

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090918.D
 Acq On : 28 Oct 2016 19:50
 Operator : UM/SJ
 Sample : H5411-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-02-DUP

Quant Time: Oct 28 23:06:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

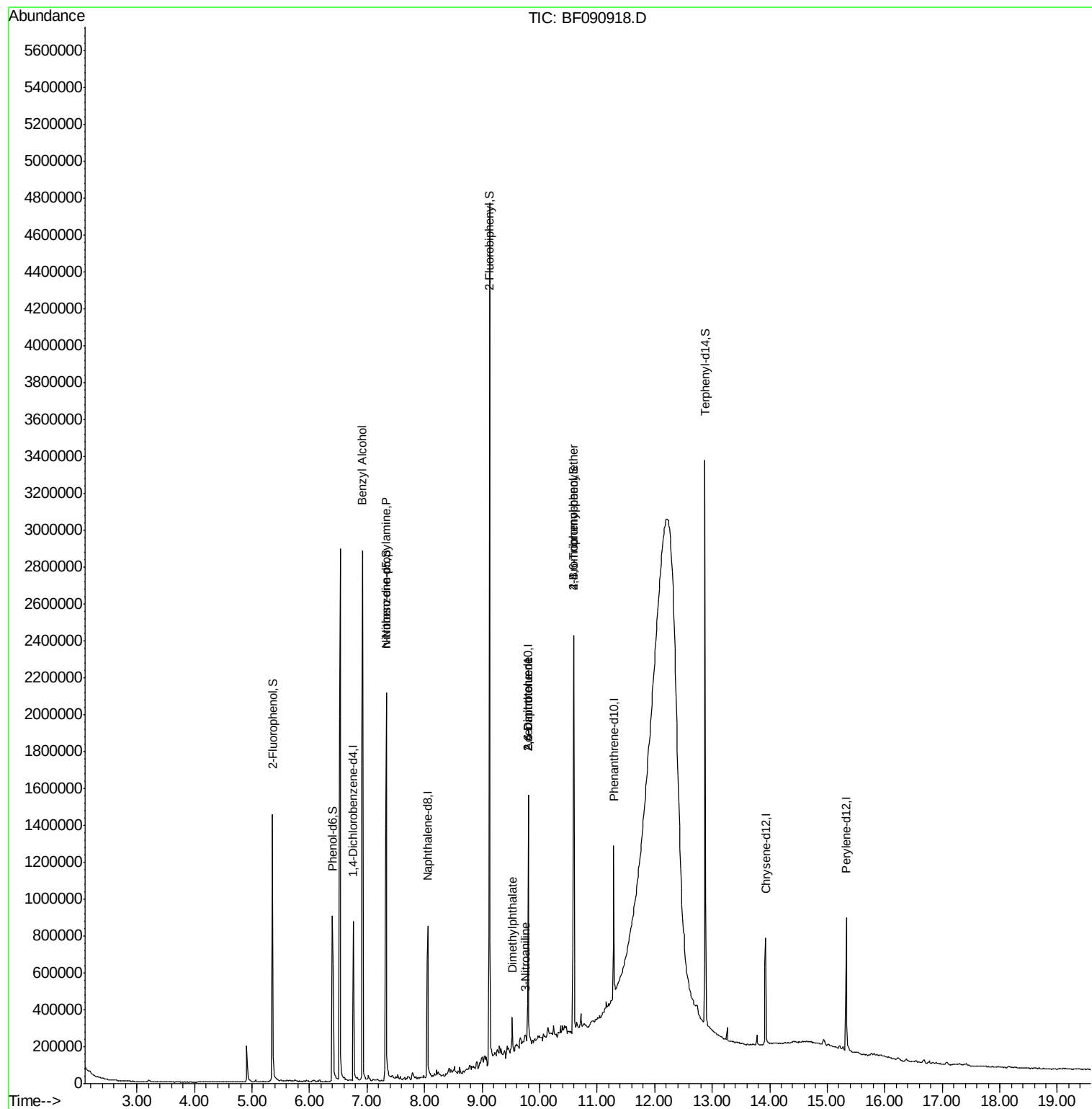
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	138291	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	532928	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	259816	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	327049	20.00	ng	0.00
75) Chrysene-d12	13.93	240	257059	20.00	ng	0.00
86) Perylene-d12	15.33	264	293986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	580094	73.34	ng	0.00
7) Phenol-d6	6.40	99	471389	44.18	ng	-0.02
23) Nitrobenzene-d5	7.33	82	986333	121.16	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	259214	97.08	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1404609	94.93	ng	-0.01
78) Terphenyl-d14	12.88	244	956879	93.78	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.92	79	17084	2.44	ng	# 26
19) n-Nitroso-di-n-propylamine	7.33	70	135982	22.04	ng	# 49
49) Dimethylphthalate	9.53	163	68602	3.95	ng	# 97
50) 2,6-Dinitrotoluene	9.80	165	33734	8.80	ng	# 40
52) 3-Nitroaniline	9.76	138	10453	2.56	ng	# 26
56) 2,4-Dinitrotoluene	9.80	165	34342	7.21	ng	# 34
66) 4-Bromophenyl-phenylether	10.59	248	17846	4.98	ng	# 1

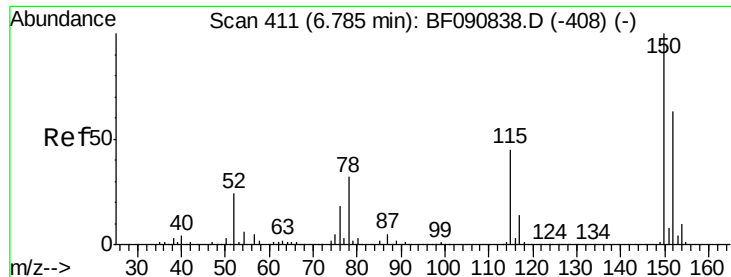
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090918.D

Acq: 28 Oct 2016 19:50

Instrument :

BNA_F

ClientSampleId :

TWP-02-DUP

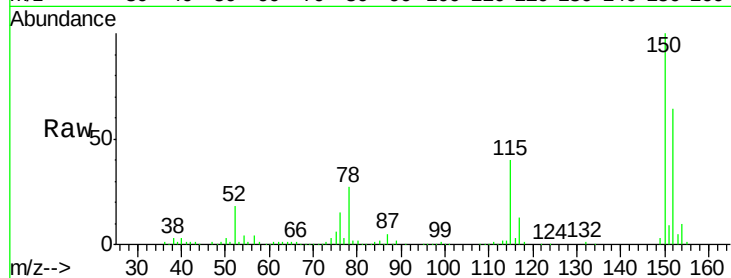
Tgt Ion:152 Resp: 138291

Ion Ratio Lower Upper

152 100

150 155.5 124.7 187.1

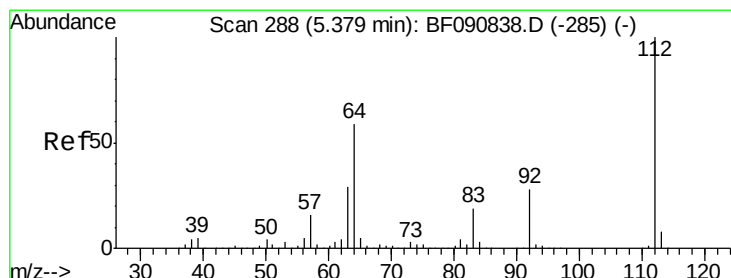
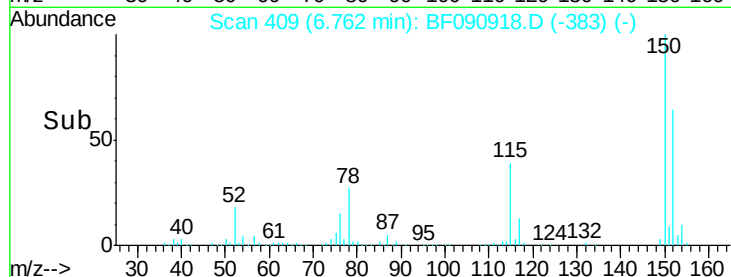
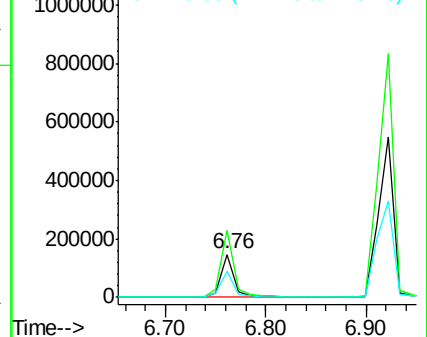
115 61.5 39.0 58.4#



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: 73.34 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090918.D

Acq: 28 Oct 2016 19:50

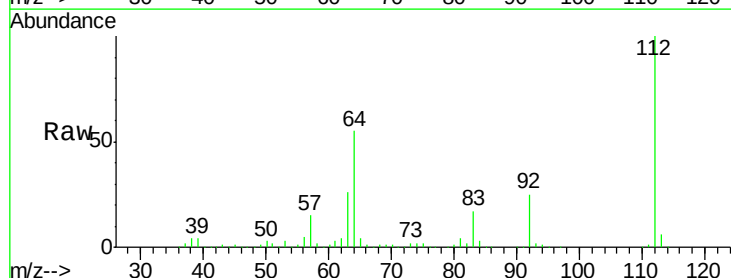
Tgt Ion:112 Resp: 580094

Ion Ratio Lower Upper

112 100

64 54.8 39.7 59.5

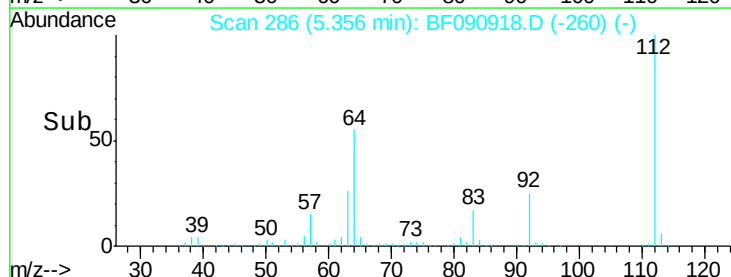
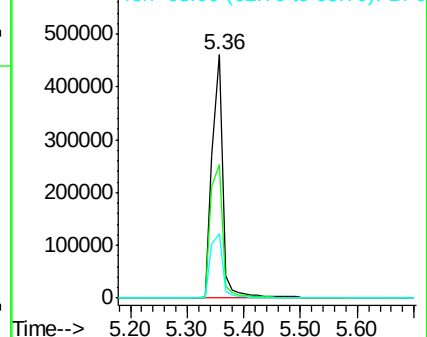
63 26.4 17.4 26.0#

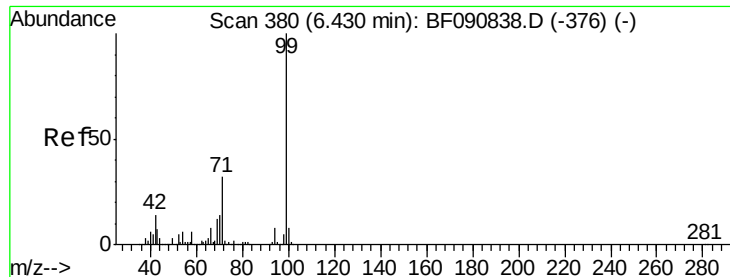


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.18 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF090918.D

Acq: 28 Oct 2016 19:50

Instrument :

BNA_F

ClientSampleId :

TWP-02-DUP

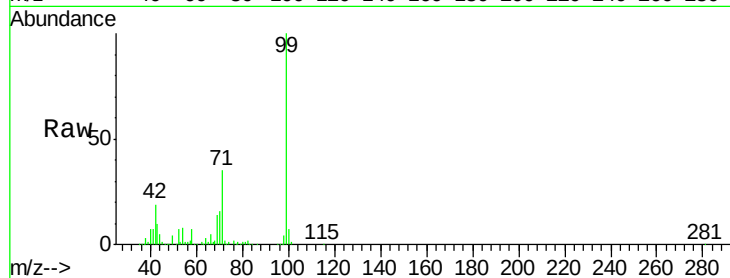
Tgt Ion: 99 Resp: 471389

Ion Ratio Lower Upper

99 100

42 19.0 13.7 20.5

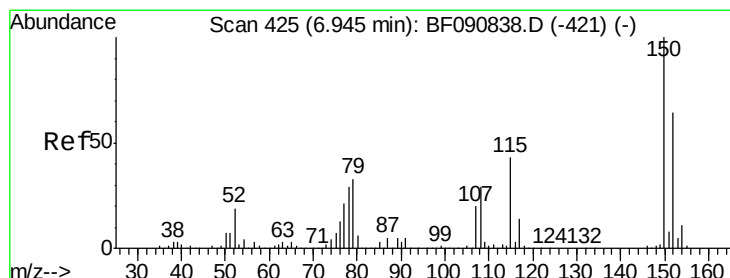
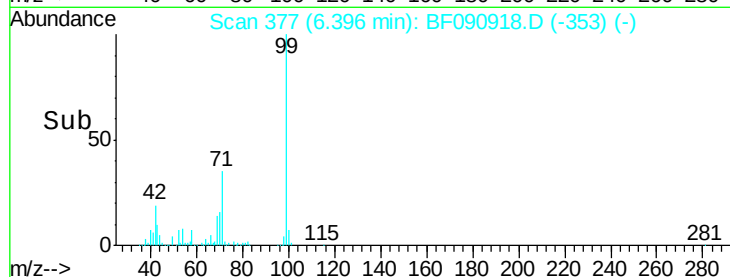
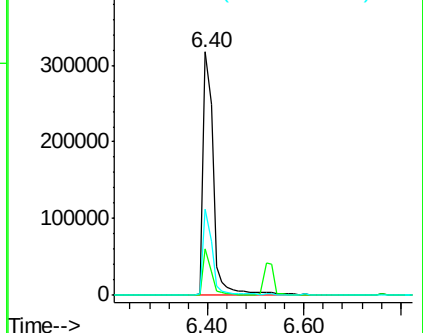
71 35.5 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.44 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF090918.D

Acq: 28 Oct 2016 19:50

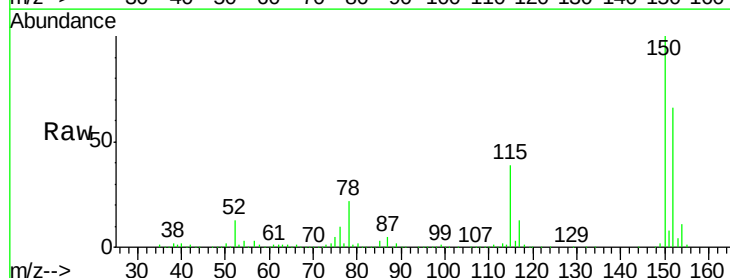
Tgt Ion: 79 Resp: 17084

Ion Ratio Lower Upper

79 100

108 32.8 88.6 132.8#

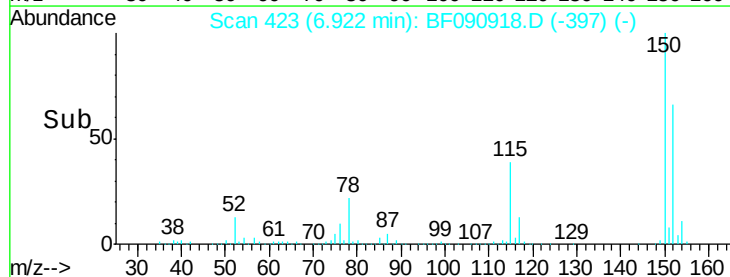
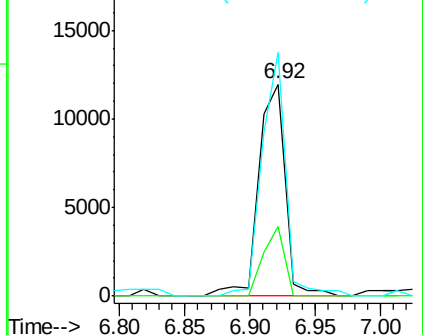
77 115.0 47.0 70.4#

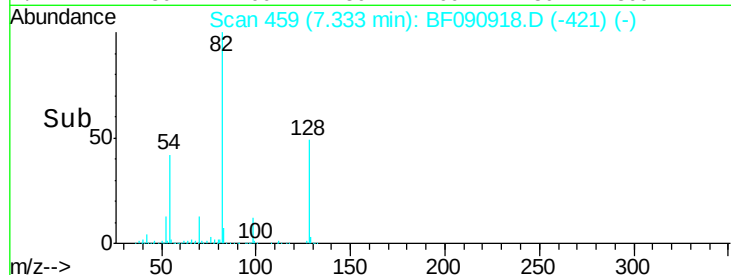
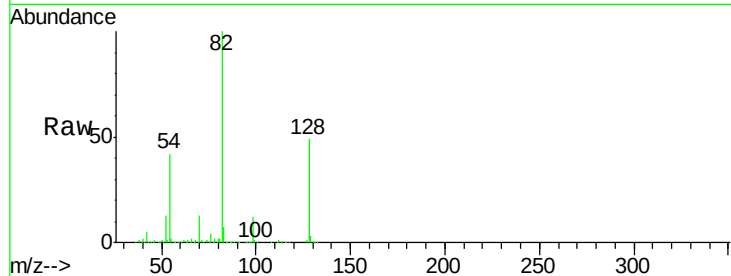
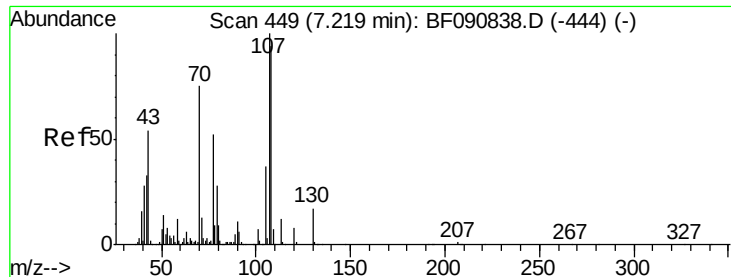


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

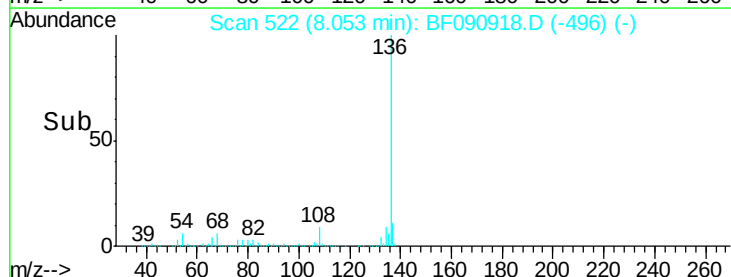
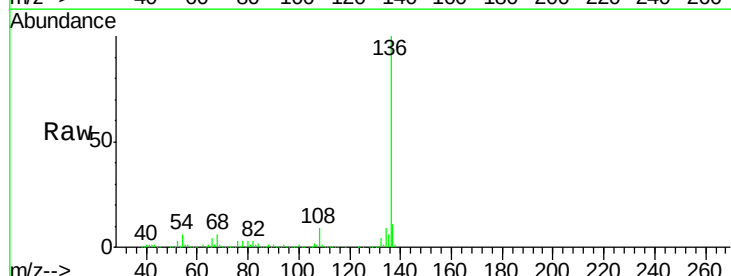
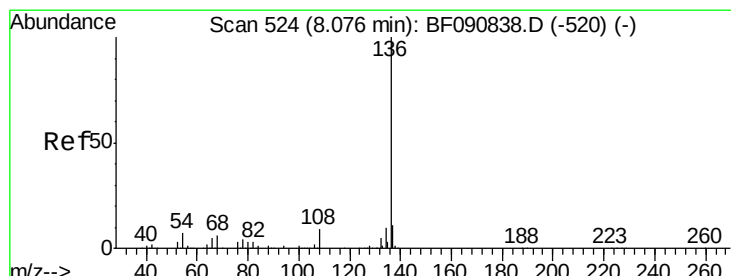
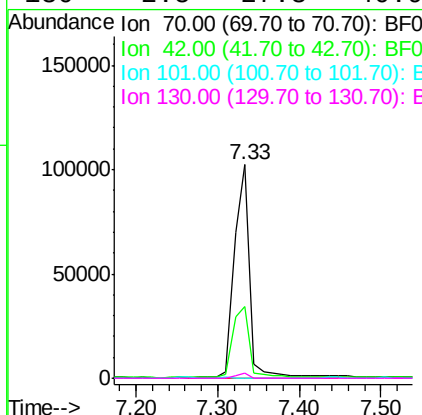




#19
n-Nitroso-di-n-propylamine
Concen: 22.04 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

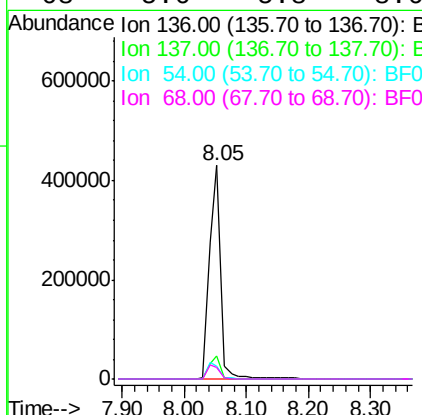
Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

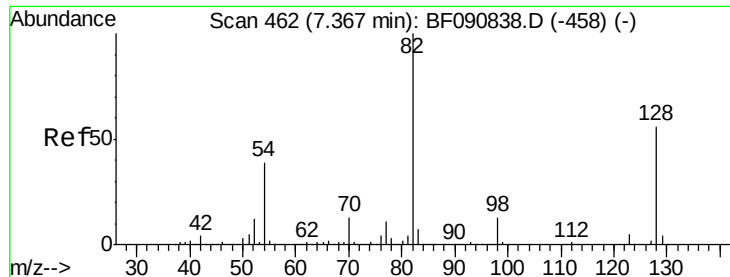
Tgt Ion:	70	Resp:	135982
Ion	Ratio	Lower	Upper
70	100		
42	33.8	63.8	95.6#
101	0.0	9.2	13.8#
130	2.5	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Tgt Ion:	136	Resp:	532928
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.0	8.2	12.2#
68	5.6	5.8	8.6#





#23

Nitrobenzene-d5

Concen: 121.16 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF090918.D

Acq: 28 Oct 2016 19:50

Instrument :

BNA_F

ClientSampleId :

TWP-02-DUP

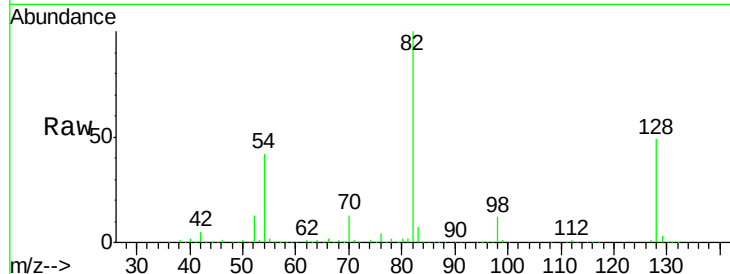
Tgt Ion: 82 Resp: 986333

Ion Ratio Lower Upper

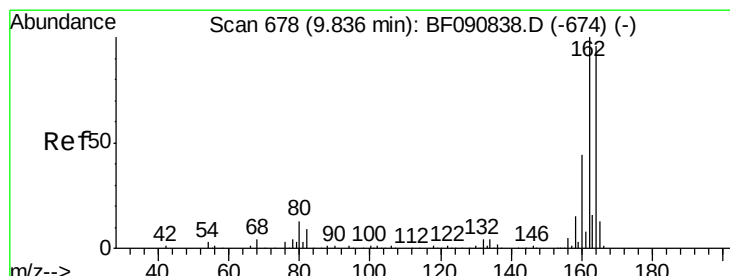
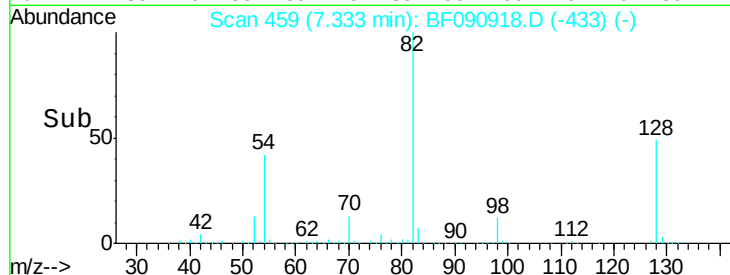
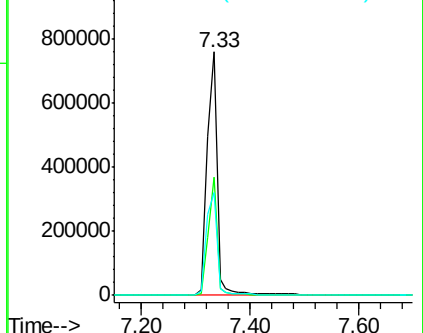
82 100

128 48.8 51.0 76.6#

54 42.4 47.5 71.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF090918.D

Acq: 28 Oct 2016 19:50

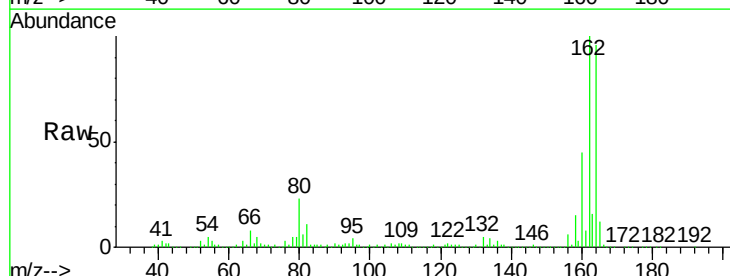
Tgt Ion: 164 Resp: 259816

Ion Ratio Lower Upper

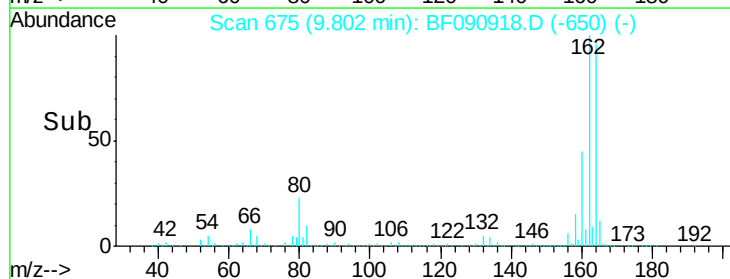
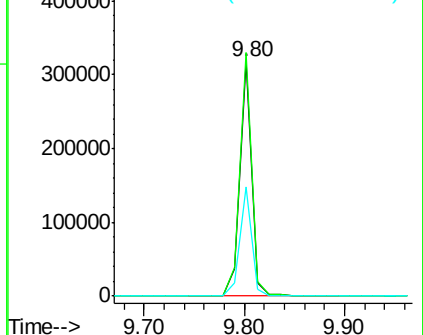
164 100

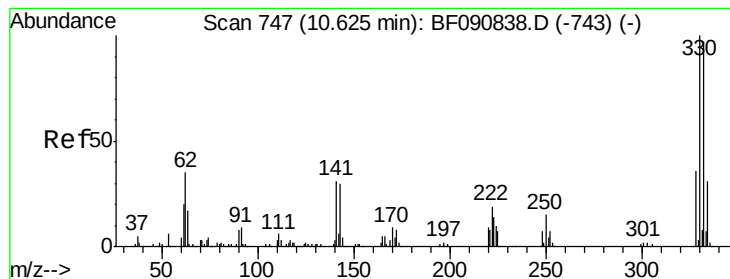
162 103.9 75.2 112.8

160 46.7 31.5 47.3



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

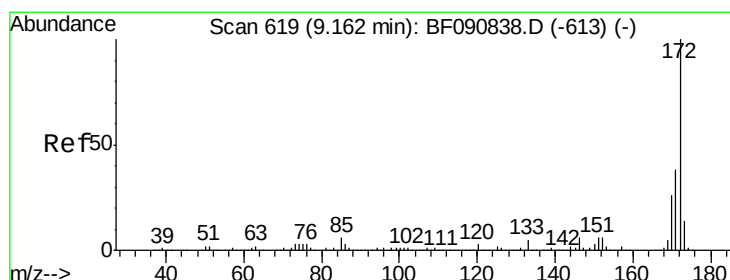
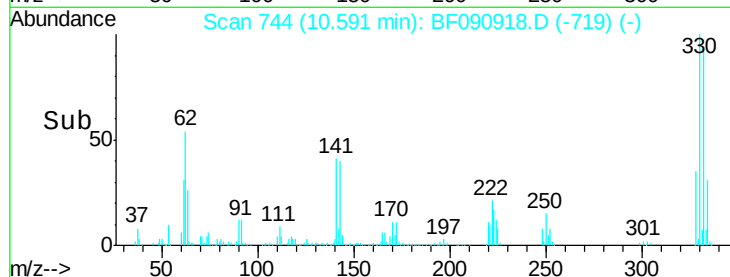
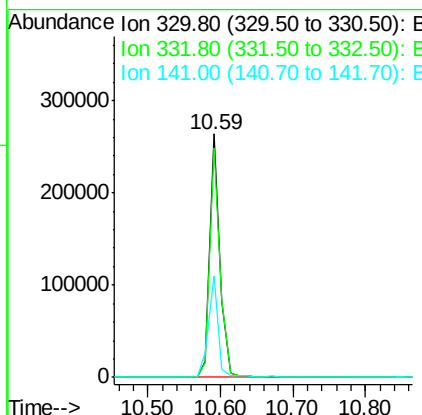
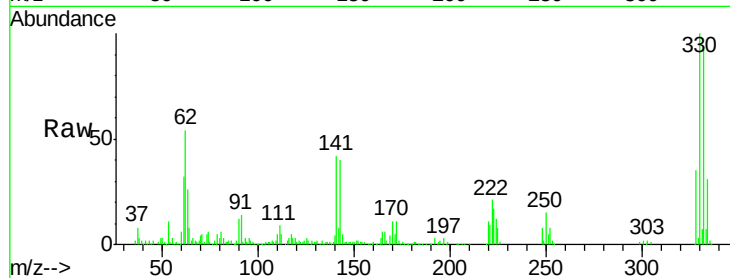




#41
 2,4,6-Tribromophenol
 Concen: 97.08 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090918.D
 Acq: 28 Oct 2016 19:50

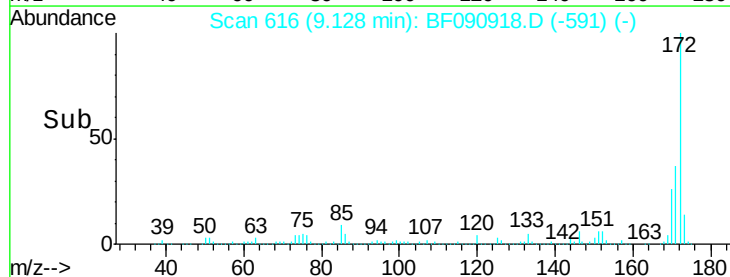
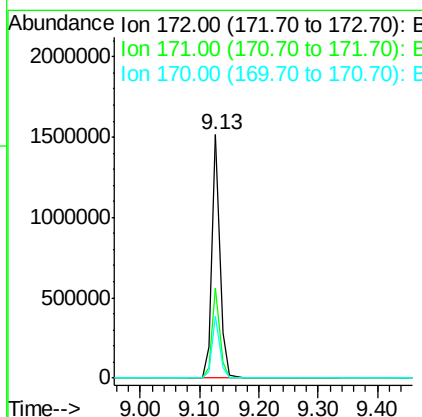
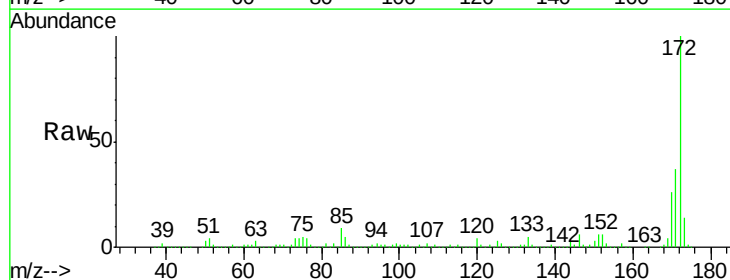
Instrument :
 BNA_F
 ClientSampleId :
 TWP-02-DUP

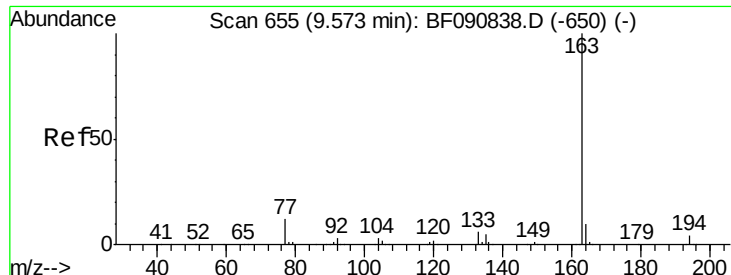
Tgt Ion:330 Resp: 259214
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 39.1 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 94.93 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090918.D
 Acq: 28 Oct 2016 19:50

Tgt Ion:172 Resp: 1404609
 Ion Ratio Lower Upper
 172 100
 171 36.9 26.1 39.1
 170 25.5 17.4 26.2

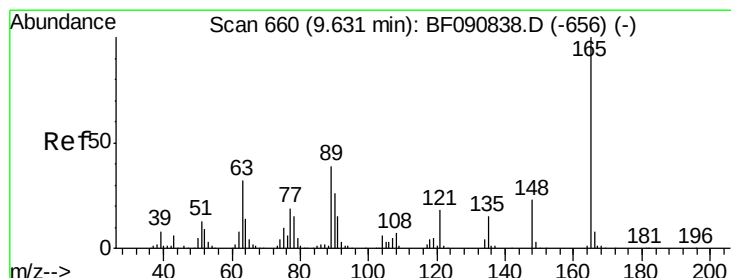
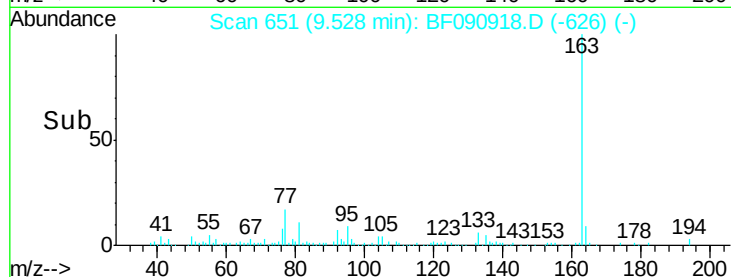
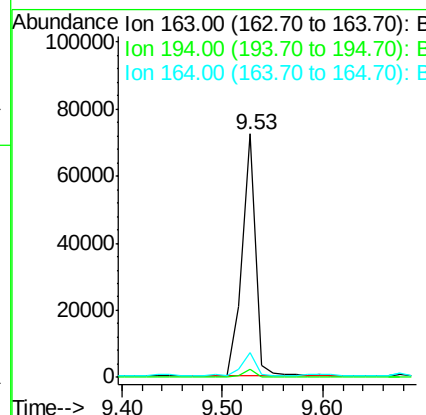
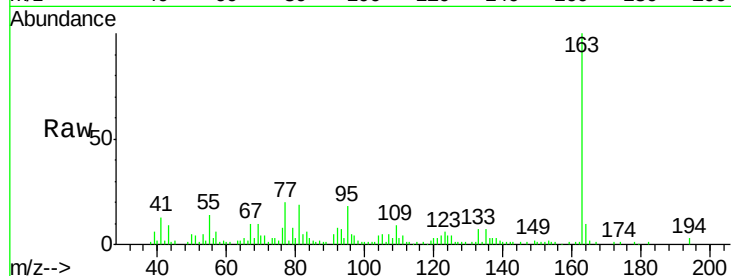




#49
Dimethylphthalate
Concen: 3.95 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

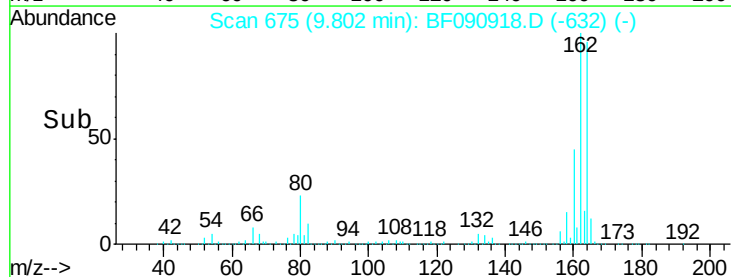
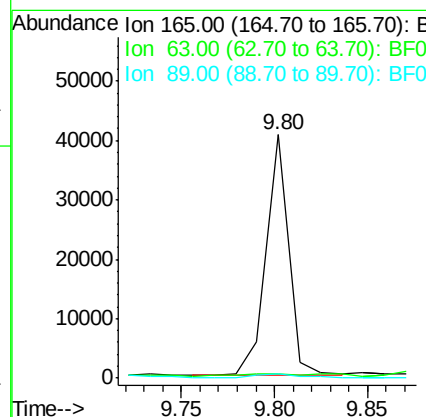
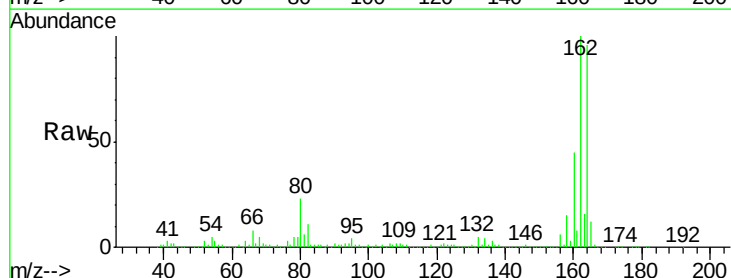
Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

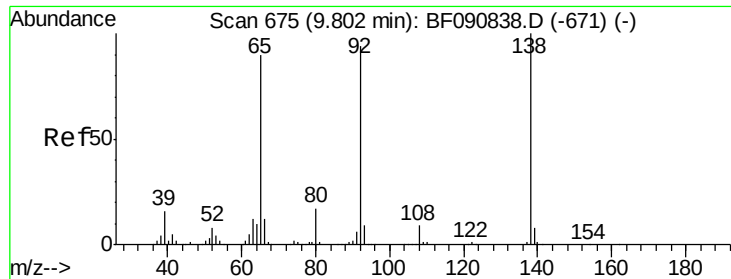
Tgt Ion:163 Resp: 68602
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 10.0 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 8.80 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.19 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Tgt Ion:165 Resp: 33734
Ion Ratio Lower Upper
165 100
63 1.8 32.3 48.5#
89 1.5 28.6 43.0#





#52

3-Nitroaniline

Concen: 2.56 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF090918.D

Acq: 28 Oct 2016 19:50

Instrument :

BNA_F

ClientSampleId :

TWP-02-DUP

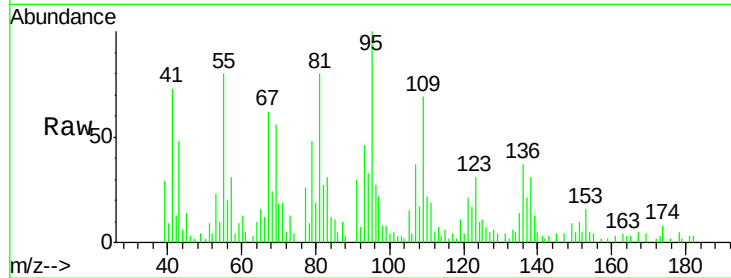
Tgt Ion:138 Resp: 10453

Ion Ratio Lower Upper

138 100

108 54.8 5.7 8.5#

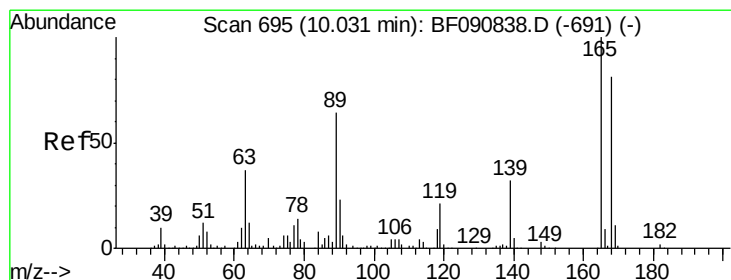
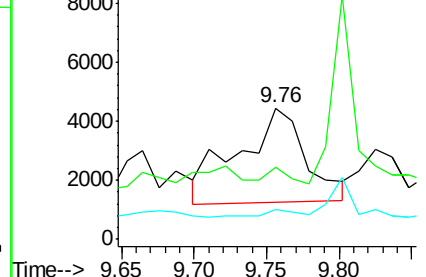
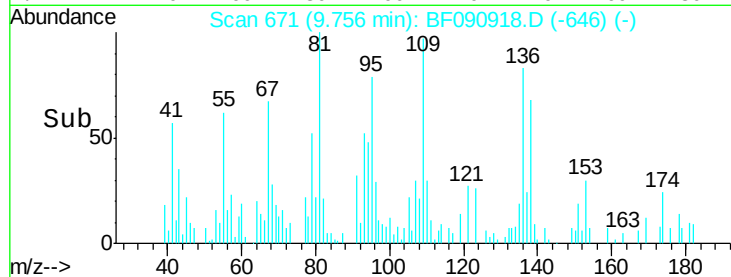
92 22.4 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#56

2,4-Dinitrotoluene

Concen: 7.21 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF090918.D

Acq: 28 Oct 2016 19:50

Tgt Ion:165 Resp: 34342

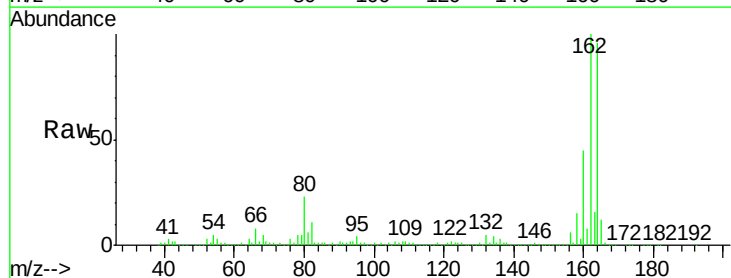
Ion Ratio Lower Upper

165 100

63 1.8 29.8 44.6#

89 1.5 44.5 66.7#

182 1.1 3.0 4.4#

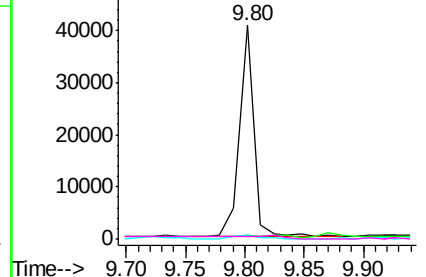
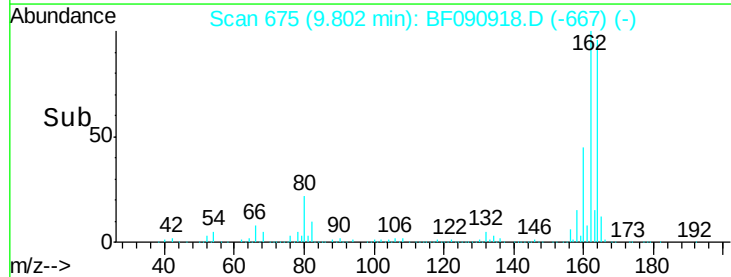


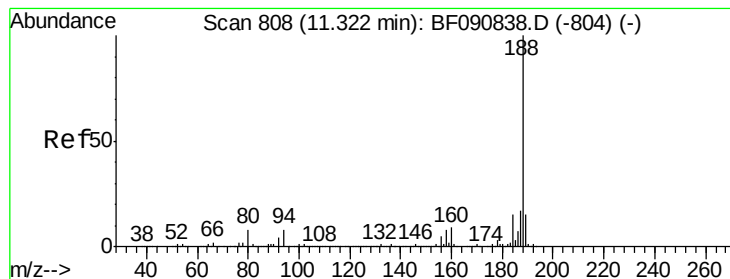
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF090918.D

Acq: 28 Oct 2016 19:50

Instrument :

BNA_F

ClientSampleId :

TWP-02-DUP

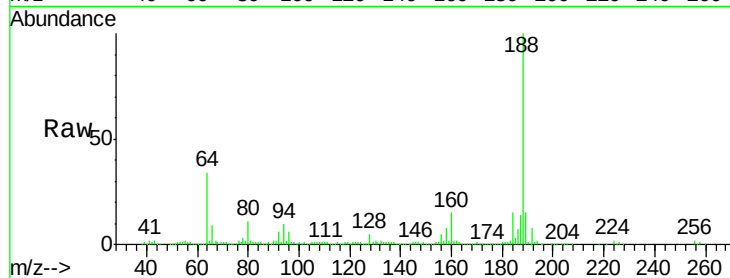
Tgt Ion:188 Resp: 327049

Ion Ratio Lower Upper

188 100

94 10.5 11.1 16.7#

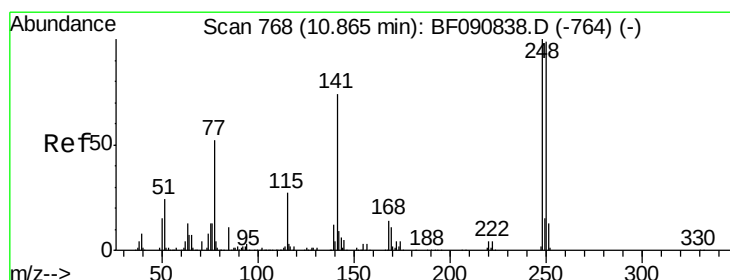
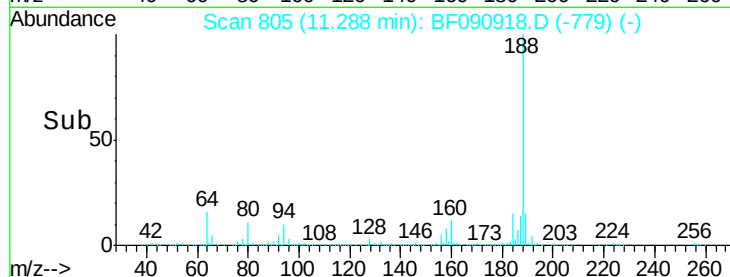
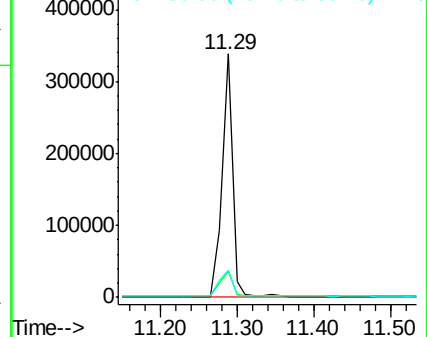
80 11.1 11.0 16.4



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: 4.98 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF090918.D

Acq: 28 Oct 2016 19:50

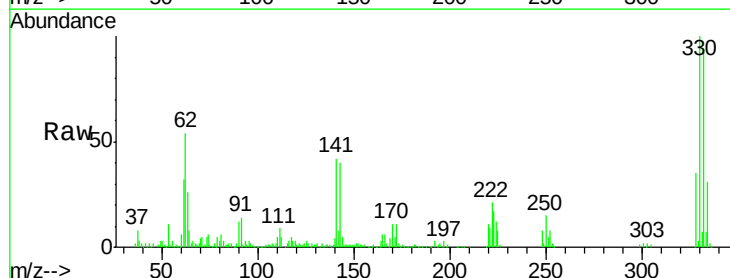
Tgt Ion:248 Resp: 17846

Ion Ratio Lower Upper

248 100

250 197.3 78.5 117.7#

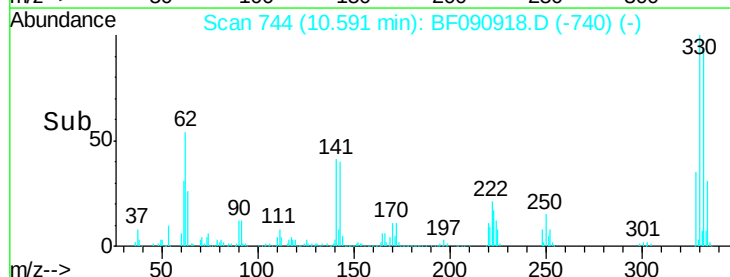
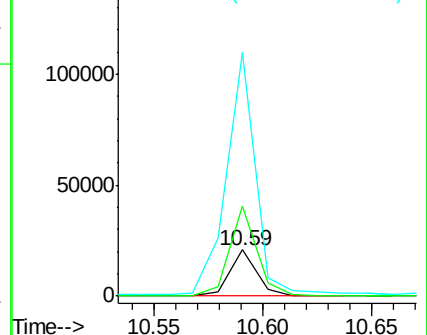
141 530.7 59.0 88.6#

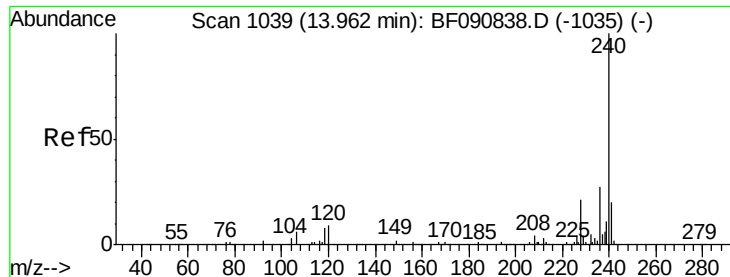


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF090918.D

Acq: 28 Oct 2016 19:50

Instrument :

BNA_F

ClientSampleId :

TWP-02-DUP

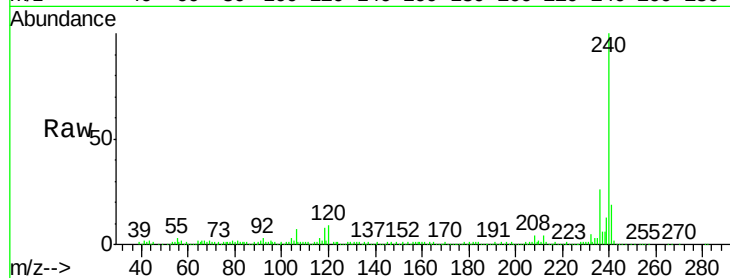
Tgt Ion:240 Resp: 257059

Ion Ratio Lower Upper

240 100

120 9.2 16.2 24.2#

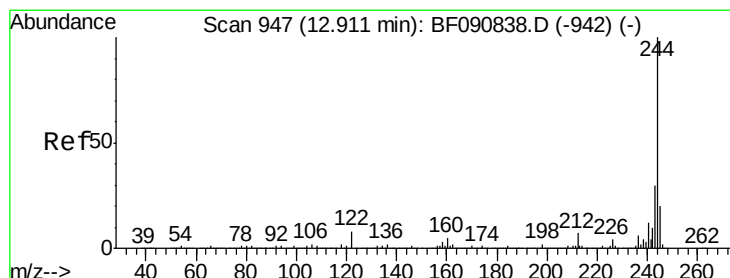
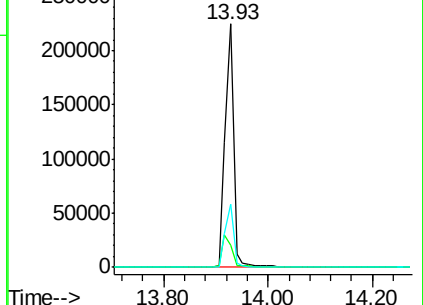
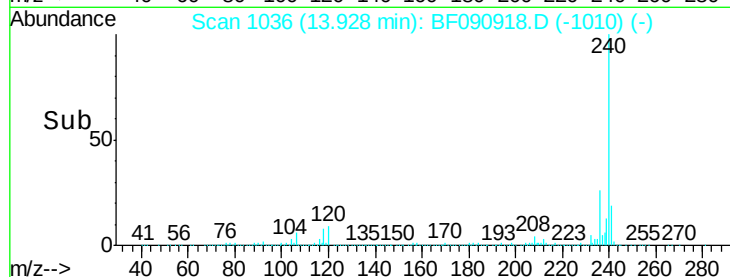
236 25.9 18.4 27.6



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: 93.78 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF090918.D

Acq: 28 Oct 2016 19:50

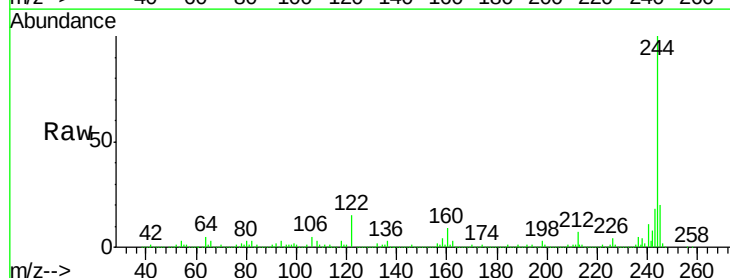
Tgt Ion:244 Resp: 956879

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

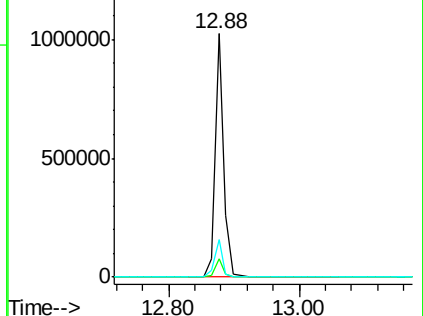
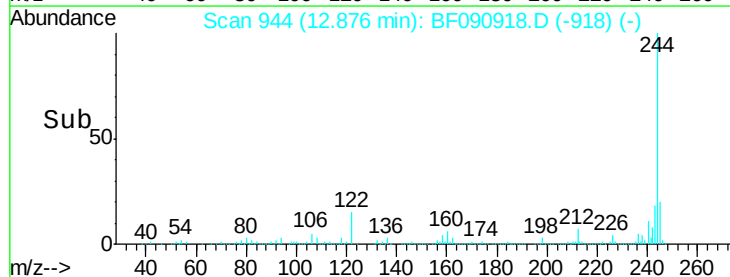
122 15.4 17.4 26.2#

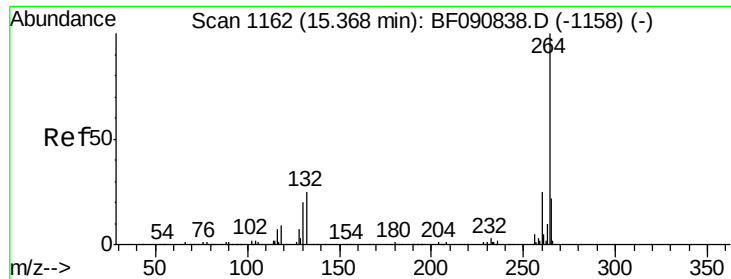


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

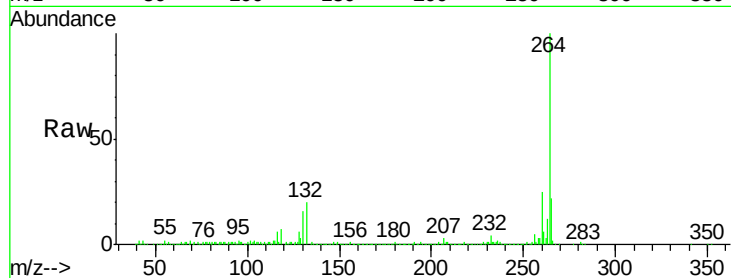




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion: 264 Resp: 293986
Ion Ratio Lower Upper
264 100
260 24.6 16.7 25.1
265 22.2 17.2 25.8



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

