

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
 Data File : BF091795.D
 Acq On : 20 Dec 2016 1:26
 Operator : UM/SJ
 Sample : H6126-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Quant Time: Dec 20 03:17:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

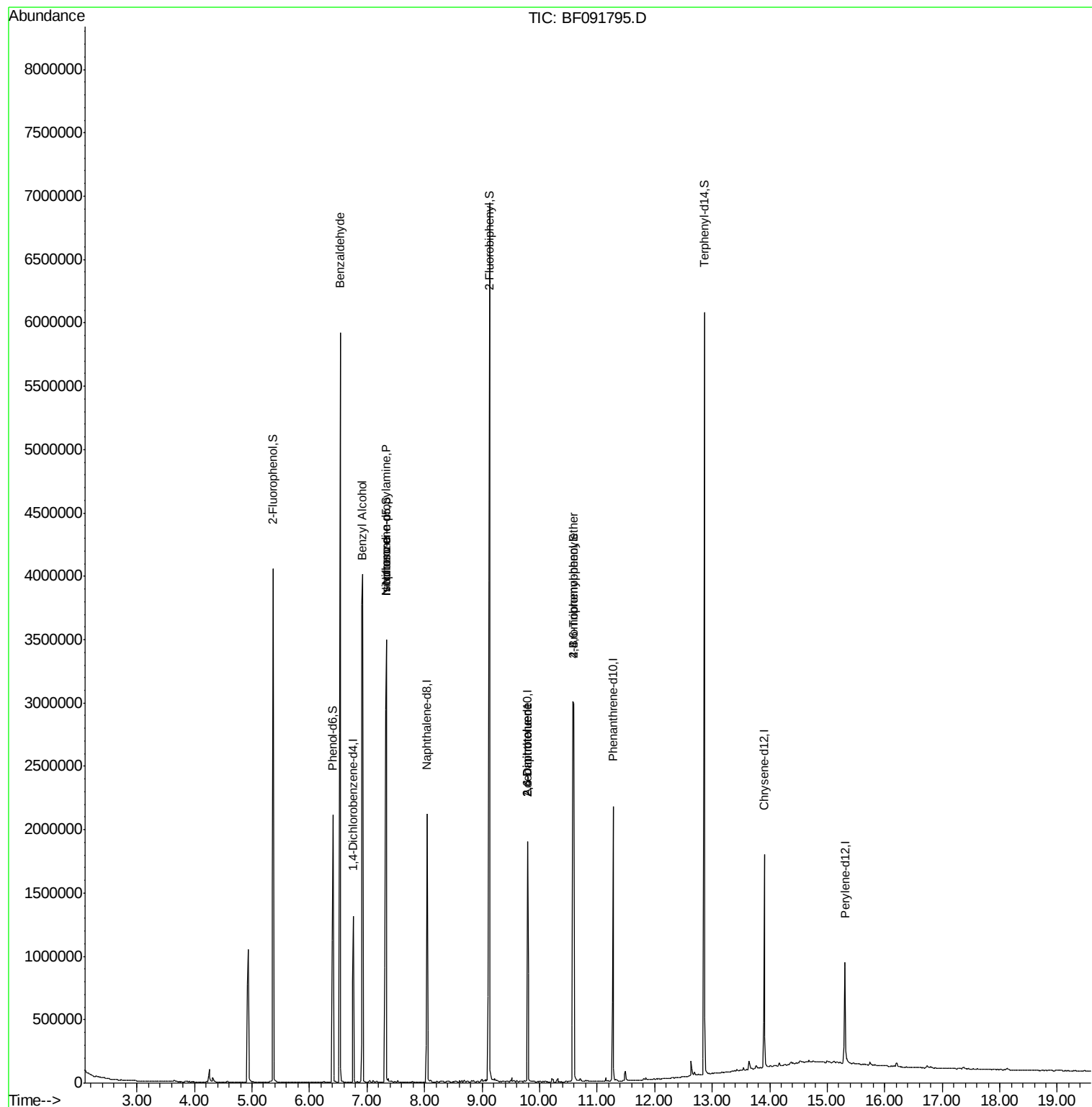
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	244625	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	972128	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	476585	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	801767	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	581953	20.00	ng	-0.02
86) Perylene-d12	15.31	264	470673	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1142778	78.27	ng	0.00
7) Phenol-d6	6.41	99	846096	47.51	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1813900	107.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	598162	148.01	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2671508	112.62	ng	-0.01
78) Terphenyl-d14	12.86	244	2001100	86.82	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.53	77	42605	2.24	ng	# 72
15) Benzyl Alcohol	6.91	79	27579	2.00	ng	# 49
19) n-Nitroso-di-n-propylamine	7.33	70	240680	20.32	ng	# 71
25) Isophorone	7.33	82	1578229	49.07	ng	# 65
50) 2,6-Dinitrotoluene	9.79	165	60151	8.81	ng	# 31
56) 2,4-Dinitrotoluene	9.79	165	60153	7.05	ng	# 20
66) 4-Bromophenyl-phenylether	10.59	248	37938	4.51	ng	# 1

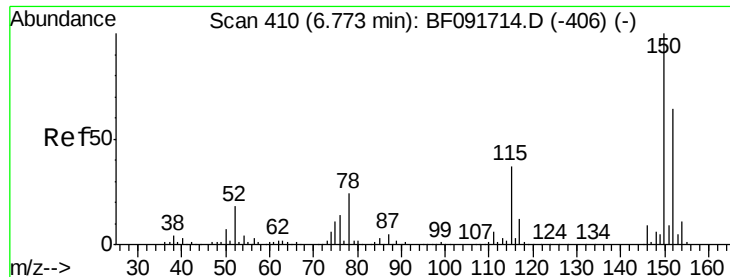
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
Data File : BF091795.D
Acq On : 20 Dec 2016 1:26
Operator : UM/SJ
Sample : H6126-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-32

Quant Time: Dec 20 03:17:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

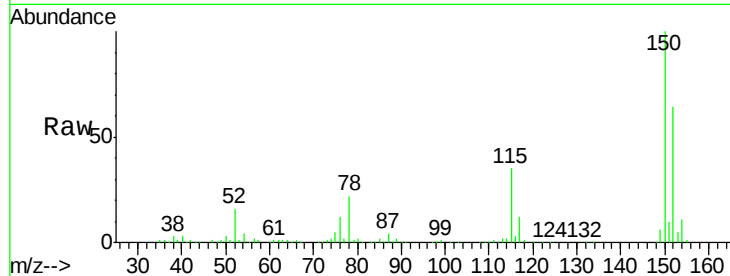




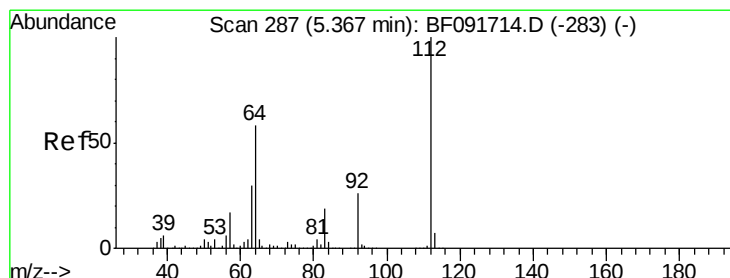
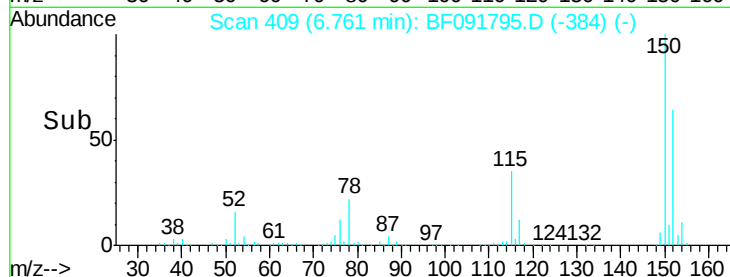
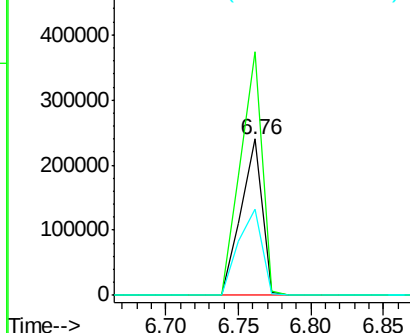
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091795.D
 Acq: 20 Dec 2016 1:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Tgt Ion:152 Resp: 244625
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.9 187.3
 115 55.2 46.0 69.0

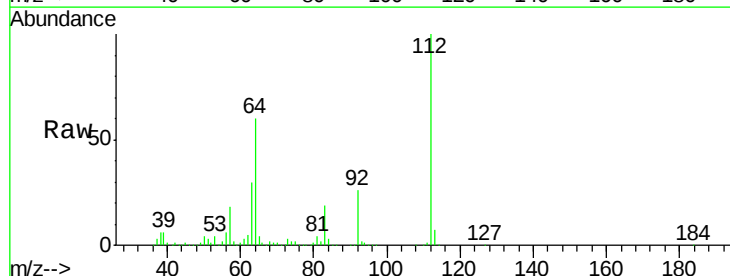


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

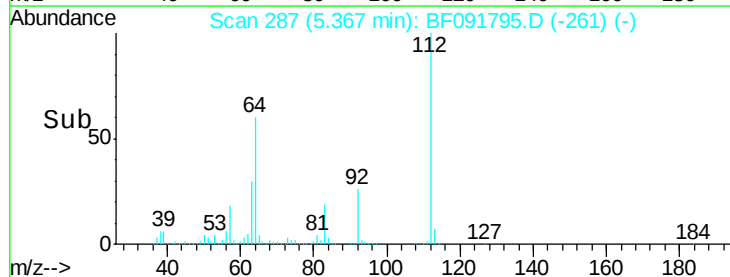
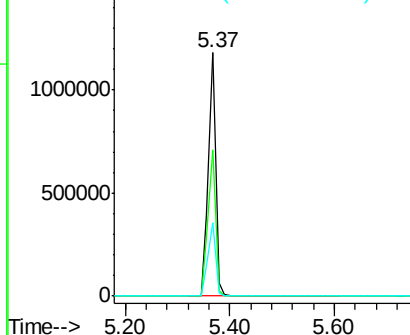


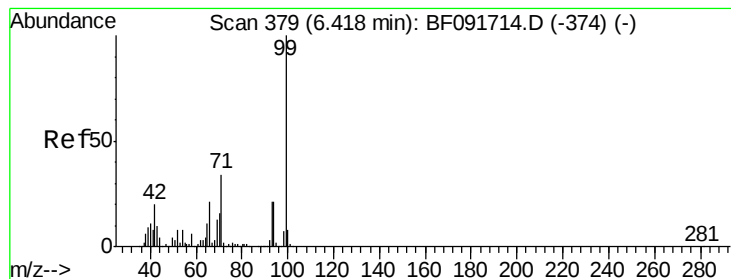
#5
 2-Fluorophenol
 Concen: 78.27 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: BF091795.D
 Acq: 20 Dec 2016 1:26

Tgt Ion:112 Resp: 1142778
 Ion Ratio Lower Upper
 112 100
 64 59.9 46.1 69.1
 63 30.4 23.8 35.6



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: 47.51 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

Instrument :

BNA_F

ClientSampleId :

MW-32

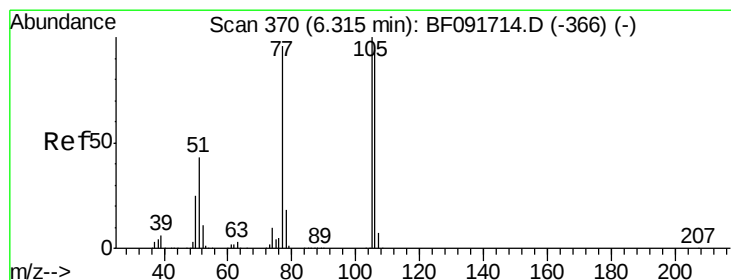
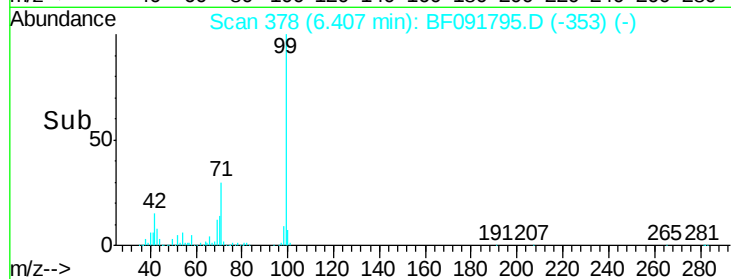
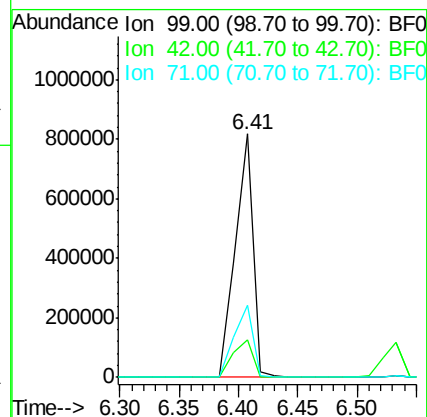
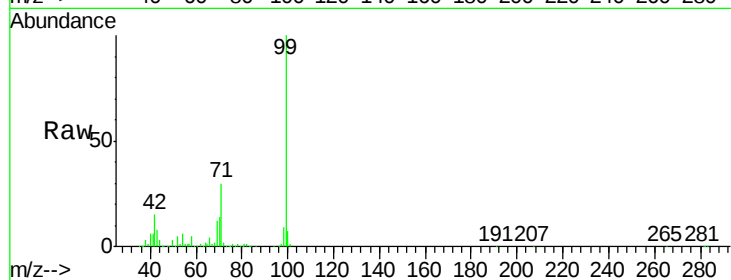
Tgt Ion: 99 Resp: 846096

Ion Ratio Lower Upper

99 100

42 15.2 15.6 23.4#

71 29.7 27.5 41.3



#9

Benzaldehyde

Concen: 2.24 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.22 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

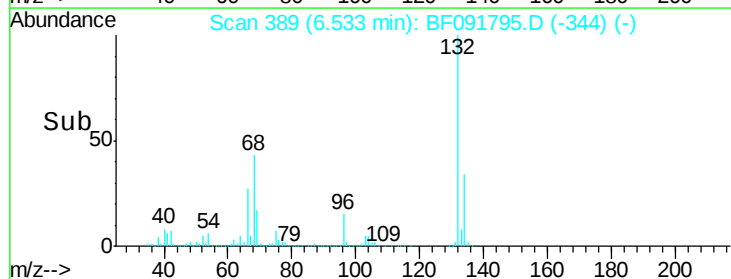
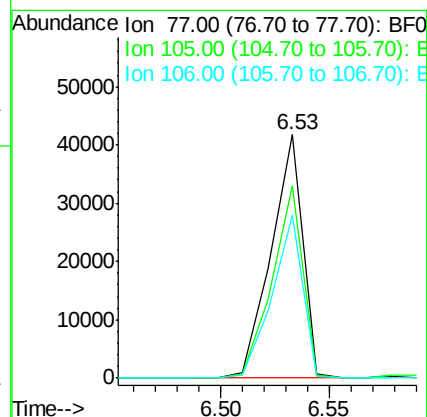
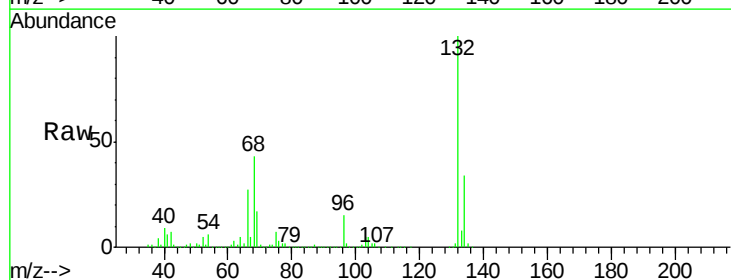
Tgt Ion: 77 Resp: 42605

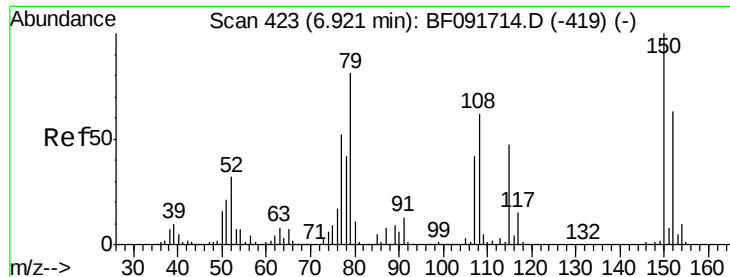
Ion Ratio Lower Upper

77 100

105 79.0 83.9 123.9#

106 66.7 77.6 117.6#

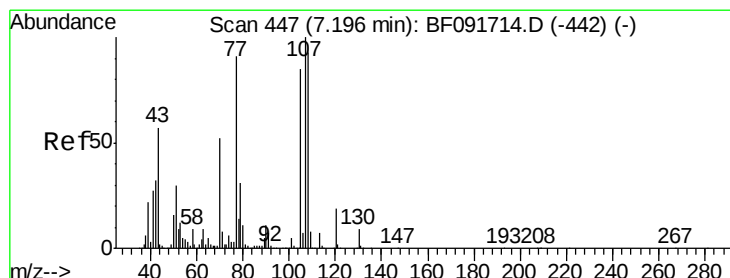
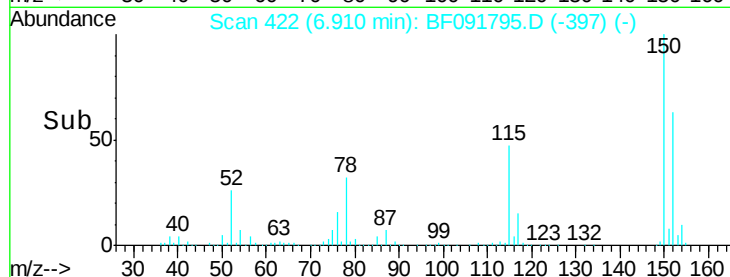
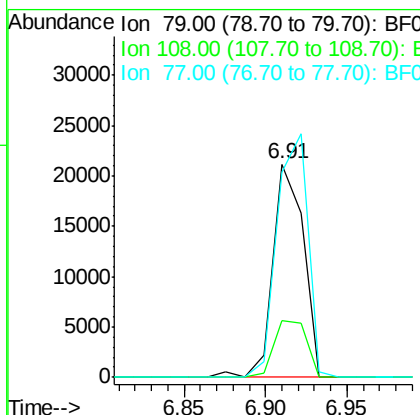
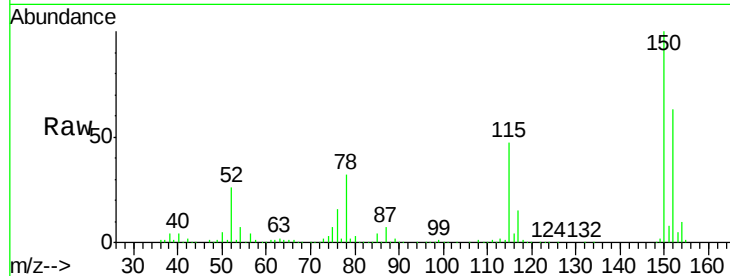




#15
Benzyl Alcohol
Concen: 2.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF091795.D
Acq: 20 Dec 2016 1:26

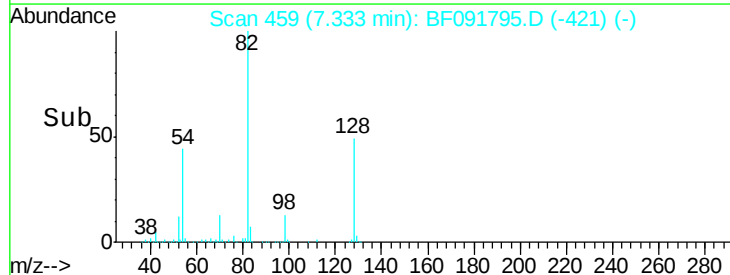
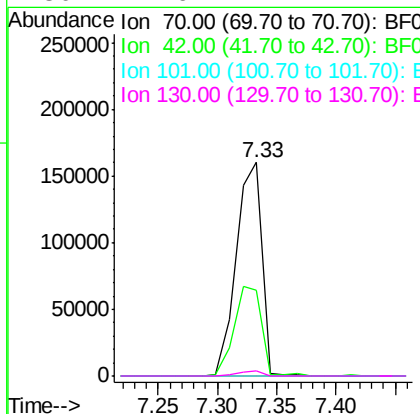
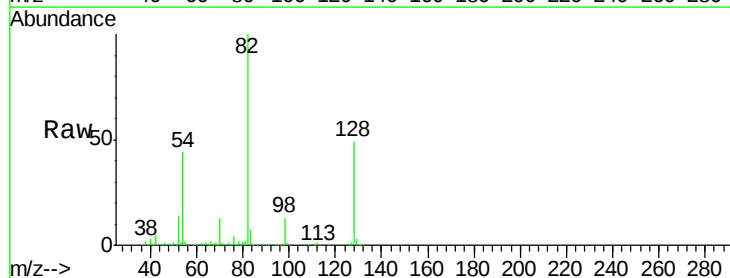
Instrument :
BNA_F
ClientSampleId :
MW-32

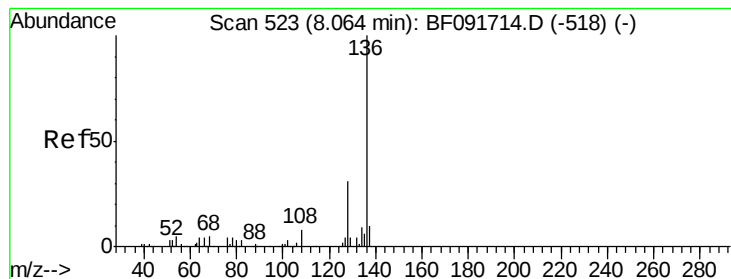
Tgt Ion: 79 Resp: 27579
Ion Ratio Lower Upper
79 100
108 26.9 61.4 92.0#
77 96.3 50.9 76.3#



#19
n-Nitroso-di-n-propylamine
Concen: 20.32 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF091795.D
Acq: 20 Dec 2016 1:26

Tgt Ion: 70 Resp: 240680
Ion Ratio Lower Upper
70 100
42 40.4 49.4 74.0#
101 0.0 7.4 11.2#
130 2.6 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

Instrument :

BNA_F

ClientSampleId :

MW-32

Tgt Ion: 136 Resp: 972128

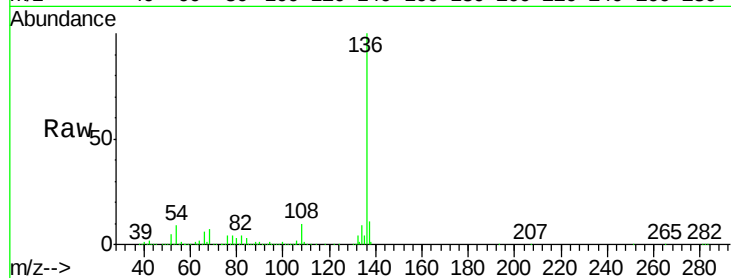
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.7 4.5 6.7#

68 6.8 3.6 5.4#

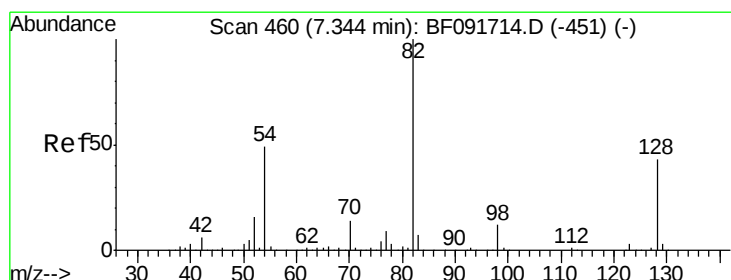
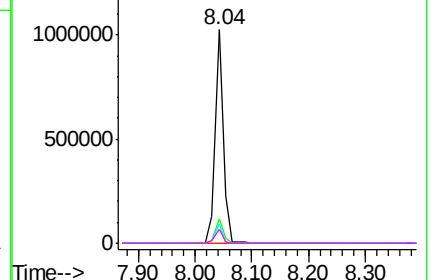
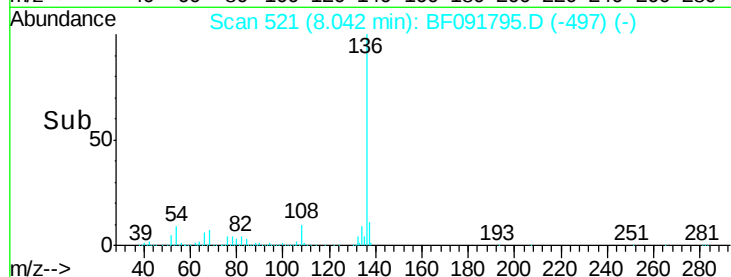


Abundance Ion 136.00 (135.70 to 136.70): E

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: 107.60 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

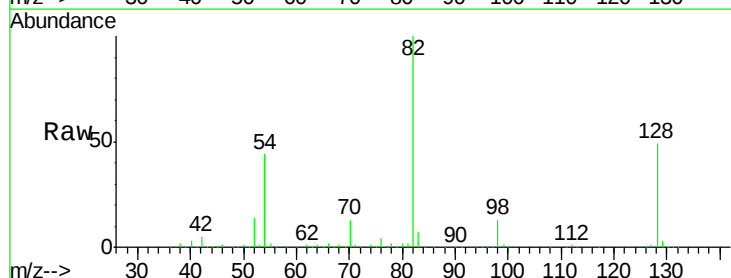
Tgt Ion: 82 Resp: 1813900

Ion Ratio Lower Upper

82 100

128 49.3 34.6 52.0

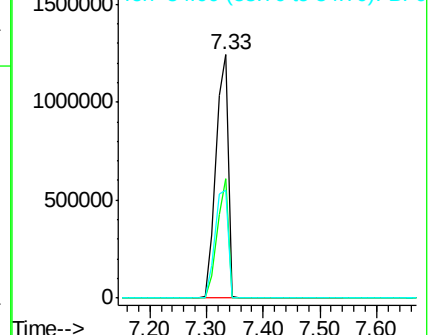
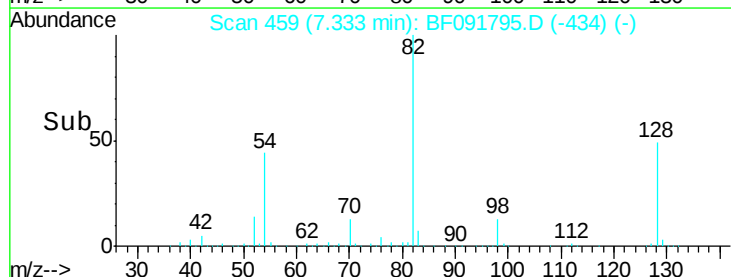
54 44.2 39.5 59.3

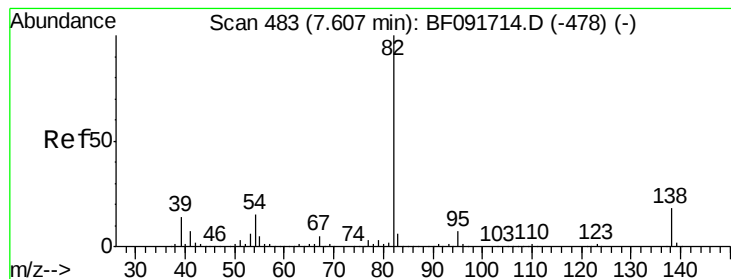


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.07 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

Instrument :

BNA_F

ClientSampleId :

MW-32

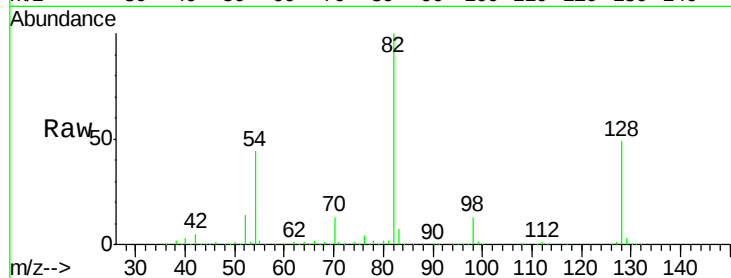
Tgt Ion: 82 Resp: 1578229

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

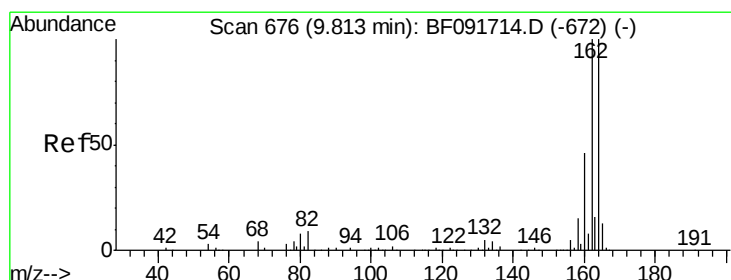
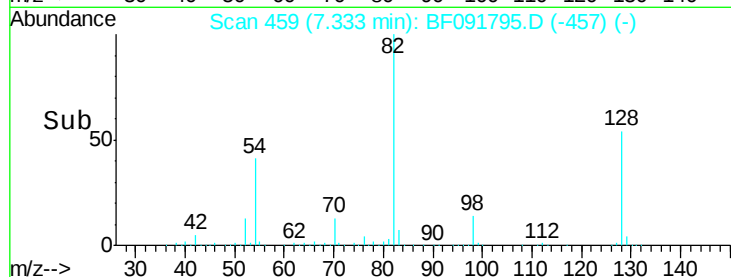
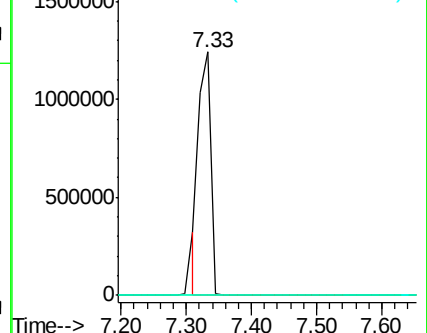
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

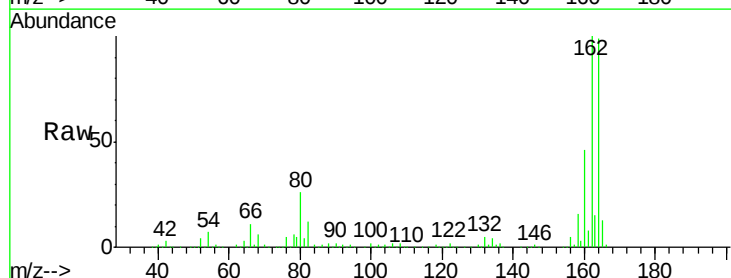
Tgt Ion: 164 Resp: 476585

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

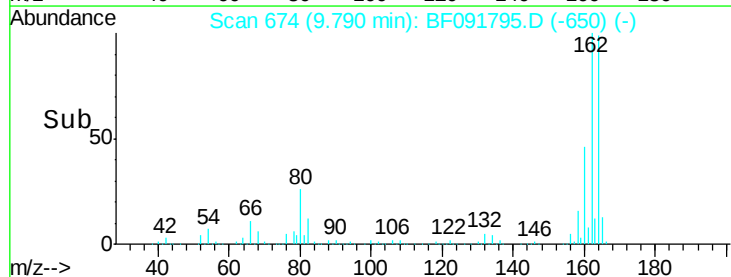
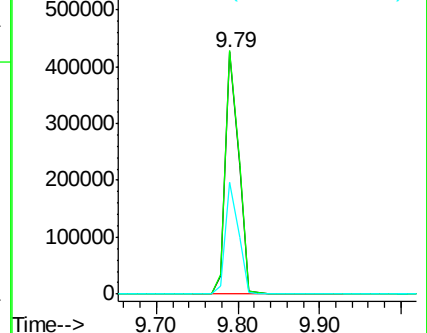
160 46.0 36.9 55.3

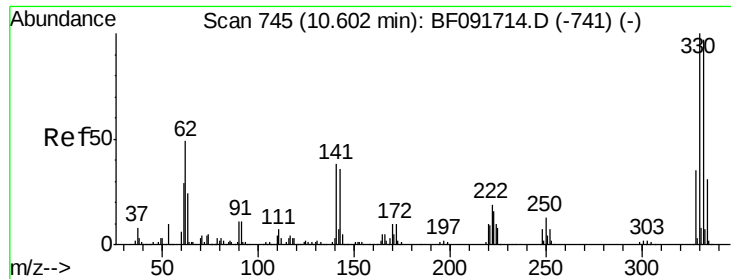


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

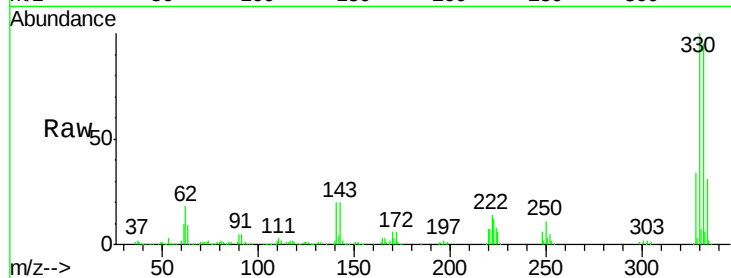




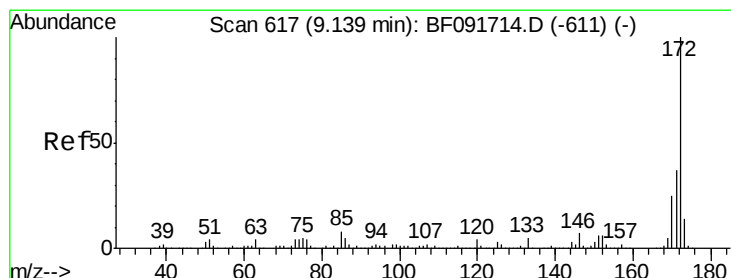
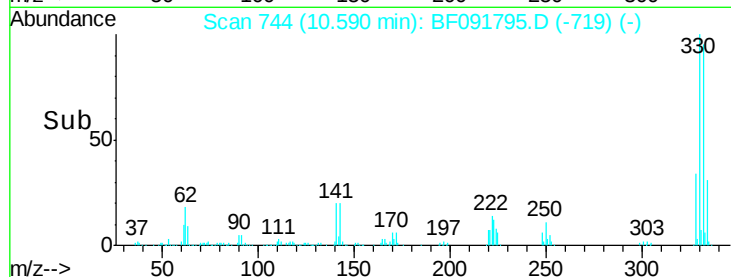
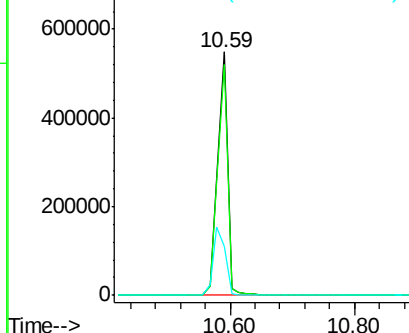
#41
 2,4,6-Tribromophenol
 Concen: 148.01 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091795.D
 Acq: 20 Dec 2016 1:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Tgt Ion:330 Resp: 598162
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 34.6 34.1 51.1

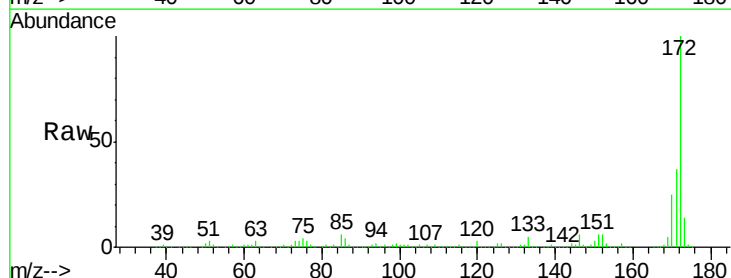


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

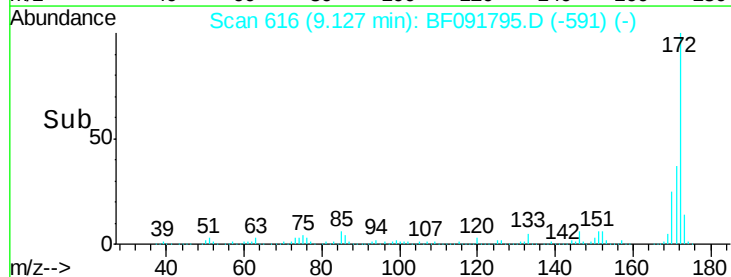
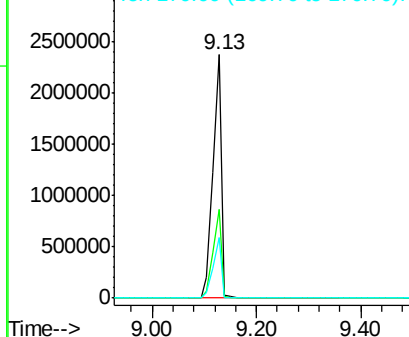


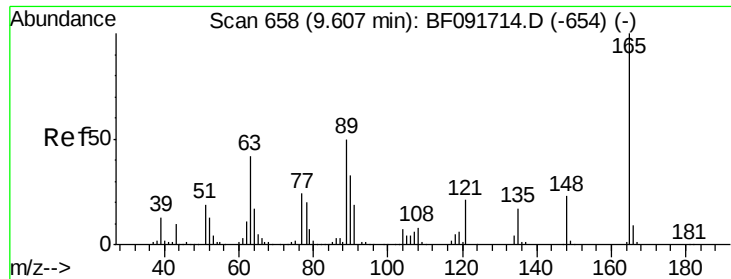
#44
 2-Fluorobiphenyl
 Concen: 112.62 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091795.D
 Acq: 20 Dec 2016 1:26

Tgt Ion:172 Resp: 2671508
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.9 20.2 30.4



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

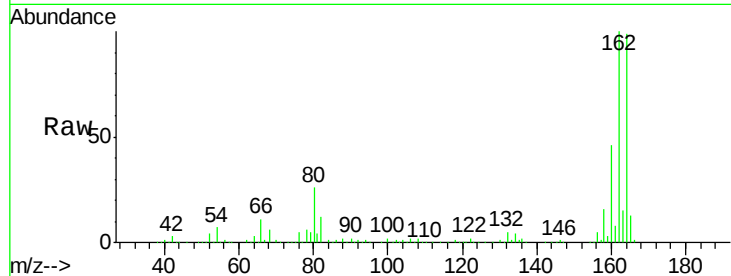




#50
 2,6-Dinitrotoluene
 Concen: 8.81 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.18 min
 Lab File: BF091795.D
 Acq: 20 Dec 2016 1:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

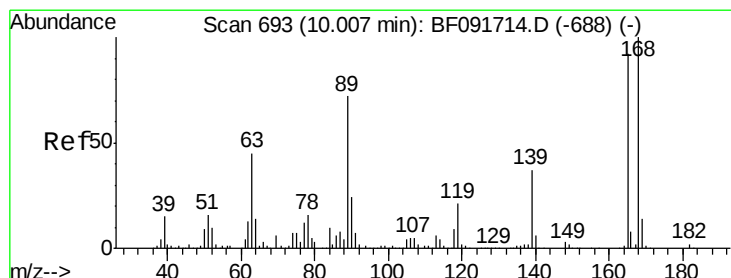
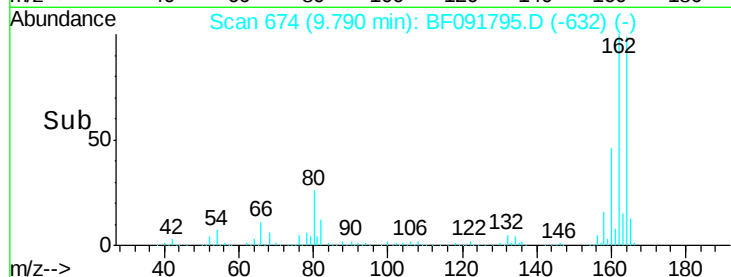
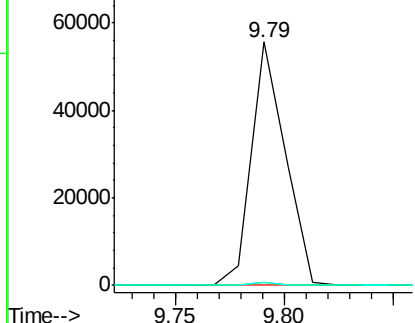
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	60151		
63	1.3	36.2	54.4#	
89	1.2	40.2	60.4#	



Abundance Ion 165.00 (164.70 to 165.70): E

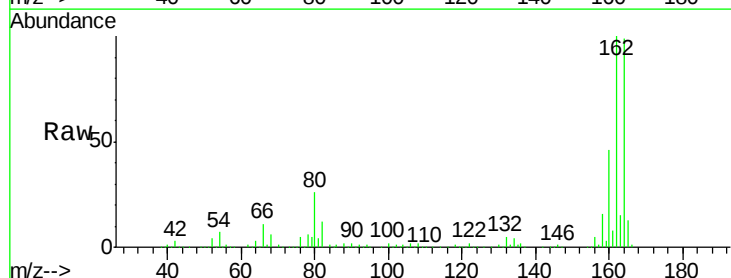
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 7.05 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.22 min
 Lab File: BF091795.D
 Acq: 20 Dec 2016 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	60153		
63	1.3	40.2	60.4#	
89	1.2	62.5	93.7#	
182	0.0	1.8	2.8#	

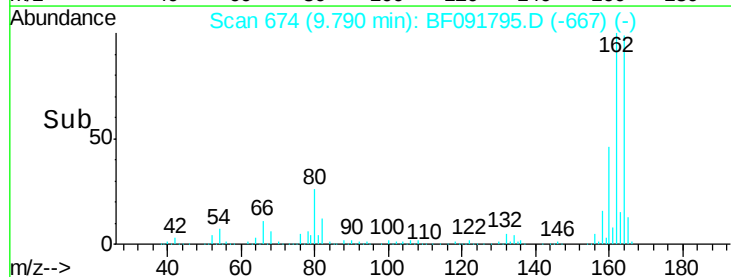
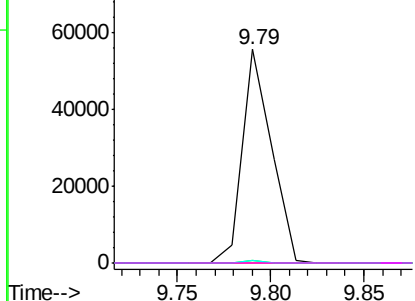


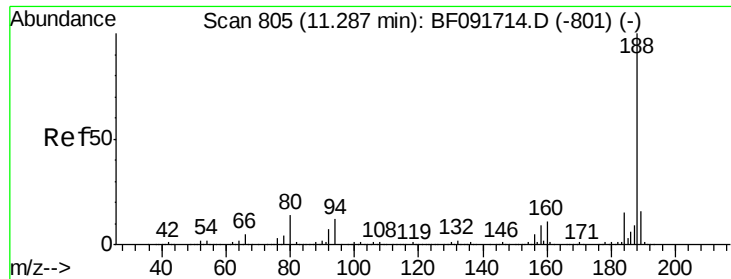
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

Instrument :

BNA_F

ClientSampleId :

MW-32

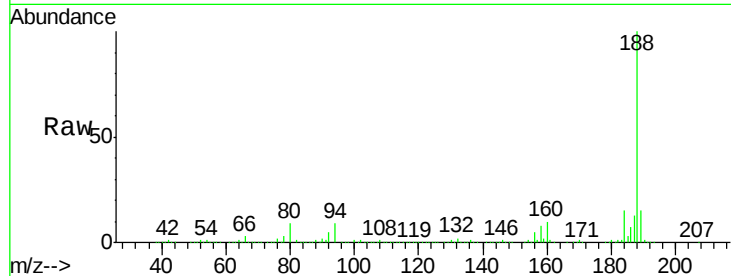
Tgt Ion:188 Resp: 801767

Ion Ratio Lower Upper

188 100

94 8.9 10.0 15.0#

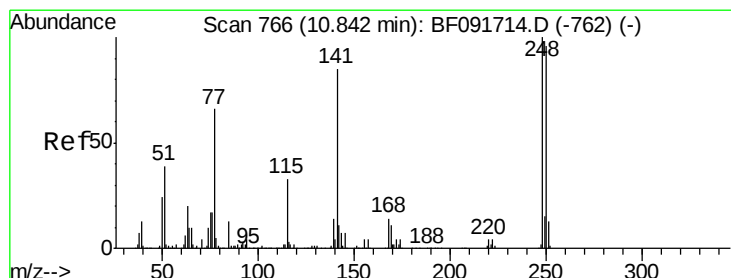
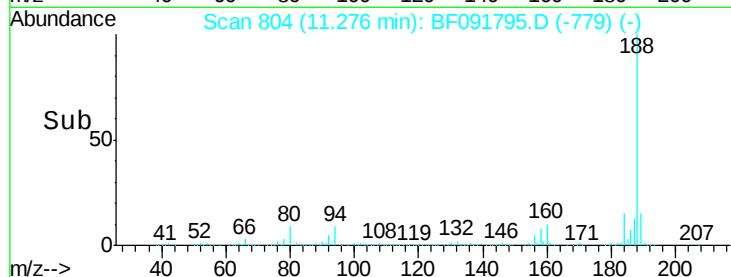
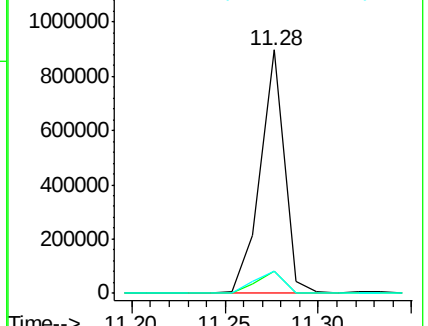
80 9.1 11.2 16.8#



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: 4.51 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

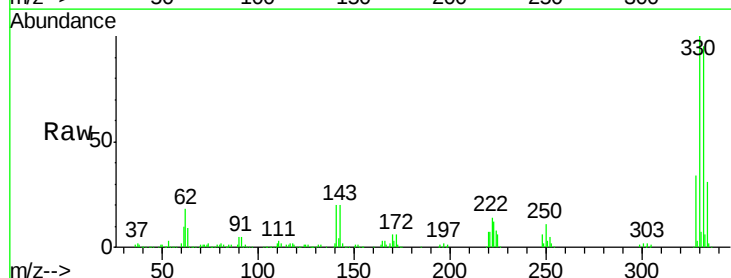
Tgt Ion:248 Resp: 37938

Ion Ratio Lower Upper

248 100

250 198.6 76.9 115.3#

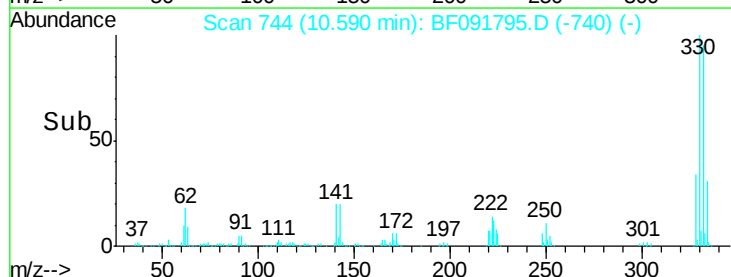
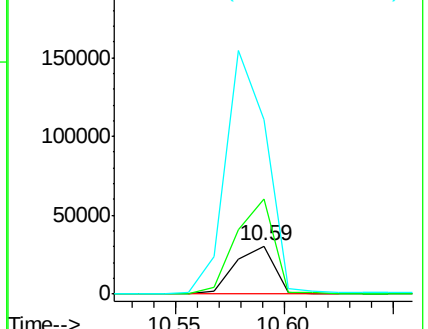
141 364.2 68.2 102.4#

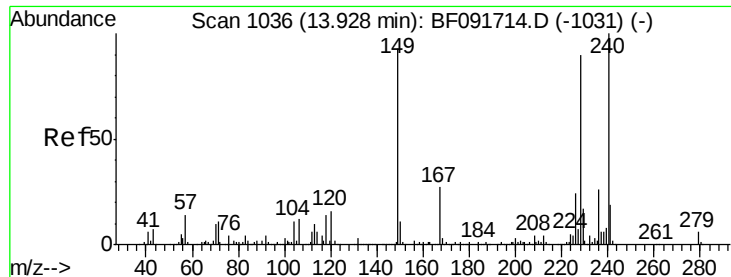


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

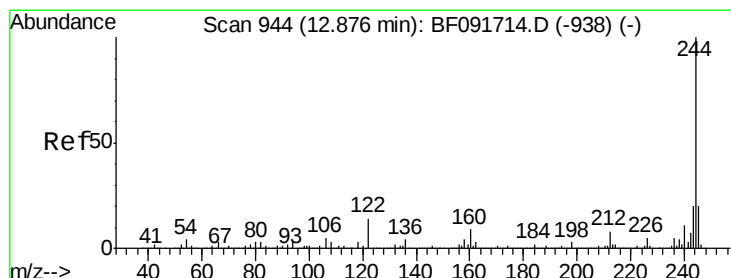
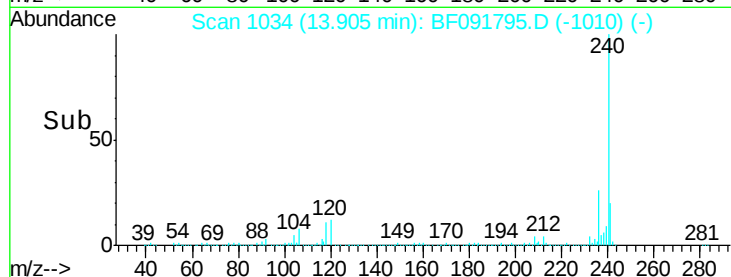
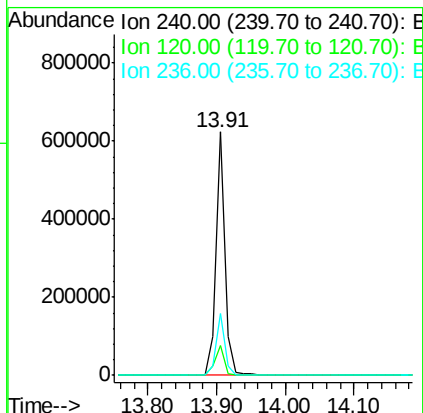
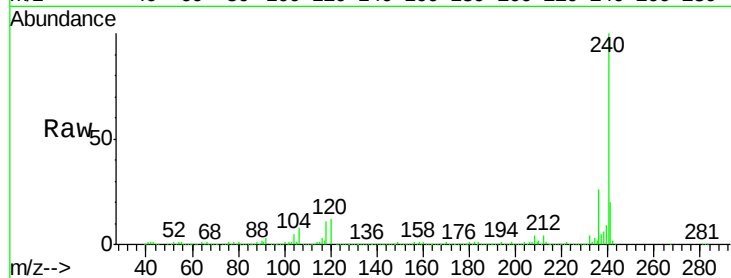
Instrument :

BNA_F

ClientSampleId :

MW-32

Tgt Ion:240 Resp: 581953
 Ion Ratio Lower Upper
 240 100
 120 12.2 12.9 19.3#
 236 25.7 20.9 31.3



#78

Terphenyl-d14

Concen: 86.82 ng

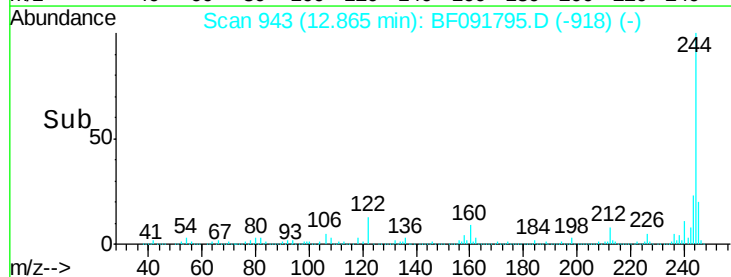
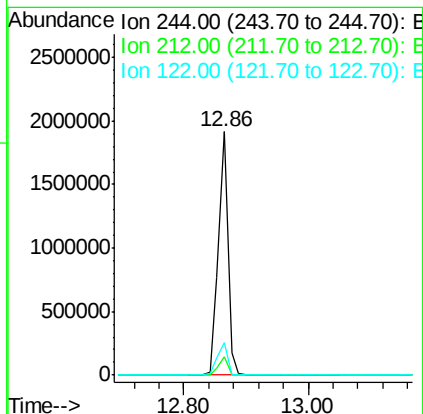
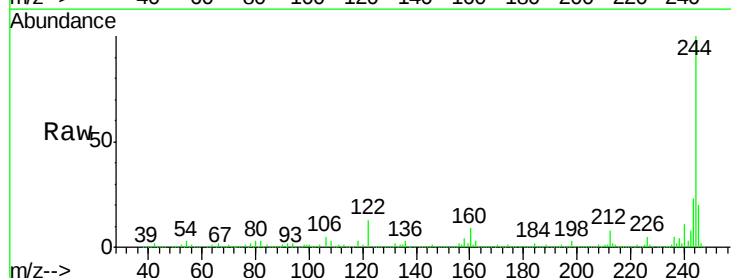
RT: 12.86 min Scan# 943

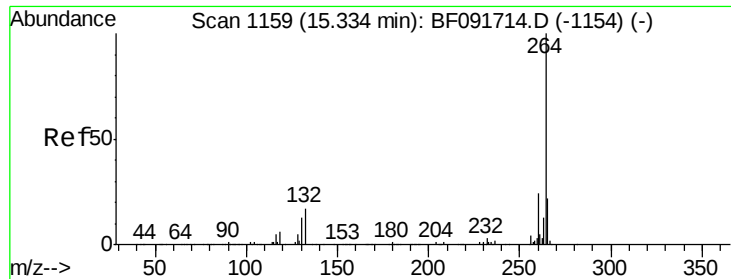
Delta R.T. -0.01 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

Tgt Ion:244 Resp: 2001100
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 13.1 11.4 17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF091795.D
Acq: 20 Dec 2016 1:26

Instrument :
BNA_F
ClientSampleId :
MW-32

Tgt Ion: 264 Resp: 470673
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.5 17.4 26.0

