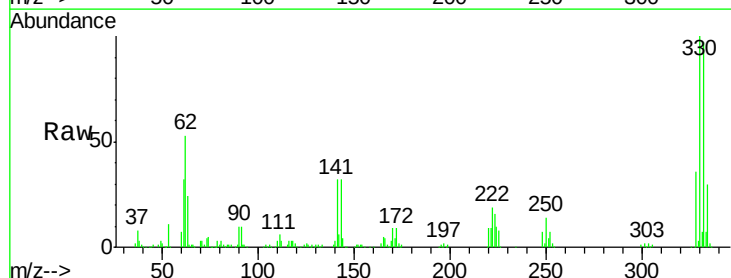
Tgt Ion:330 Resp: 438272

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

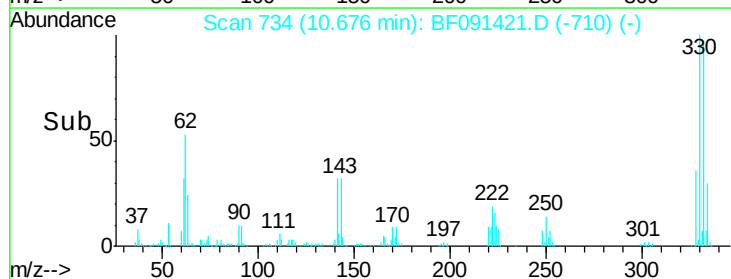
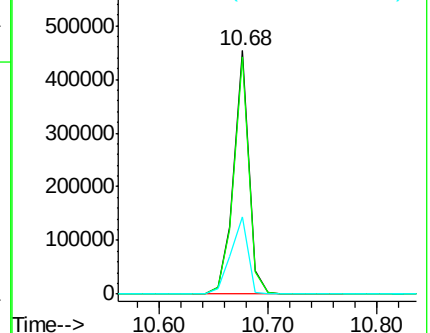
141 35.5 33.6 50.4

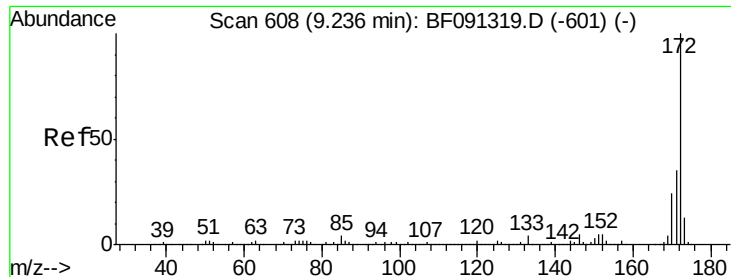


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

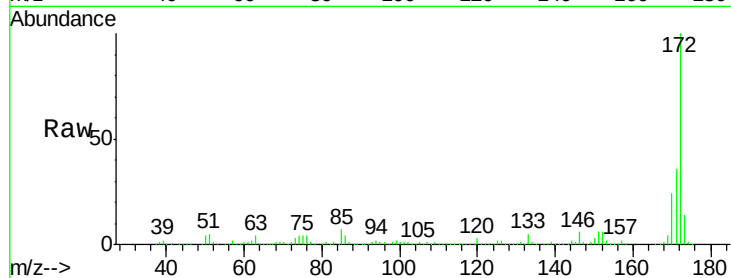




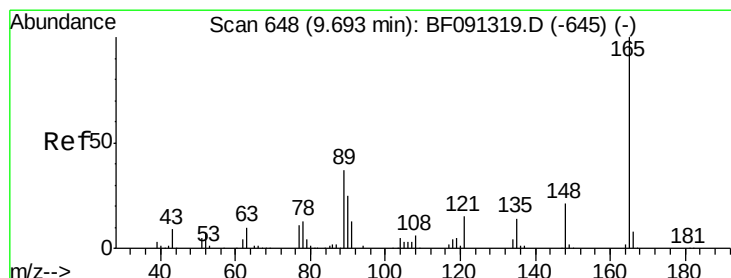
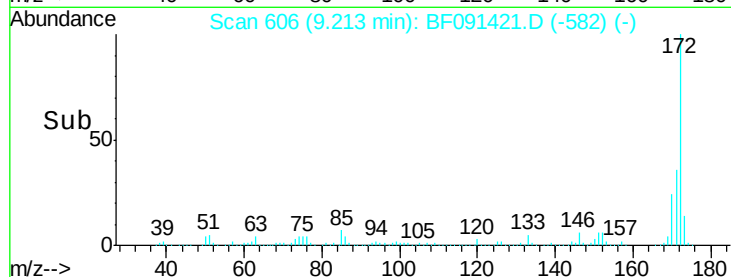
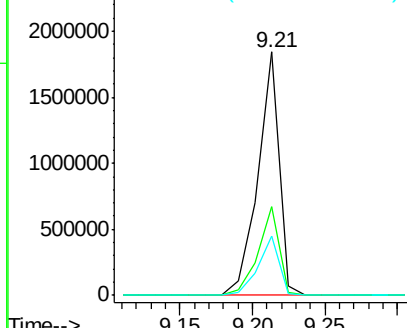
#44
 2-Fluorobiphenyl
 Concen: 87.34 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF091421.D
 Acq: 5 Dec 2016 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BL

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

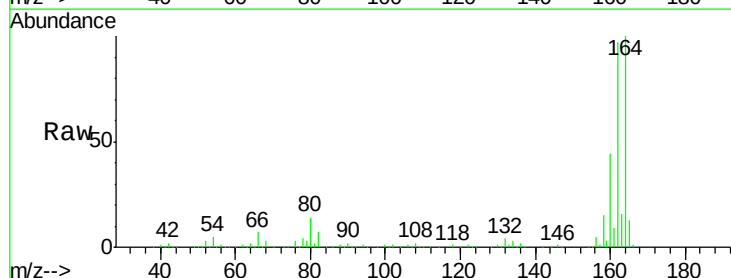


Abundance Ion 172.00 (171.70 to 172.70): E
 2500000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

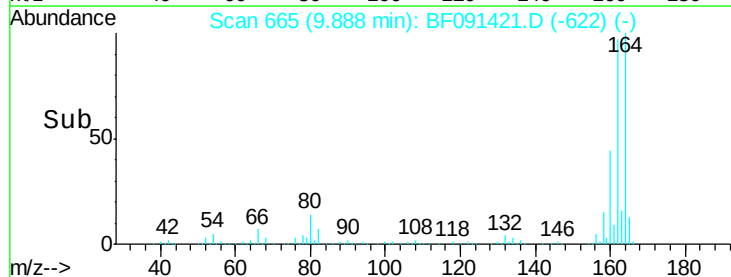
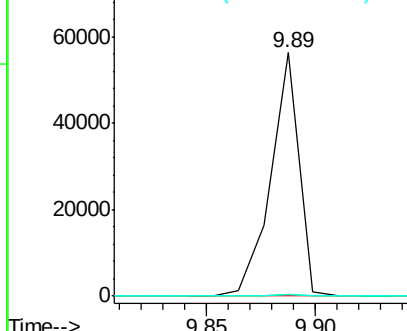


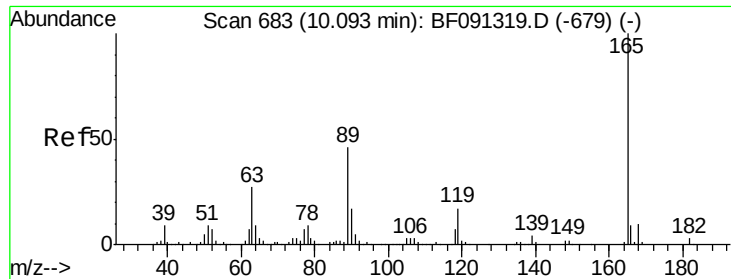
#50
 2,6-Dinitrotoluene
 Concen: 9.78 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.19 min
 Lab File: BF091421.D
 Acq: 5 Dec 2016 16:46

Tgt Ion:165 Resp: 51427
 Ion Ratio Lower Upper
 165 100
 63 0.8 59.4 89.0#
 89 0.9 50.8 76.2#



Abundance Ion 165.00 (164.70 to 165.70): E
 60000
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 7.54 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.21 min

Lab File: BF091421.D

Acq: 5 Dec 2016 16:46

Instrument :

BNA_F

ClientSampleId :

PB95045BL

Tgt Ion:165 Resp: 51429

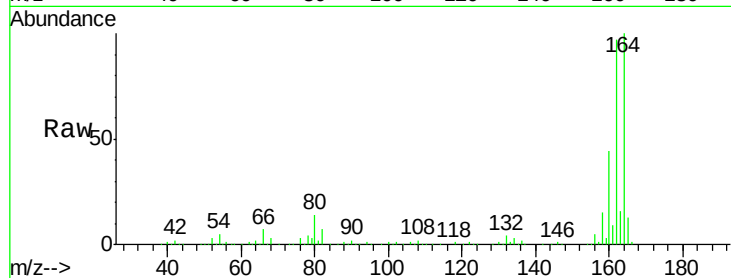
Ion Ratio Lower Upper

165 100

63 0.8 29.0 43.4#

89 0.9 43.1 64.7#

182 0.0 1.9 2.9#

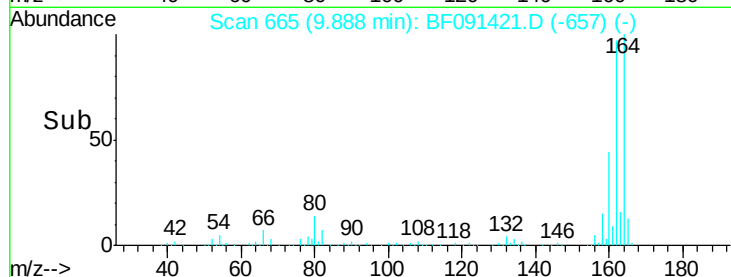


Abundance Ion 165.00 (164.70 to 165.70): E

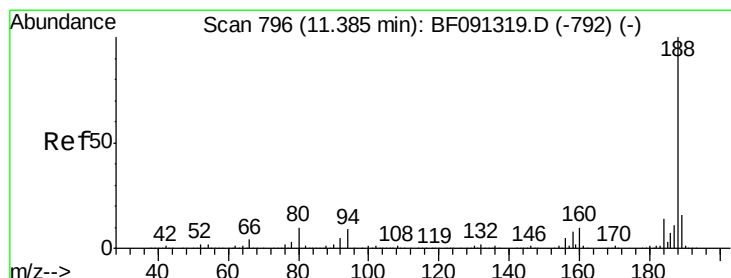
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF091421.D

Acq: 5 Dec 2016 16:46

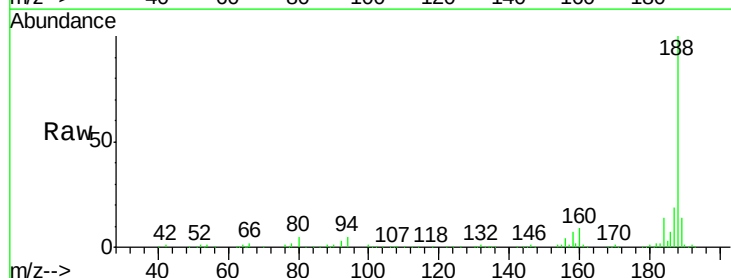
Tgt Ion:188 Resp: 576706

Ion Ratio Lower Upper

188 100

94 4.6 9.2 13.8#

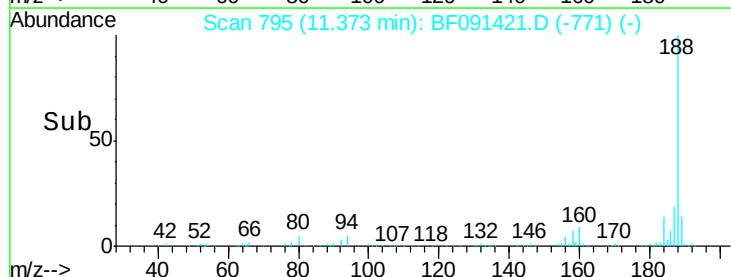
80 4.6 10.5 15.7#



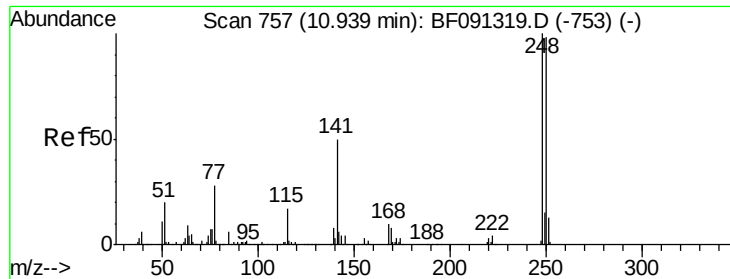
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



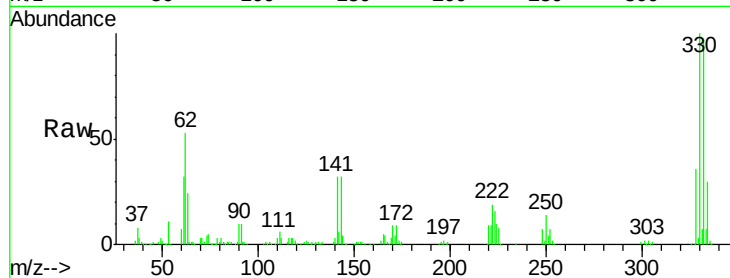
Time-->



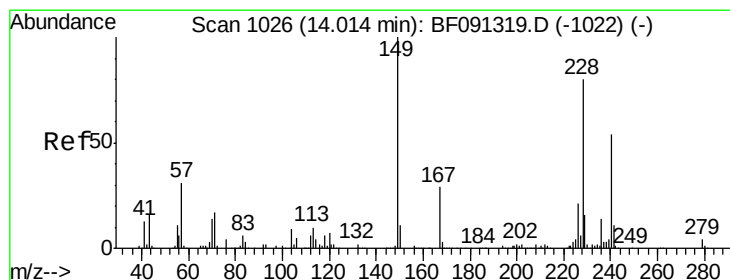
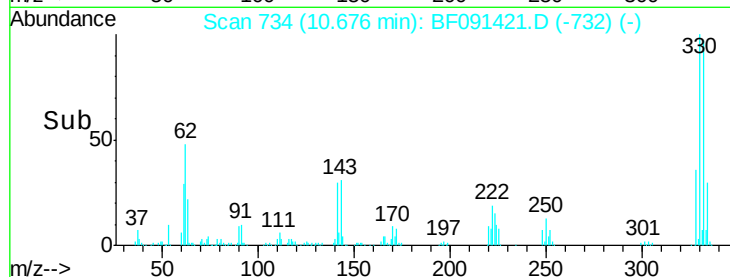
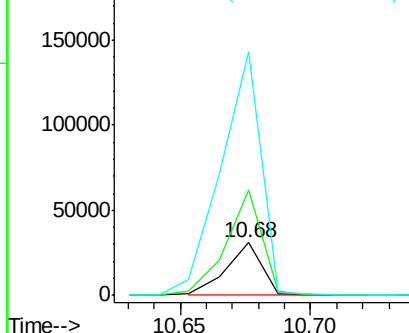
#66
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.28 min
Lab File: BF091421.D
Acq: 5 Dec 2016 16:46

Instrument :
BNA_F
ClientSampleId :
PB95045BL

Tgt Ion:248 Resp: 29433
Ion Ratio Lower Upper
248 100
250 198.5 78.2 117.4#
141 461.1 71.9 107.9#

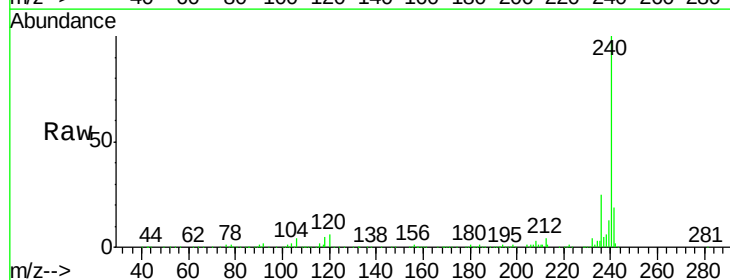


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

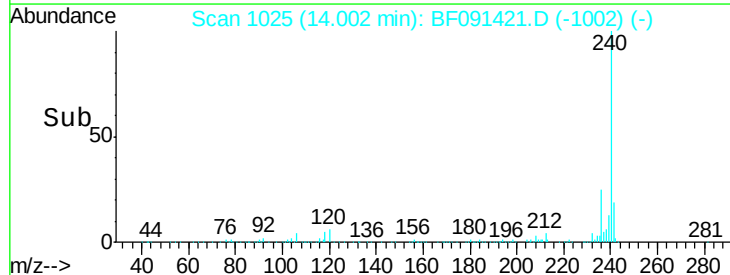
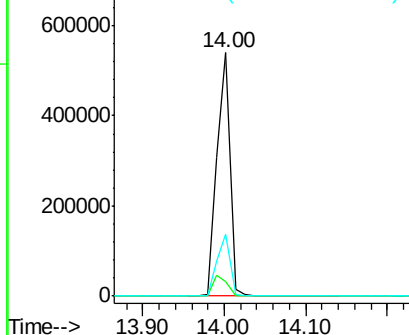


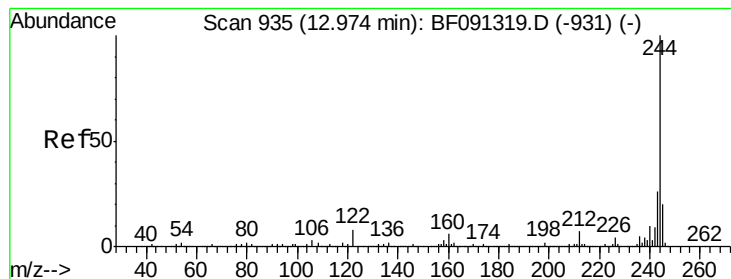
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.04 min
Lab File: BF091421.D
Acq: 5 Dec 2016 16:46

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. -0.03 min

Lab File: BF091421.D

Acq: 5 Dec 2016 16:46

Instrument :

BNA_F

ClientSampleId :

PB95045BL

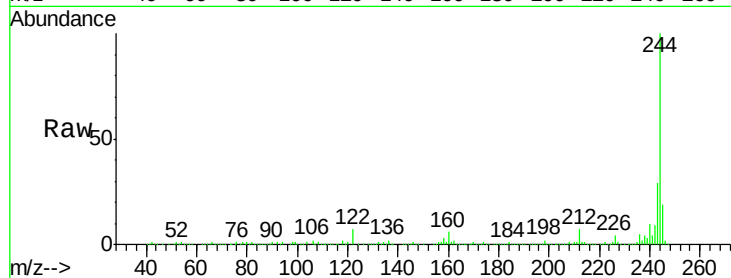
Tgt Ion:244 Resp: 2206759

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

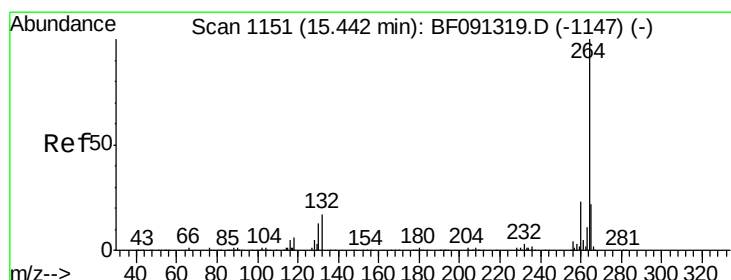
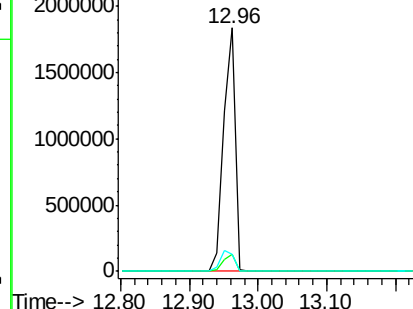
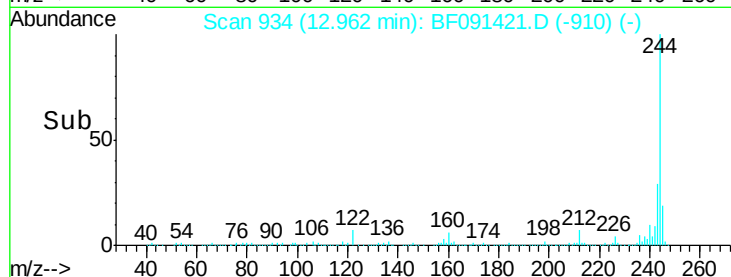
122 7.1 9.5 14.3#



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. -0.05 min

Lab File: BF091421.D

Acq: 5 Dec 2016 16:46

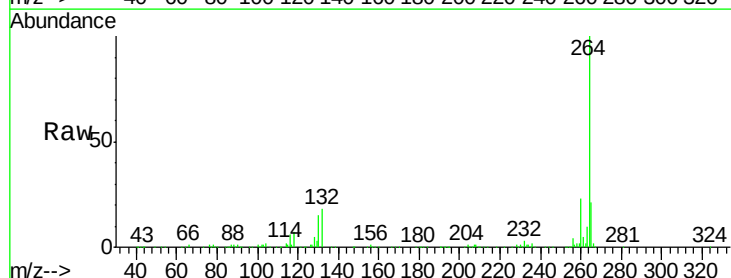
Tgt Ion:264 Resp: 447962

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

