

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091471.D
 Acq On : 7 Dec 2016 16:03
 Operator : UM/SJ
 Sample : PB95096BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BL

Quant Time: Dec 08 00:21:37 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

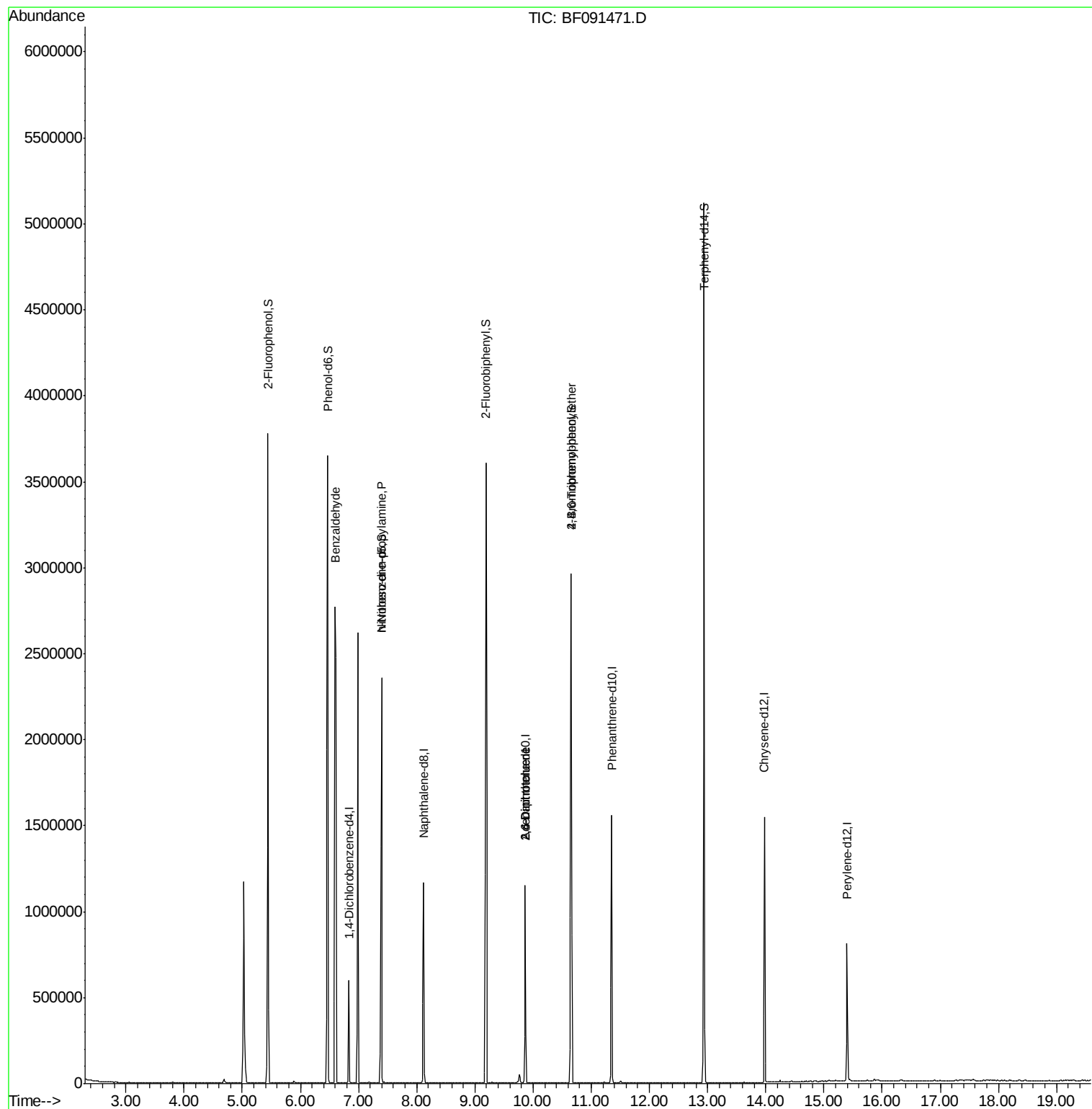
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130066	20.00	ng	-0.04
21) Naphthalene-d8	8.12	136	559526	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	290194	20.00	ng	-0.05
63) Phenanthrene-d10	11.35	188	637460	20.00	ng	-0.05
75) Chrysene-d12	13.98	240	552963	20.00	ng	-0.06
86) Perylene-d12	15.40	264	386713	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	965971	121.33	ng	-0.03
7) Phenol-d6	6.47	99	1310899	133.75	ng	-0.03
23) Nitrobenzene-d5	7.40	82	871049	87.24	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	447953	163.05	ng	-0.05
44) 2-Fluorobiphenyl	9.19	172	1569918	97.95	ng	-0.05
78) Terphenyl-d14	12.94	244	1734443	68.17	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.60	77	25388	4.03	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.40	70	121445	19.67	ng	# 70
50) 2,6-Dinitrotoluene	9.86	165	36637	9.33	ng	# 16
56) 2,4-Dinitrotoluene	9.86	165	36638	7.19	ng	# 33
66) 4-Bromophenyl-phenylether	10.65	248	26054	3.80	ng	# 1

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

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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: BF091471.D

Acq: 7 Dec 2016 16:03

Instrument :

BNA_F

ClientSampled :

PB95096BL

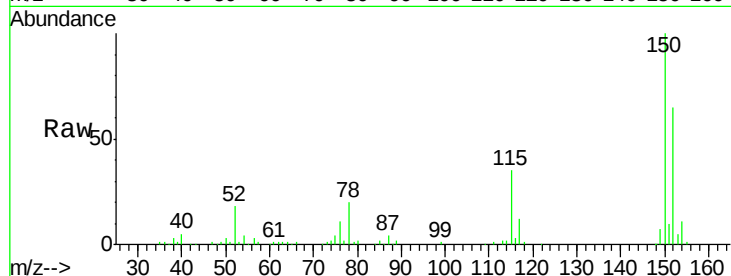
Tgt Ion:152 Resp: 130066

Ion Ratio Lower Upper

152 100

150 154.4 122.5 183.7

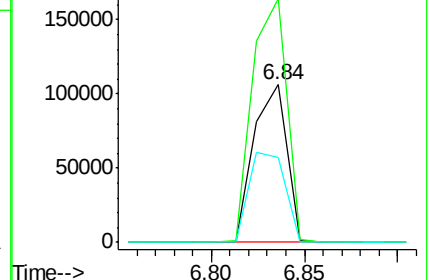
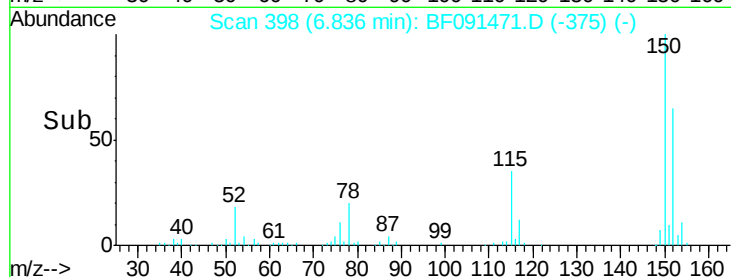
115 53.5 51.8 77.8



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: 121.33 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF091471.D

Acq: 7 Dec 2016 16:03

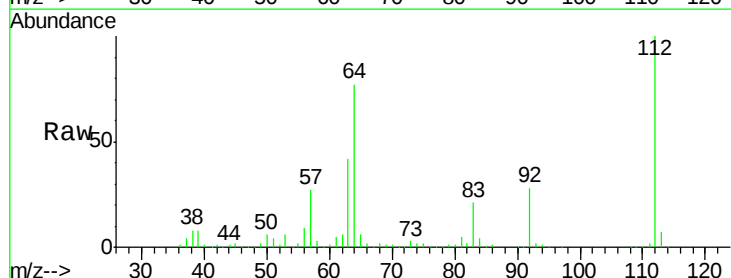
Tgt Ion:112 Resp: 965971

Ion Ratio Lower Upper

112 100

64 77.3 61.5 92.3

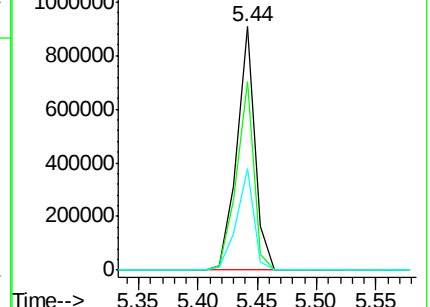
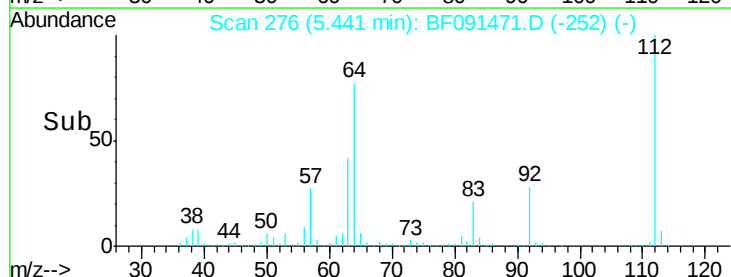
63 41.7 33.3 49.9

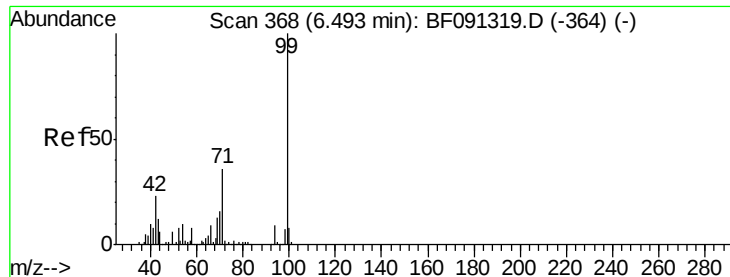


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.75 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091471.D

Acq: 7 Dec 2016 16:03

Instrument :

BNA_F

ClientSampleId :

PB95096BL

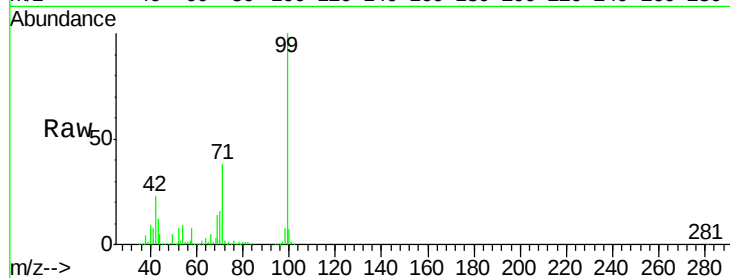
Tgt Ion: 99 Resp: 1310899

Ion Ratio Lower Upper

99 100

42 23.1 20.6 31.0

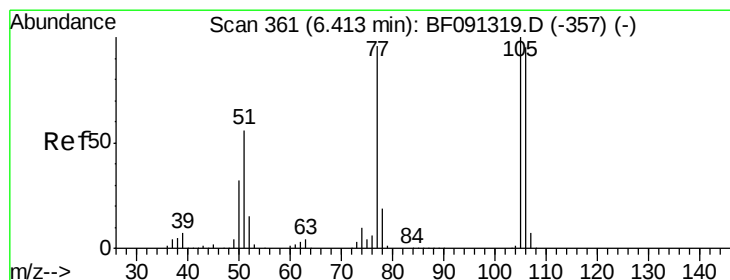
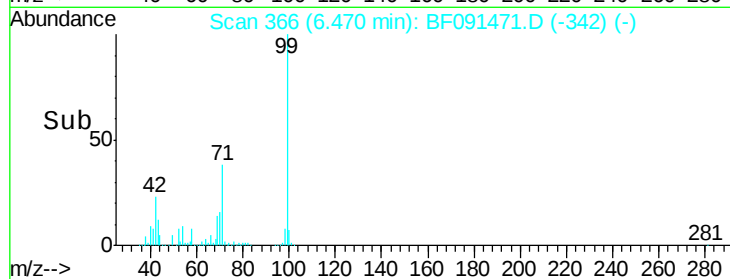
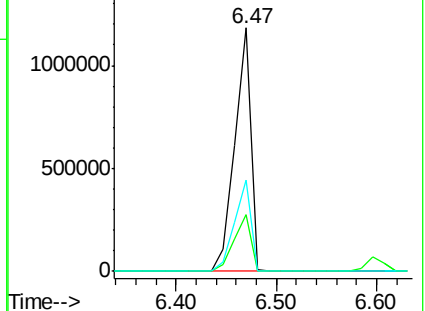
71 37.6 29.9 44.9



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



#9

Benzaldehyde

Concen: 4.03 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.18 min

Lab File: BF091471.D

Acq: 7 Dec 2016 16:03

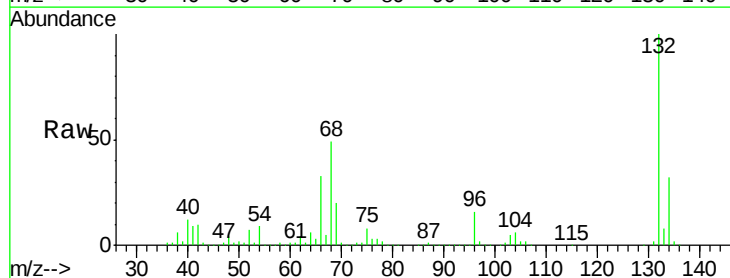
Tgt Ion: 77 Resp: 25388

Ion Ratio Lower Upper

77 100

105 77.2 66.4 106.4

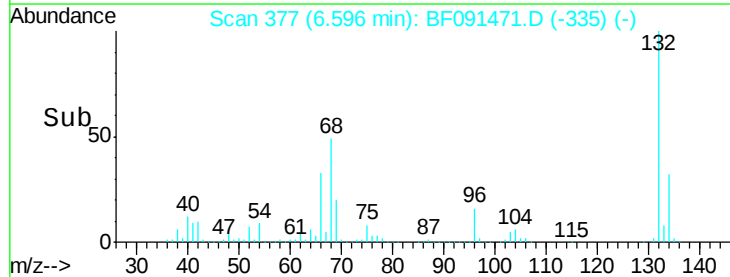
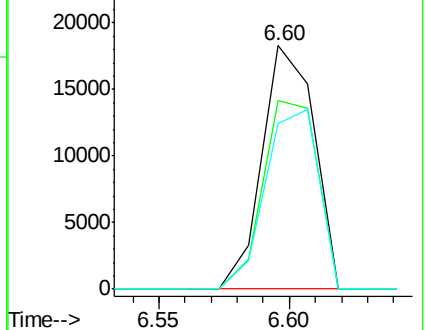
106 67.9 60.9 100.9

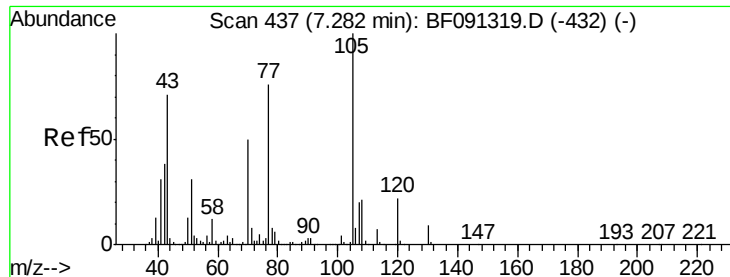


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

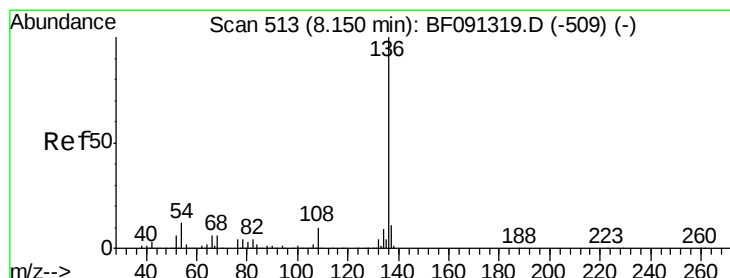
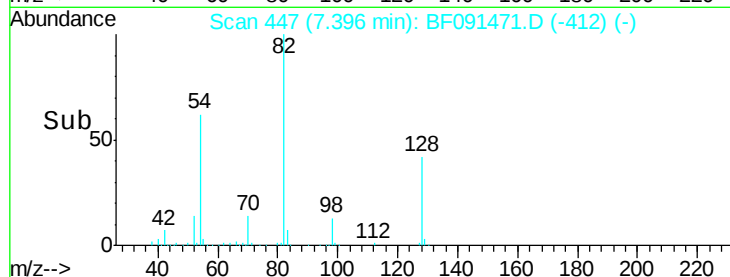
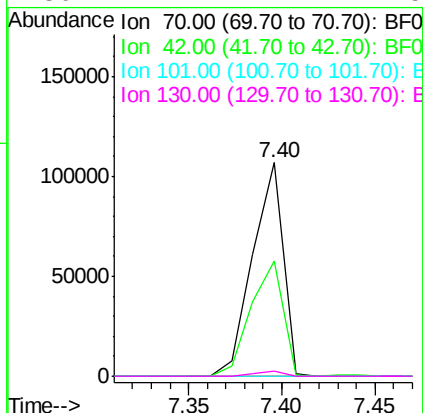
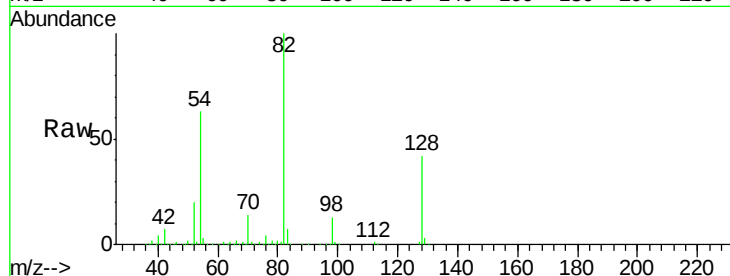




#19
n-Nitroso-di-n-propylamine
Concen: 19.67 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.10 min
Lab File: BF091471.D
Acq: 7 Dec 2016 16:03

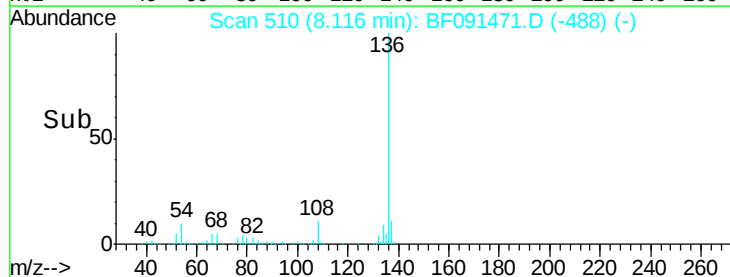
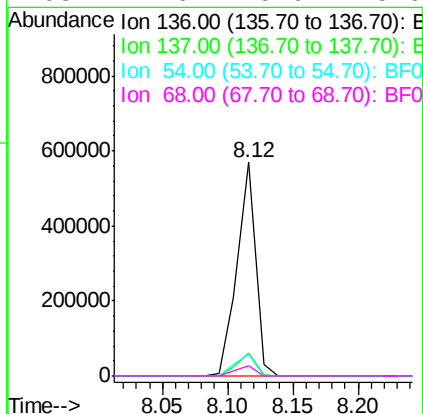
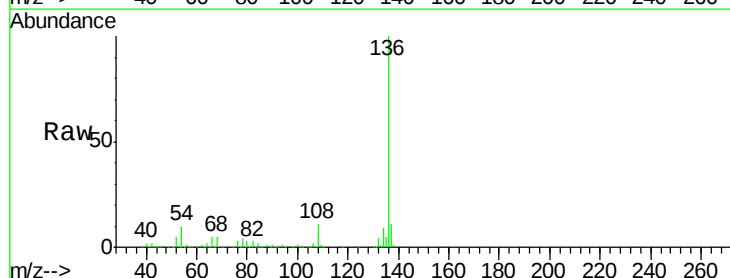
Instrument :
BNA_F
ClientSampleId :
PB95096BL

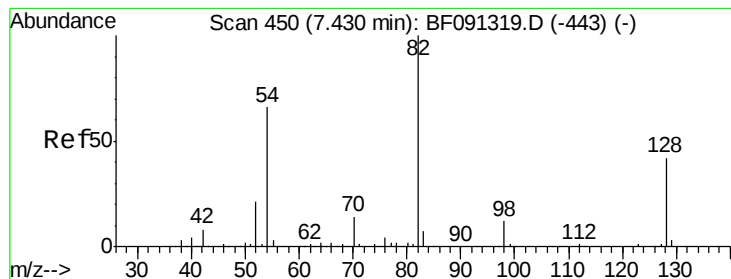
Tgt Ion: 70 Resp: 121445
Ion Ratio Lower Upper
70 100
42 53.7 64.8 97.2#
101 0.0 6.2 9.4#
130 2.2 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF091471.D
Acq: 7 Dec 2016 16:03

Tgt Ion: 136 Resp: 559526
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 10.2 9.1 13.7
68 4.6 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 87.24 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.05 min

Lab File: BF091471.D

Acq: 7 Dec 2016 16:03

Instrument :

BNA_F

ClientSampleId :

PB95096BL

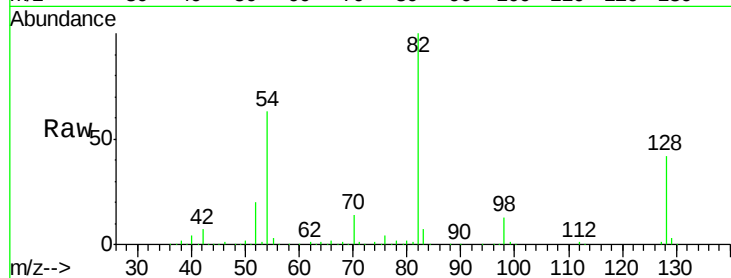
Tgt Ion: 82 Resp: 871049

Ion Ratio Lower Upper

82 100

128 42.1 31.8 47.6

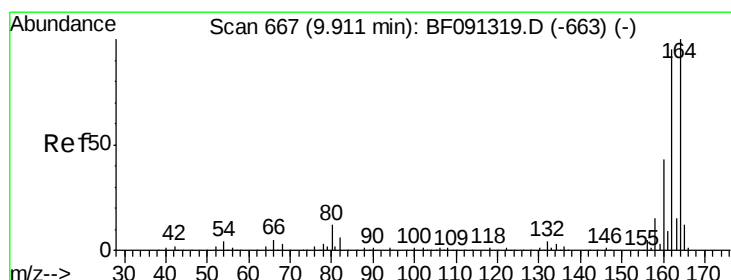
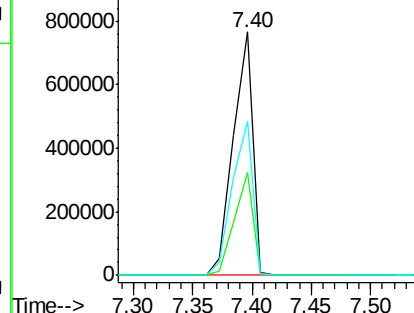
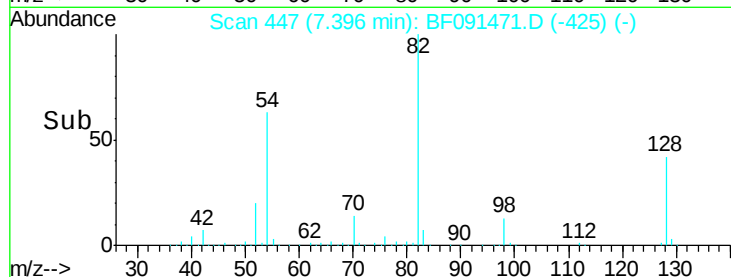
54 63.5 49.1 73.7



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: 9.86 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF091471.D

Acq: 7 Dec 2016 16:03

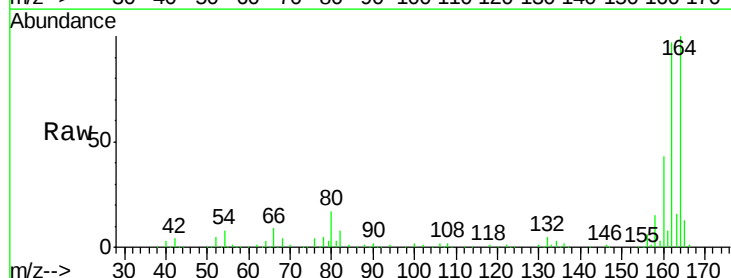
Tgt Ion: 164 Resp: 290194

Ion Ratio Lower Upper

164 100

162 96.5 82.6 124.0

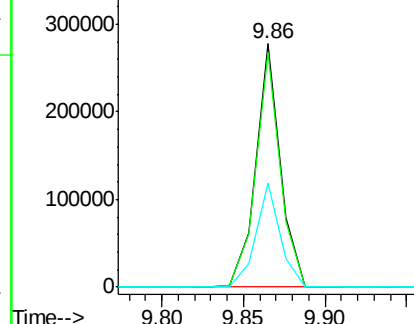
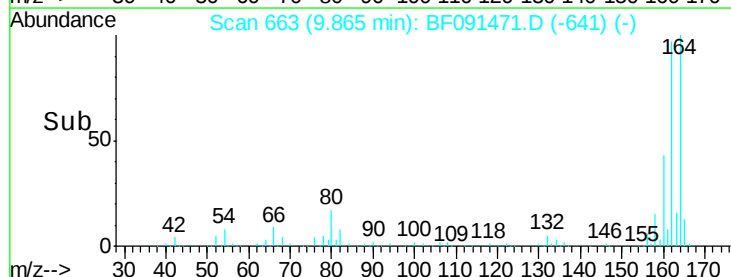
160 42.8 36.7 55.1

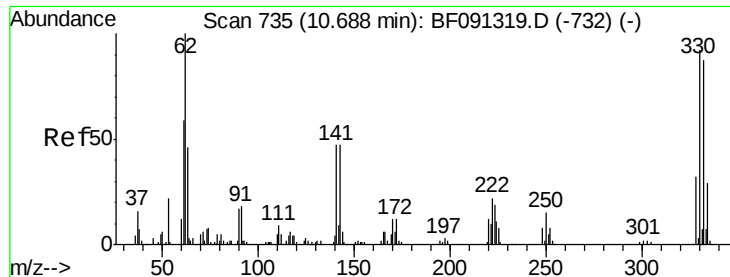


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

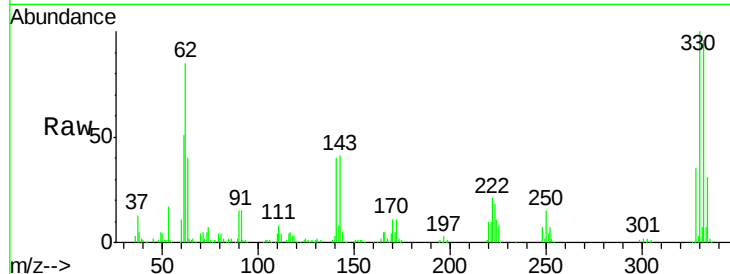




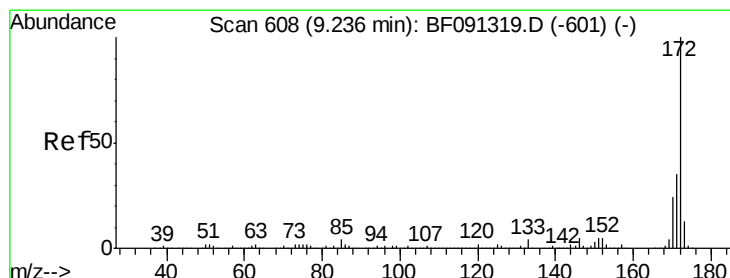
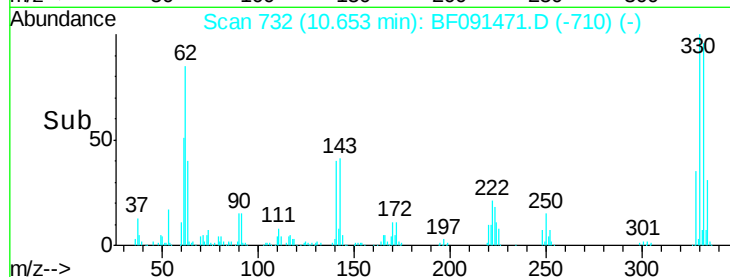
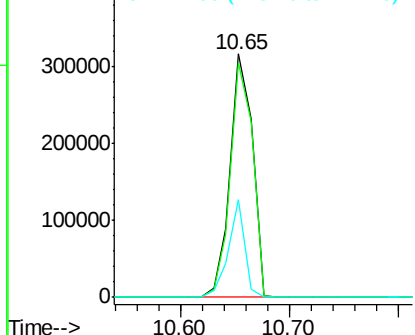
#41
 2,4,6-Tribromophenol
 Concen: 163.05 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.05 min
 Lab File: BF091471.D
 Acq: 7 Dec 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BL

Tgt Ion:330 Resp: 447953
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 29.5 33.6 50.4#

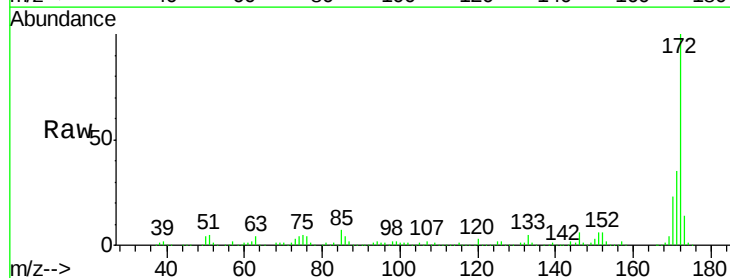


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

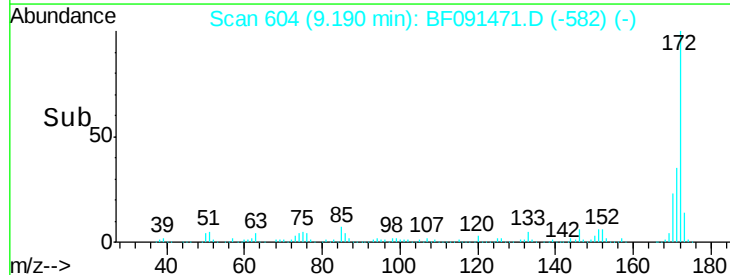
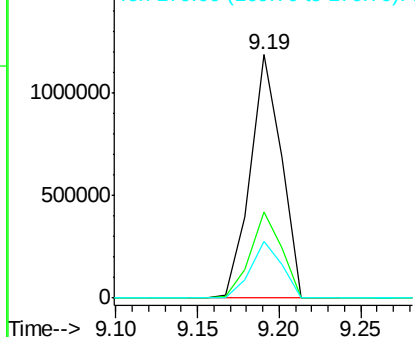


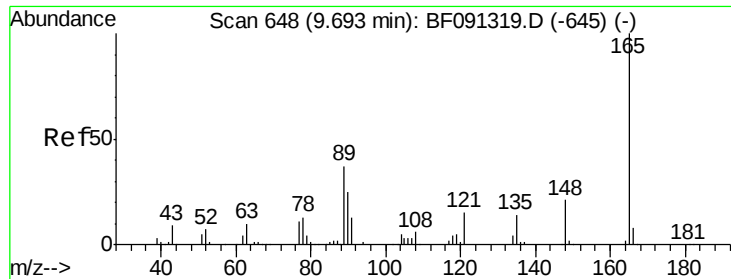
#44
 2-Fluorobiphenyl
 Concen: 97.95 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF091471.D
 Acq: 7 Dec 2016 16:03

Tgt Ion:172 Resp: 1569918
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.4 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

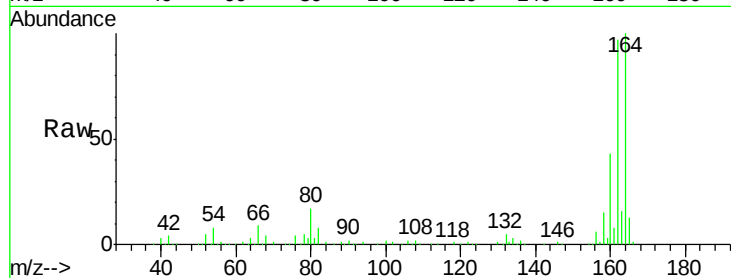




#50
2,6-Dinitrotoluene
Concen: 9.33 ng
RT: 9.86 min Scan# 663
Delta R.T. 0.17 min
Lab File: BF091471.D
Acq: 7 Dec 2016 16:03

Instrument :
BNA_F
ClientSampleId :
PB95096BL

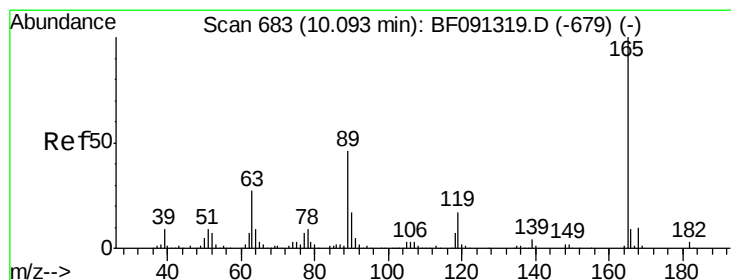
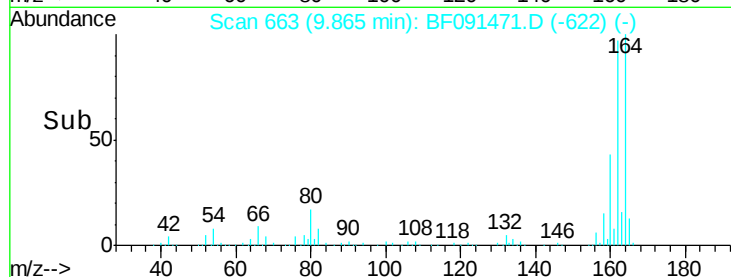
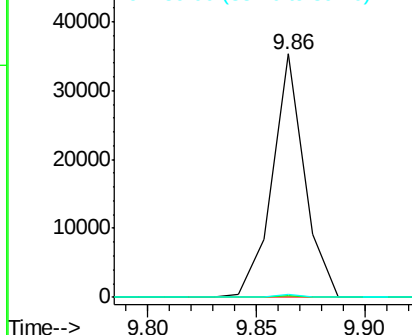
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	59.4	89.0#
89	1.2	50.8	76.2#



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



#56
2,4-Dinitrotoluene
Concen: 7.19 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.23 min
Lab File: BF091471.D
Acq: 7 Dec 2016 16:03

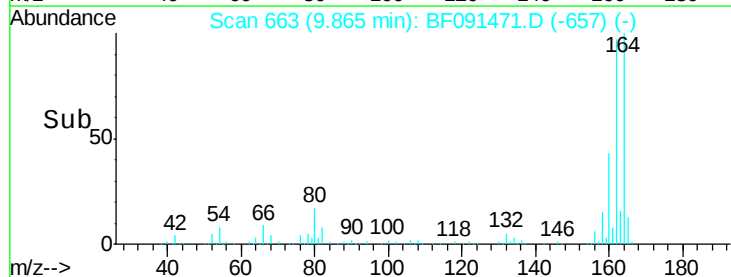
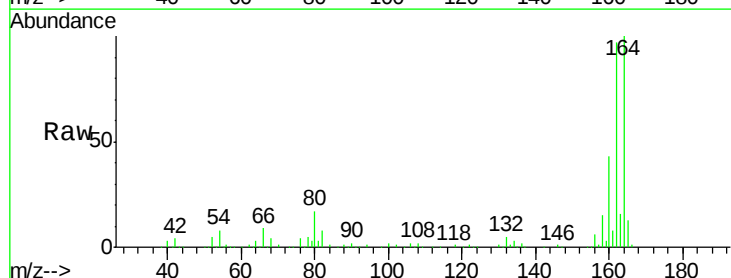
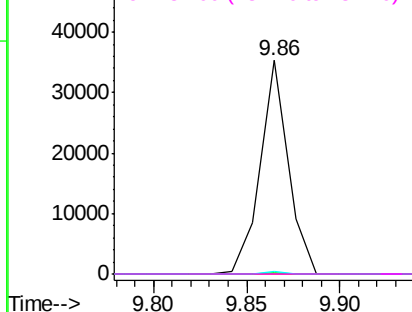
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.0	43.4#
89	1.2	43.1	64.7#
182	0.0	1.9	2.9#

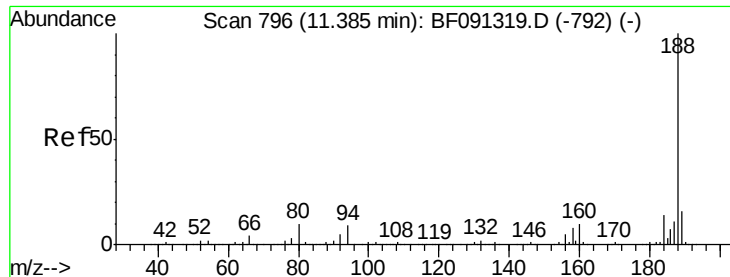
Abundance Ion 165.00 (164.70 to 165.70): E

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

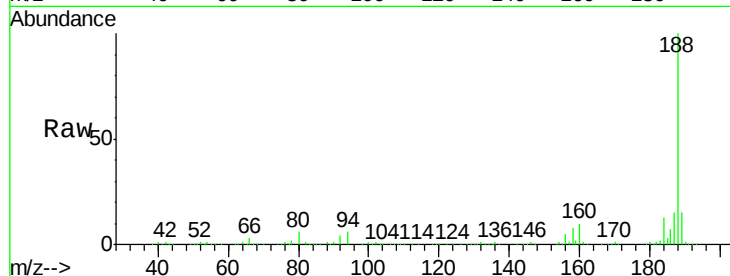




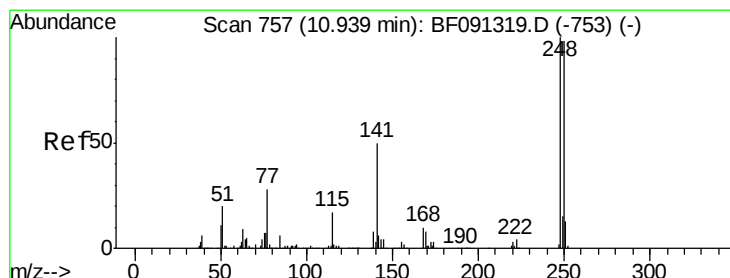
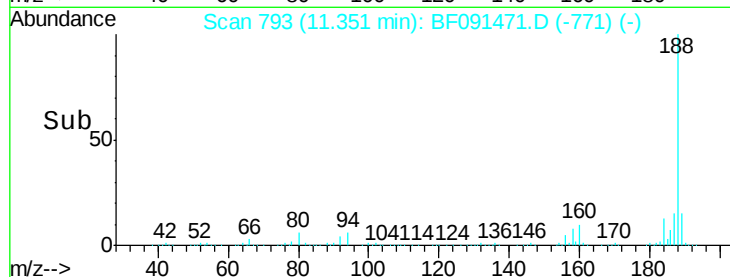
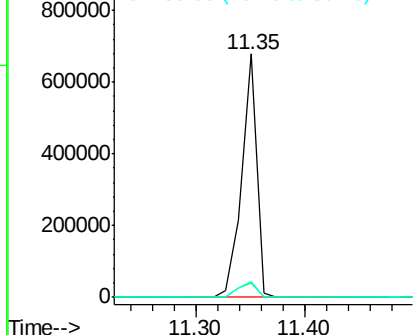
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.05 min
 Lab File: BF091471.D
 Acq: 7 Dec 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BL

Tgt Ion:188 Resp: 637460
 Ion Ratio Lower Upper
 188 100
 94 5.9 9.2 13.8#
 80 6.3 10.5 15.7#

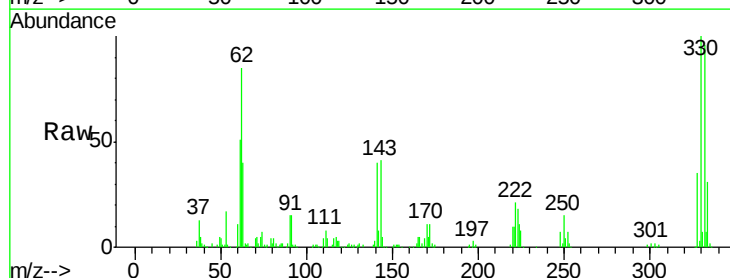


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

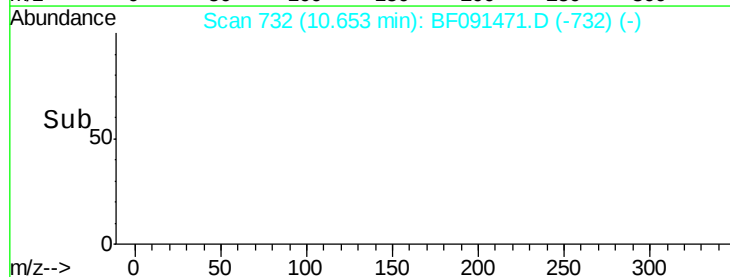
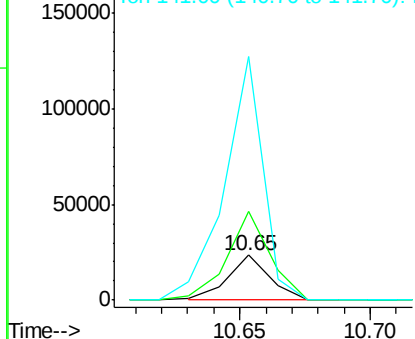


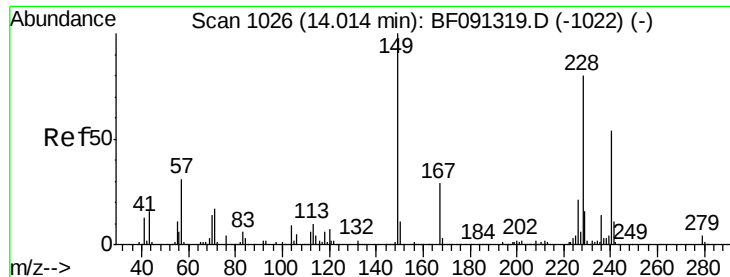
#66
 4-Bromophenyl-phenylether
 Concen: 3.80 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.30 min
 Lab File: BF091471.D
 Acq: 7 Dec 2016 16:03

Tgt Ion:248 Resp: 26054
 Ion Ratio Lower Upper
 248 100
 250 196.9 78.2 117.4#
 141 540.3 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: 13.98 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF091471.D

Acq: 7 Dec 2016 16:03

Instrument :

BNA_F

ClientSampleId :

PB95096BL

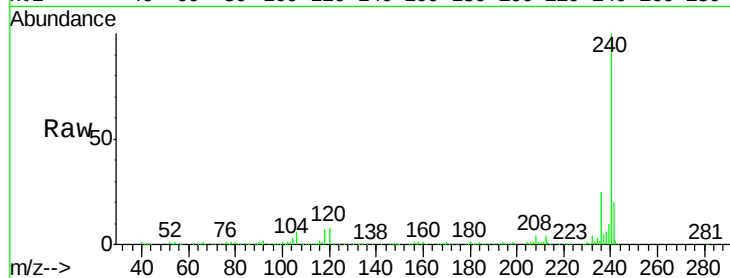
Tgt Ion:240 Resp: 552963

Ion Ratio Lower Upper

240 100

120 8.1 12.1 18.1#

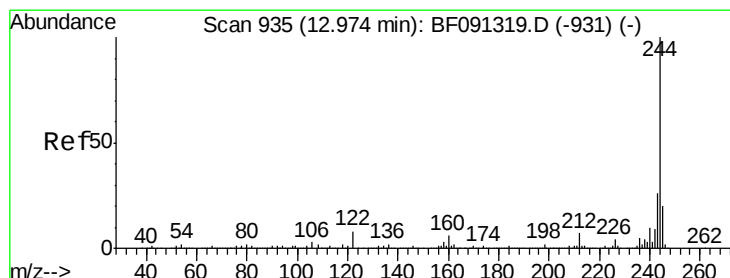
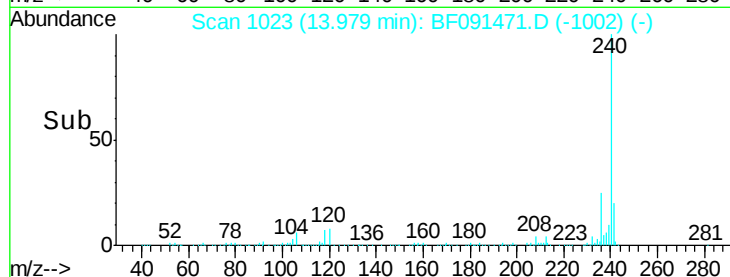
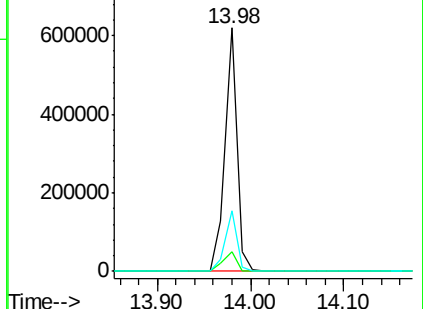
236 25.0 21.0 31.6



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: 68.17 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF091471.D

Acq: 7 Dec 2016 16:03

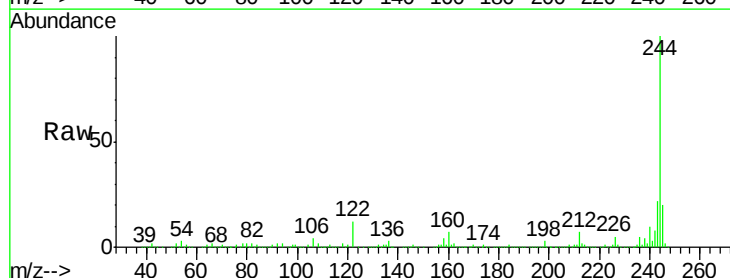
Tgt Ion:244 Resp: 1734443

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

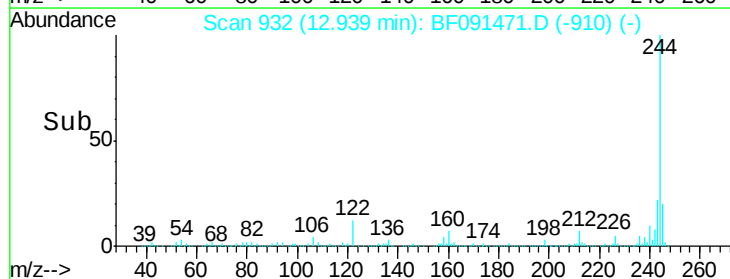
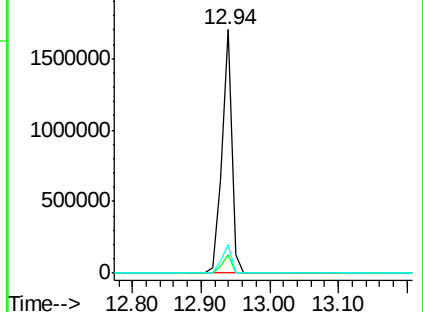
122 11.6 9.5 14.3

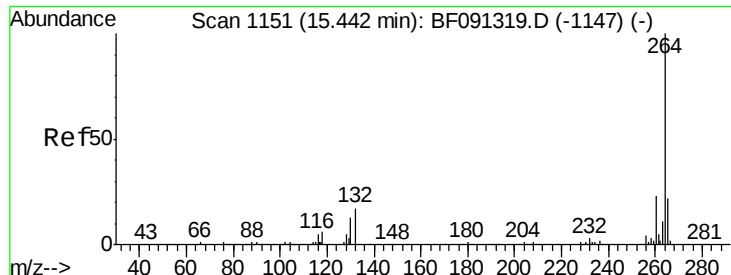


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

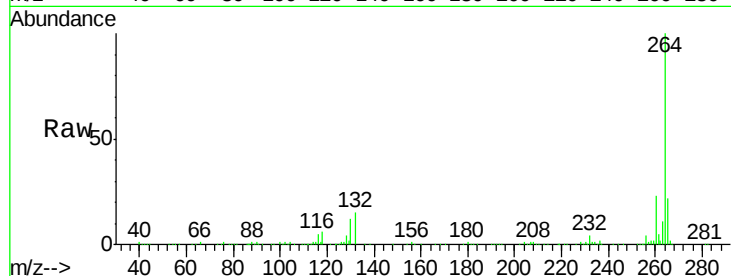




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF091471.D
Acq: 7 Dec 2016 16:03

Instrument :
BNA_F
ClientSampleId :
PB95096BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	21.5	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

