

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091812.D
 Acq On : 20 Dec 2016 11:36
 Operator : UM/SJ
 Sample : H6147-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Dec 20 23:37:56 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

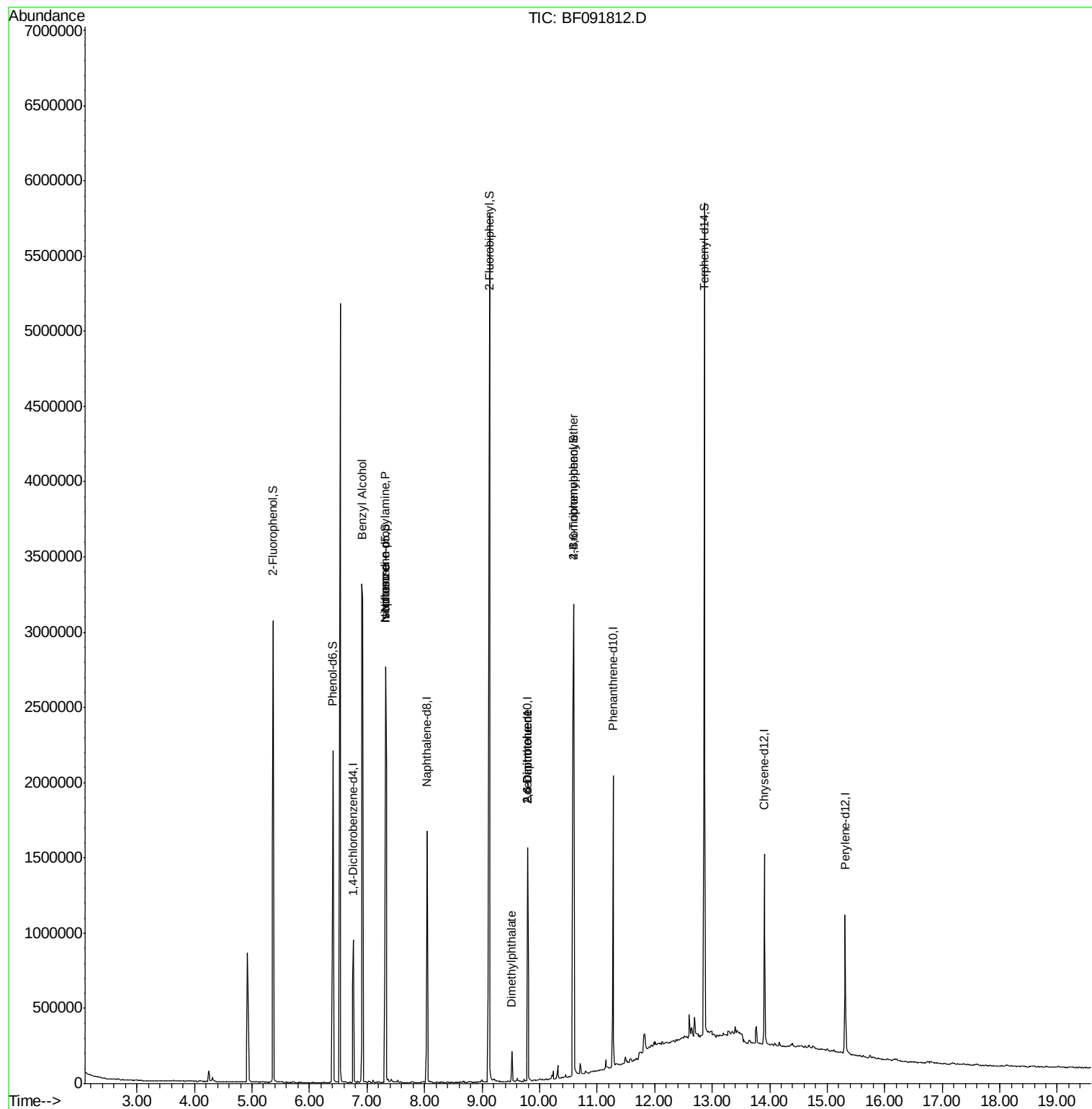
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	187363	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	764573	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	394199	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	693127	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	555968	20.00	ng	-0.02
86) Perylene-d12	15.31	264	425867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	956865	85.56	ng	0.00
7) Phenol-d6	6.41	99	793786	58.20	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1384536	104.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	526676	157.56	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2348567	119.69	ng	-0.01
78) Terphenyl-d14	12.87	244	2067990	93.92	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.41	77	1152	Below Cal	#	1
15) Benzyl Alcohol	6.91	79	23013	2.18 ng	#	45
19) n-Nitroso-di-n-propylamine	7.32	70	185748	20.47 ng	#	76
25) Isophorone	7.32	82	1191705	47.11 ng	#	65
49) Dimethylphthalate	9.52	163	79710	3.10 ng		98
50) 2,6-Dinitrotoluene	9.79	165	52151	9.24 ng	#	31
56) 2,4-Dinitrotoluene	9.79	165	52144	7.39 ng	#	20
66) 4-Bromophenyl-phenylether	10.59	248	34899	4.80 ng	#	1

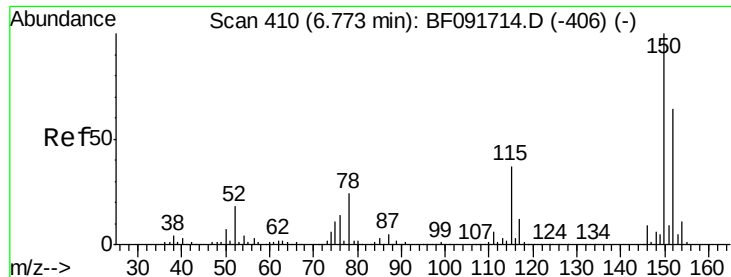
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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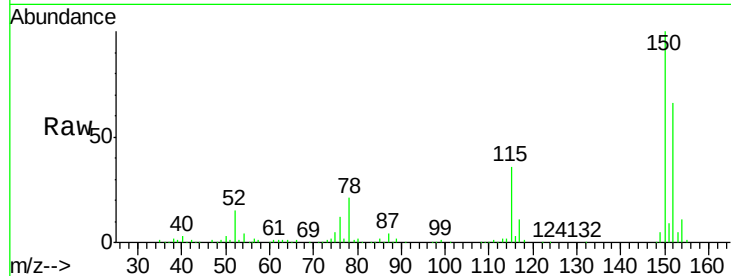


#1

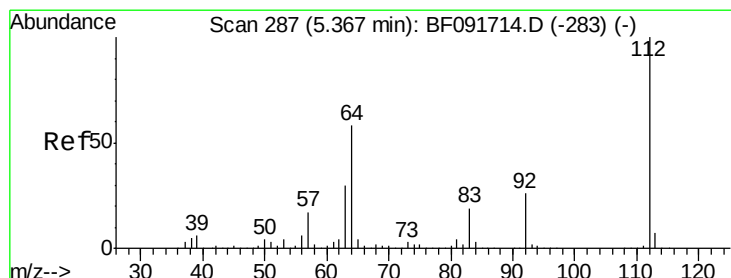
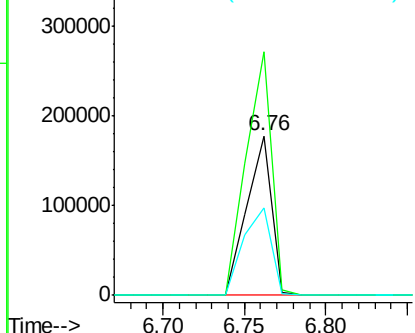
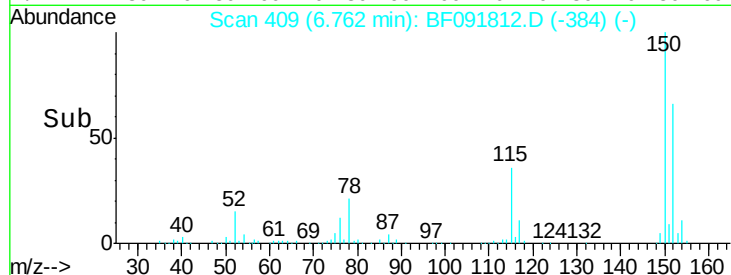
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091812.D
 Acq: 20 Dec 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion:152 Resp: 187363
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.9 187.3
 115 55.1 46.0 69.0



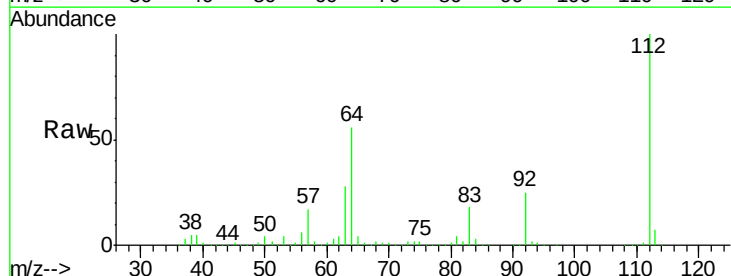
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



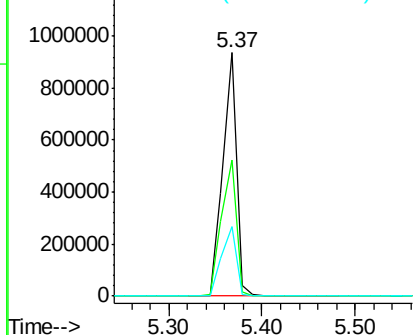
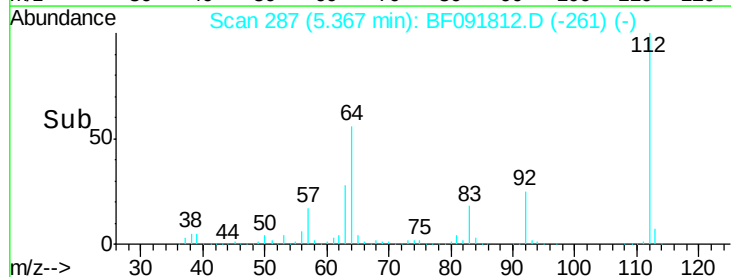
#5

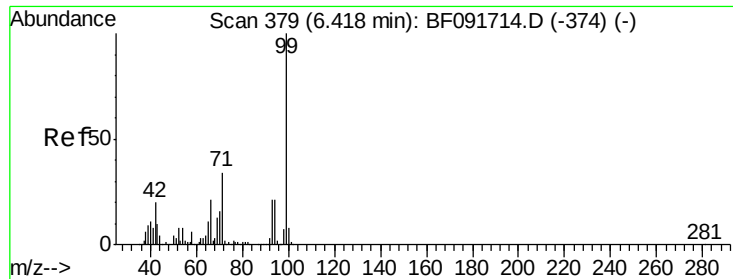
2-Fluorophenol
 Concen: 85.56 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: BF091812.D
 Acq: 20 Dec 2016 11:36

Tgt Ion:112 Resp: 956865
 Ion Ratio Lower Upper
 112 100
 64 55.8 46.1 69.1
 63 28.4 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: 58.20 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091812.D

Acq: 20 Dec 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-10

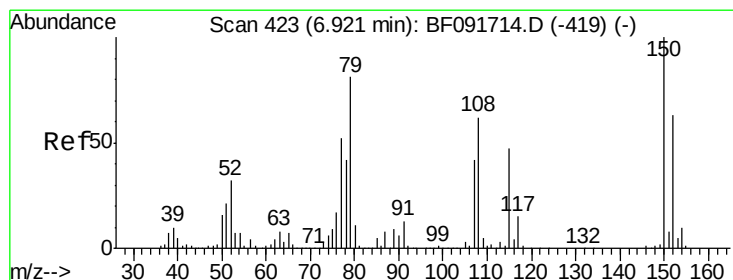
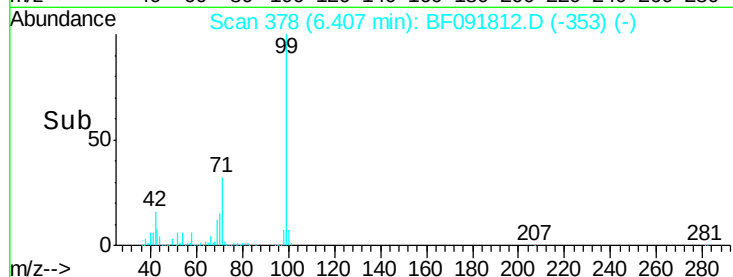
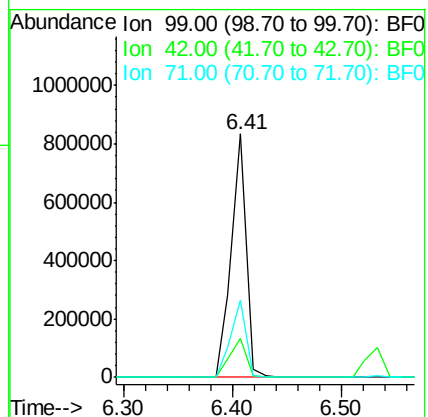
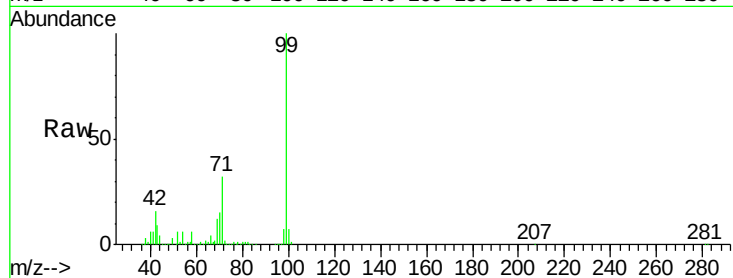
Tgt Ion: 99 Resp: 793786

Ion Ratio Lower Upper

99 100

42 16.0 15.6 23.4

71 31.8 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091812.D

Acq: 20 Dec 2016 11:36

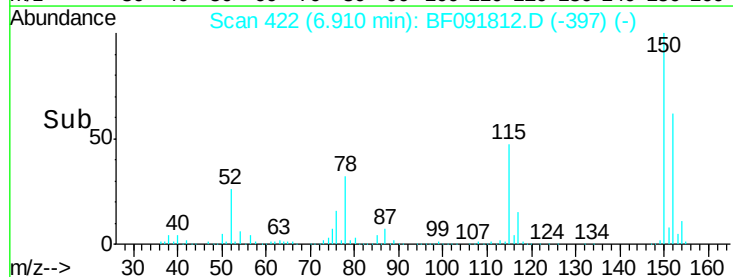
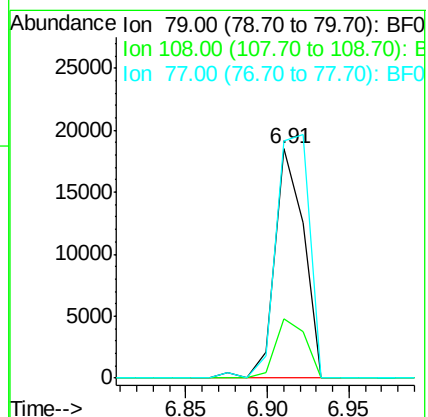
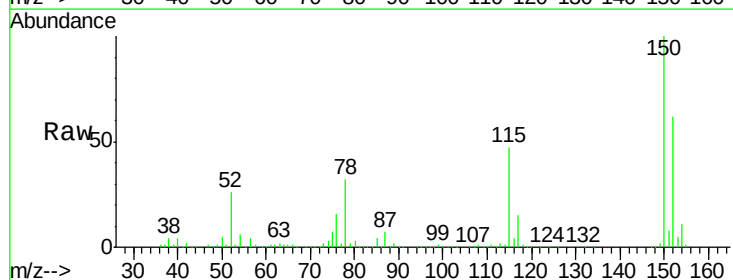
Tgt Ion: 79 Resp: 23013

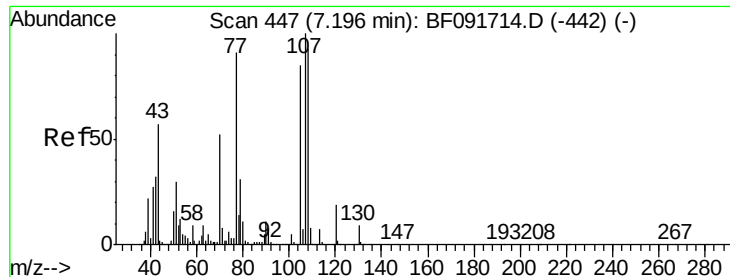
Ion Ratio Lower Upper

79 100

108 26.0 61.4 92.0#

77 103.4 50.9 76.3#

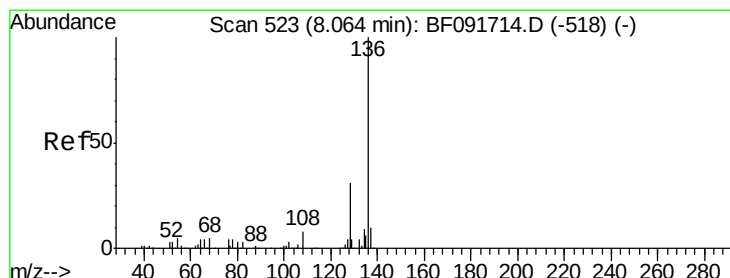
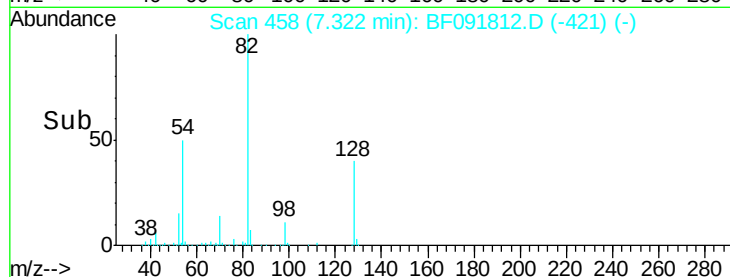
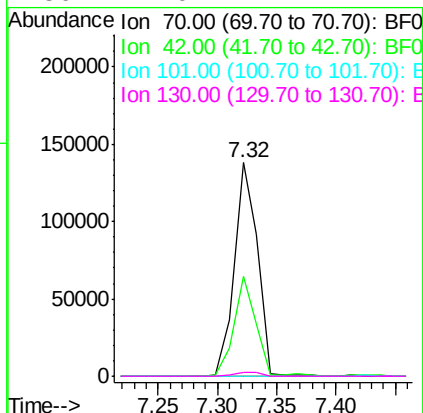
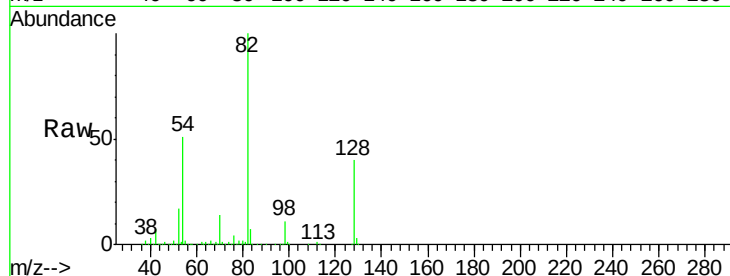




#19
n-Nitroso-di-n-propylamine
Concen: 20.47 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

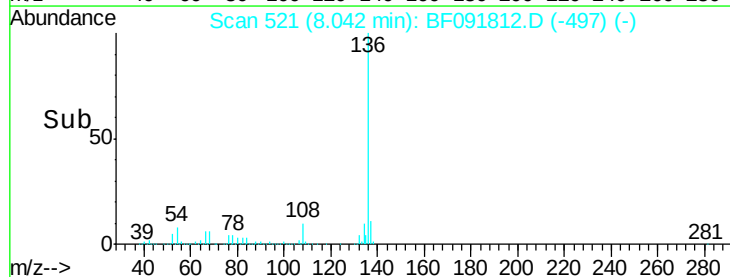
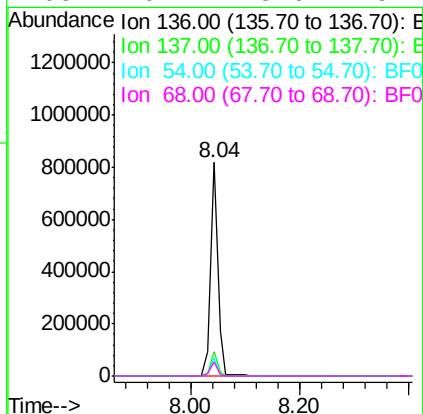
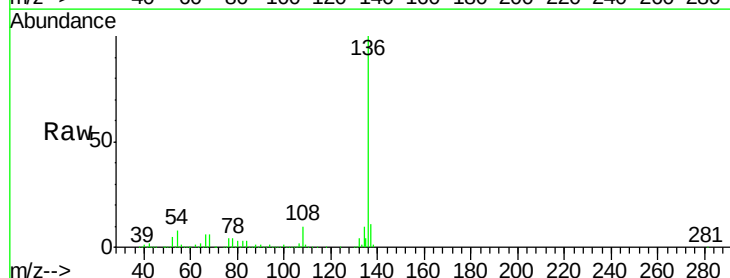
Instrument :
BNA_F
ClientSampleId :
MW-10

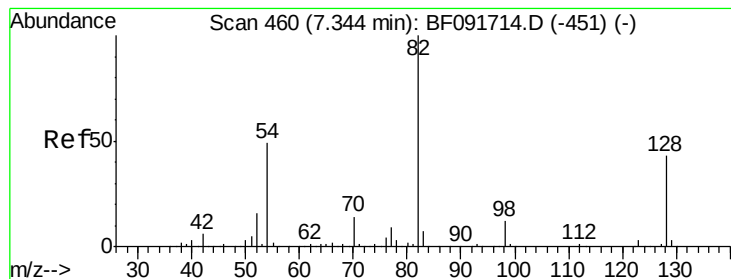
Tgt Ion:	70	Resp:	185748
Ion	Ratio	Lower	Upper
70	100		
42	46.6	49.4	74.0#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Tgt Ion:	136	Resp:	764573
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	8.4	4.5	6.7#
68	6.4	3.6	5.4#





#23

Nitrobenzene-d5

Concen: 104.43 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF091812.D

Acq: 20 Dec 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-10

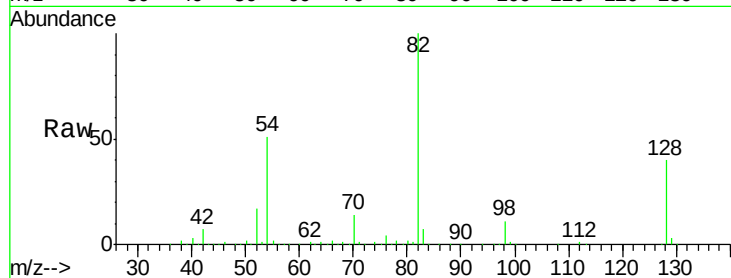
Tgt Ion: 82 Resp: 1384536

Ion Ratio Lower Upper

82 100

128 40.2 34.6 52.0

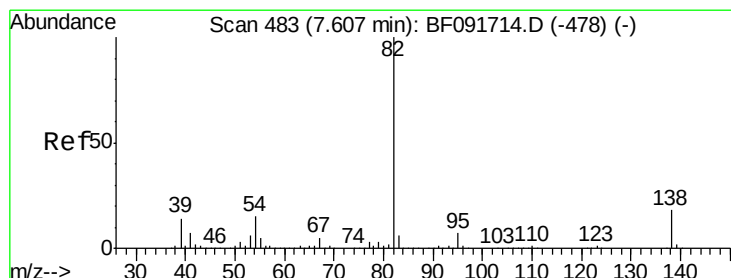
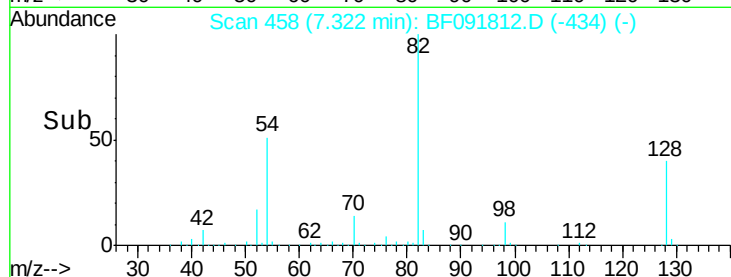
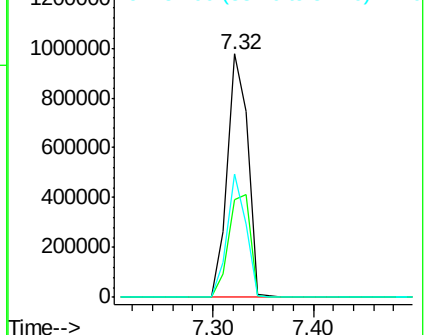
54 50.8 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 47.11 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF091812.D

Acq: 20 Dec 2016 11:36

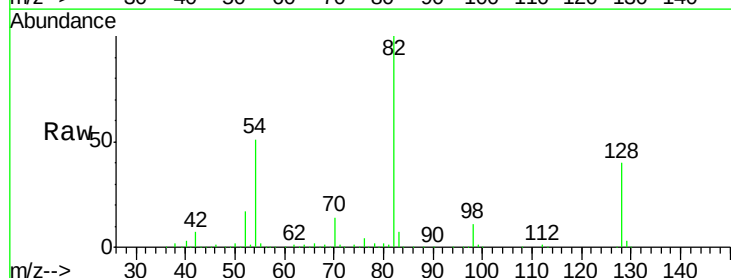
Tgt Ion: 82 Resp: 1191705

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

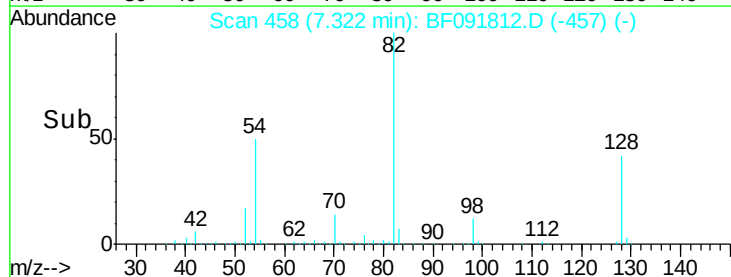
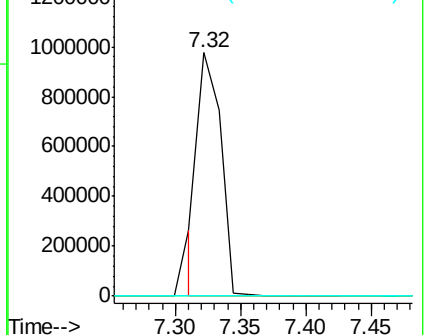
138 0.0 14.6 22.0#

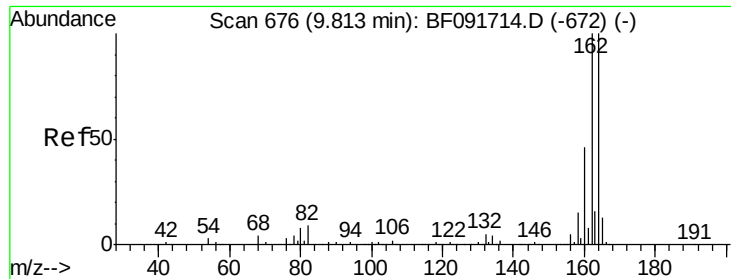


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

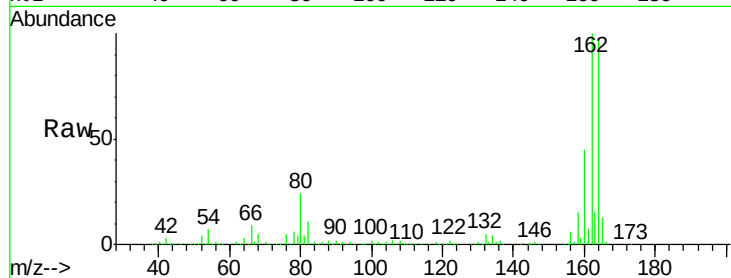




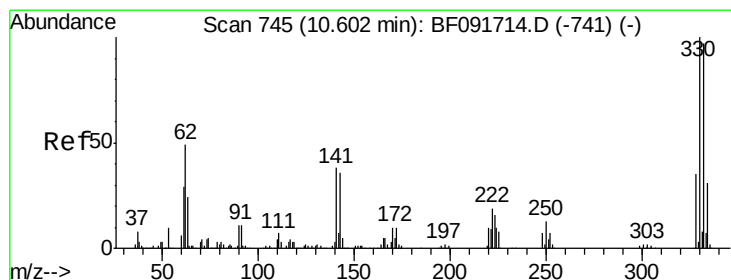
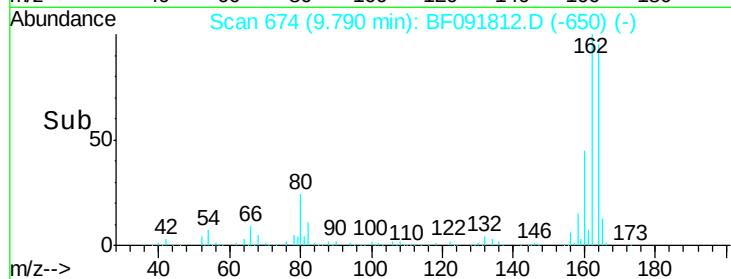
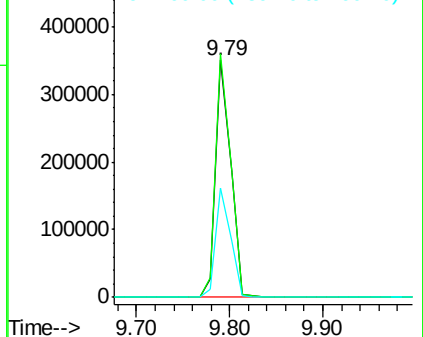
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.2
160	45.8	36.9	55.3

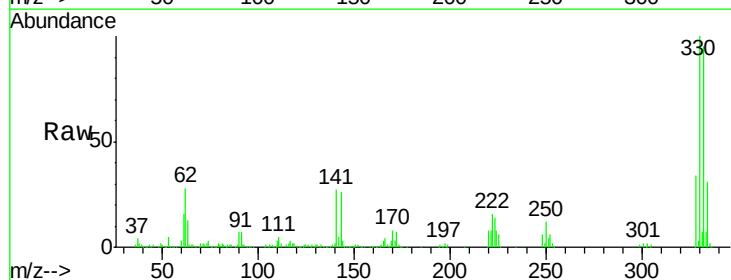


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

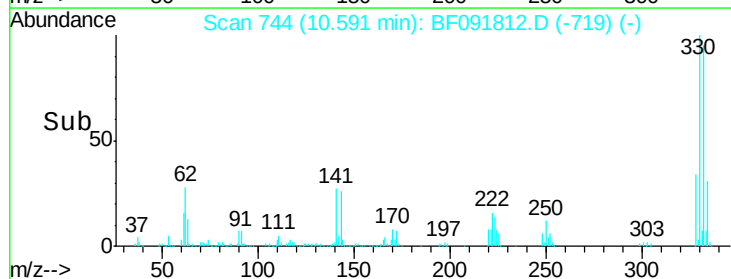
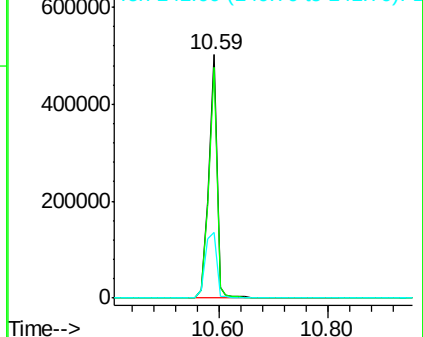


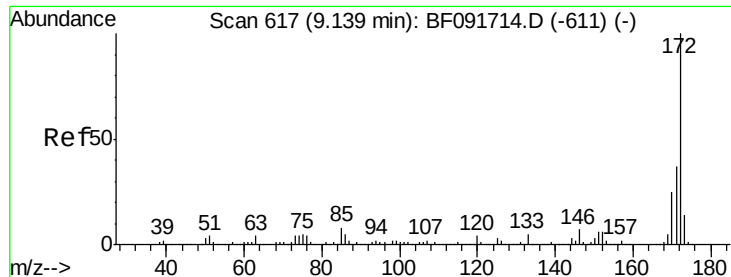
#41
2,4,6-Tribromophenol
Concen: 157.56 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	37.6	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

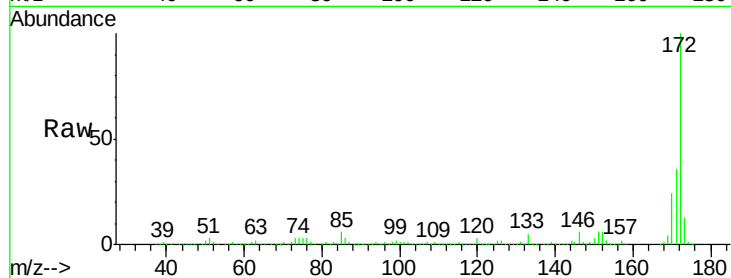




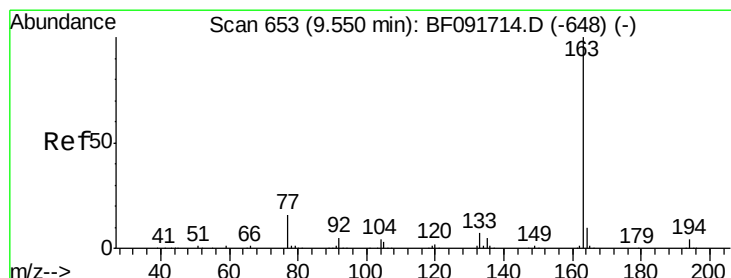
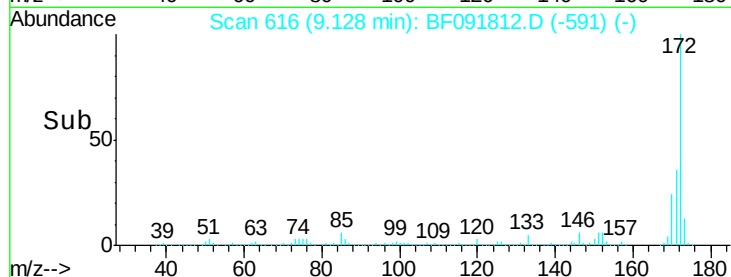
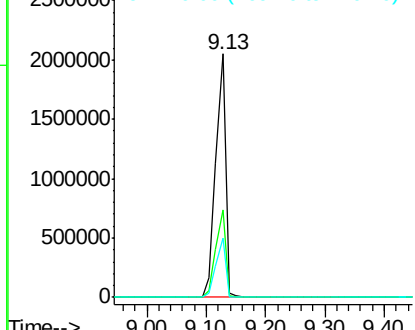
#44
 2-Fluorobiphenyl
 Concen: 119.69 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091812.D
 Acq: 20 Dec 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion:172 Resp: 2348567
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.4 20.2 30.4

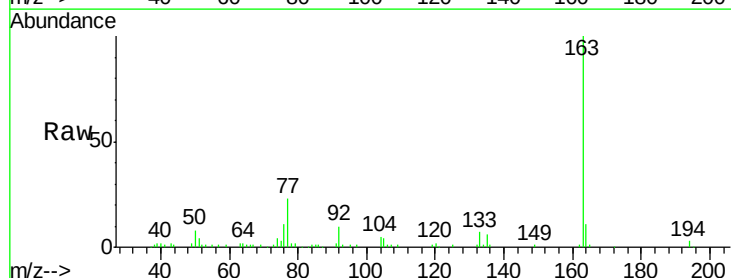


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

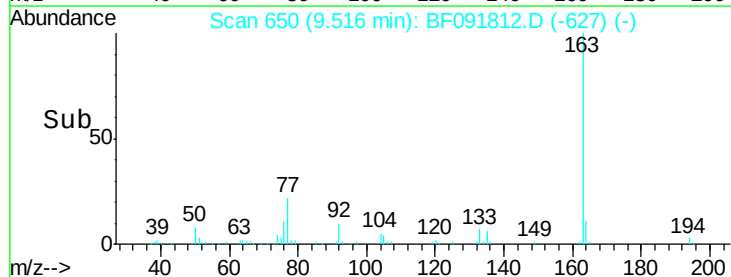
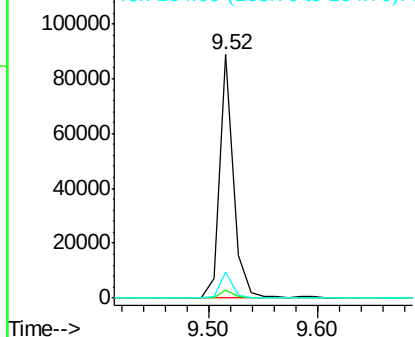


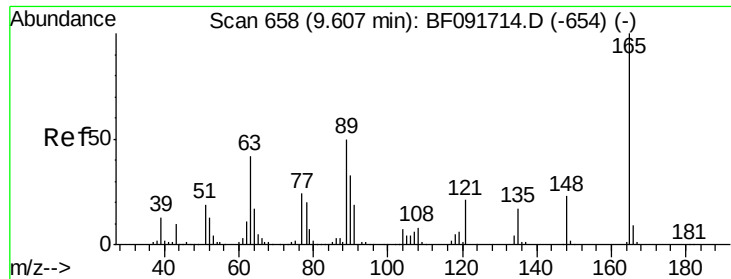
#49
 Dimethylphthalate
 Concen: 3.10 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF091812.D
 Acq: 20 Dec 2016 11:36

Tgt Ion:163 Resp: 79710
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 10.7 8.0 12.0



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

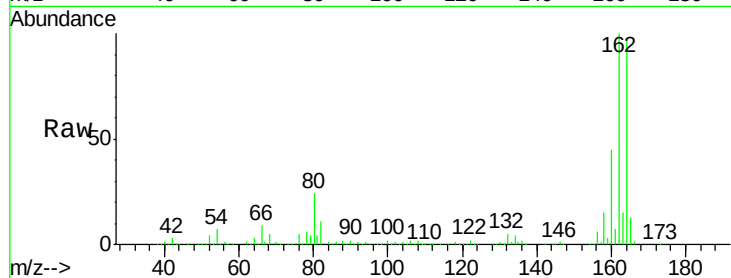




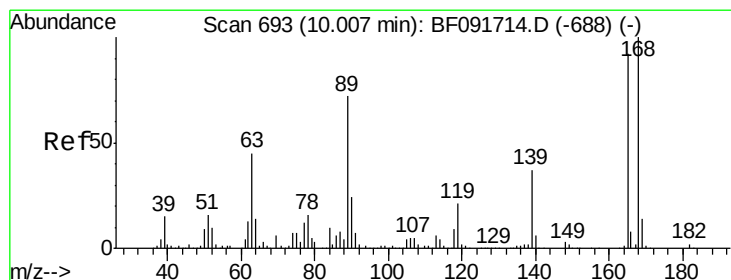
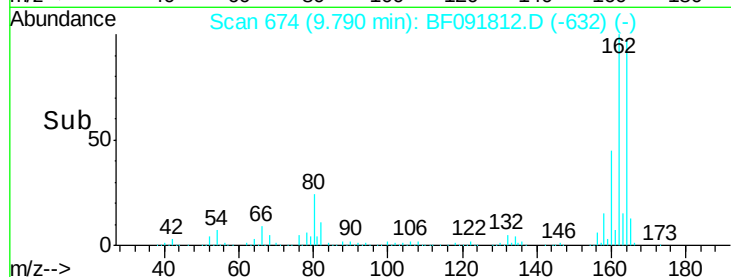
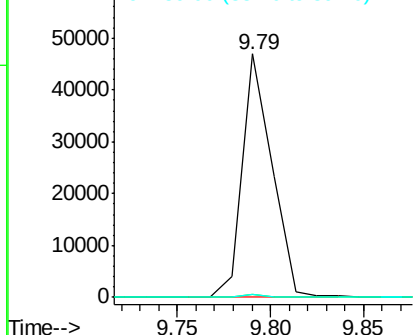
#50
2,6-Dinitrotoluene
Concen: 9.24 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.18 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:165 Resp: 52151
Ion Ratio Lower Upper
165 100
63 1.3 36.2 54.4#
89 1.4 40.2 60.4#

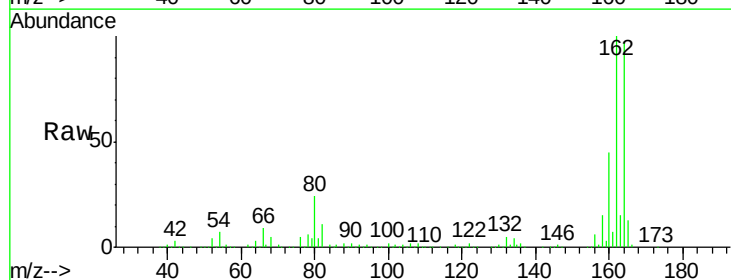


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

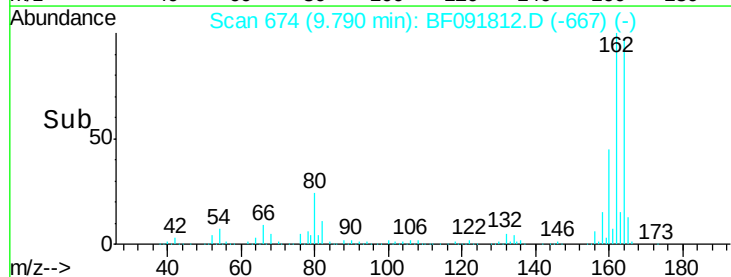
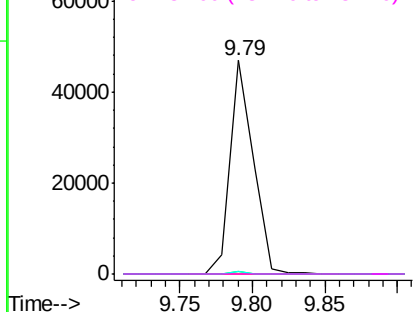


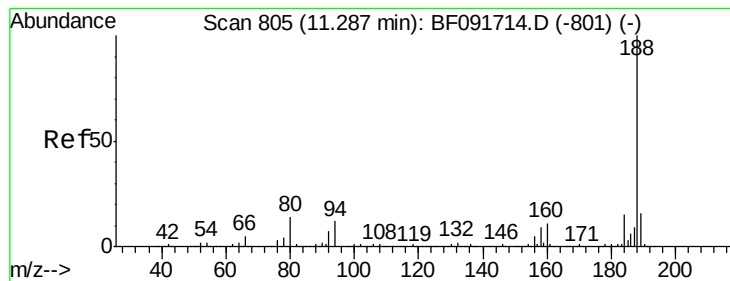
#56
2,4-Dinitrotoluene
Concen: 7.39 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.22 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Tgt Ion:165 Resp: 52144
Ion Ratio Lower Upper
165 100
63 1.3 40.2 60.4#
89 1.4 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: BF091812.D

Acq: 20 Dec 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-10

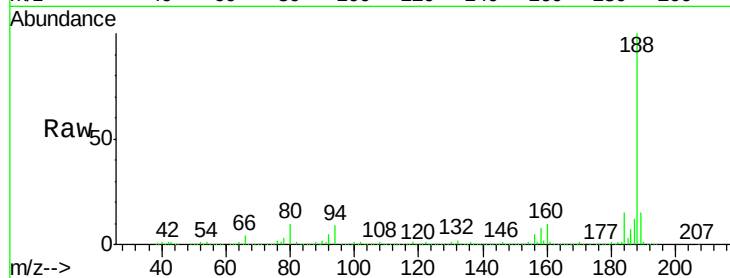
Tgt Ion:188 Resp: 693127

Ion Ratio Lower Upper

188 100

94 9.5 10.0 15.0#

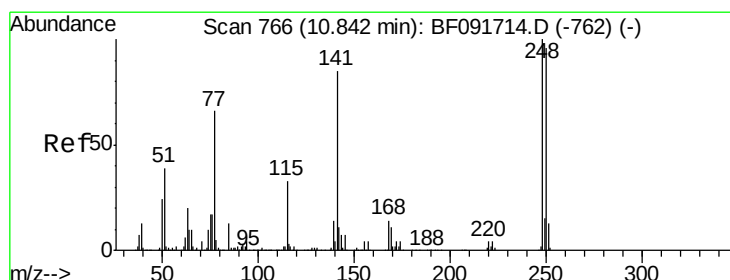
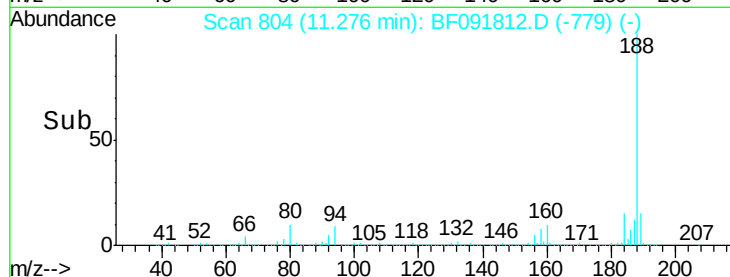
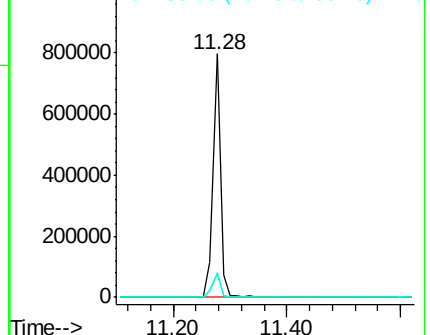
80 10.1 11.2 16.8#



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: 4.80 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF091812.D

Acq: 20 Dec 2016 11:36

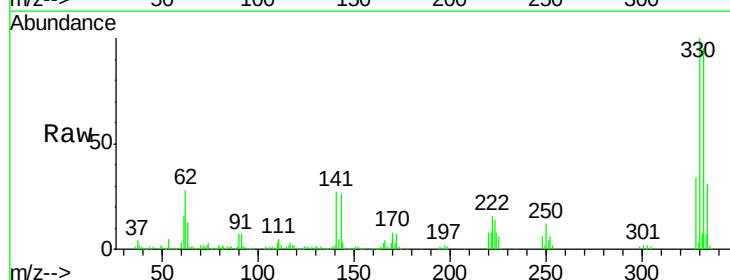
Tgt Ion:248 Resp: 34899

Ion Ratio Lower Upper

248 100

250 199.1 76.9 115.3#

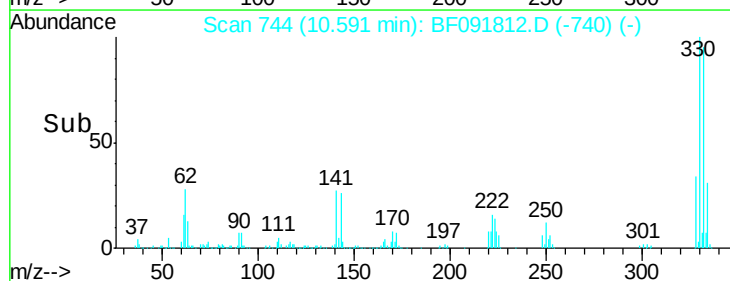
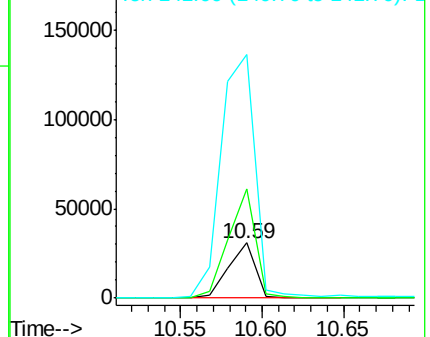
141 442.1 68.2 102.4#

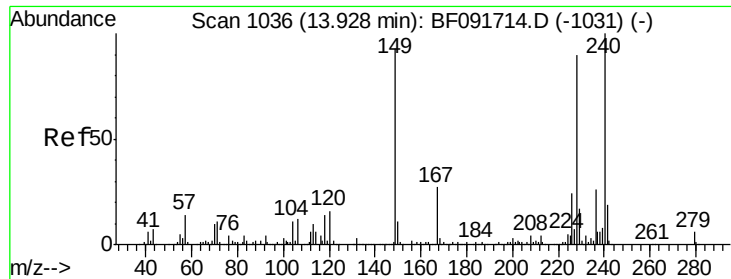


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF091812.D

Acq: 20 Dec 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-10

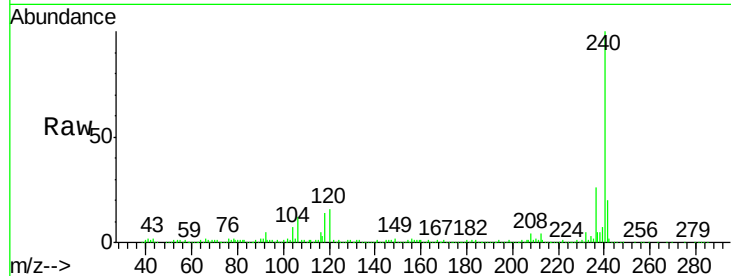
Tgt Ion:240 Resp: 555968

Ion Ratio Lower Upper

240 100

120 16.0 12.9 19.3

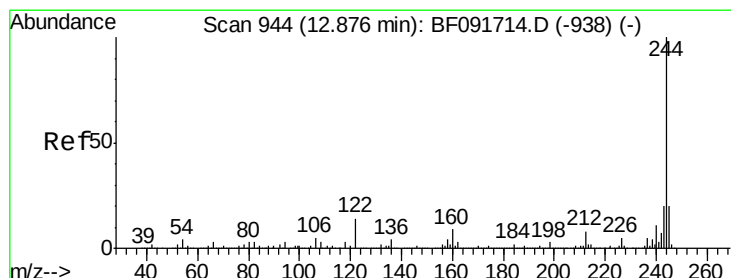
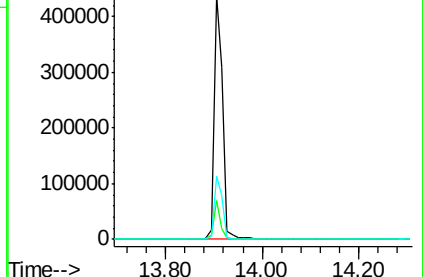
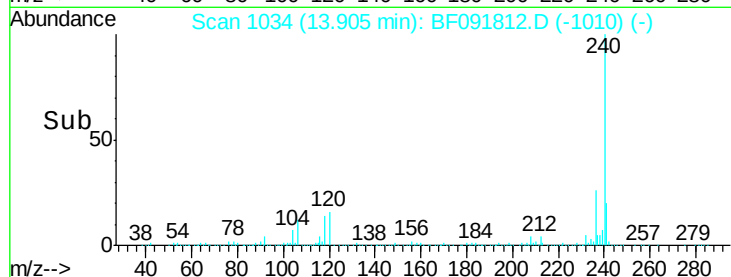
236 26.0 20.9 31.3



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: 93.92 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091812.D

Acq: 20 Dec 2016 11:36

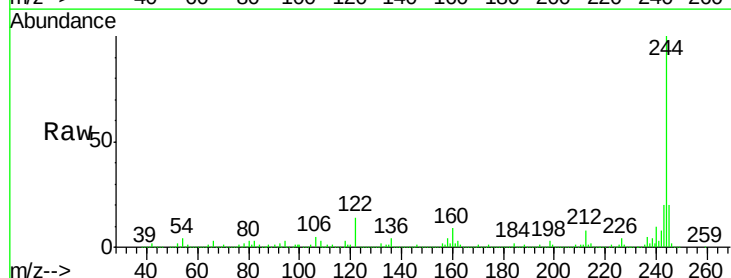
Tgt Ion:244 Resp: 2067990

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

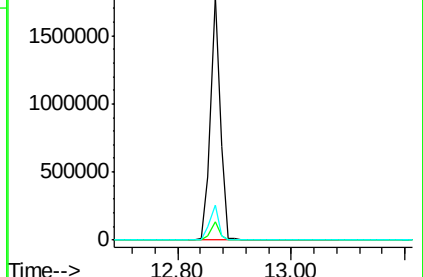
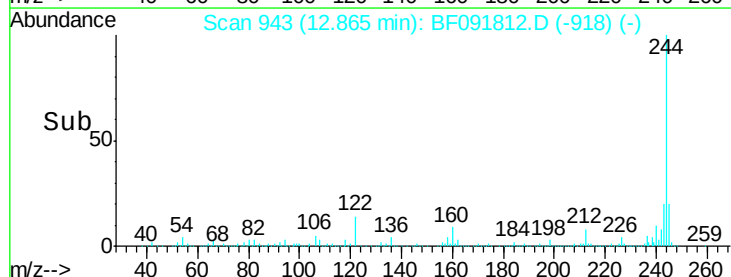
122 14.3 11.4 17.2

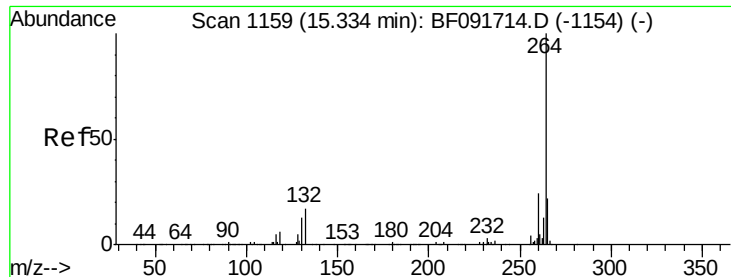


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

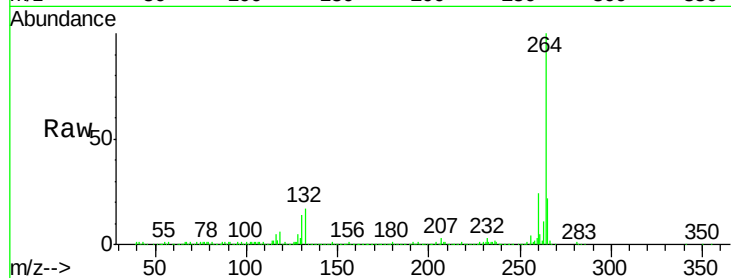




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion: 264 Resp: 425867
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.0 17.4 26.0



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

