

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 23:12:40 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

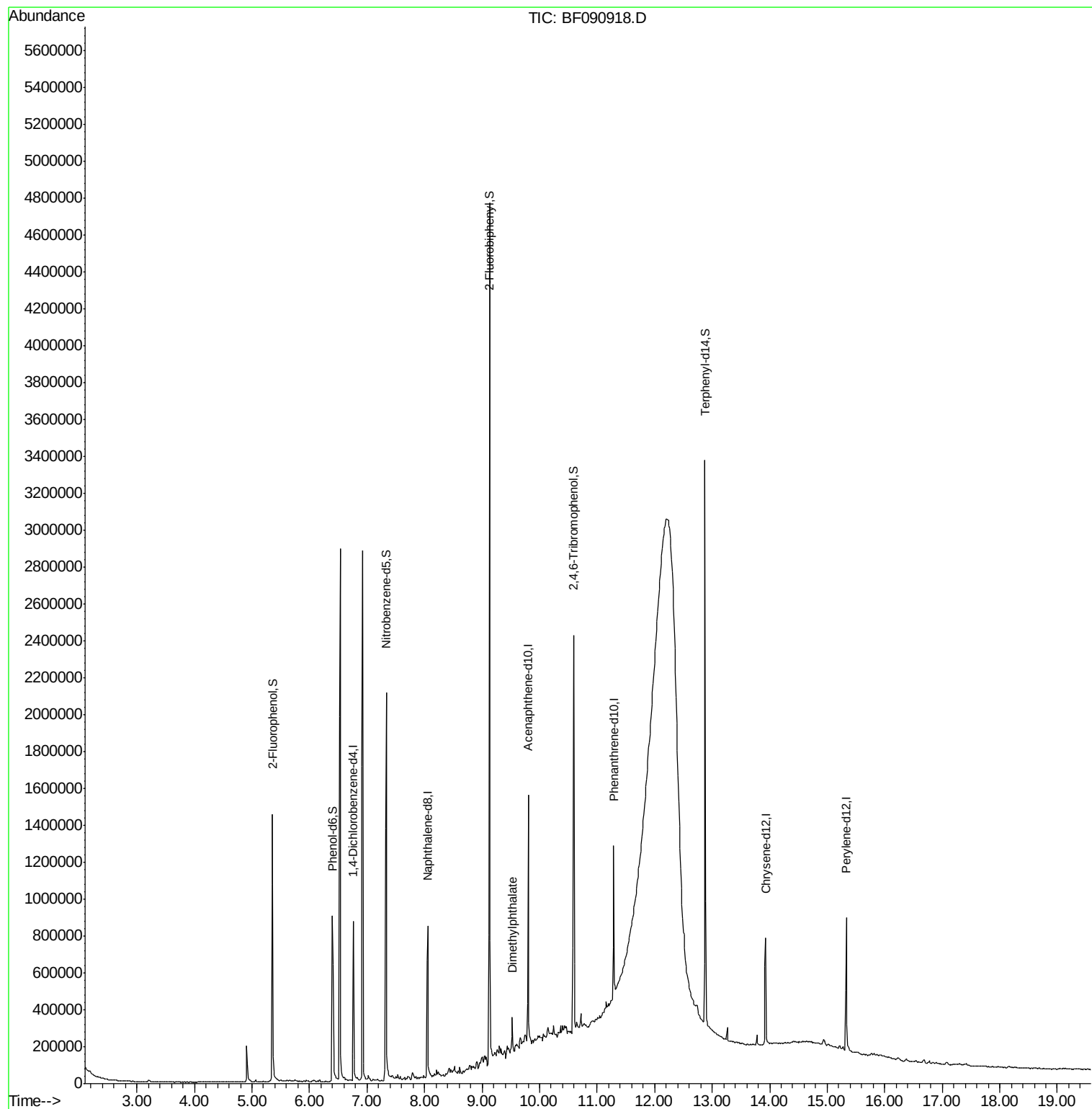
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	138291	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	532928	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	259816	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	327049	20.00	ng	0.00
75) Chrysene-d12	13.93	240	257059	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						
49) Dimethylphthalate	9.53	163	68602	3.95	ng	Qvalue # 97

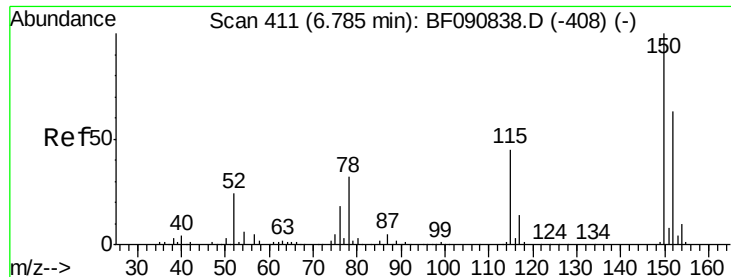
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

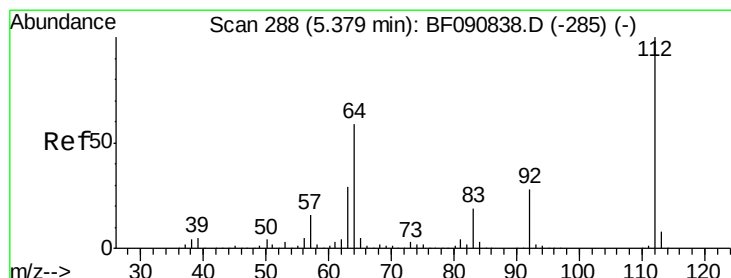
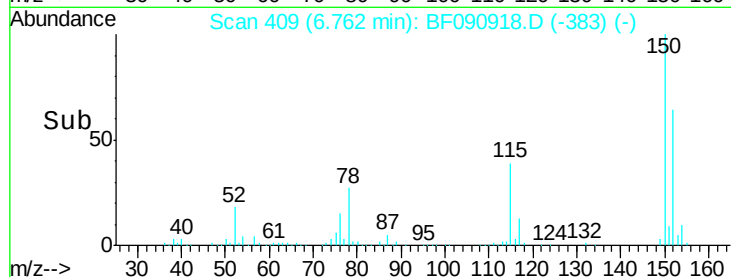
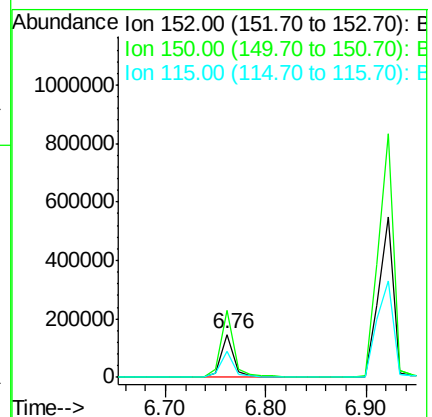
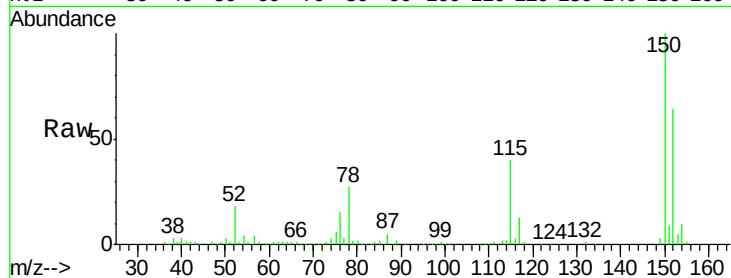
Tgt Ion:152 Resp: 138291

Ion Ratio Lower Upper

152 100

150 155.5 124.7 187.1

115 61.5 39.0 58.4#



#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

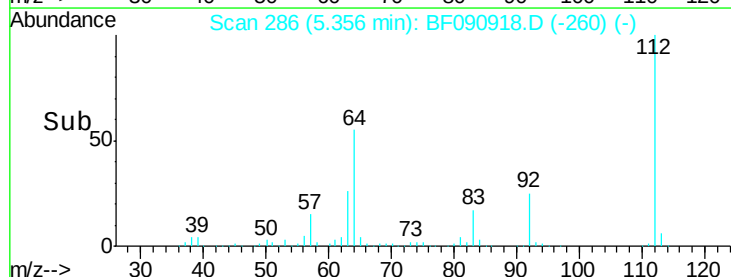
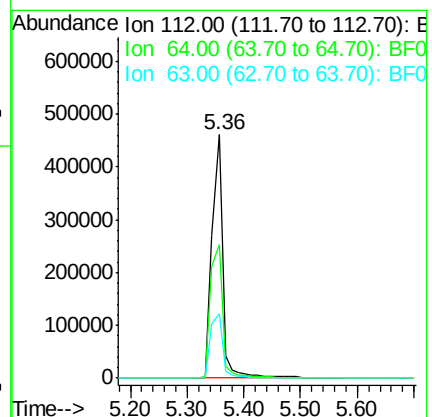
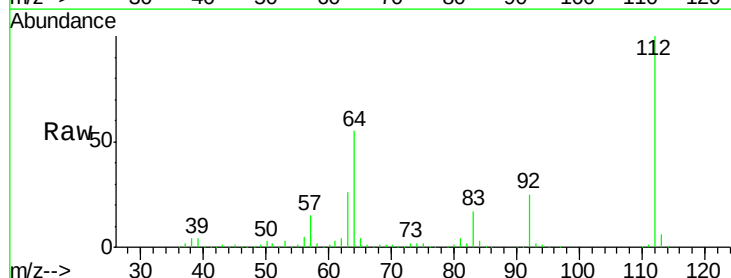
Tgt Ion:112 Resp: 580094

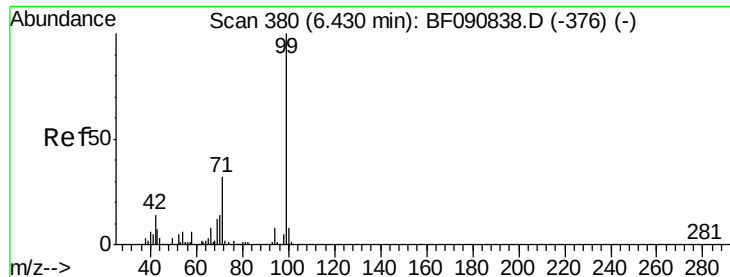
Ion Ratio Lower Upper

112 100

64 54.8 39.7 59.5

63 26.4 17.4 26.0#





#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

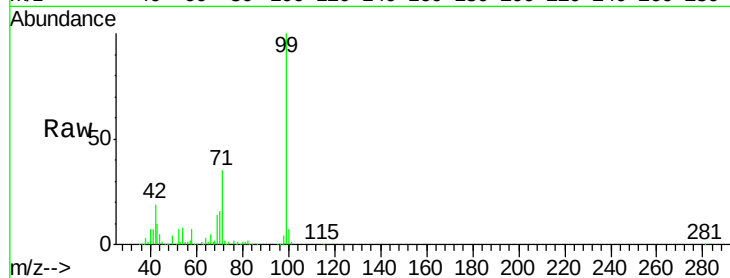
Tgt Ion: 99 Resp: 471389

Ion Ratio Lower Upper

99 100

42 19.0 13.7 20.5

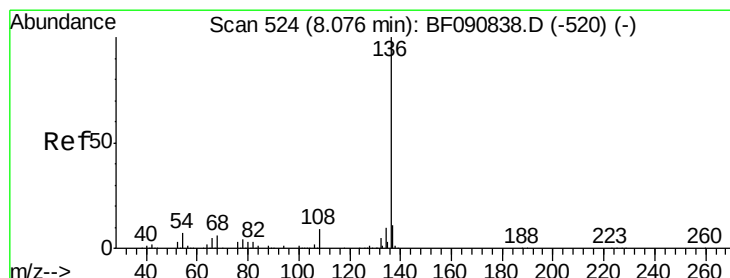
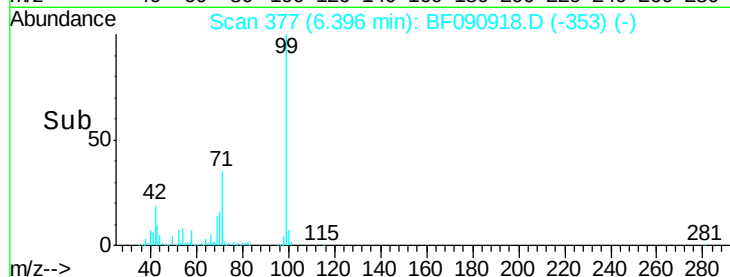
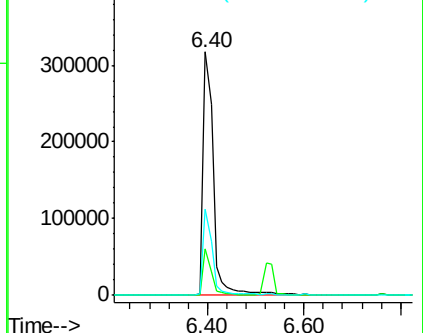
71 35.5 14.2 21.2#



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



#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

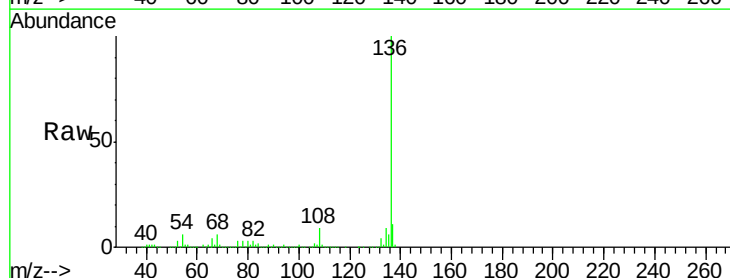
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.0 8.2 12.2#

68 5.6 5.8 8.6#

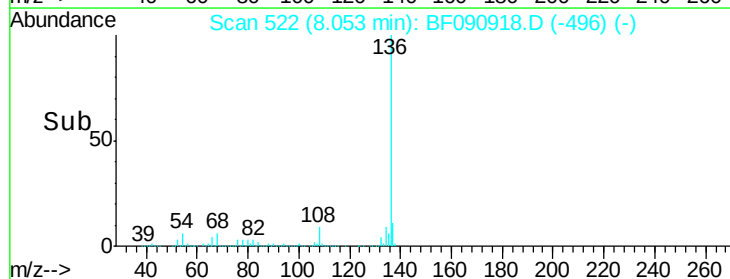
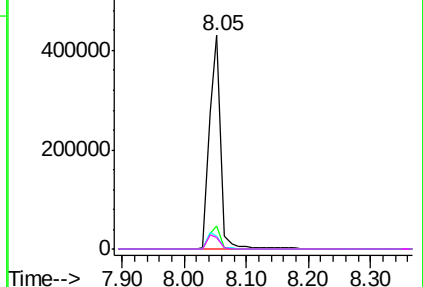


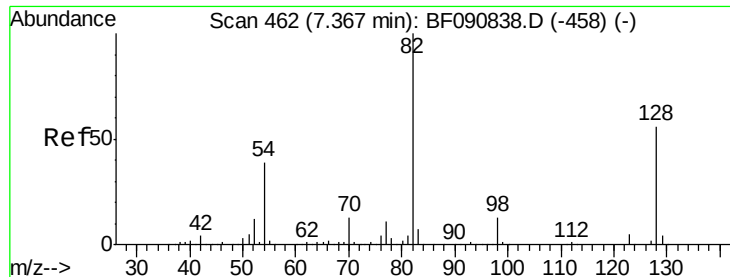
Abundance Ion 136.00 (135.70 to 136.70): E

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

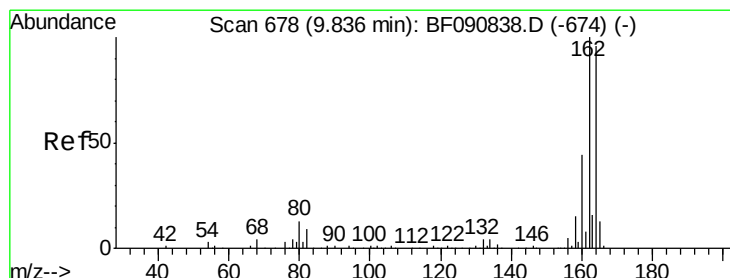
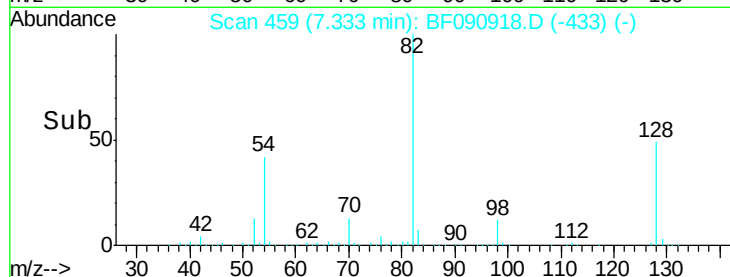
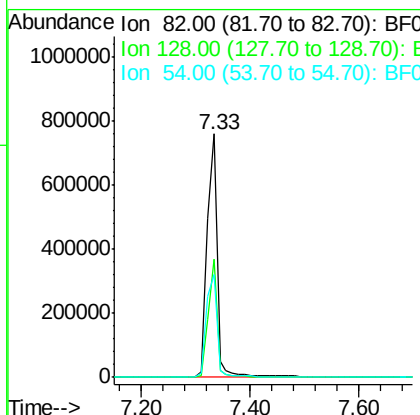
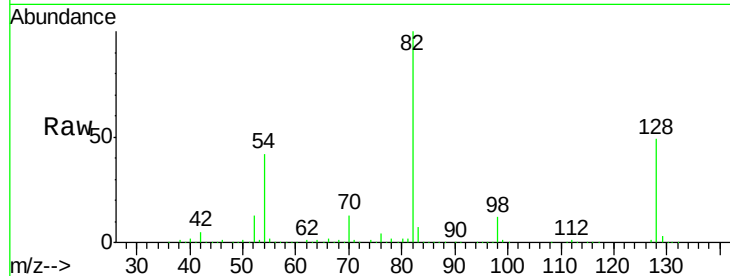




#23
 Nitrobenzene-d5
 Concen: 121.16 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF090918.D
 Acq: 28 Oct 2016 19:50

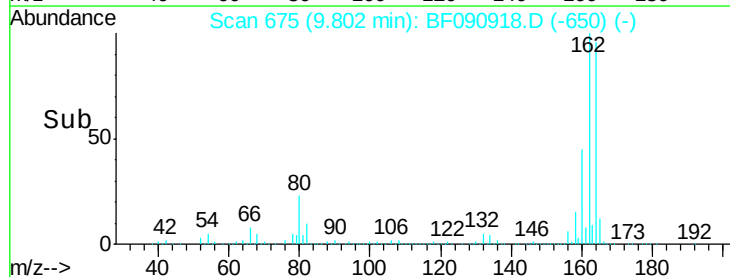
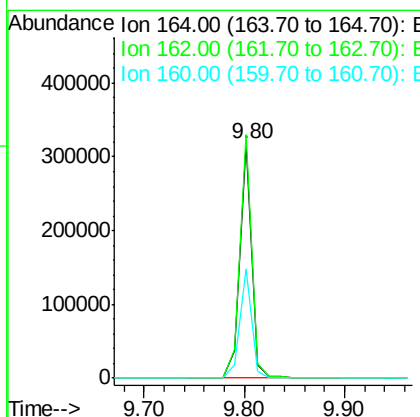
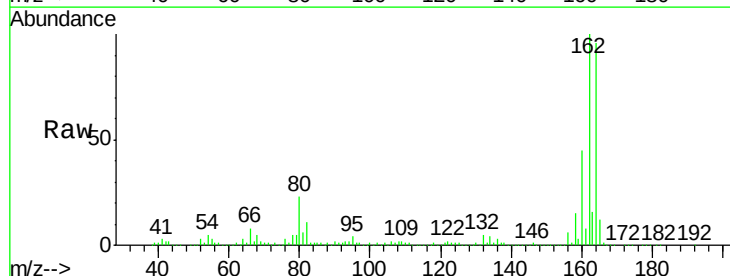
Instrument :
 BNA_F
 ClientSampleId :
 TWP-02-DUP

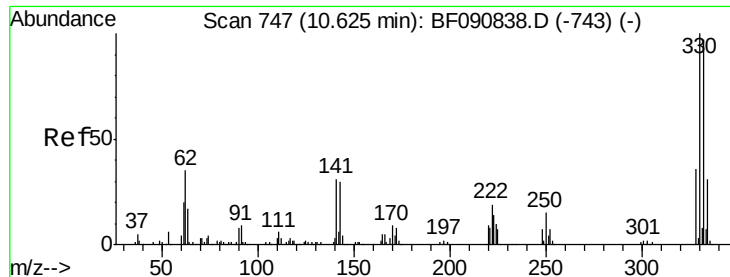
Tgt Ion: 82 Resp: 986333
 Ion Ratio Lower Upper
 82 100
 128 48.8 51.0 76.6#
 54 42.4 47.5 71.3#



#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

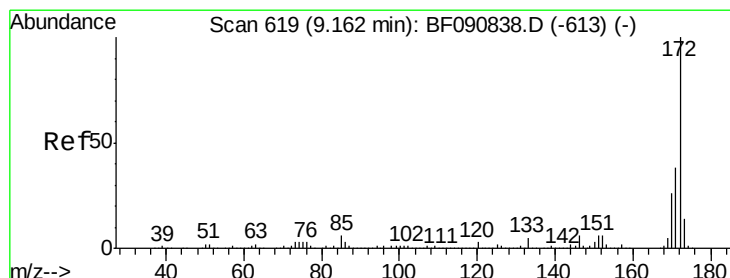
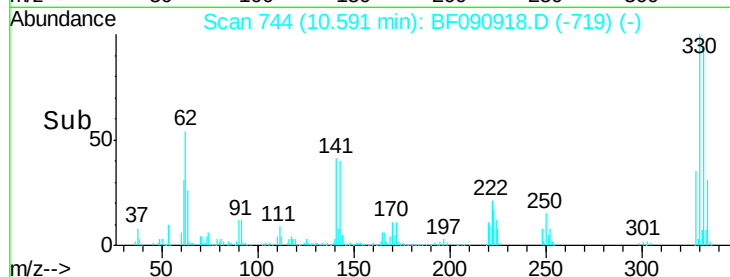
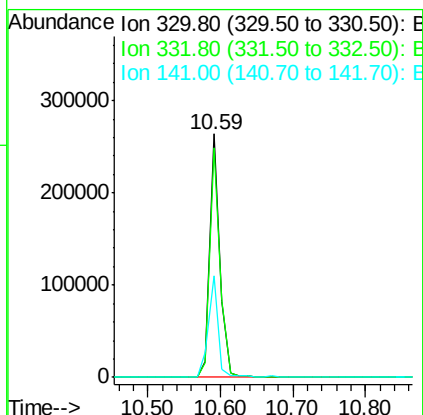
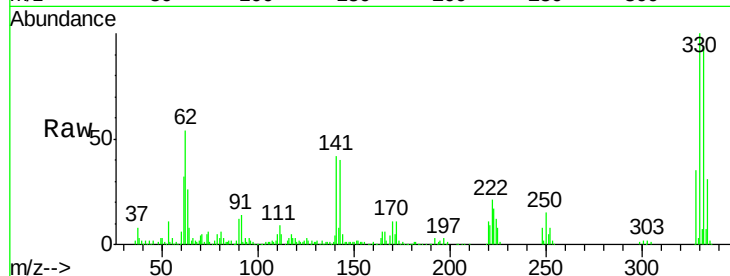




#41
 2,4,6-Tribromophenol
 Concen: 97.08 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090918.D
 Acq: 28 Oct 2016 19:50

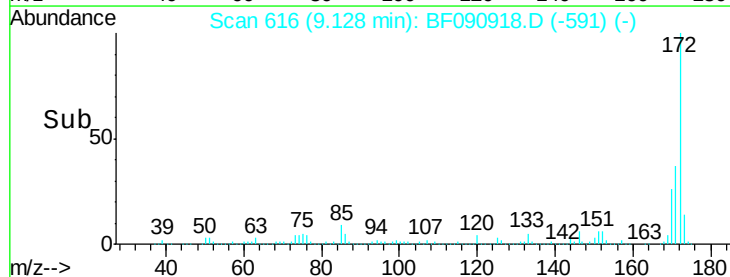
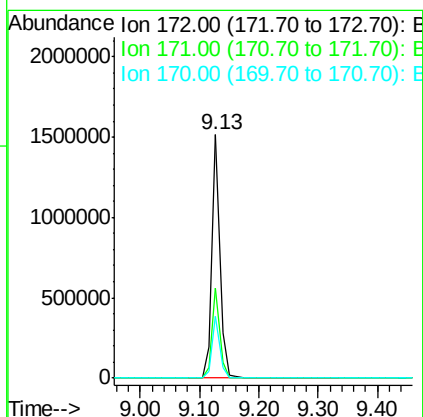
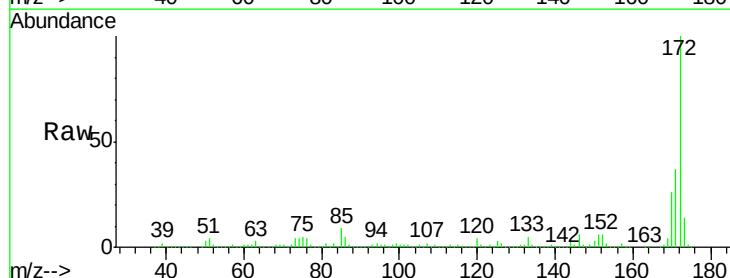
Instrument :
 BNA_F
 ClientSampleId :
 TWP-02-DUP

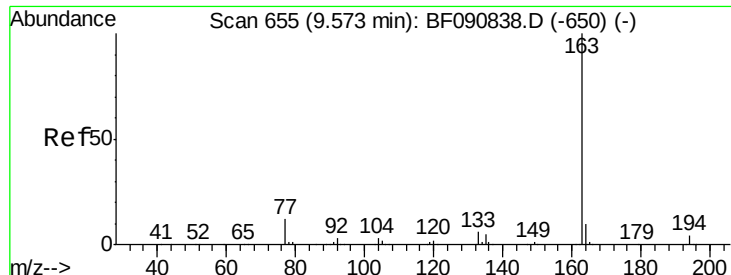
Tgt Ion:330 Resp: 259214
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 39.1 29.7 44.5



#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

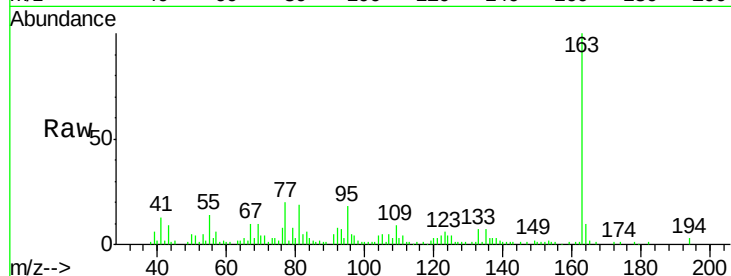




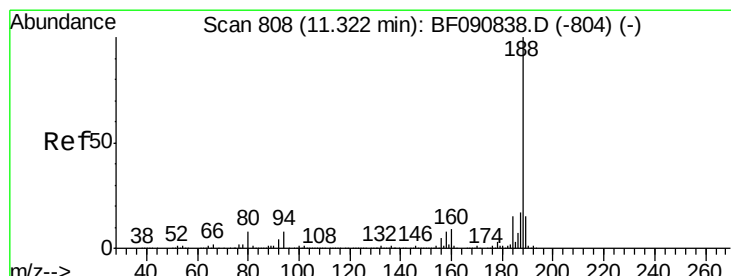
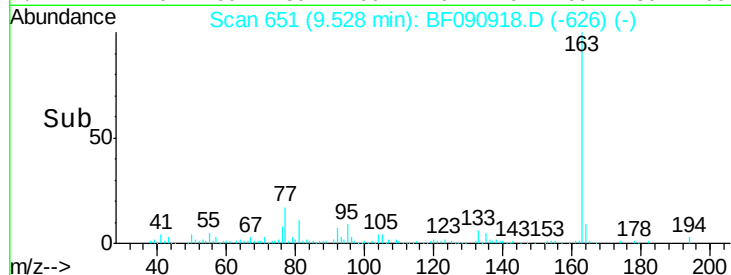
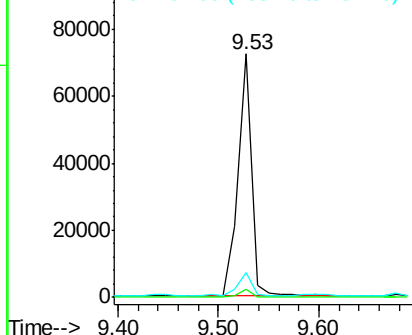
#49
Dimethylphthalate
Concen: 3.95 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

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

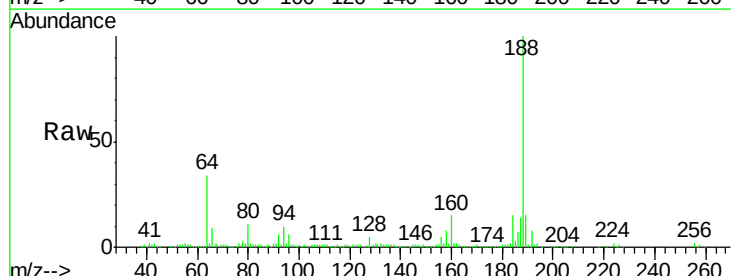


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

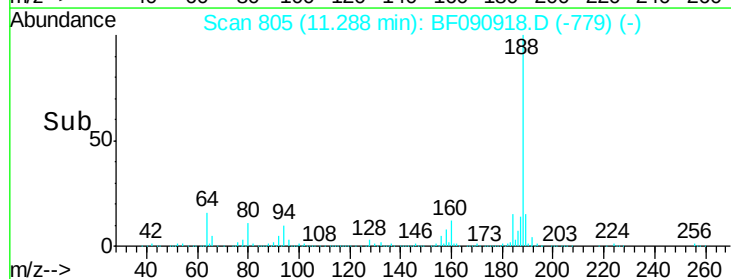
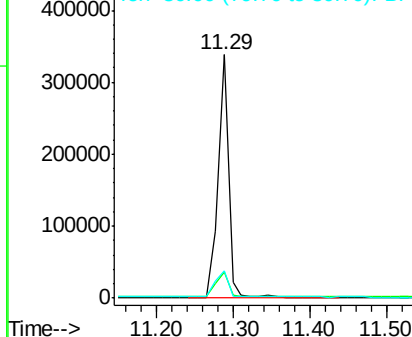


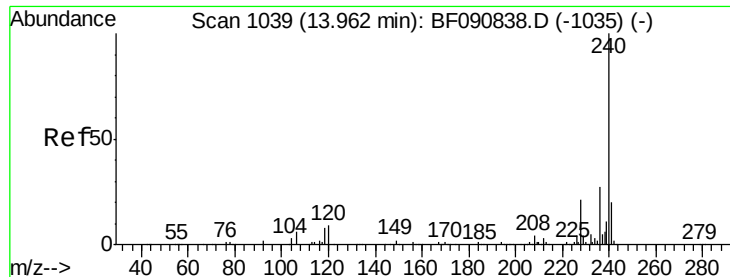
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

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





#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

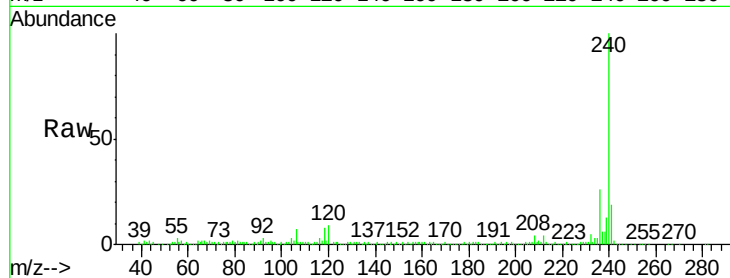
Tgt Ion:240 Resp: 257059

Ion Ratio Lower Upper

240 100

120 9.2 16.2 24.2#

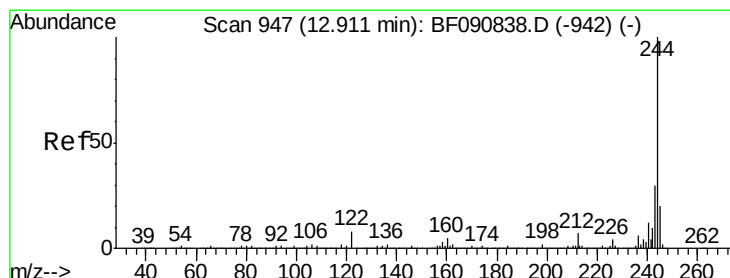
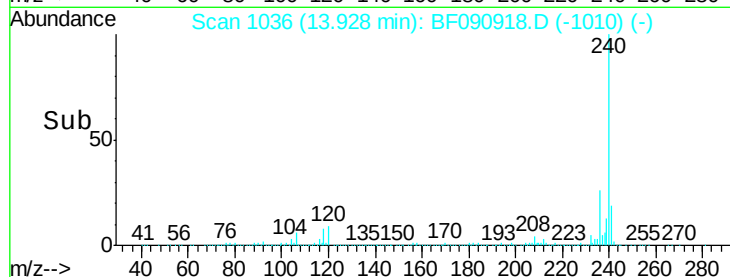
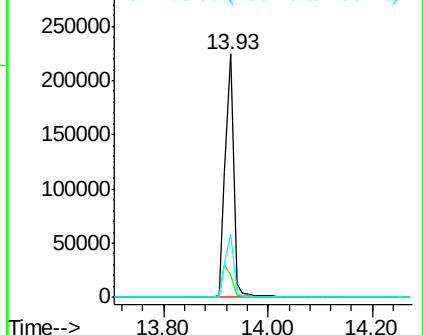
236 25.9 18.4 27.6



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

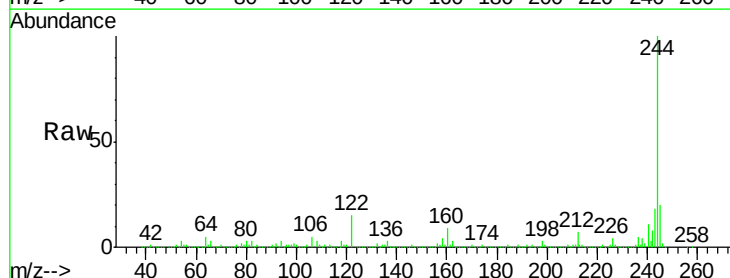
Tgt Ion:244 Resp: 956879

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

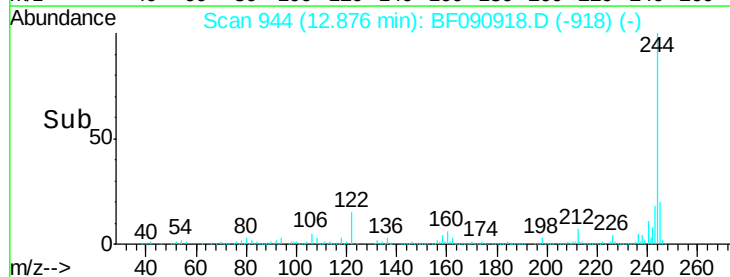
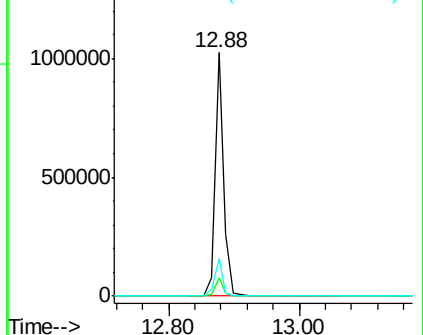
122 15.4 17.4 26.2#

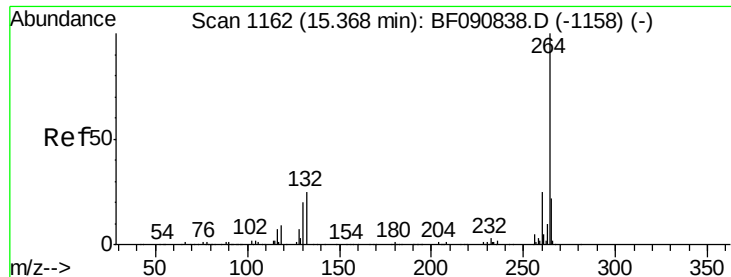


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

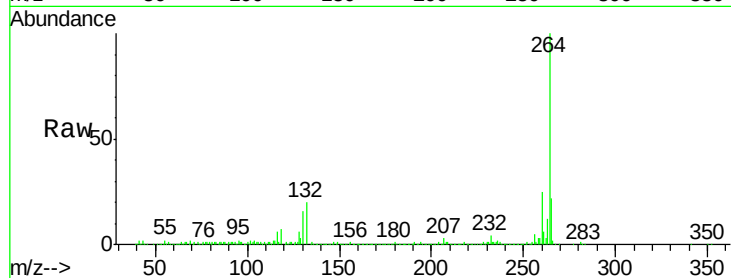




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion	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

