

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091463.D
 Acq On : 6 Dec 2016 17:21
 Operator : UM/SJ
 Sample : PB95074BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95074BL

Quant Time: Dec 07 00:01:56 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

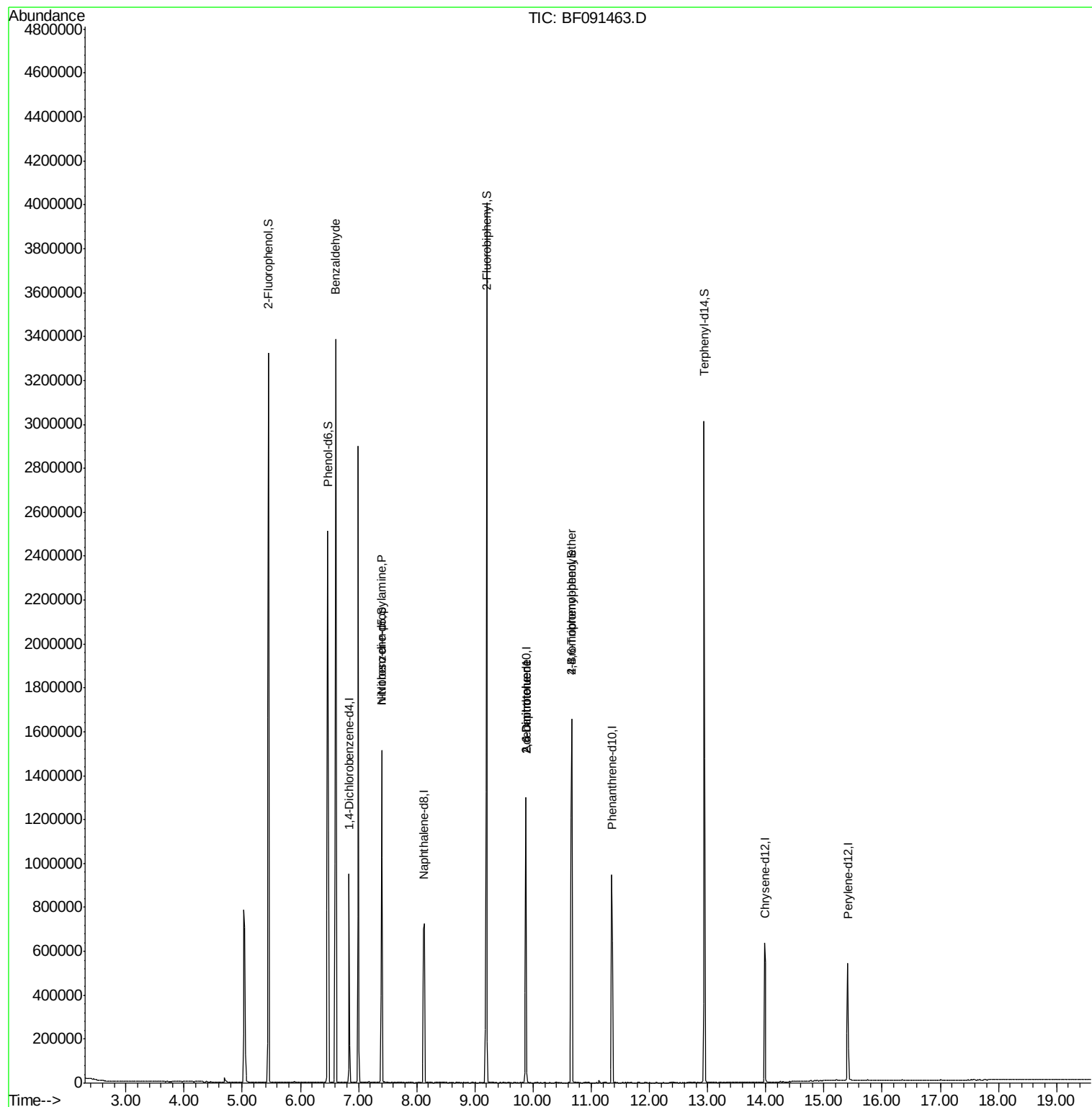
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130218	20.00	ng	-0.04
21) Naphthalene-d8	8.13	136	512815	20.00	ng	-0.04
38) Acenaphthene-d10	9.88	164	312197	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	484932	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	339109	20.00	ng	-0.05
86) Perylene-d12	15.41	264	263628	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	895817	112.38	ng	-0.02
7) Phenol-d6	6.47	99	1031342	105.11	ng	-0.03
23) Nitrobenzene-d5	7.40	82	654692	71.55	ng	-0.05
41) 2,4,6-Tribromophenol	10.66	330	296776	100.41	ng	-0.04
44) 2-Fluorobiphenyl	9.20	172	1346283	78.08	ng	-0.04
78) Terphenyl-d14	12.94	244	1189901	76.27	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.61	77	20999	3.33	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.40	70	87423	14.14	ng	# 73
50) 2,6-Dinitrotoluene	9.88	165	41271	9.77	ng	# 16
56) 2,4-Dinitrotoluene	9.88	165	41274	7.53	ng	# 33
66) 4-Bromophenyl-phenylether	10.66	248	18077	3.47	ng	# 1

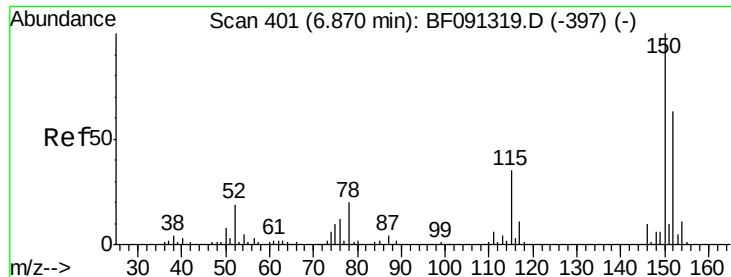
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 29 13:33:46 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.04 min

Lab File: BF091463.D

Acq: 6 Dec 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB95074BL

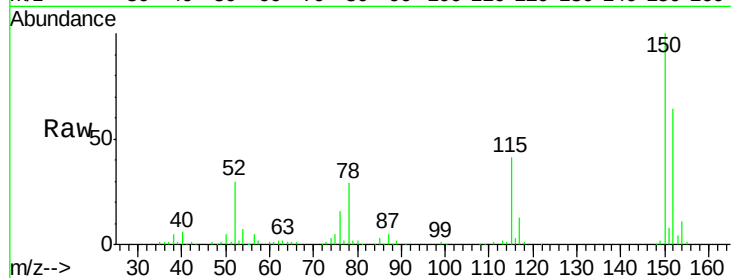
Tgt Ion:152 Resp: 130218

Ion Ratio Lower Upper

152 100

150 155.6 122.5 183.7

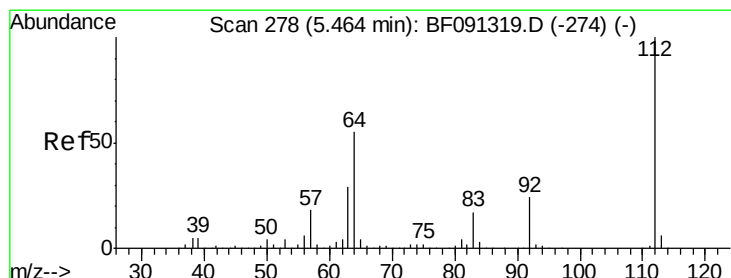
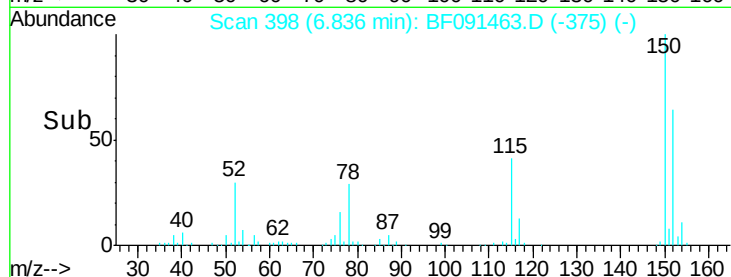
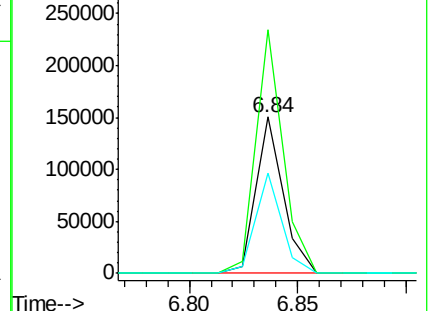
115 64.4 51.8 77.8



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: 112.38 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091463.D

Acq: 6 Dec 2016 17:21

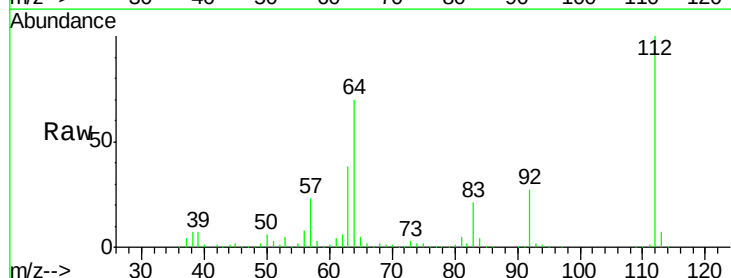
Tgt Ion:112 Resp: 895817

Ion Ratio Lower Upper

112 100

64 69.9 61.5 92.3

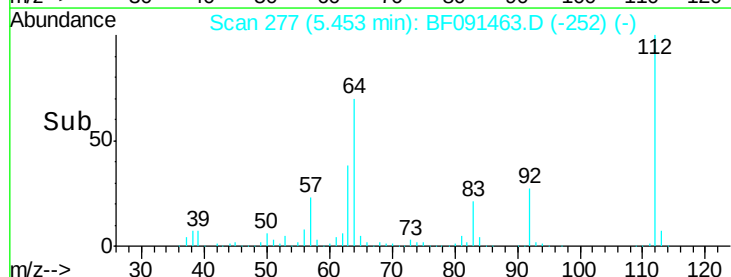
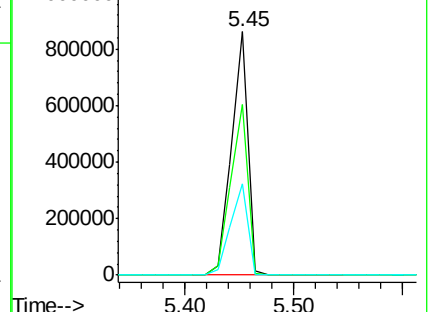
63 37.5 33.3 49.9

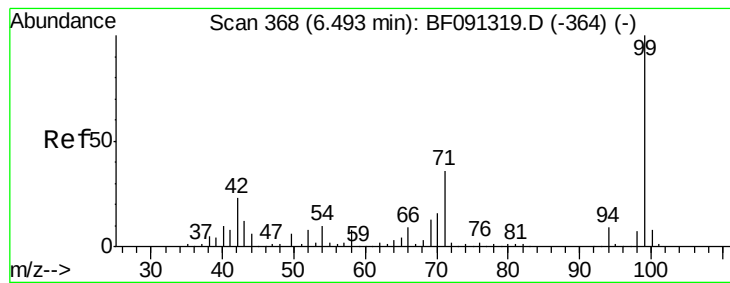


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.11 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091463.D

Acq: 6 Dec 2016 17:21

Instrument :

BNA_F

ClientSampled :

PB95074BL

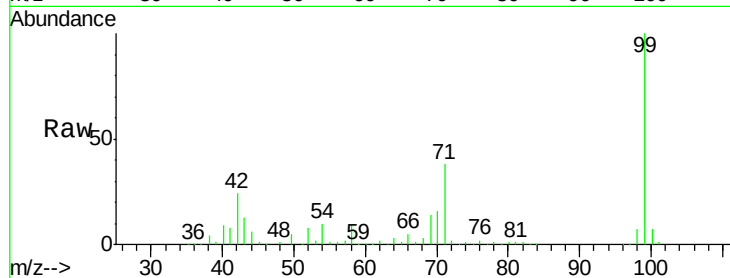
Tgt Ion: 99 Resp: 1031342

Ion Ratio Lower Upper

99 100

42 24.1 20.6 31.0

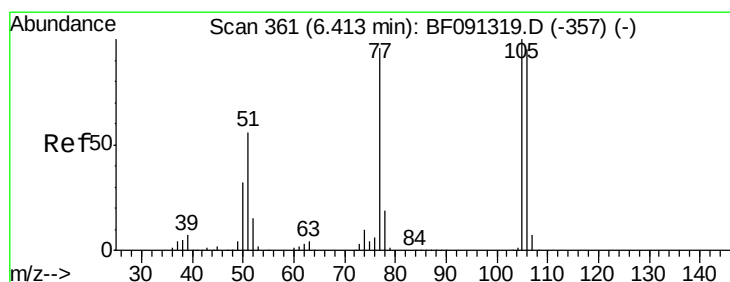
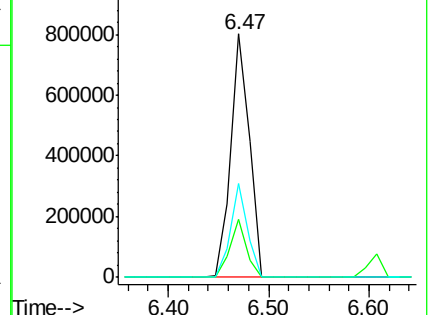
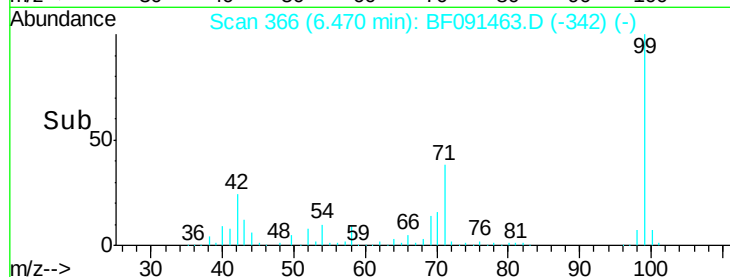
71 38.4 29.9 44.9



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: 3.33 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.19 min

Lab File: BF091463.D

Acq: 6 Dec 2016 17:21

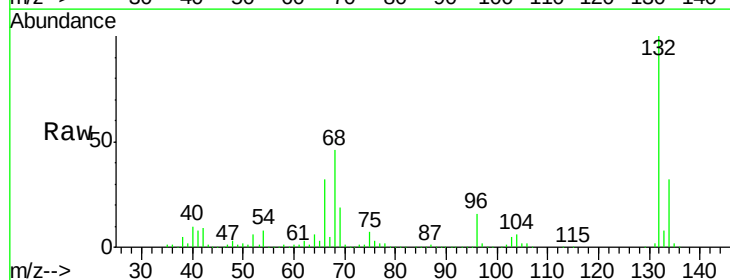
Tgt Ion: 77 Resp: 20999

Ion Ratio Lower Upper

77 100

105 72.4 66.4 106.4

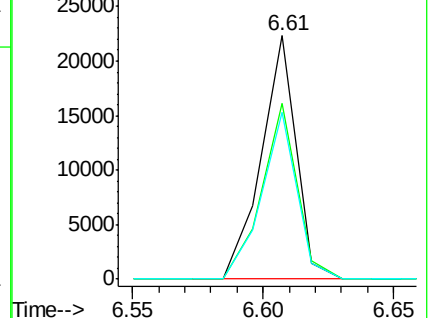
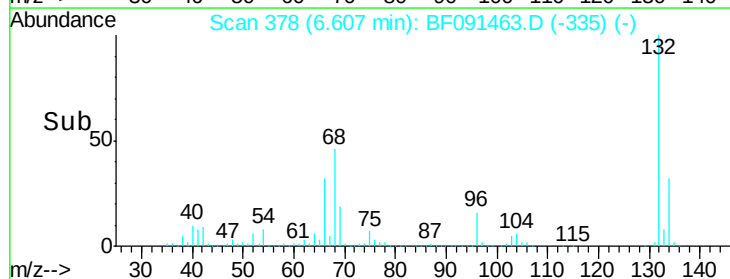
106 68.5 60.9 100.9

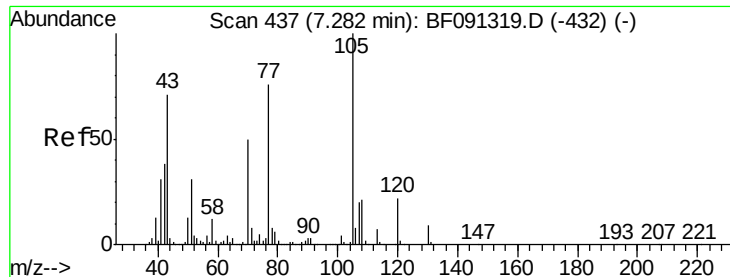


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

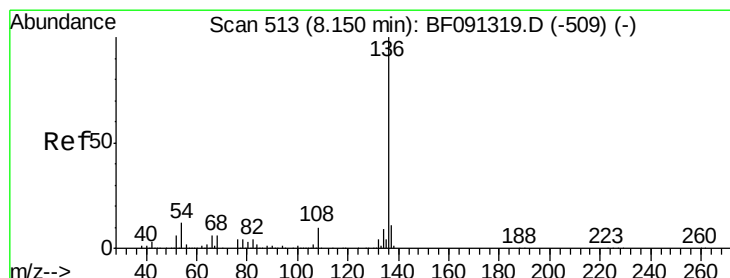
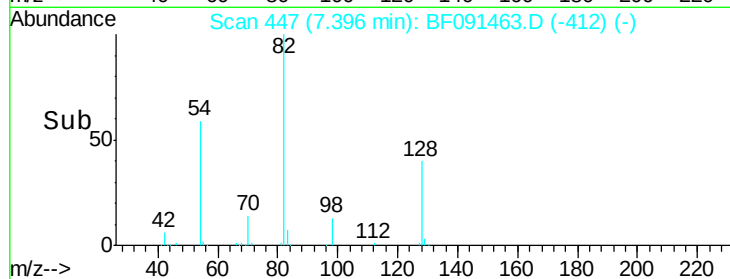
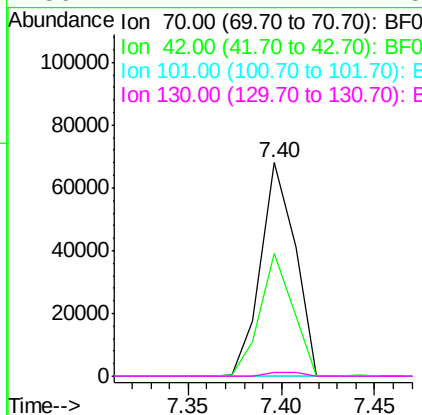
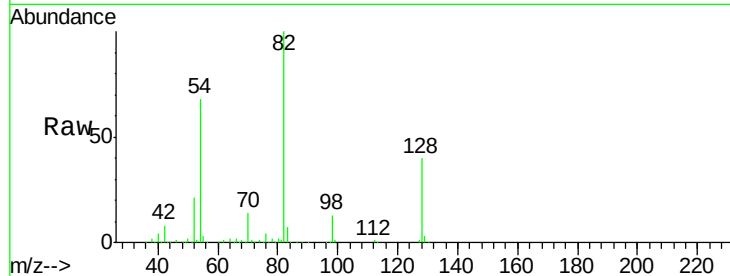




#19
n-Nitroso-di-n-propylamine
Concen: 14.14 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.10 min
Lab File: BF091463.D
Acq: 6 Dec 2016 17:21

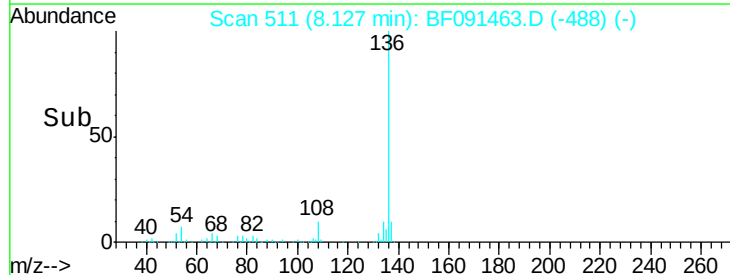
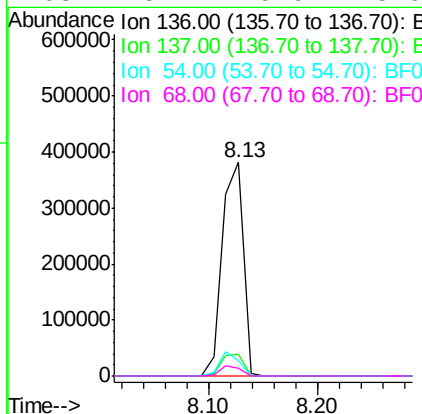
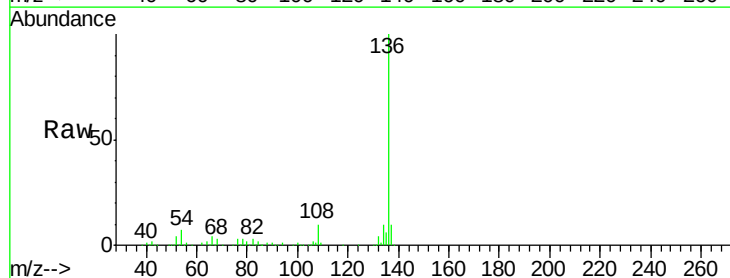
Instrument :
BNA_F
ClientSampleId :
PB95074BL

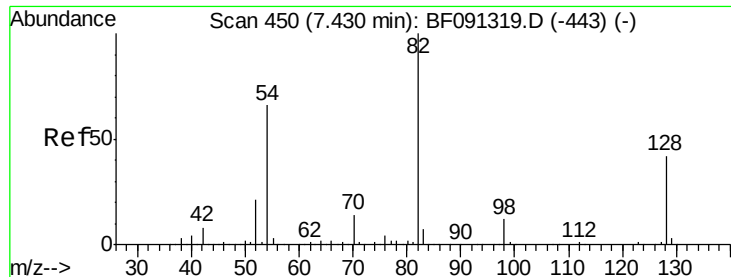
Tgt Ion: 70 Resp: 87423
Ion Ratio Lower Upper
70 100
42 57.4 64.8 97.2#
101 0.0 6.2 9.4#
130 2.1 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 min
Lab File: BF091463.D
Acq: 6 Dec 2016 17:21

Tgt Ion: 136 Resp: 512815
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 7.3 9.1 13.7#
68 3.4 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 71.55 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.05 min

Lab File: BF091463.D

Acq: 6 Dec 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB95074BL

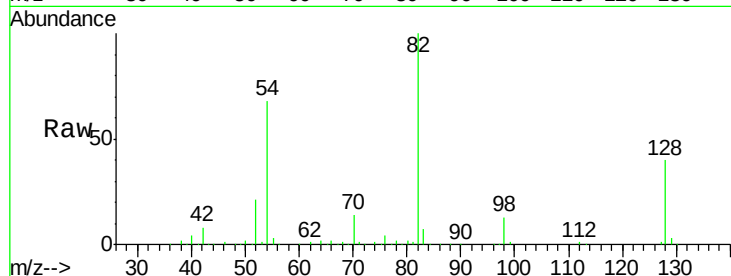
Tgt Ion: 82 Resp: 654692

Ion Ratio Lower Upper

82 100

128 40.1 31.8 47.6

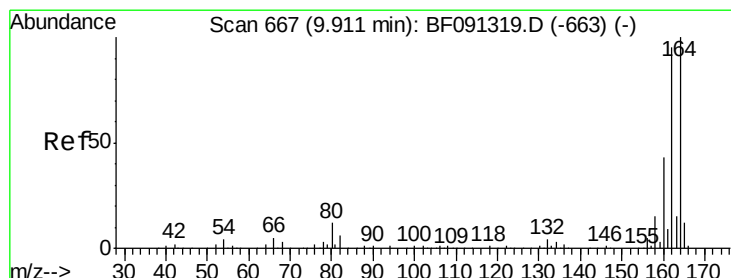
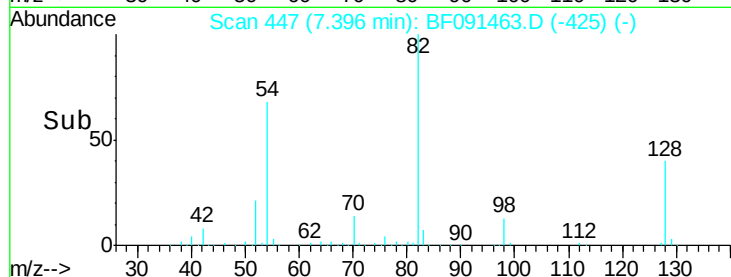
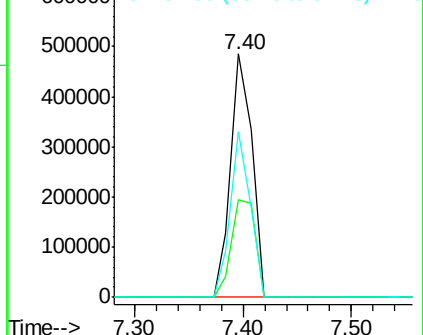
54 67.8 49.1 73.7



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: 9.88 min Scan# 664

Delta R.T. -0.04 min

Lab File: BF091463.D

Acq: 6 Dec 2016 17:21

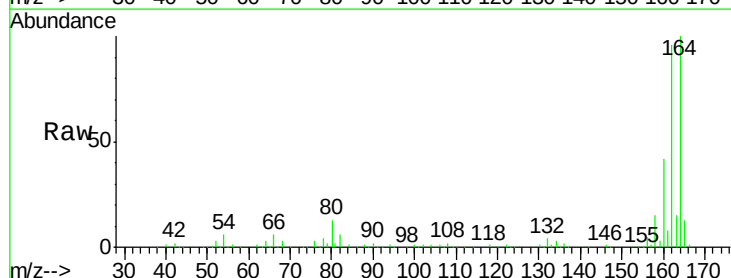
Tgt Ion: 164 Resp: 312197

Ion Ratio Lower Upper

164 100

162 95.6 82.6 124.0

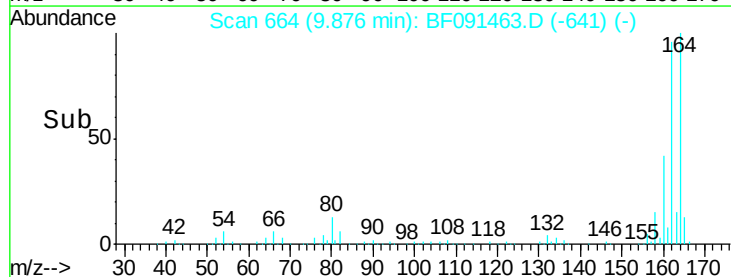
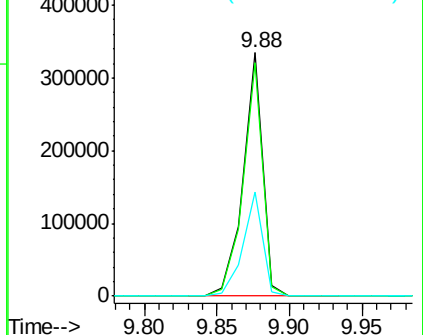
160 42.5 36.7 55.1

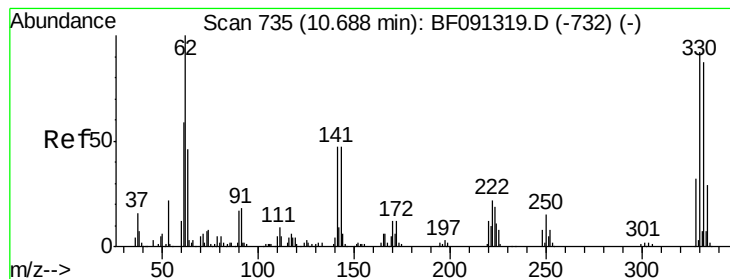


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 100.41 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.04 min

Lab File: BF091463.D

Acq: 6 Dec 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB95074BL

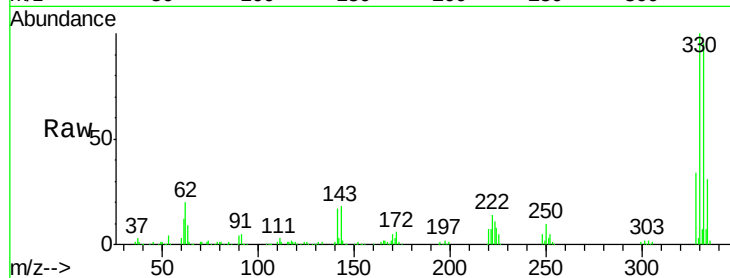
Tgt Ion:330 Resp: 296776

Ion Ratio Lower Upper

330 100

332 94.9 76.2 114.4

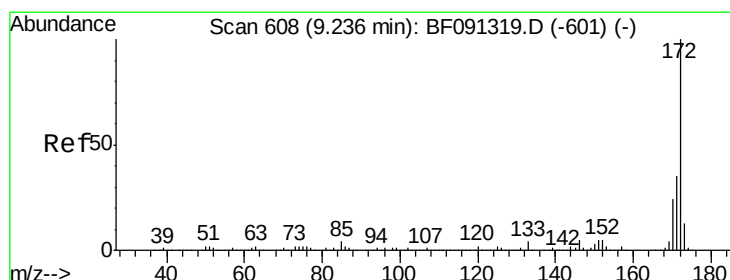
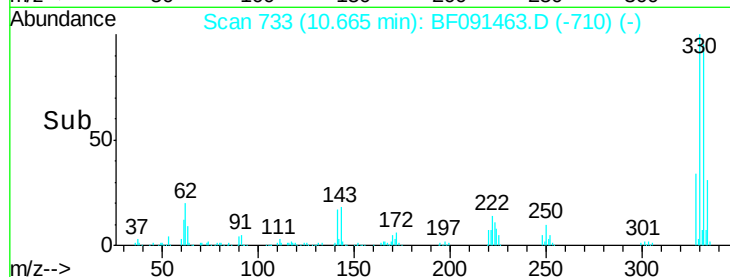
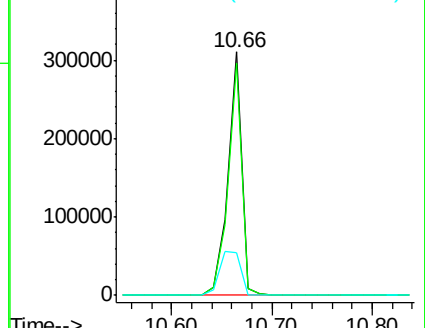
141 27.6 33.6 50.4#



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: 78.08 ng

RT: 9.20 min Scan# 605

Delta R.T. -0.04 min

Lab File: BF091463.D

Acq: 6 Dec 2016 17:21

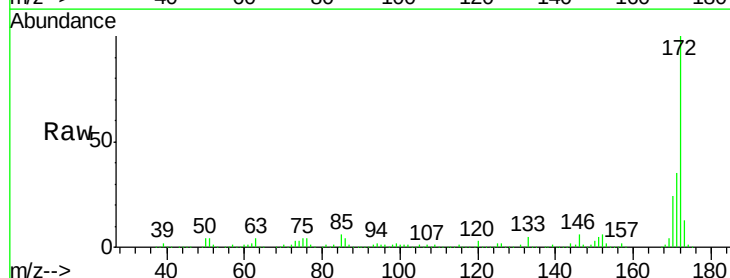
Tgt Ion:172 Resp: 1346283

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

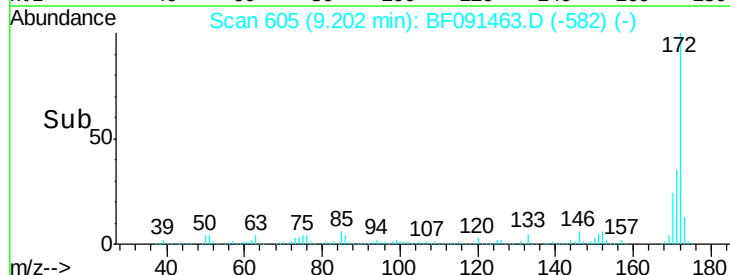
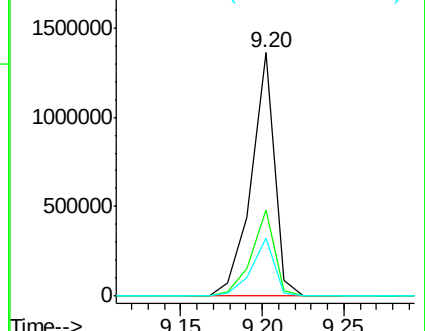
170 23.6 19.7 29.5

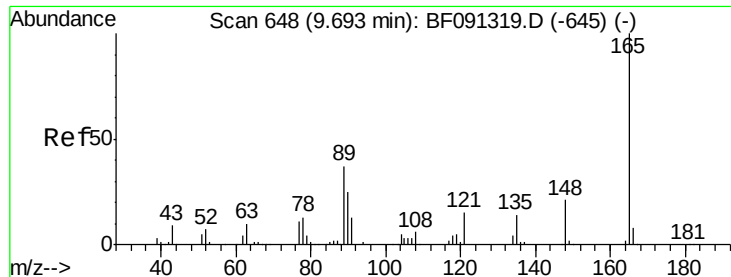


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

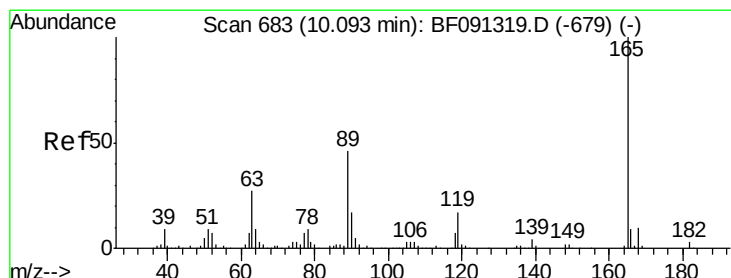
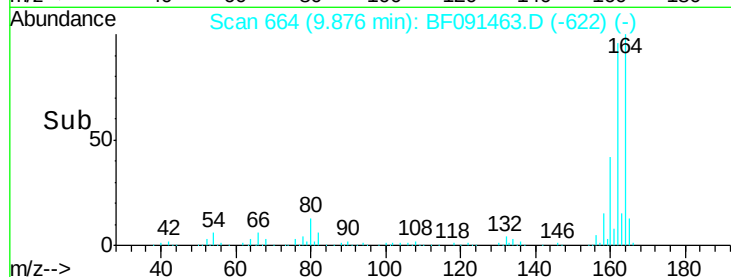
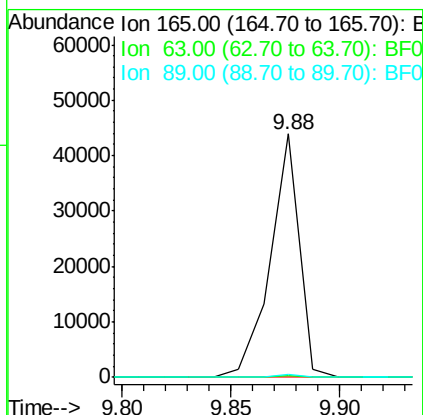
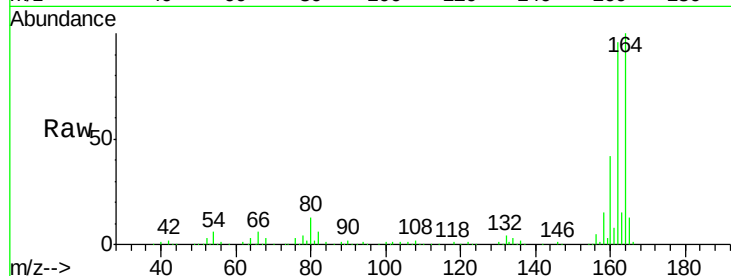




#50
2,6-Dinitrotoluene
Concen: 9.77 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.18 min
Lab File: BF091463.D
Acq: 6 Dec 2016 17:21

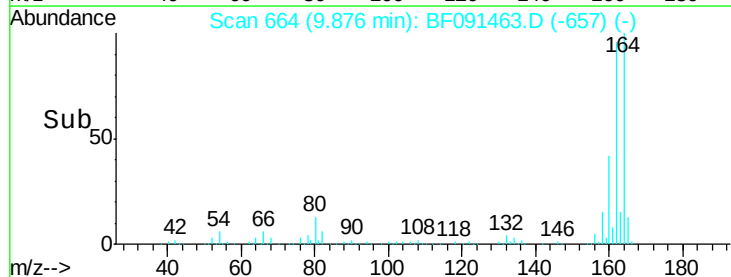
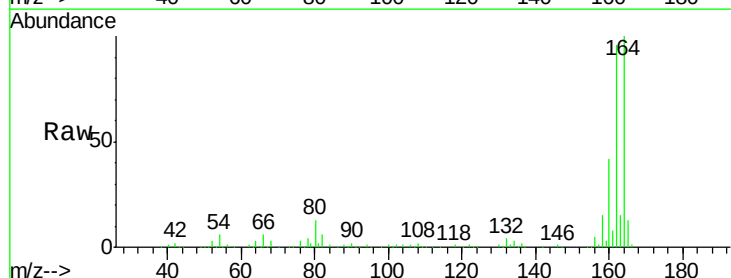
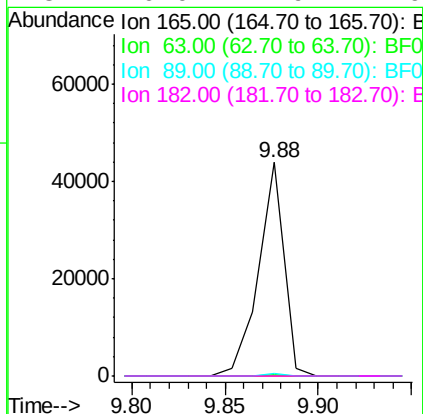
Instrument :
BNA_F
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PB95074BL

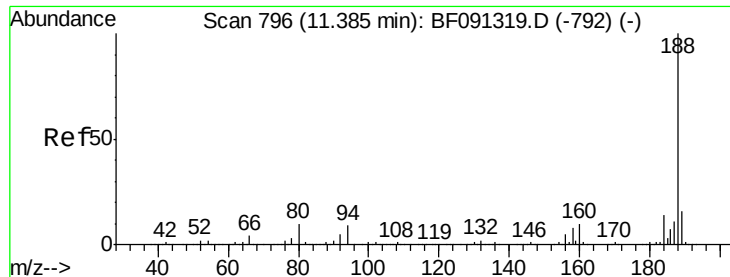
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	59.4	89.0#
89	1.0	50.8	76.2#



#56
2,4-Dinitrotoluene
Concen: 7.53 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.22 min
Lab File: BF091463.D
Acq: 6 Dec 2016 17:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.0	43.4#
89	1.0	43.1	64.7#
182	0.0	1.9	2.9#

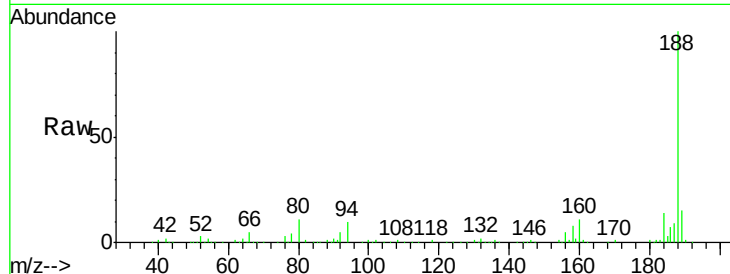




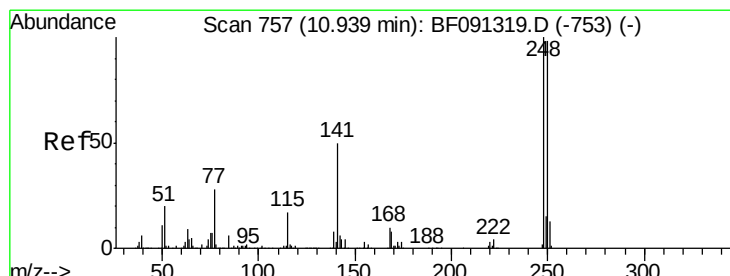
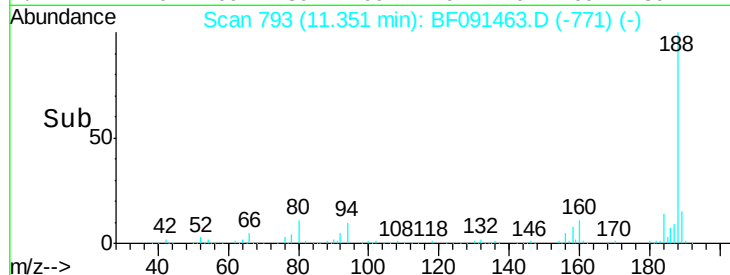
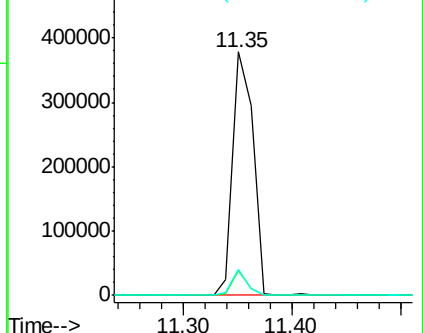
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.05 min
 Lab File: BF091463.D
 Acq: 6 Dec 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB95074BL

Tgt Ion:188 Resp: 484932
 Ion Ratio Lower Upper
 188 100
 94 10.0 9.2 13.8
 80 10.6 10.5 15.7

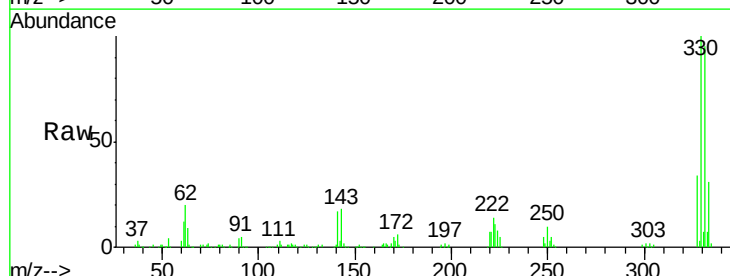


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

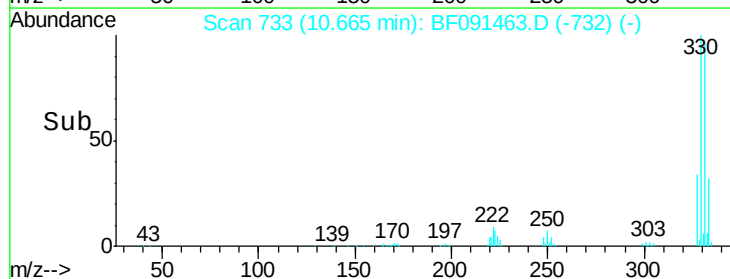
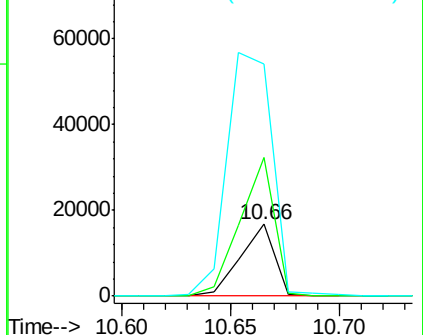


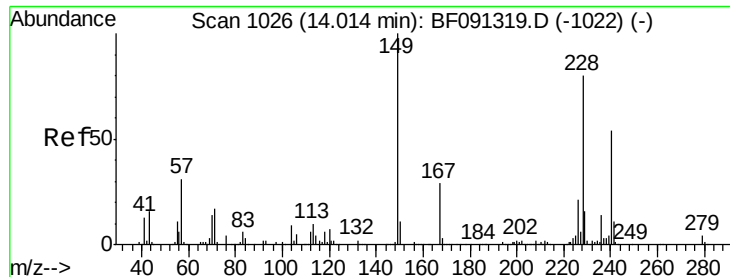
#66
 4-Bromophenyl-phenylether
 Concen: 3.47 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.29 min
 Lab File: BF091463.D
 Acq: 6 Dec 2016 17:21

Tgt Ion:248 Resp: 18077
 Ion Ratio Lower Upper
 248 100
 250 193.5 78.2 117.4#
 141 323.7 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: 13.99 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF091463.D

Acq: 6 Dec 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB95074BL

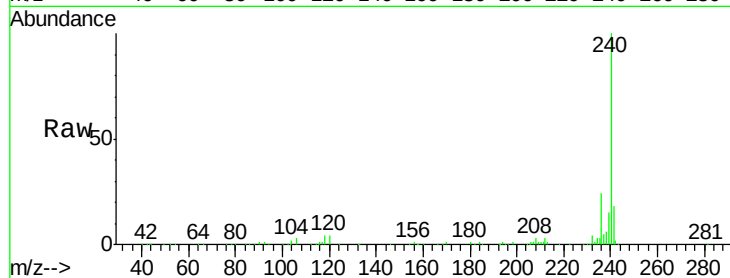
Tgt Ion:240 Resp: 339109

Ion Ratio Lower Upper

240 100

120 4.1 12.1 18.1#

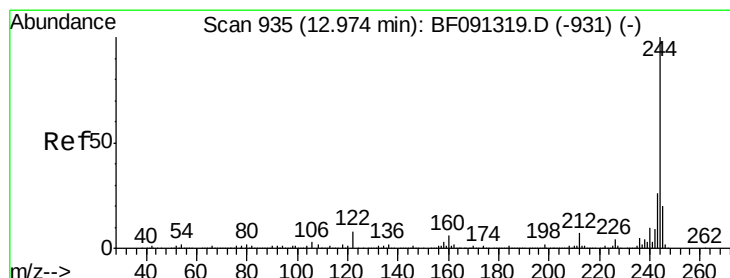
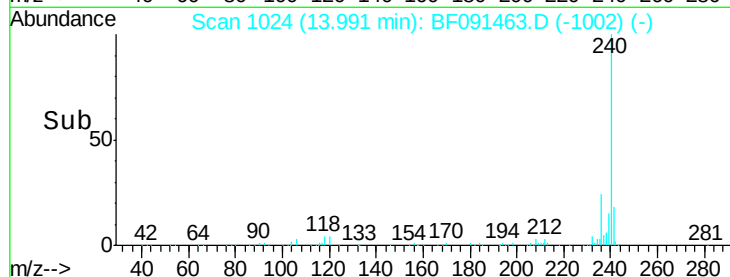
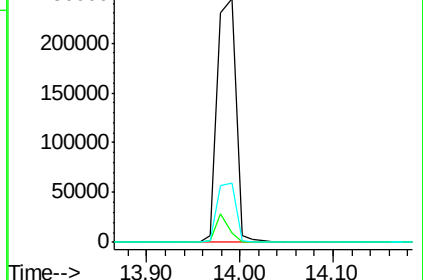
236 24.4 21.0 31.6



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: 76.27 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF091463.D

Acq: 6 Dec 2016 17:21

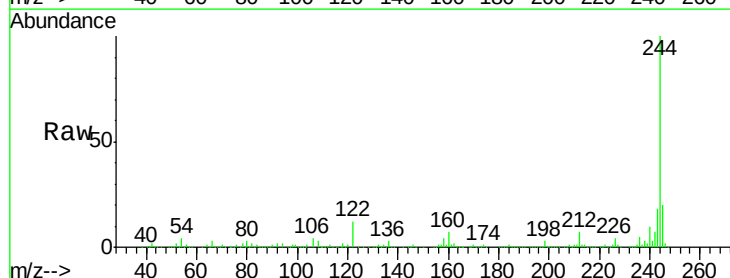
Tgt Ion:244 Resp: 1189901

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

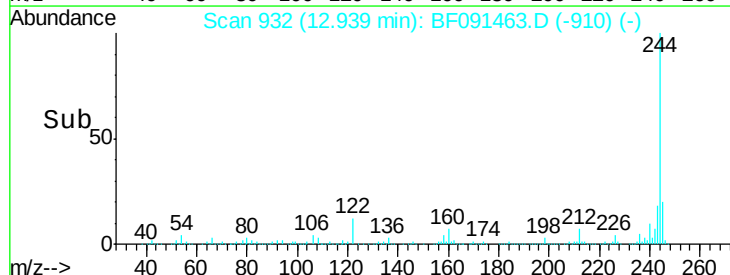
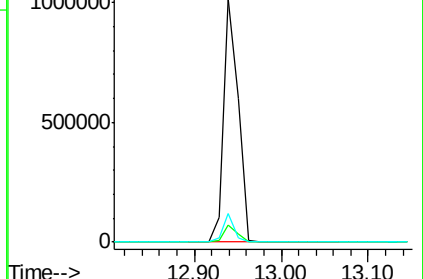
122 11.7 9.5 14.3

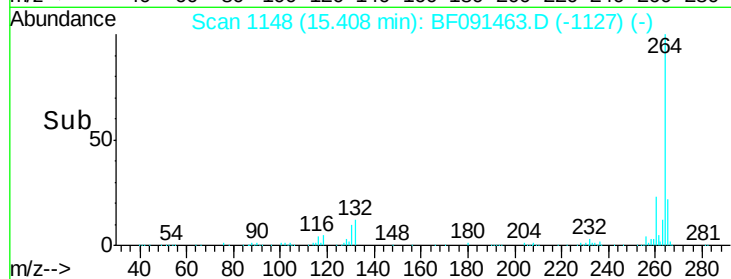
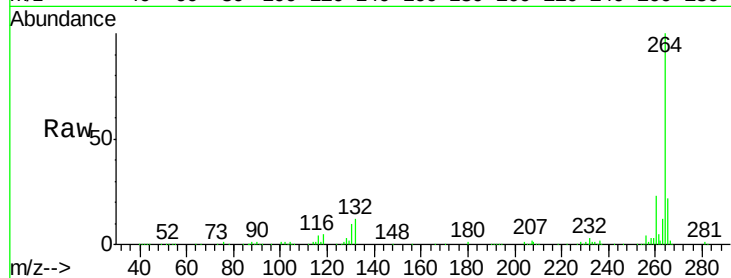
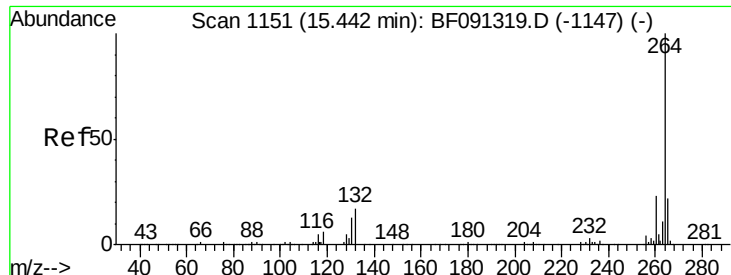


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF091463.D
Acq: 6 Dec 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB95074BL

Tgt Ion:	264	Resp:	263628
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	22.0	17.0	25.6

