

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076932.D
 Acq On : 19 Jan 2015 16:32
 Operator : IZ / TP
 Sample : G1101-15
 Misc : W
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-17A

Quant Time: Jan 20 00:50:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 19 23:54:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	31790	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	134713	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	70182	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	120845	20.00	ng	0.00
75) Chrysene-d12	21.27	240	118664	20.00	ng	0.00
86) Perylene-d12	22.92	264	105738	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	108047	55.88	ng	0.00
7) Phenol-d6	7.37	99	79137	32.44	ng	0.00
23) Nitrobenzene-d5	9.27	82	206053	84.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	75264	132.11	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	401669	87.10	ng	0.00
78) Terphenyl-d14	20.00	244	372818	72.33	ng	0.00

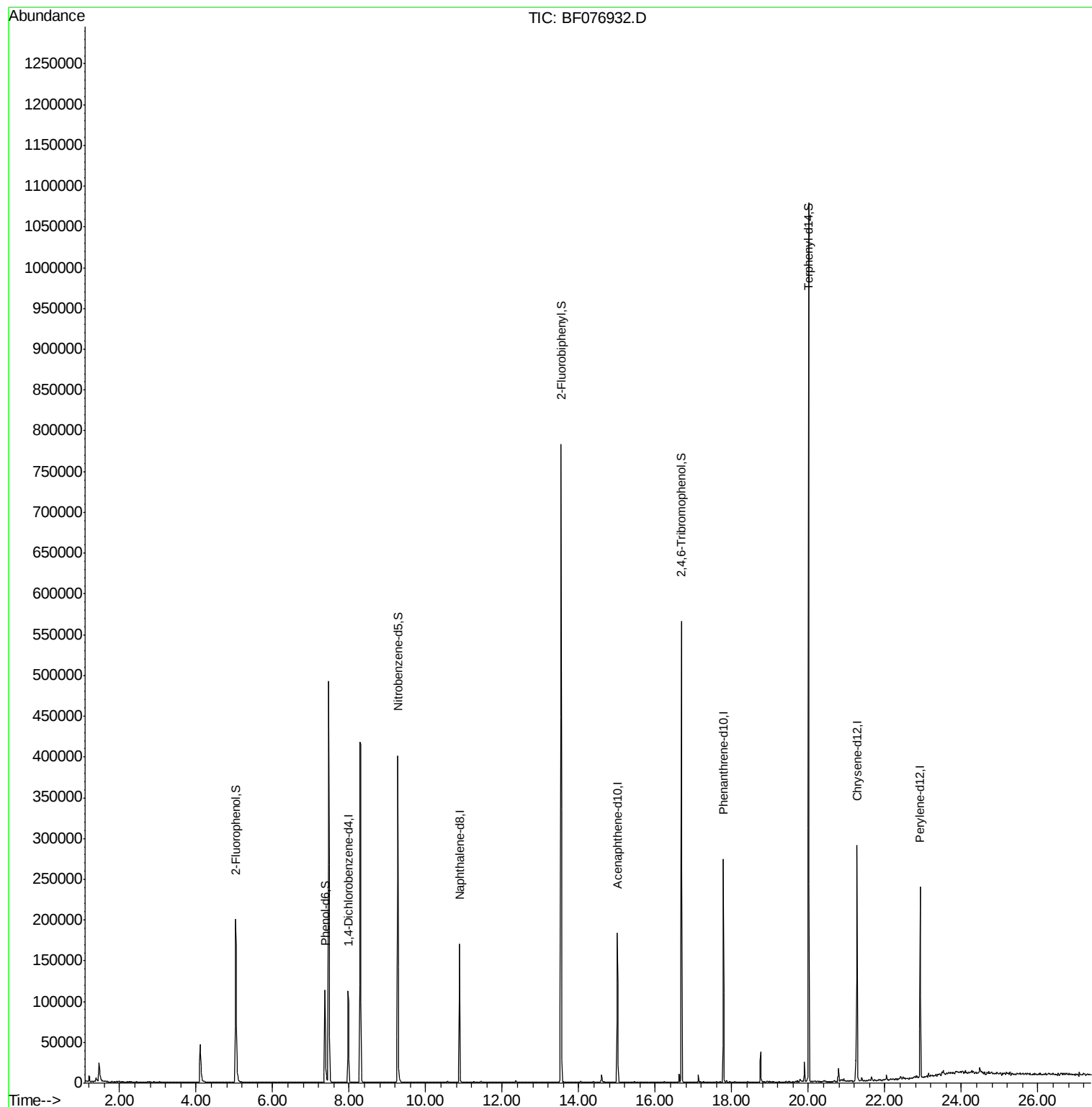
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.97 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF076932.D

Acq: 19 Jan 2015 16:32

Instrument :

BNA_F

ClientSampleId :

TE-MW-2-17A

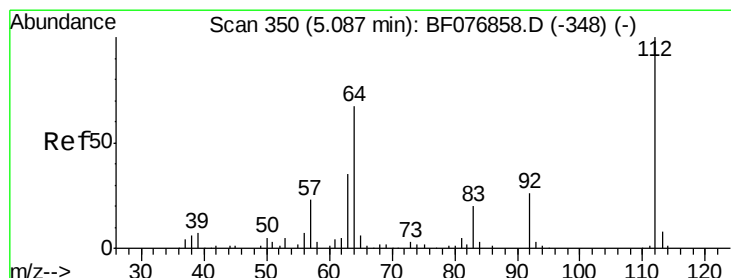
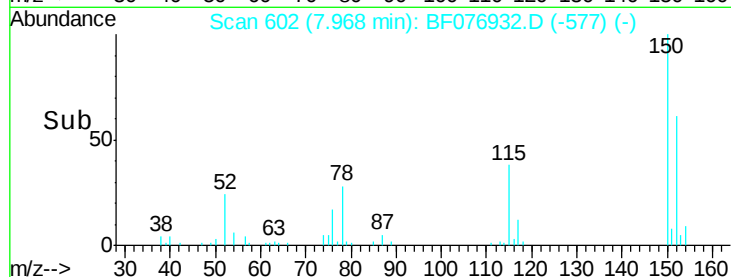
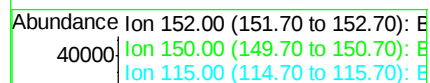
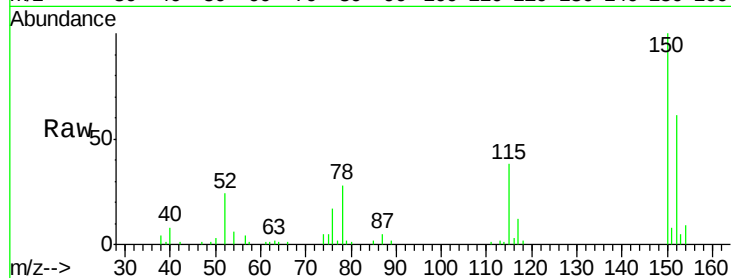
Tot Ion:152 Resp: 31790

Ion Ratio Lower Upper

152 100

150 163.1 121.7 182.5

115 62.2 47.0 70.6



#5

2-Fluorophenol

Concen: 55.88 ng

RT: 5.03 min Scan# 345

Delta R.T. -0.00 min

Lab File: BF076932.D

Acq: 19 Jan 2015 16:32

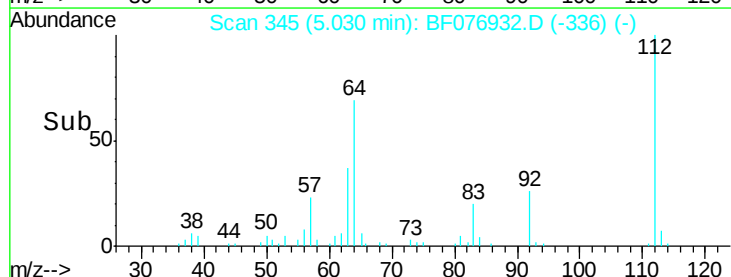
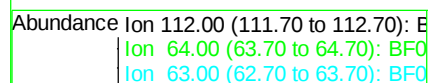
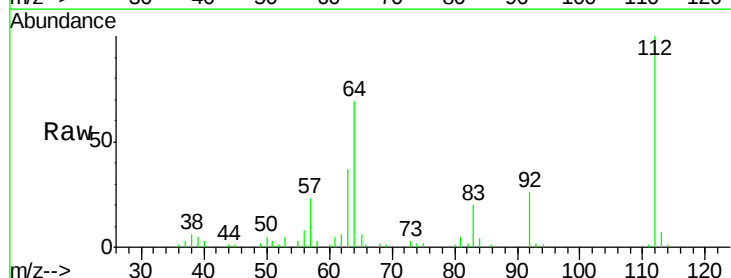
Tgt Ion:112 Resp: 108047

Ion Ratio Lower Upper

112 100

64 68.6 54.2 81.4

63 37.3 28.4 42.6





#7

Phenol-d6

Concen: 32.44 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076932.D

Acq: 19 Jan 2015 16:32

Instrument :

BNA_F

ClientSampleId :

TE-MW-2-17A

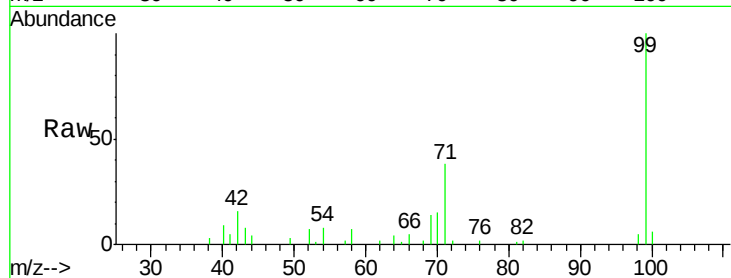
Tot Ion: 99 Resp: 79137

Ion Ratio Lower Upper

99 100

42 15.5 15.0 22.4

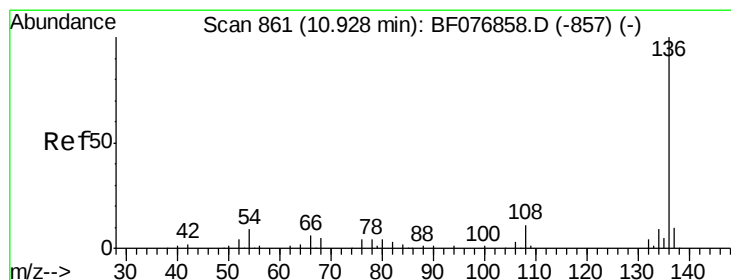
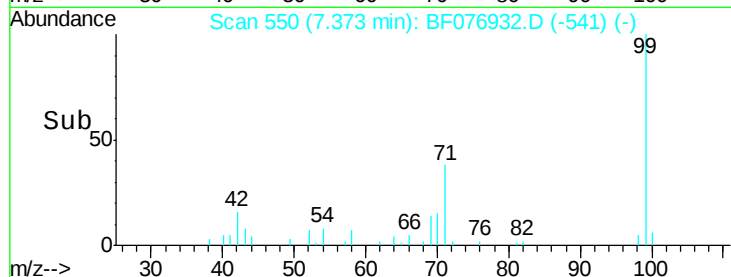
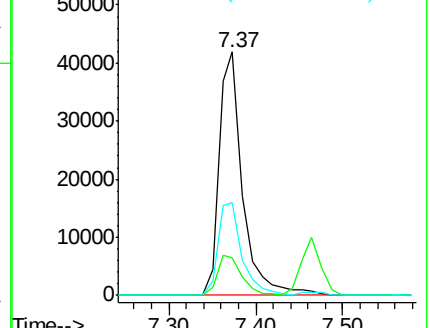
71 38.1 30.5 45.7



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: 10.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF076932.D

Acq: 19 Jan 2015 16:32

Tgt Ion: 136 Resp: 134713

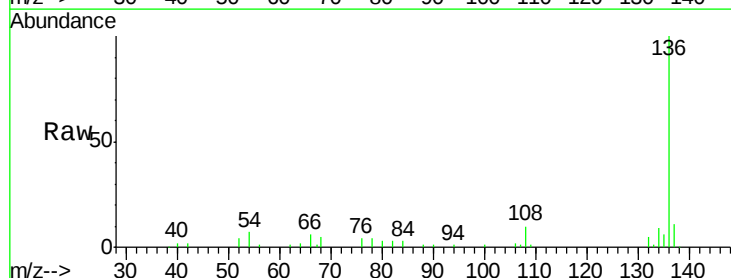
Ion Ratio Lower Upper

136 100

137 10.7 8.1 12.1

54 7.0 7.0 10.4

68 4.9 3.7 5.5

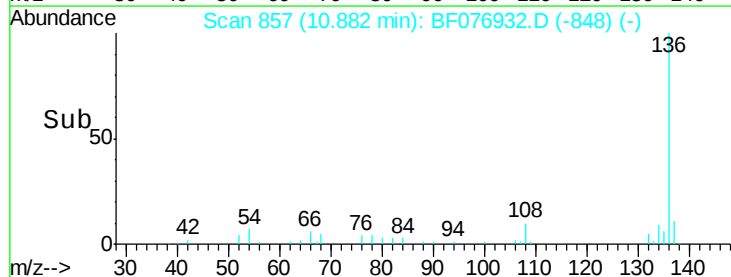
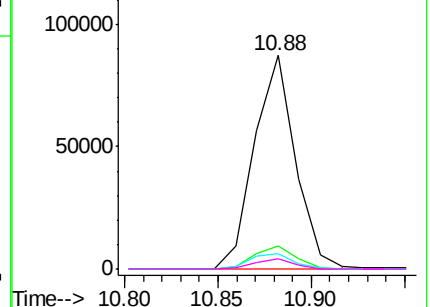


Abundance Ion 136.00 (135.70 to 136.70): E

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

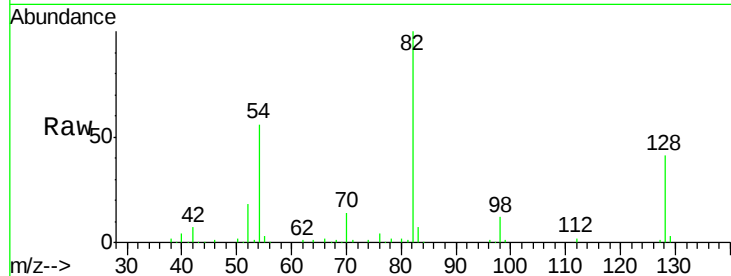




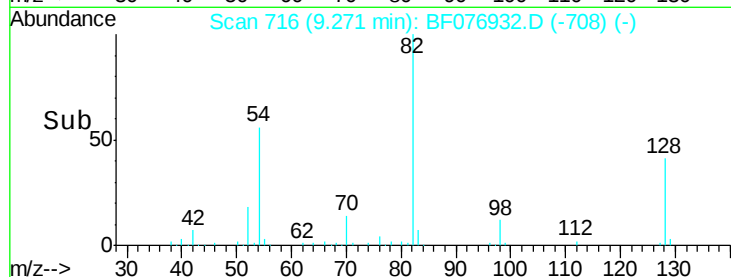
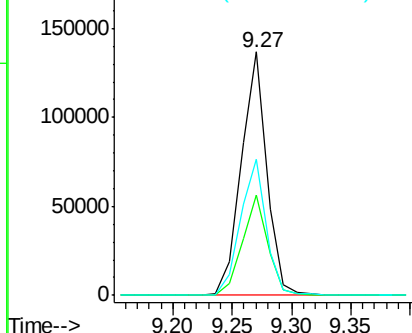
#23
 Nitrobenzene-d5
 Concen: 84.74 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF076932.D
 Acq: 19 Jan 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-17A

Tot Ion	82	Resp	206053
Ion Ratio	100	Lower	Upper
128	41.3	33.1	49.7
54	55.8	48.3	72.5

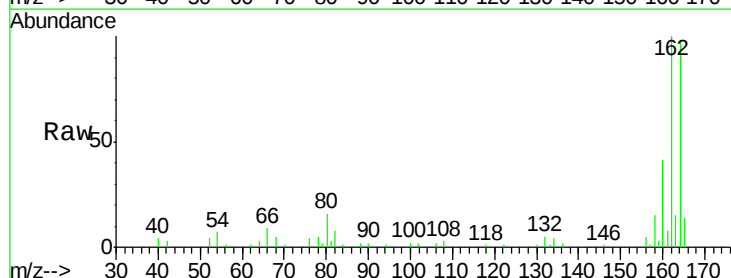


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

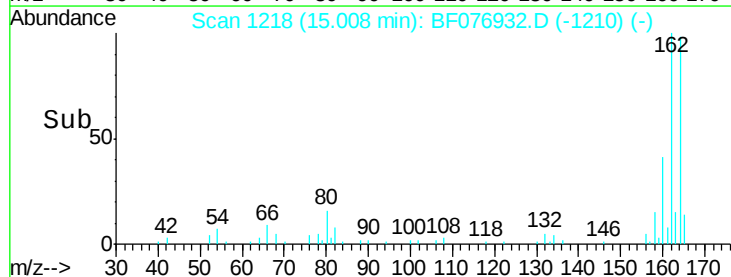
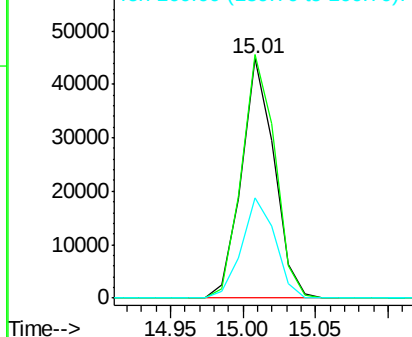


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF076932.D
 Acq: 19 Jan 2015 16:32

Tgt Ion	164	Resp	70182
Ion Ratio	100	Lower	Upper
162	101.8	82.4	123.6
160	42.1	34.8	52.2



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





#41

2,4,6-Tribromophenol

Concen: 132.11 ng

RT: 16.68 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF076932.D

Acq: 19 Jan 2015 16:32

Instrument :

BNA_F

ClientSampleId :

TE-MW-2-17A

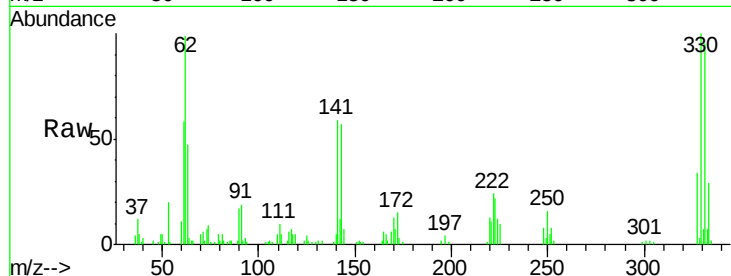
Tot Ion:330 Resp: 75264

Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.6

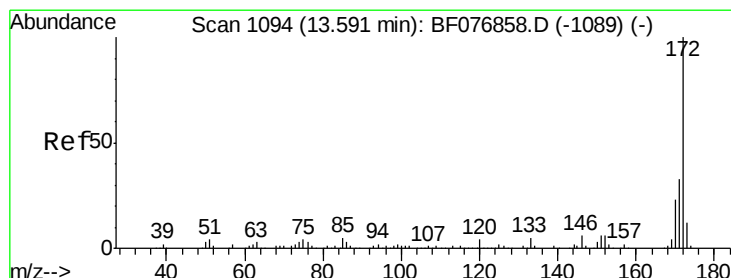
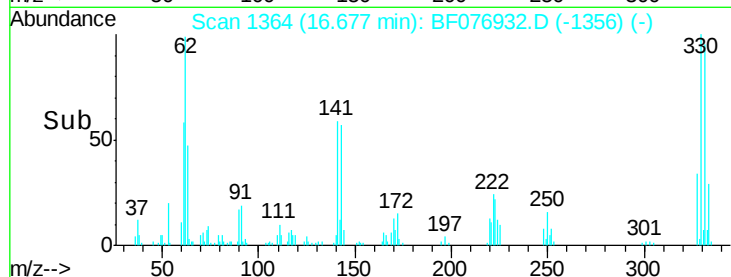
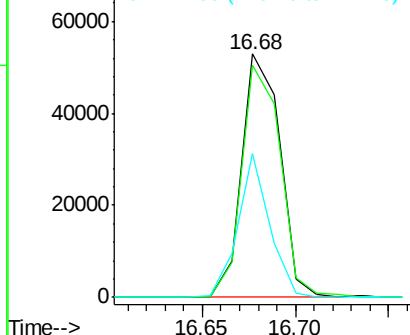
141 49.0 38.5 57.7



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: 87.10 ng

RT: 13.53 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BF076932.D

Acq: 19 Jan 2015 16:32

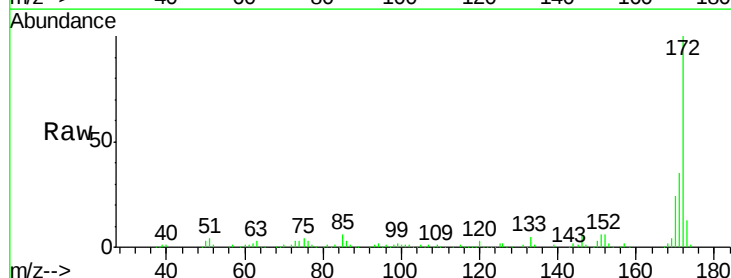
Tgt Ion:172 Resp: 401669

Ion Ratio Lower Upper

172 100

171 34.7 26.6 40.0

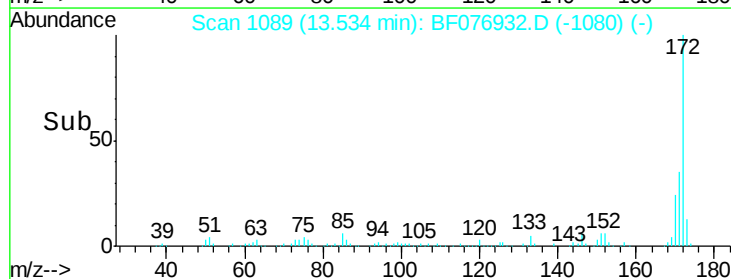
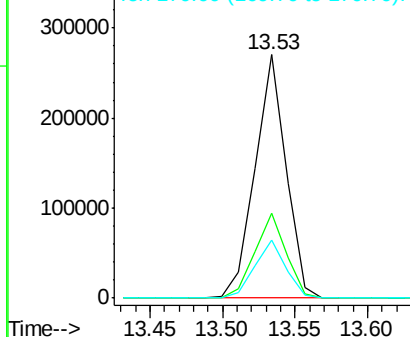
170 23.9 18.0 27.0



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

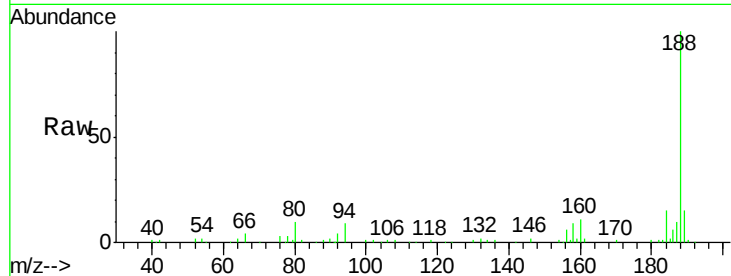




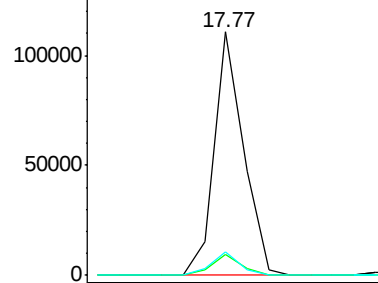
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF076932.D
Acq: 19 Jan 2015 16:32

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-17A

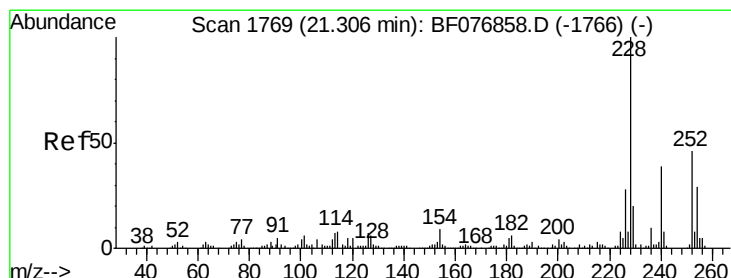
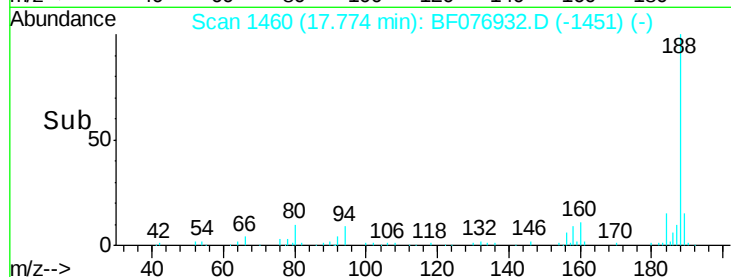
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.0	9.0
80	9.7	6.9	10.3



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

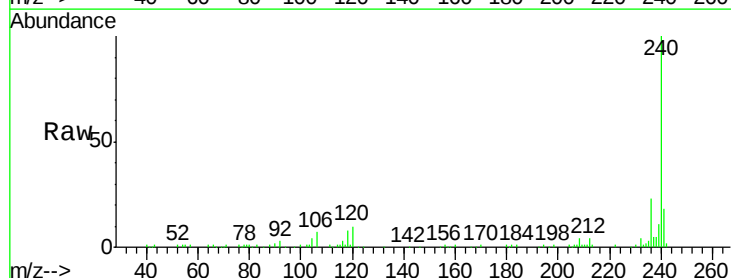


Time--> 17.70 17.75 17.80

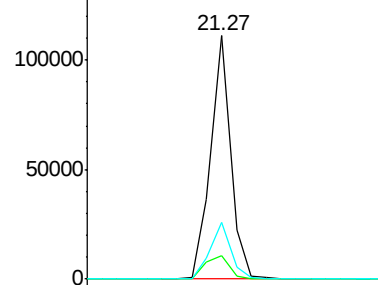


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF076932.D
Acq: 19 Jan 2015 16:32

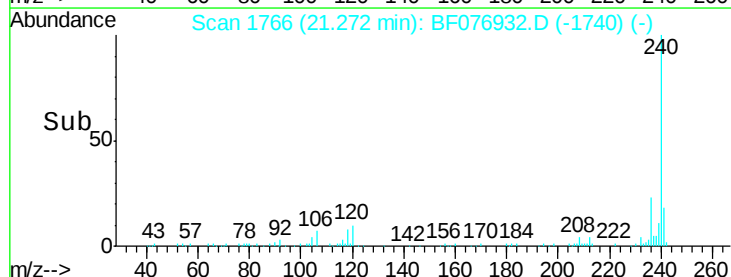
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	10.4	15.6#
236	23.5	20.2	30.2

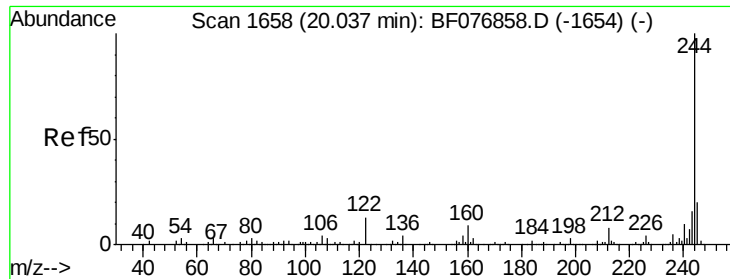


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.20 21.30

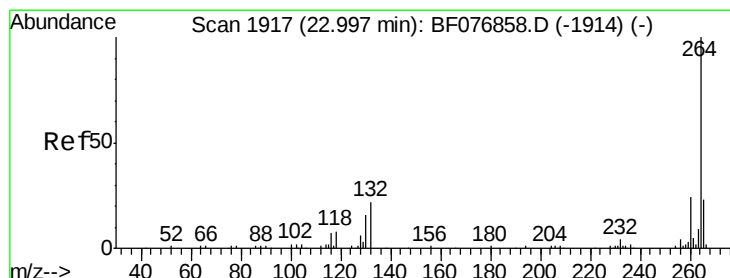
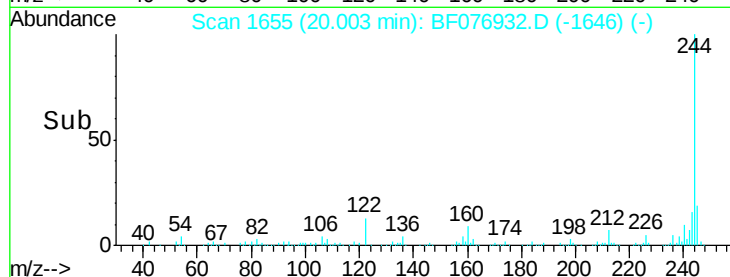
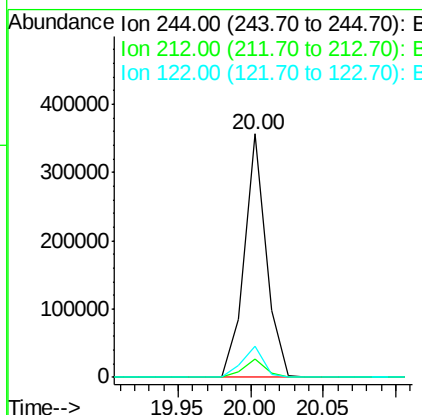
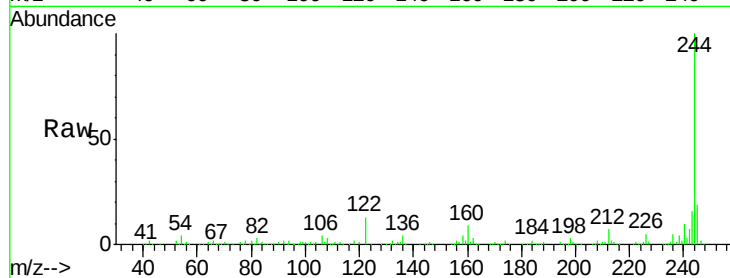




#78
 Terphenyl-d14
 Concen: 72.33 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF076932.D
 Acq: 19 Jan 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-17A

Tot Ion:244 Resp: 372818
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 12.5 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.92 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BF076932.D
 Acq: 19 Jan 2015 16:32

Tgt Ion:264 Resp: 105738
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 20.8 18.1 27.1

