

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
 Data File : BF076814.D
 Acq On : 12 Jan 2015 18:22
 Operator : IZ / TP
 Sample : G1056-03
 Misc : S
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-010

Quant Time: Jan 13 00:42:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

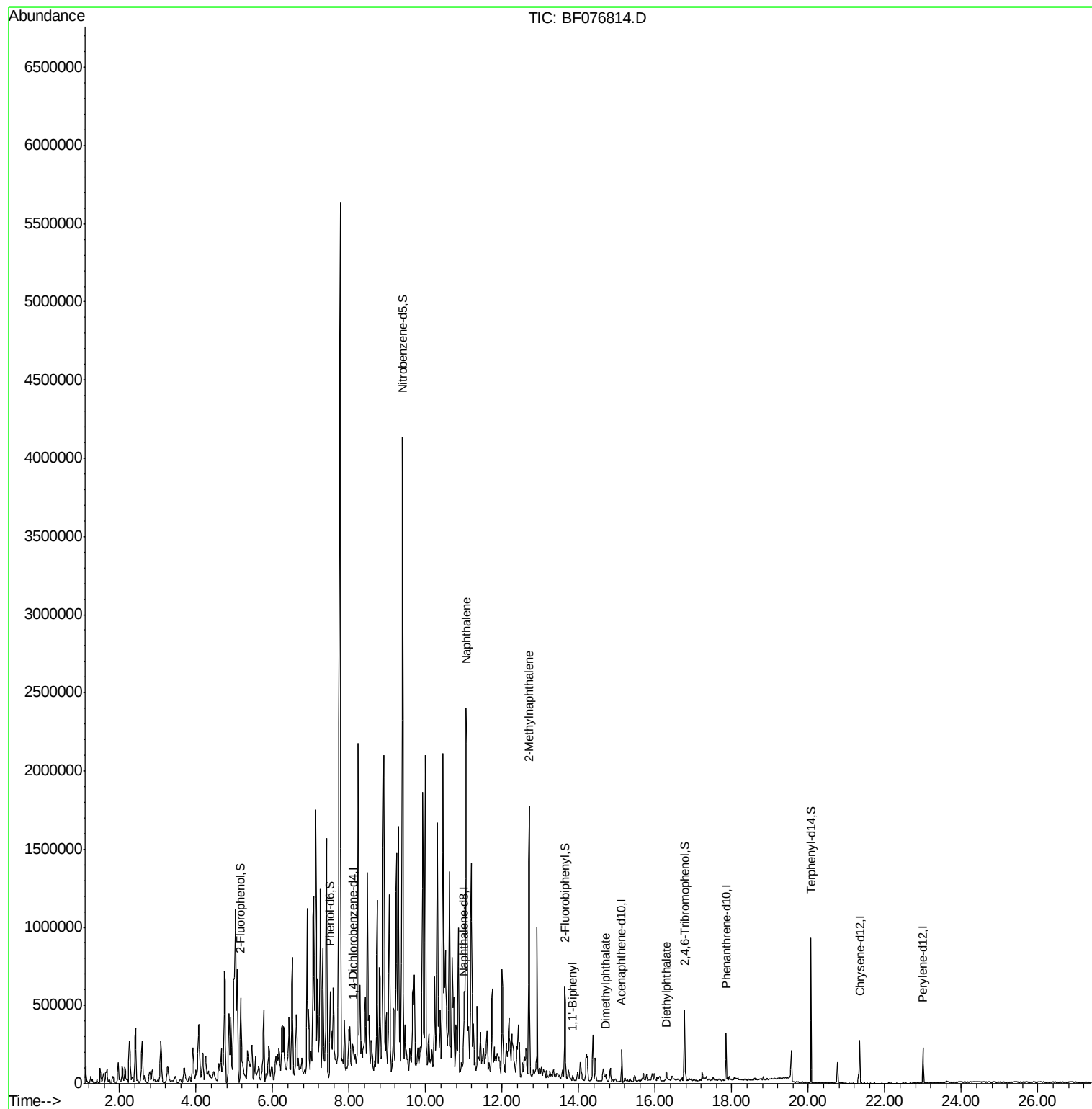
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	35853	20.00	ng	0.01
21) Naphthalene-d8	11.00	136	144159	20.00	ng	0.00
38) Acenaphthene-d10	15.12	164	76915	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	131830	20.00	ng	0.00
75) Chrysene-d12	21.34	240	119779	20.00	ng	-0.01
86) Perylene-d12	23.00	264	110574	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	218424	101.66	ng	-0.01
7) Phenol-d6	7.50	99	275211	101.74	ng	0.00
23) Nitrobenzene-d5	9.40	82	165840	63.93	ng	0.01
41) 2,4,6-Tribromophenol	16.77	330	62601	97.51	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	321726	61.56	ng	-0.01
78) Terphenyl-d14	20.07	244	324194	59.43	ng	0.00
Target Compounds						
31) Naphthalene	11.05	128	1394733	188.60	ng	Qvalue # 94
37) 2-Methylnaphthalene	12.71	142	814004	156.86	ng	99
45) 1,1'-Biphenyl	13.84	154	16794	2.84	ng	94
49) Dimethylphthalate	14.70	163	22851	4.09	ng	98
59) Diethylphthalate	16.29	149	32982	5.73	ng	98

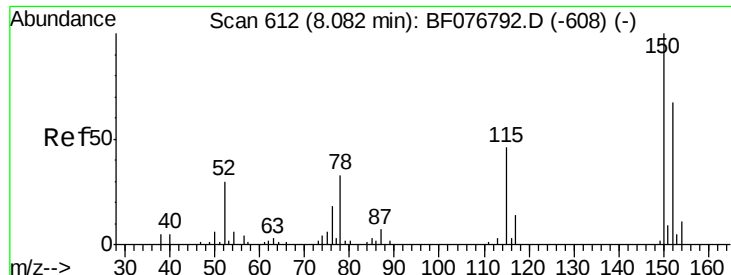
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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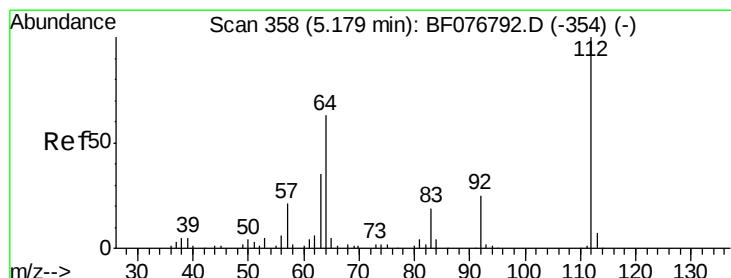
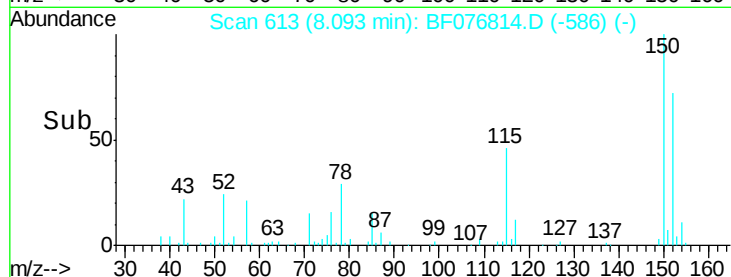
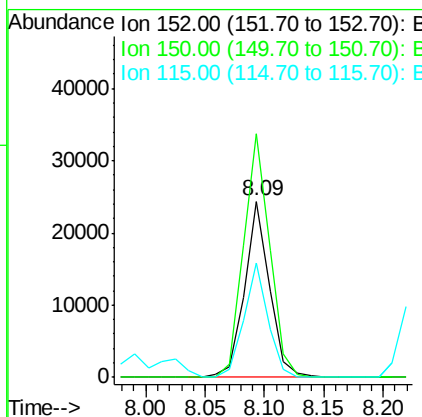
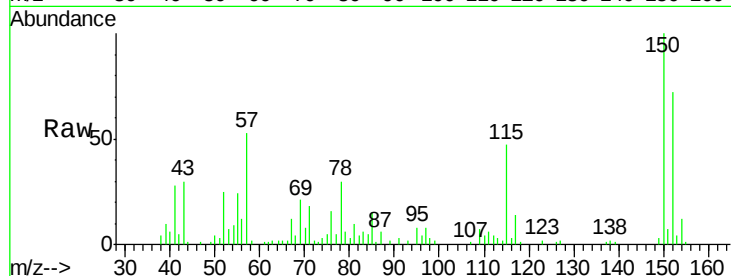


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF076814.D
Acq: 12 Jan 2015 18:22

Instrument :
BNA_F
ClientSampleId :
SW-010

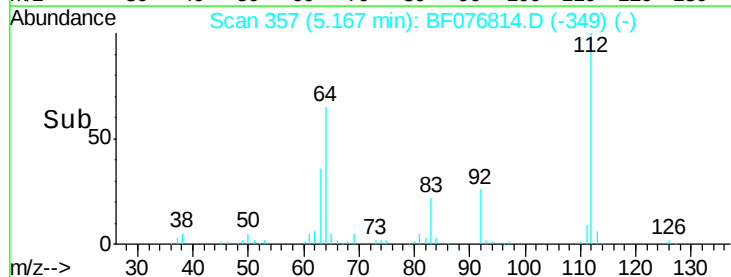
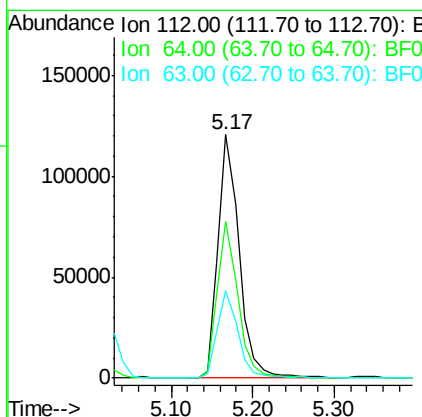
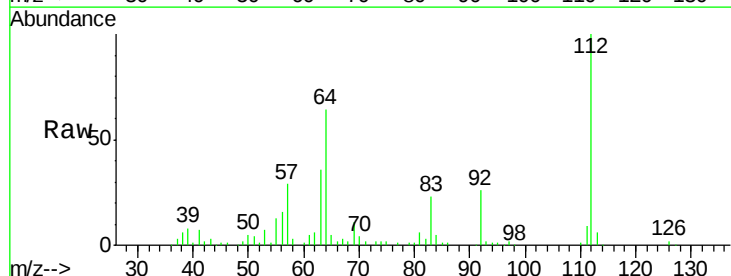
Tot Ion:152 Resp: 35853
Ion Ratio Lower Upper
152 100
150 138.2 119.5 179.3
115 64.8 54.6 81.8

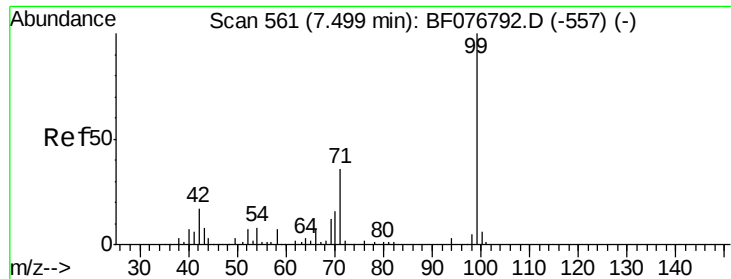


#5

2-Fluorophenol
Concen: 101.66 ng
RT: 5.17 min Scan# 357
Delta R.T. -0.01 min
Lab File: BF076814.D
Acq: 12 Jan 2015 18:22

Tgt Ion:112 Resp: 218424
Ion Ratio Lower Upper
112 100
64 64.3 50.2 75.4
63 35.9 27.8 41.6





#7

Phenol-d6

Concen: 101.74 ng

RT: 7.50 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Instrument :

BNA_F

ClientSampleId :

SW-010

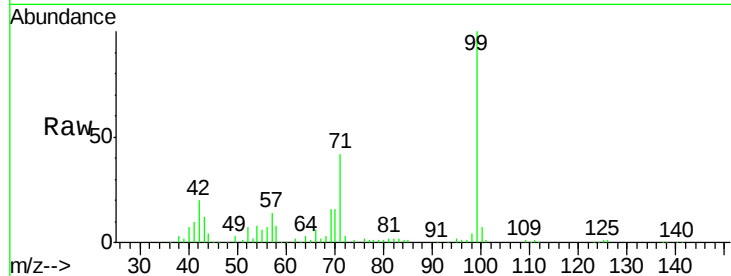
Tot Ion: 99 Resp: 275211

Ion Ratio Lower Upper

99 100

42 20.0 13.3 19.9#

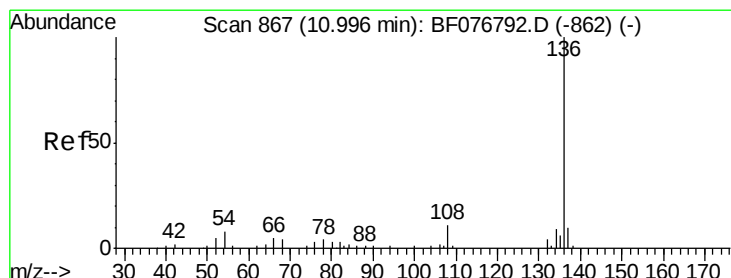
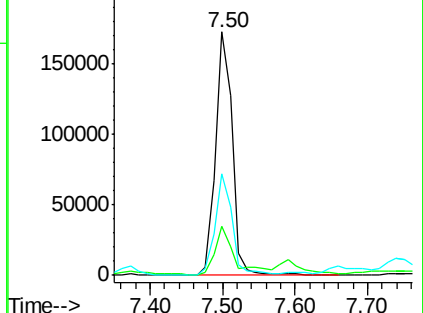
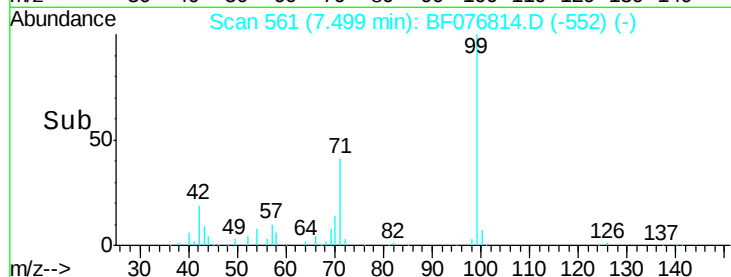
71 41.7 29.2 43.8



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: 11.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Tgt Ion: 136 Resp: 144159

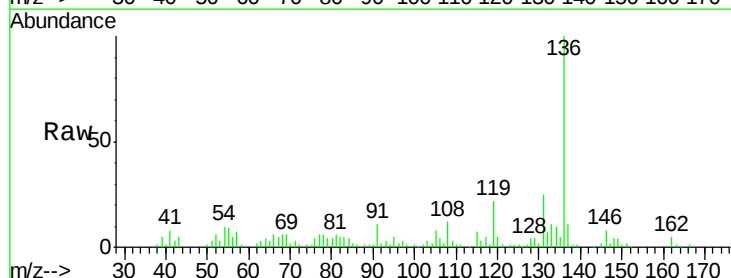
Ion Ratio Lower Upper

136 100

137 11.4 8.1 12.1

54 10.1 6.3 9.5#

68 5.6 3.4 5.0#

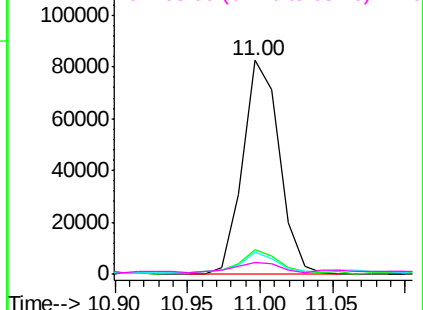
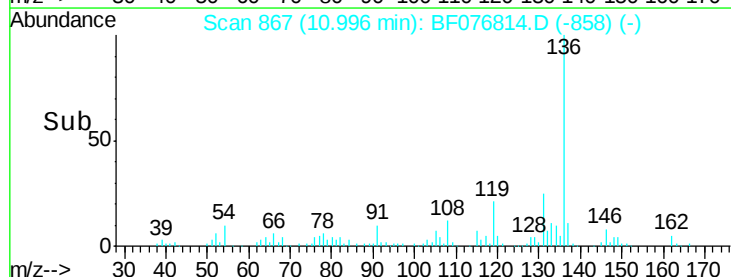


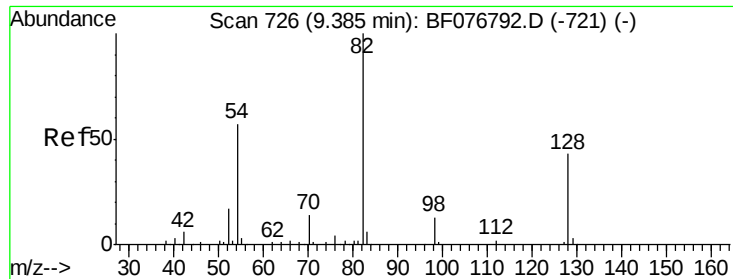
Abundance Ion 136.00 (135.70 to 136.70): E

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

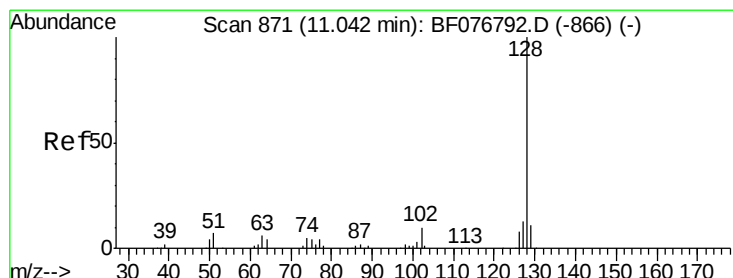
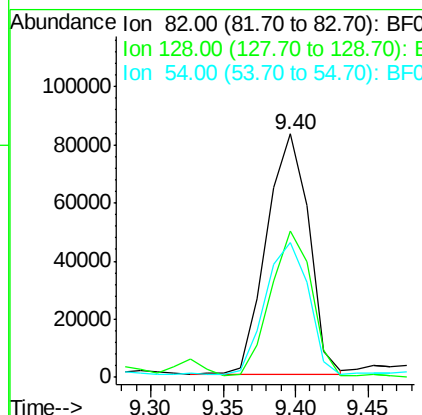
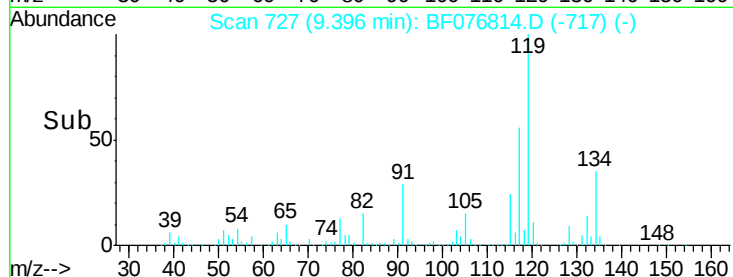
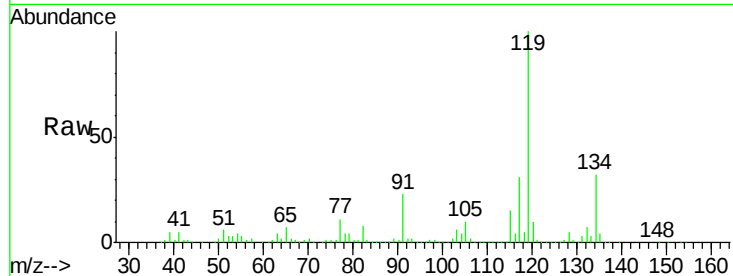




#23
 Nitrobenzene-d5
 Concen: 63.93 ng
 RT: 9.40 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: BF076814.D
 Acq: 12 Jan 2015 18:22

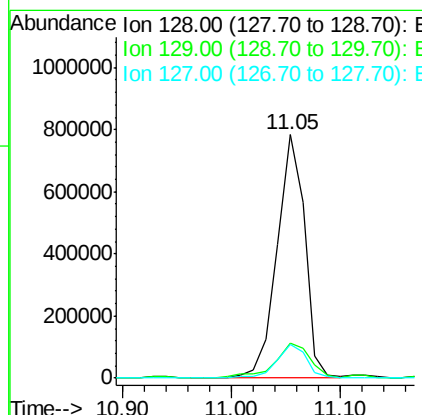
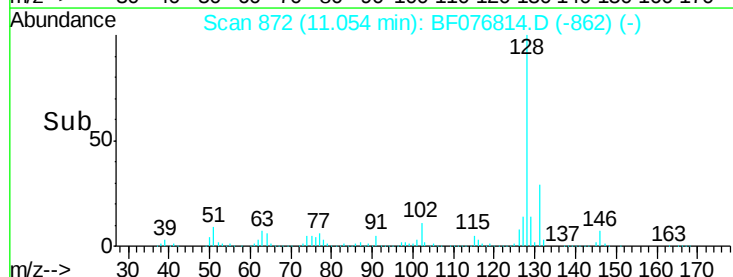
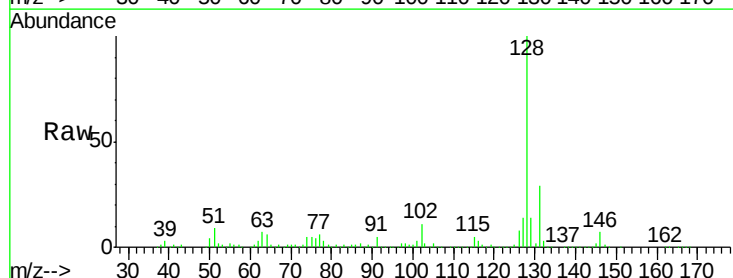
Instrument :
 BNA_F
 ClientSampleId :
 SW-010

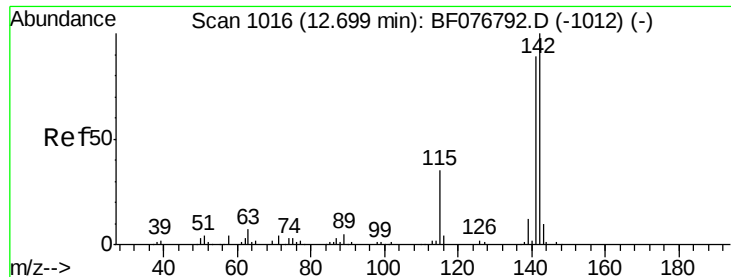
Tot Ion: 82 Resp: 165840
 Ion Ratio Lower Upper
 82 100
 128 60.3 34.0 51.0#
 54 55.6 45.6 68.4



#31
 Naphthalene
 Concen: 188.60 ng
 RT: 11.05 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: BF076814.D
 Acq: 12 Jan 2015 18:22

Tgt Ion:128 Resp: 1394733
 Ion Ratio Lower Upper
 128 100
 129 14.3 8.6 13.0#
 127 14.0 10.1 15.1

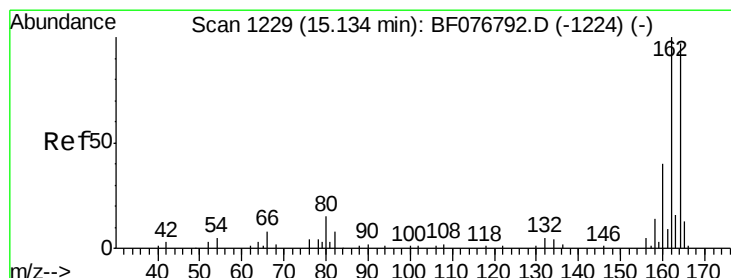
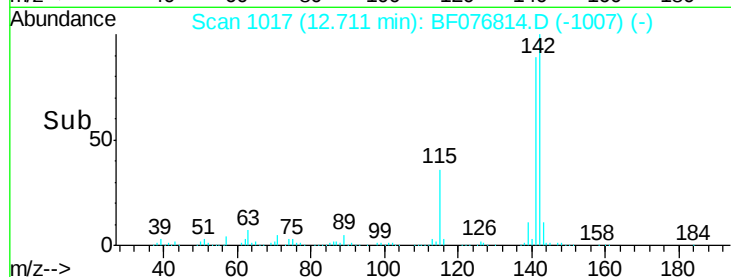
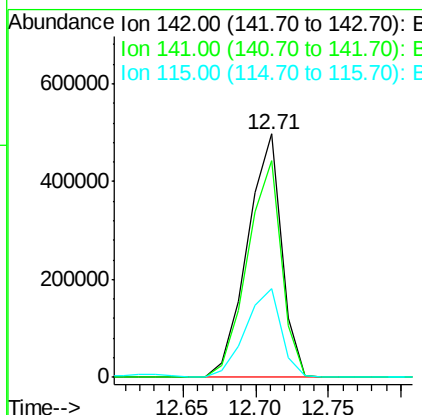
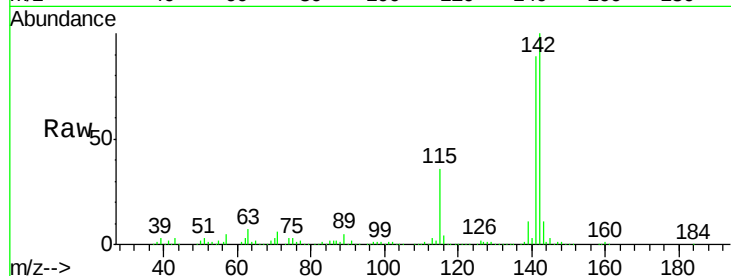




#37
 2-Methylnaphthalene
 Concen: 156.86 ng
 RT: 12.71 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: BF076814.D
 Acq: 12 Jan 2015 18:22

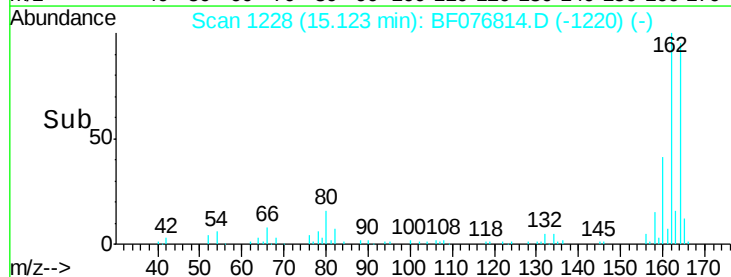
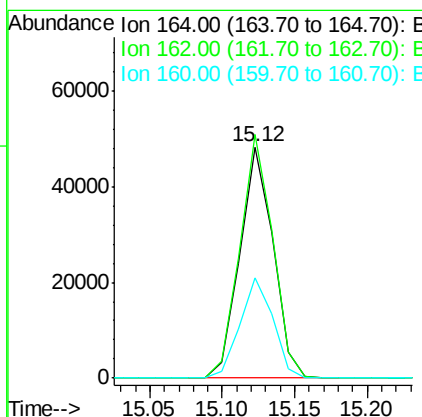
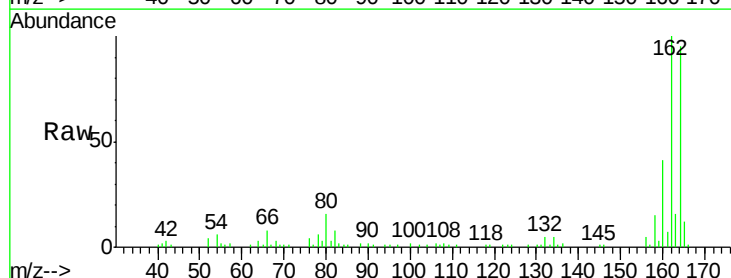
Instrument :
 BNA_F
 ClientSampleId :
 SW-010

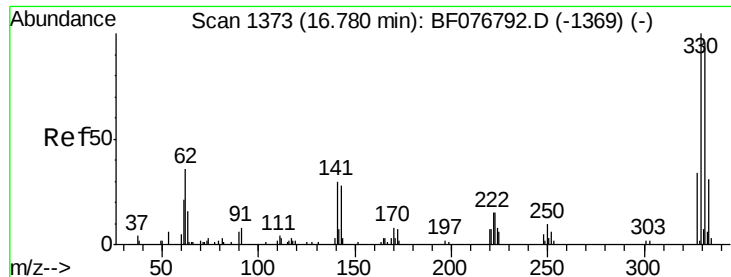
Tot Ion:142 Resp: 814004
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.0 106.4
 115 36.4 28.2 42.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF076814.D
 Acq: 12 Jan 2015 18:22

Tgt Ion:164 Resp: 76915
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.5 123.7
 160 43.2 33.1 49.7





#41

2,4,6-Tribromophenol

Concen: 97.51 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Instrument :

BNA_F

ClientSampleId :

SW-010

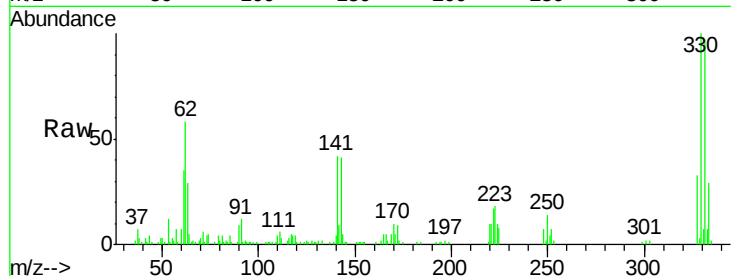
Tot Ion:330 Resp: 62601

Ion Ratio Lower Upper

330 100

332 99.0 74.8 112.2

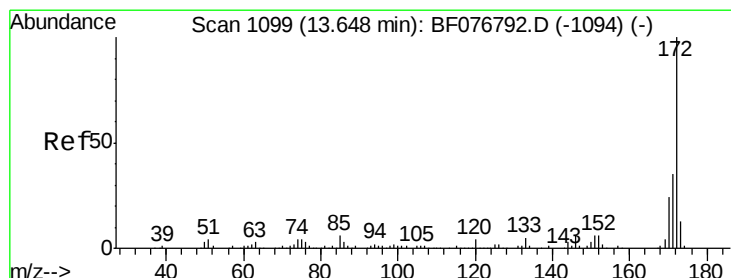
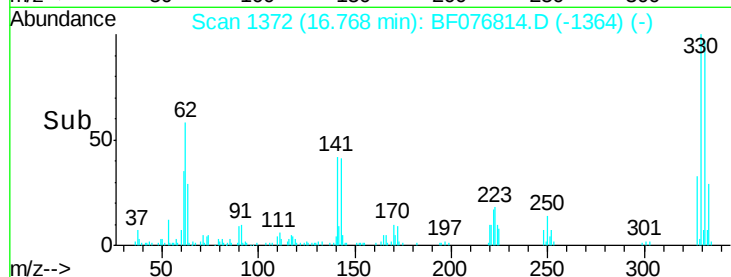
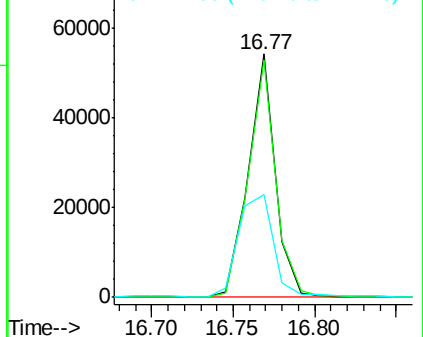
141 55.3 42.4 63.6



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: 61.56 ng

RT: 13.64 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

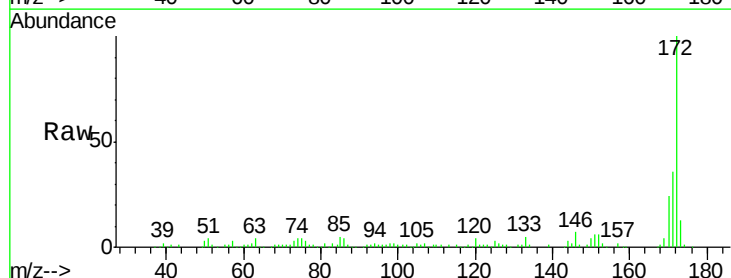
Tgt Ion:172 Resp: 321726

Ion Ratio Lower Upper

172 100

171 36.1 27.8 41.8

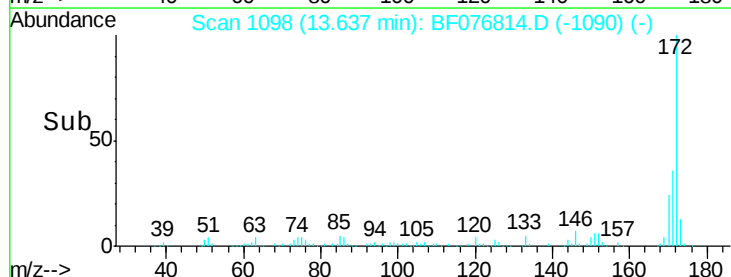
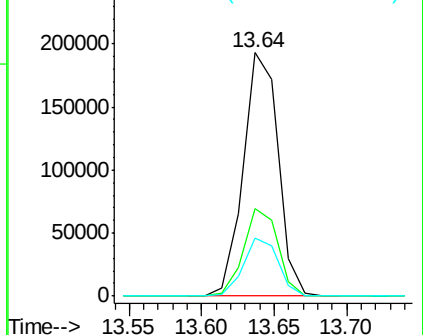
170 23.8 18.8 28.2

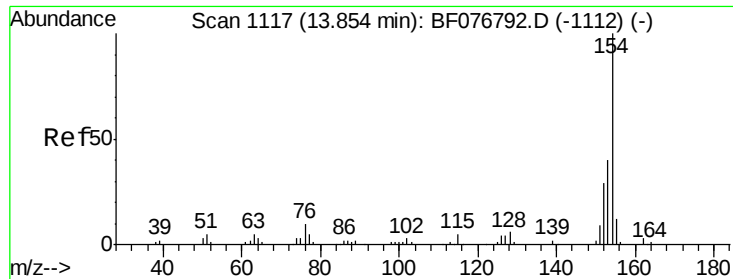


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

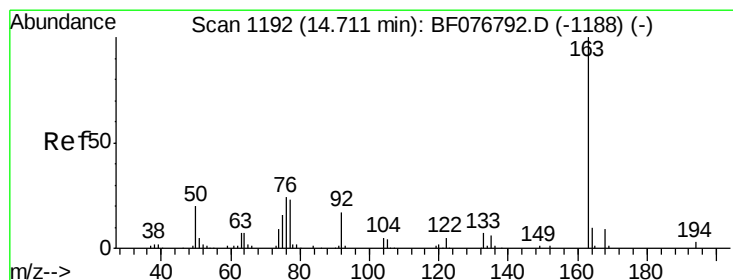
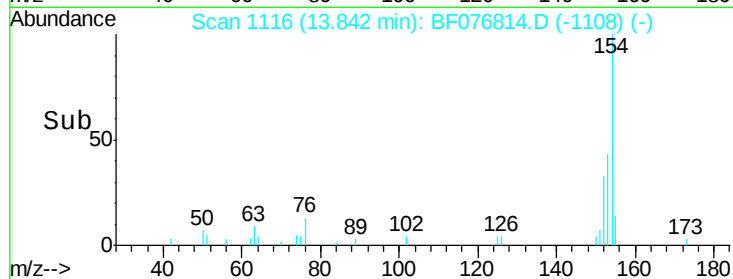
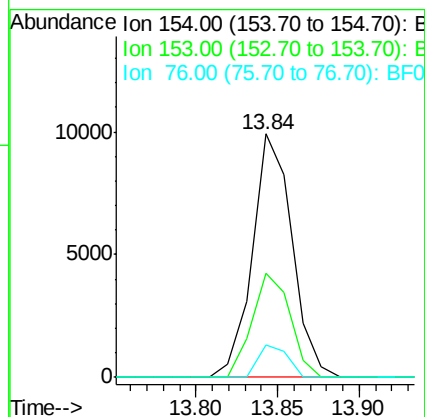
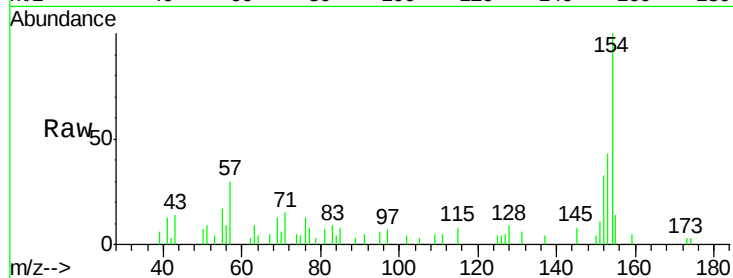




#45
 1,1'-Biphenyl
 Concen: 2.84 ng
 RT: 13.84 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF076814.D
 Acq: 12 Jan 2015 18:22

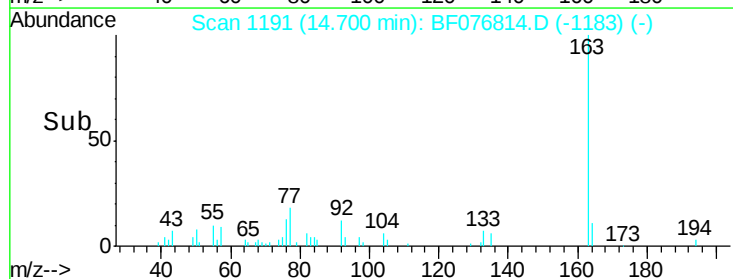
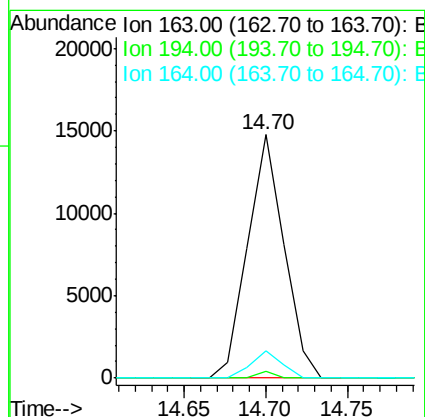
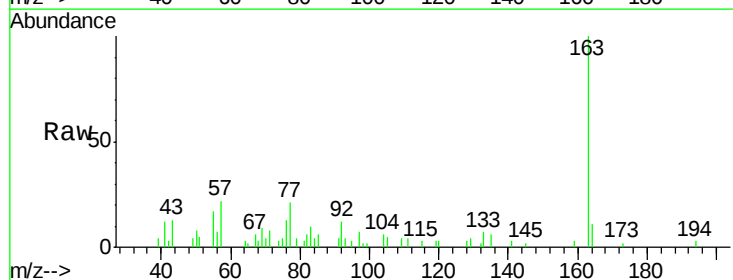
Instrument :
 BNA_F
 ClientSampled :
 SW-010

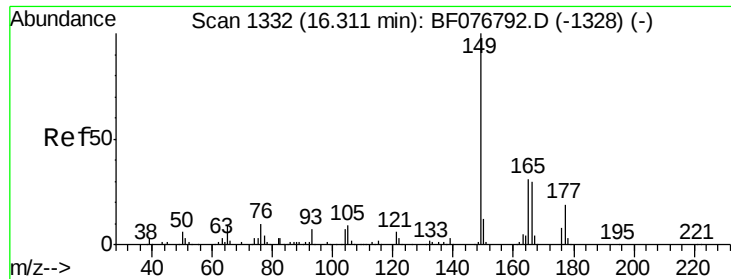
Tot Ion:154	Resp:	16794
Ion Ratio	Lower	Upper
154	100	
153	42.8	19.9 59.9
76	13.4	0.0 29.9



#49
 Dimethylphthalate
 Concen: 4.09 ng
 RT: 14.70 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF076814.D
 Acq: 12 Jan 2015 18:22

Tgt Ion:163	Resp:	22851
Ion Ratio	Lower	Upper
163	100	
194	2.9	2.3 3.5
164	11.4	8.3 12.5





#59

Diethylphthalate

Concen: 5.73 ng

RT: 16.29 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Instrument :

BNA_F

ClientSampleId :

SW-010

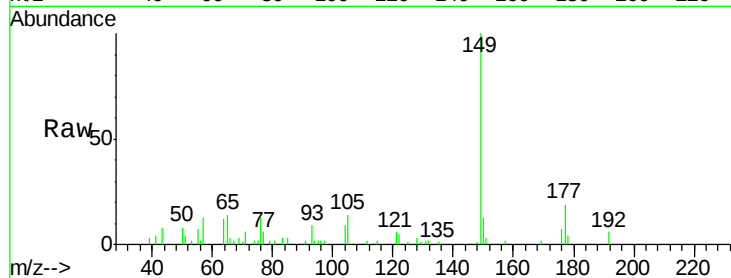
Tot Ion:149 Resp: 32982

Ion Ratio Lower Upper

149 100

177 18.8 15.4 23.2

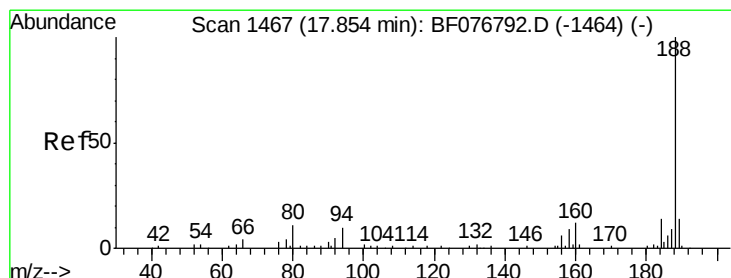
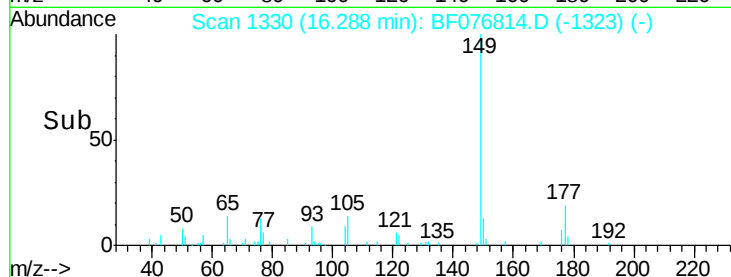
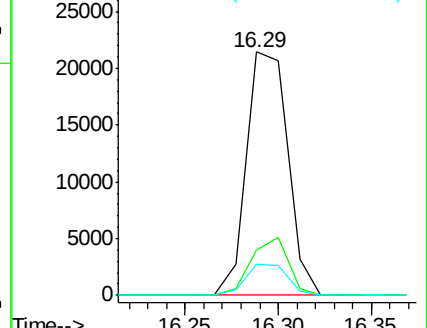
150 12.8 9.4 14.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.85 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

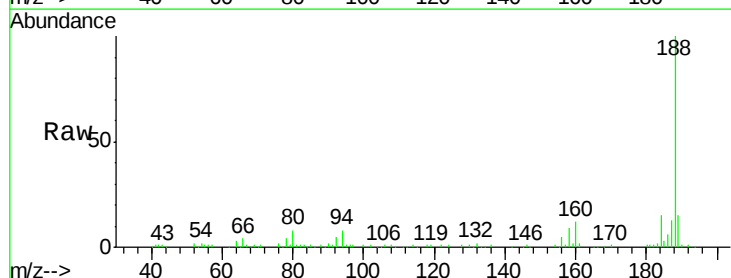
Tgt Ion:188 Resp: 131830

Ion Ratio Lower Upper

188 100

94 7.5 7.8 11.6#

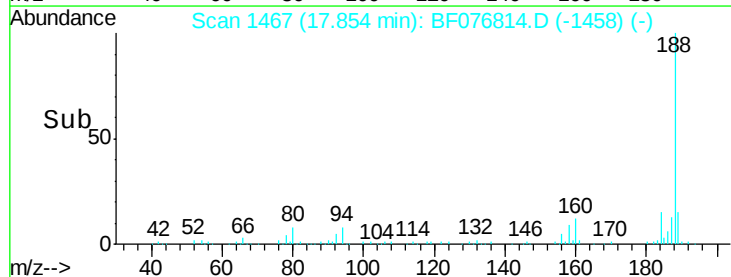
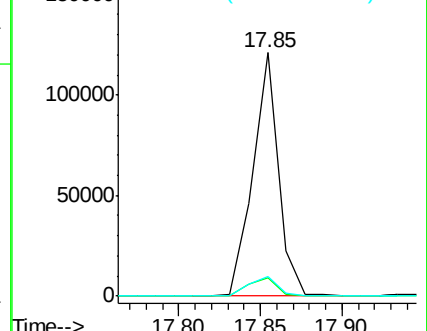
80 7.9 8.6 13.0#

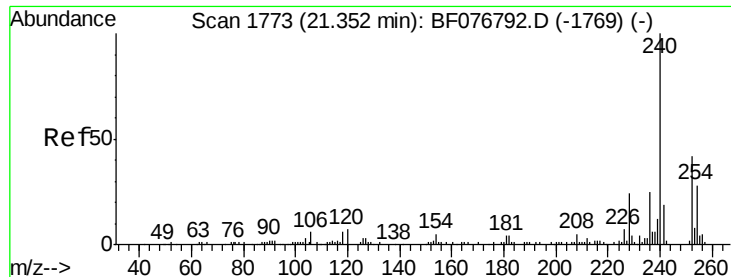


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.34 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Instrument :

BNA_F

ClientSampleId :

SW-010

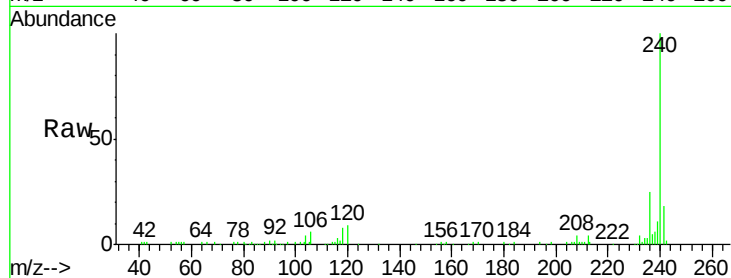
Tot Ion:240 Resp: 119779

Ion Ratio Lower Upper

240 100

120 9.2 5.7 8.5#

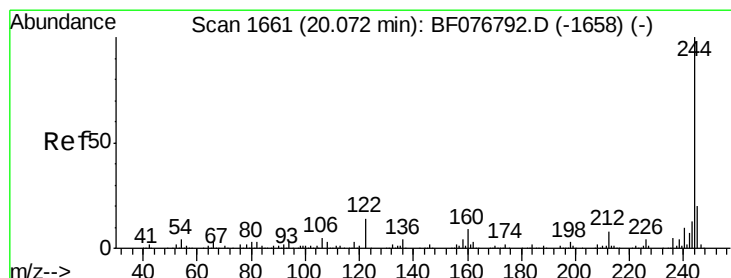
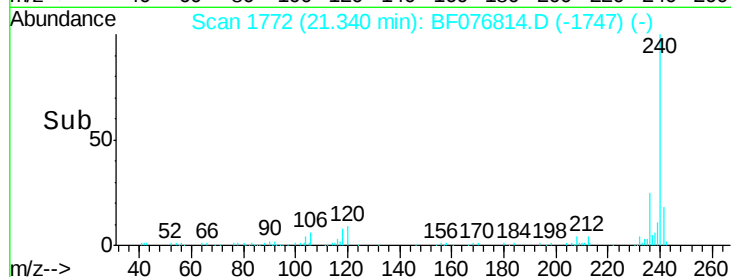
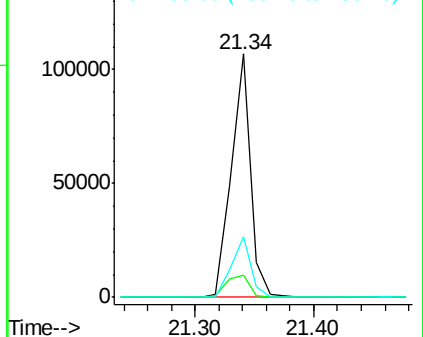
236 25.0 19.7 29.5



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: 59.43 ng

RT: 20.07 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

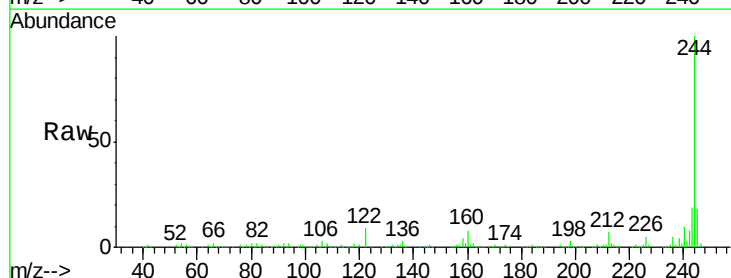
Tgt Ion:244 Resp: 324194

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

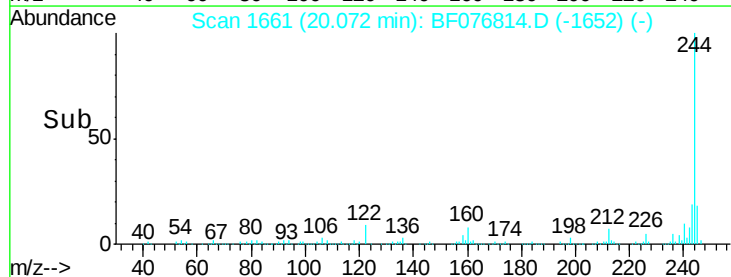
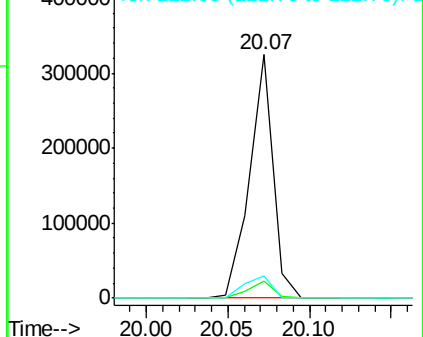
122 9.2 11.3 16.9#

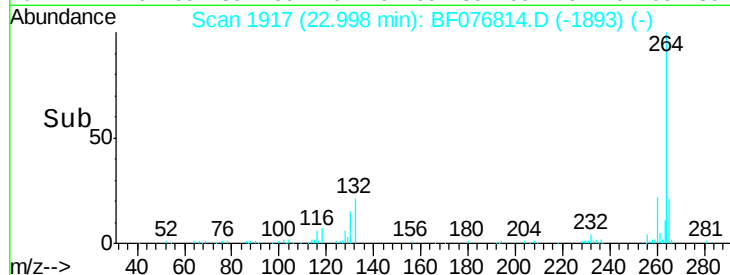
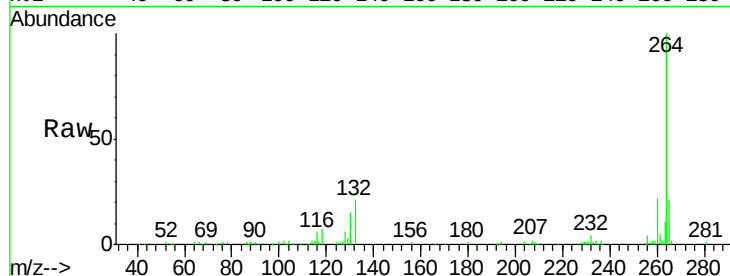
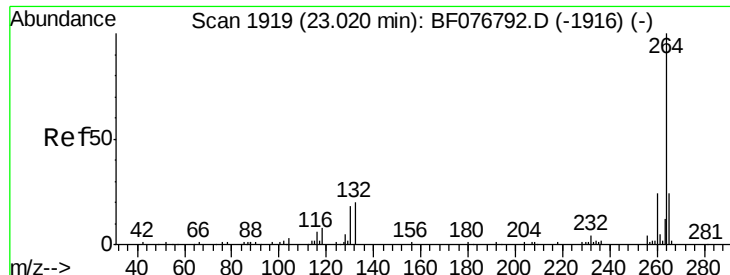


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.00 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BF076814.D
 Acq: 12 Jan 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SW-010

Tot Ion:264	Resp:	110574
Ion	Ratio	Lower Upper
264	100	
260	22.1	19.4 29.0
265	21.3	18.9 28.3

