

Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF011315\
 Data File : BF076851.D
 Acq On : 13 Jan 2015 19:44
 Operator : IZ / TP
 Sample : G1070-01
 Misc : W
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Jan 14 10:47:10 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

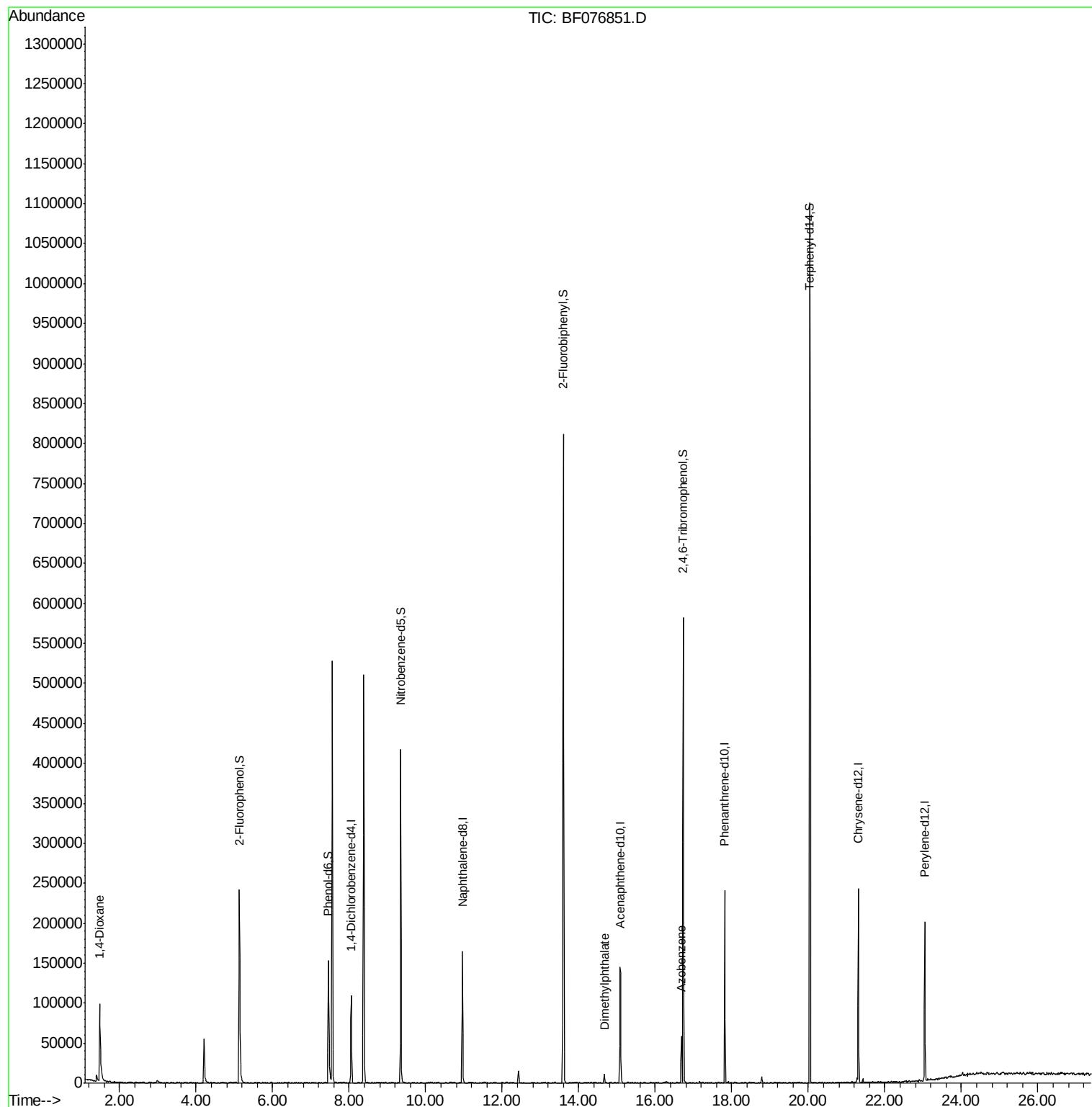
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	28928	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	117656	20.00	ng	-0.03
38) Acenaphthene-d10	15.09	164	63172	20.00	ng	-0.05
63) Phenanthrene-d10	17.82	188	103742	20.00	ng	-0.03
75) Chrysene-d12	21.31	240	100454	20.00	ng	-0.05
86) Perylene-d12	23.04	264	90459	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	124738	71.95	ng	-0.05
7) Phenol-d6	7.45	99	98909	45.32	ng	-0.05
23) Nitrobenzene-d5	9.35	82	205918	97.26	ng	-0.03
41) 2,4,6-Tribromophenol	16.73	330	77026	146.08	ng	-0.05
44) 2-Fluorobiphenyl	13.60	172	426390	99.34	ng	-0.05
78) Terphenyl-d14	20.04	244	418326	91.43	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.48	88	4048	5.48	ng	# 14
49) Dimethylphthalate	14.67	163	9850	2.15	ng	# 93
62) Azobenzene	16.68	77	15749	3.25	ng	# 1

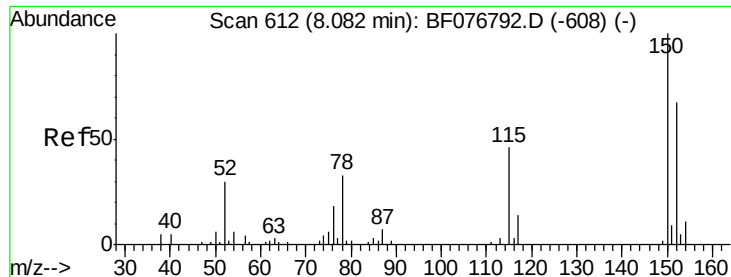
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF076851.D

Acq: 13 Jan 2015 19:44

Instrument :

BNA_F

ClientSampled :

DSN001

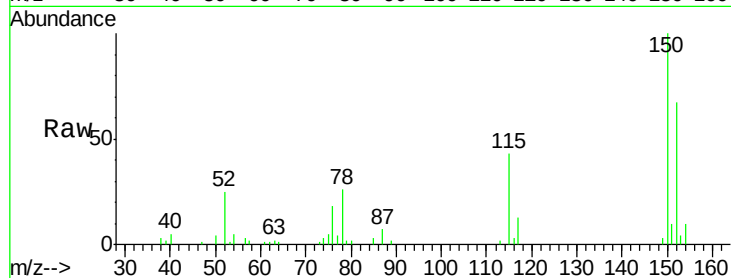
Tot Ion:152 Resp: 28928

Ion Ratio Lower Upper

152 100

150 148.8 119.5 179.3

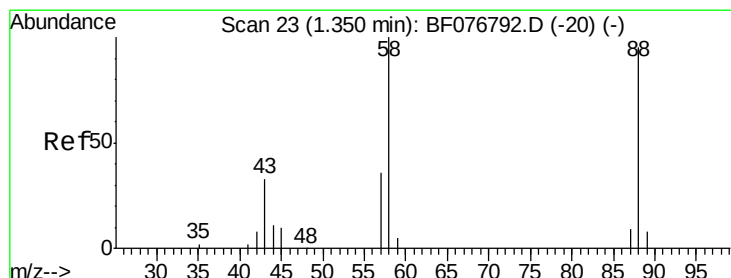
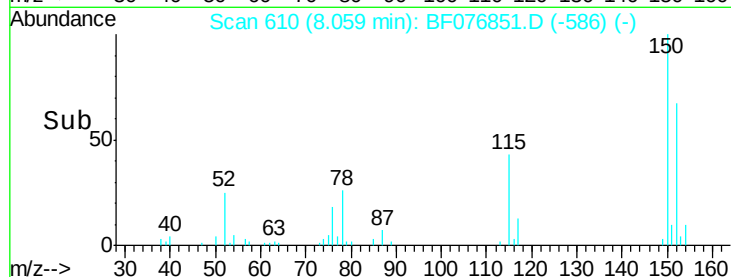
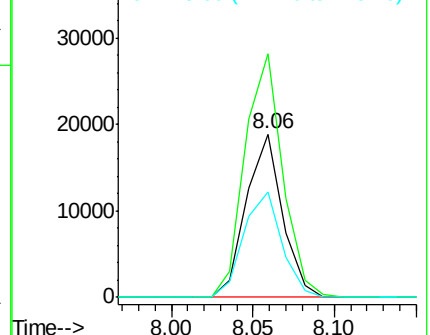
115 64.1 54.6 81.8



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



#2

1,4-Dioxane

Concen: 5.48 ng

RT: 1.48 min Scan# 34

Delta R.T. 0.13 min

Lab File: BF076851.D

Acq: 13 Jan 2015 19:44

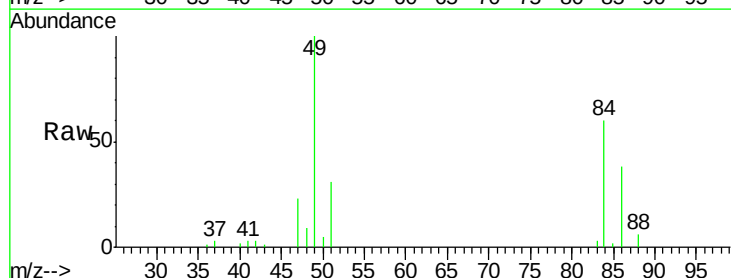
Tgt Ion: 88 Resp: 4048

Ion Ratio Lower Upper

88 100

58 0.0 72.4 108.6#

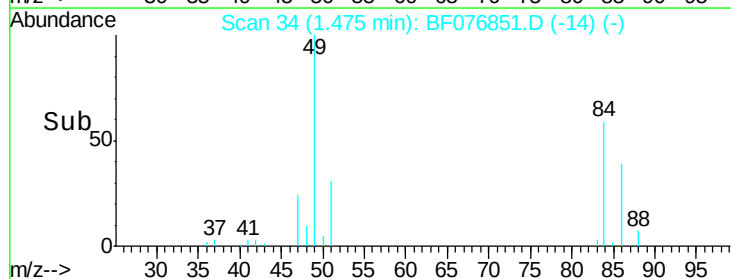
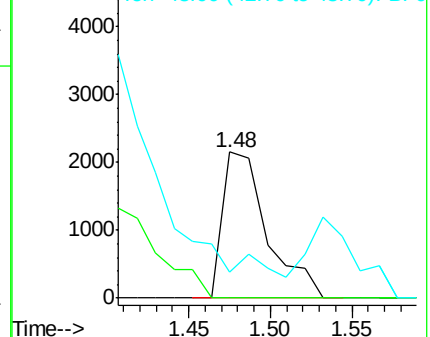
43 0.0 24.0 36.0#

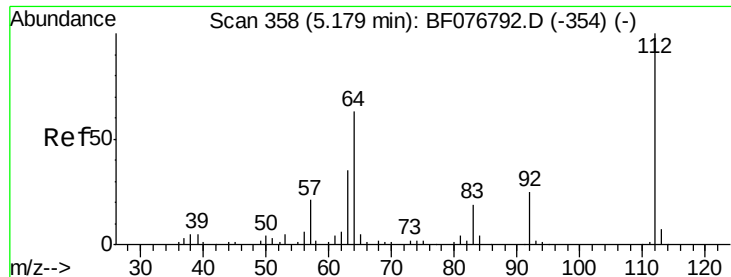


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 71.95 ng

RT: 5.13 min Scan# 354

Delta R.T. -0.05 min

Lab File: BF076851.D

Acq: 13 Jan 2015 19:44

Instrument :

BNA_F

ClientSampleId :

DSN001

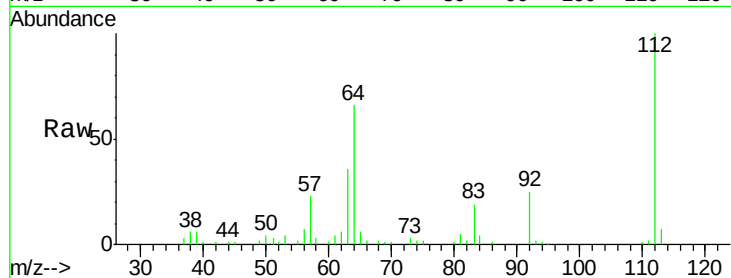
Tot Ion: 112 Resp: 124738

Ion Ratio Lower Upper

112 100

64 65.6 50.2 75.4

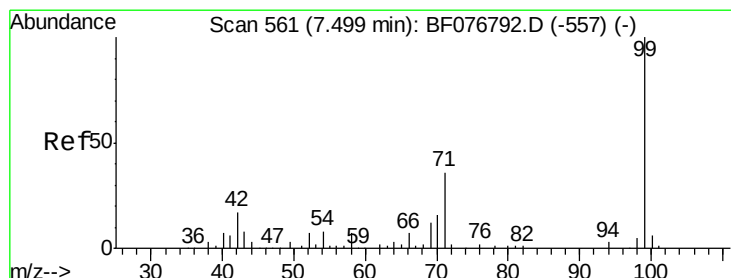
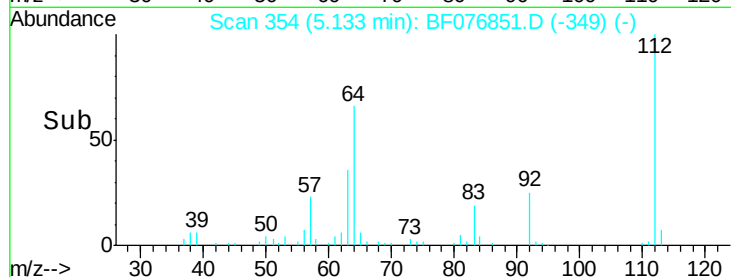
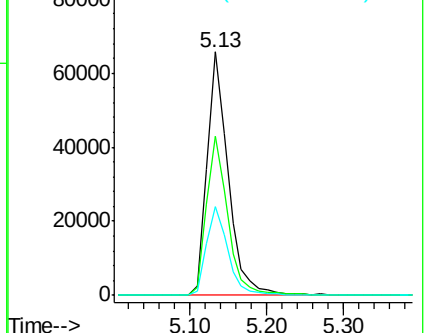
63 36.5 27.8 41.6



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: 45.32 ng

RT: 7.45 min Scan# 557

Delta R.T. -0.05 min

Lab File: BF076851.D

Acq: 13 Jan 2015 19:44

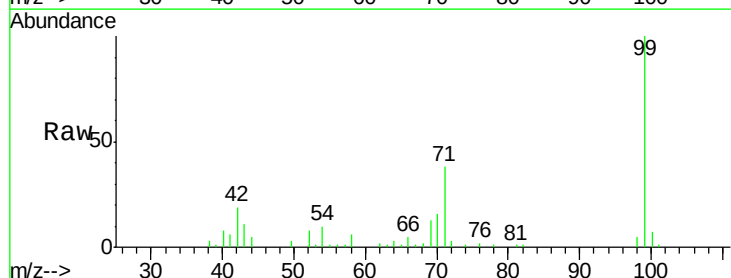
Tgt Ion: 99 Resp: 98909

Ion Ratio Lower Upper

99 100

42 19.1 13.3 19.9

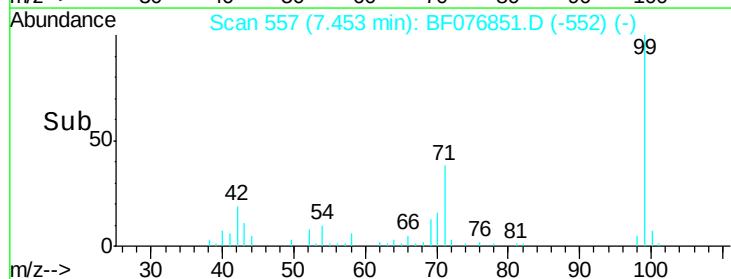
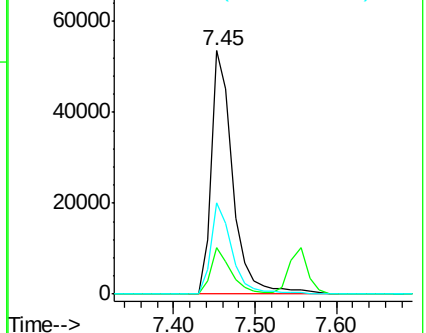
71 37.6 29.2 43.8

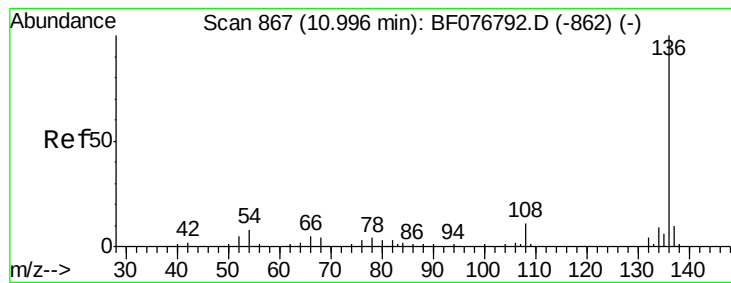


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 10.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF076851.D

Acq: 13 Jan 2015 19:44

Instrument :

BNA_F

ClientSampleId :

DSN001

Tot Ion:136 Resp: 117656

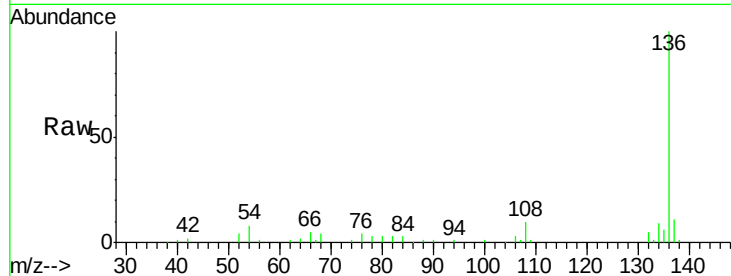
Ion Ratio Lower Upper

136 100

137 10.8 8.1 12.1

54 7.8 6.3 9.5

68 3.8 3.4 5.0

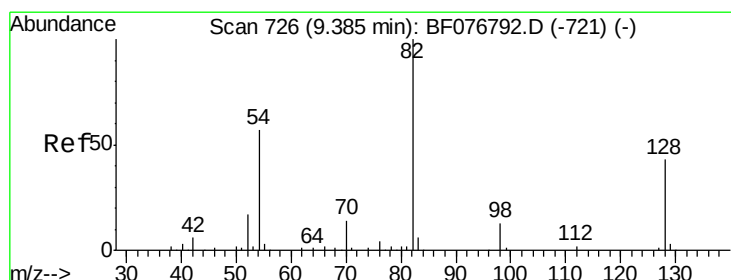
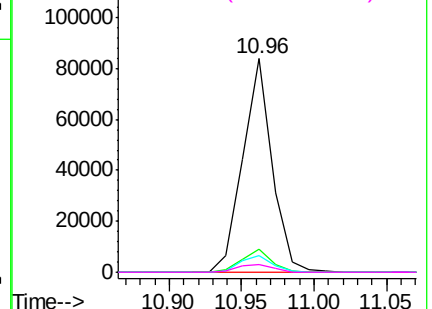
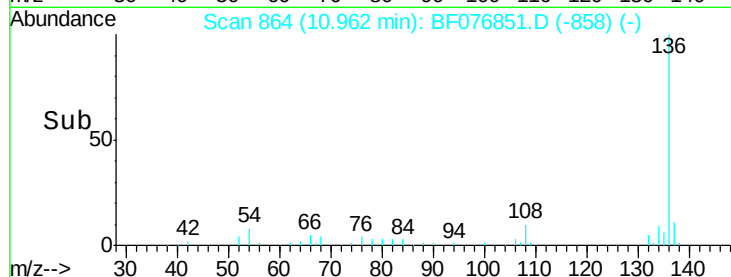


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.26 ng

RT: 9.35 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF076851.D

Acq: 13 Jan 2015 19:44

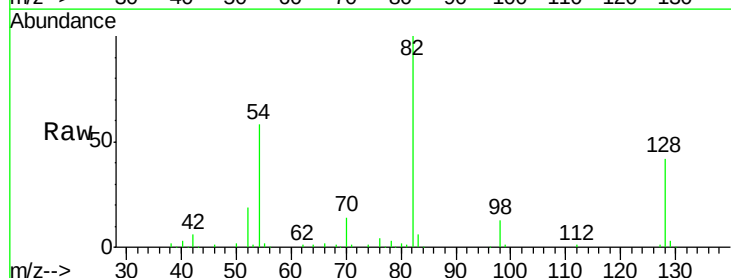
Tgt Ion: 82 Resp: 205918

Ion Ratio Lower Upper

82 100

128 42.1 34.0 51.0

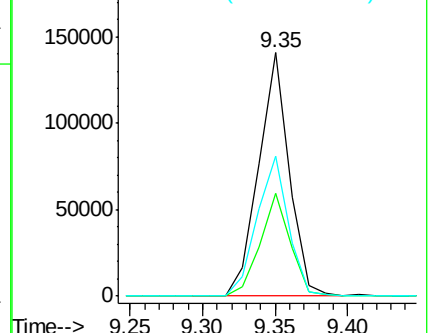
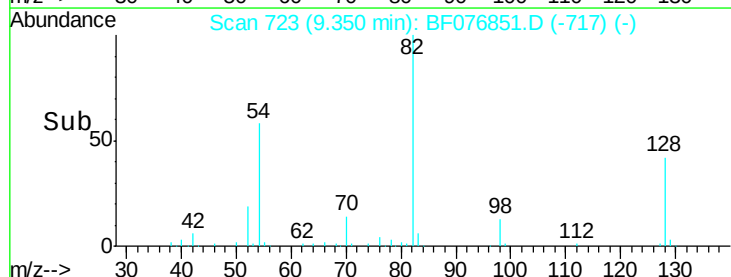
54 57.6 45.6 68.4

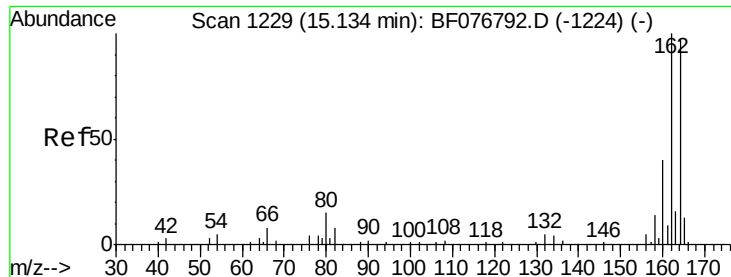


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 15.09 min Scan# 1225

Delta R.T. -0.05 min

Lab File: BF076851.D

Acq: 13 Jan 2015 19:44

Instrument :

BNA_F

ClientSampleId :

DSN001

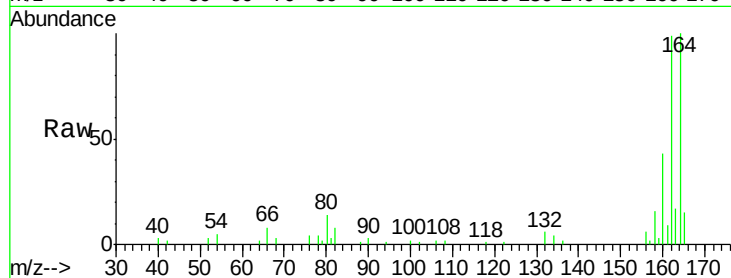
Tot Ion:164 Resp: 63172

Ion Ratio Lower Upper

164 100

162 99.3 82.5 123.7

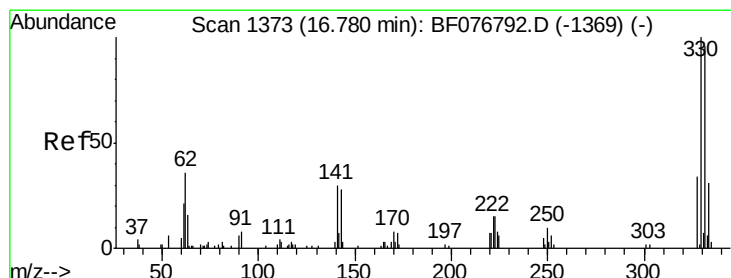
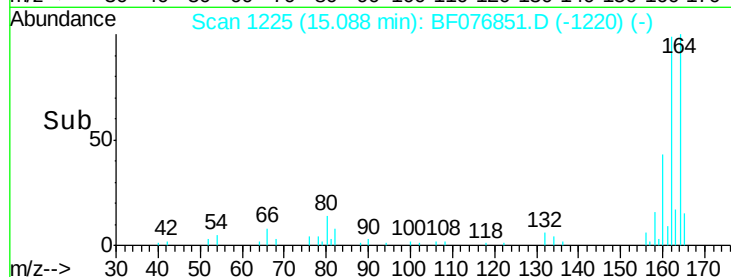
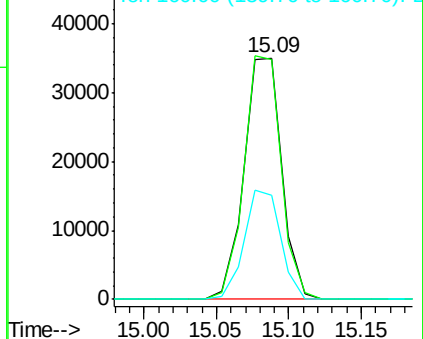
160 42.9 33.1 49.7



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: 146.08 ng

RT: 16.73 min Scan# 1369

Delta R.T. -0.05 min

Lab File: BF076851.D

Acq: 13 Jan 2015 19:44

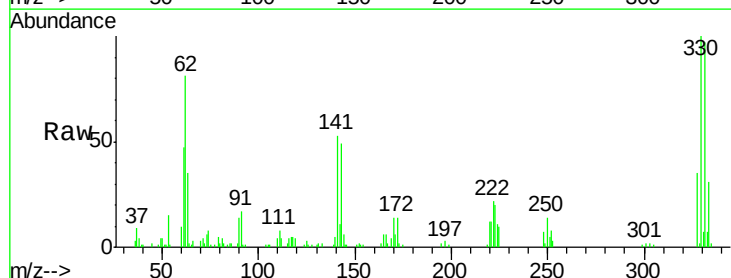
Tgt Ion:330 Resp: 77026

Ion Ratio Lower Upper

330 100

332 96.8 74.8 112.2

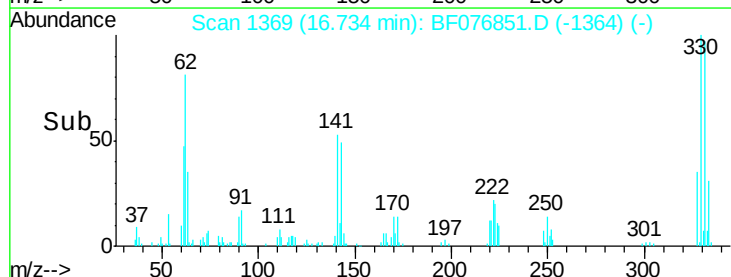
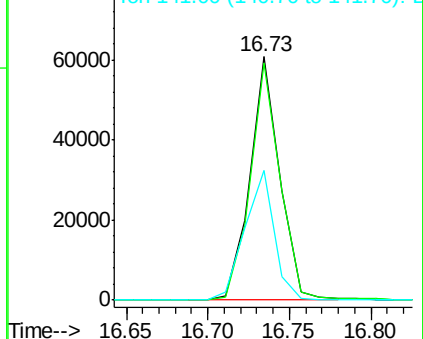
141 52.5 42.4 63.6

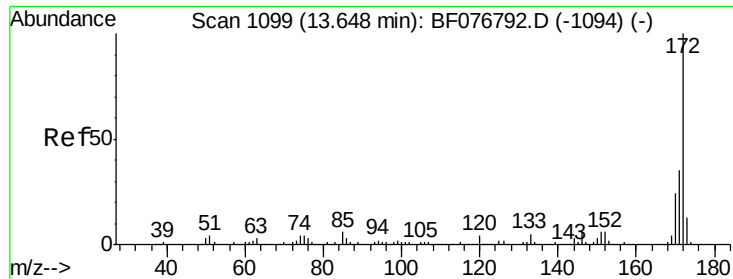


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

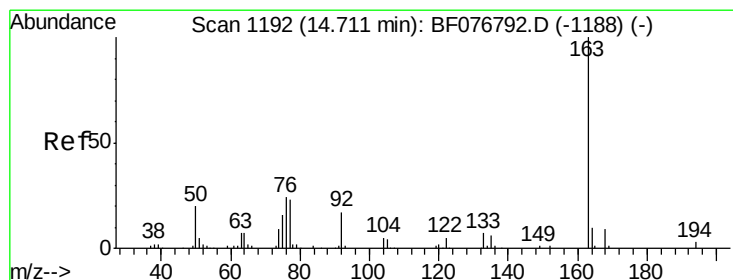
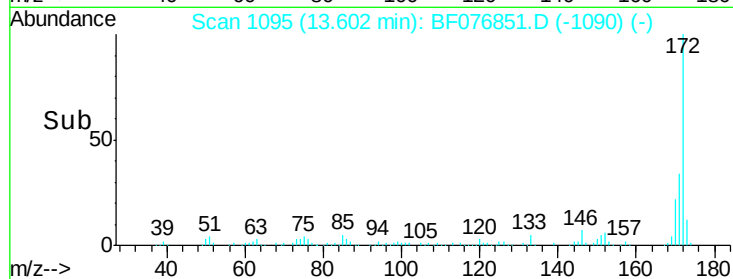
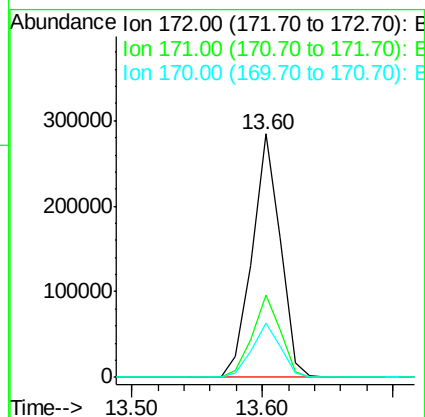
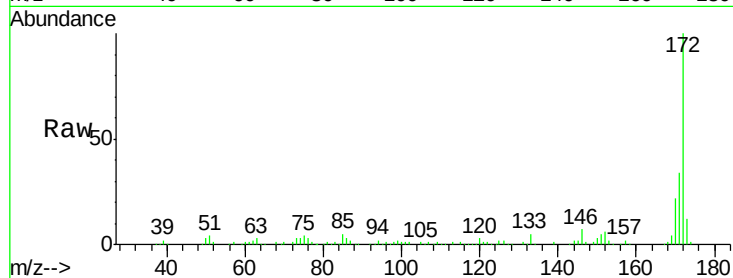




#44
2-Fluorobiphenyl
Concen: 99.34 ng
RT: 13.60 min Scan# 1095
Delta R.T. -0.05 min
Lab File: BF076851.D
Acq: 13 Jan 2015 19:44

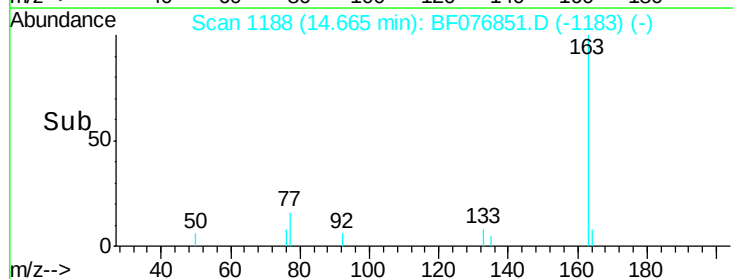
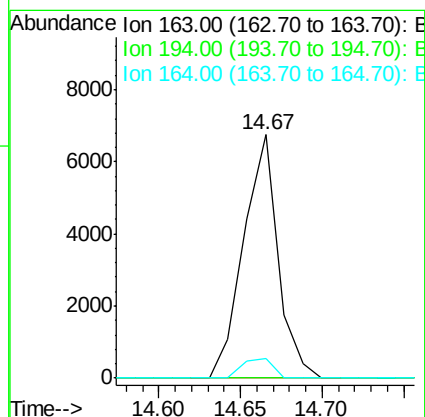
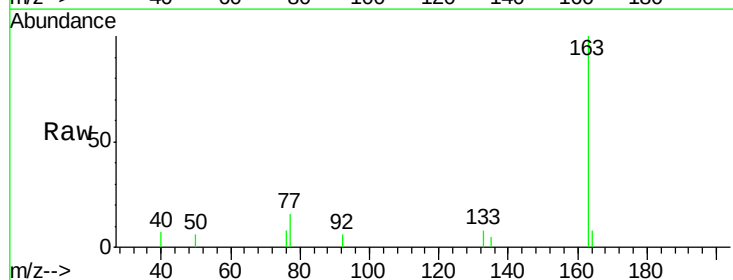
Instrument :
BNA_F
ClientSampleId :
DSN001

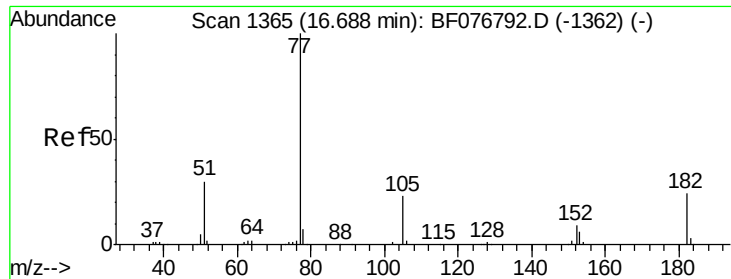
Tot Ion:172 Resp: 426390
Ion Ratio Lower Upper
172 100
171 33.6 27.8 41.8
170 22.4 18.8 28.2



#49
Dimethylphthalate
Concen: 2.15 ng
RT: 14.67 min Scan# 1188
Delta R.T. -0.05 min
Lab File: BF076851.D
Acq: 13 Jan 2015 19:44

Tgt Ion:163 Resp: 9850
Ion Ratio Lower Upper
163 100
194 0.0 2.3 3.5#
164 7.8 8.3 12.5#





#62

Azobenzene

Concen: 3.25 ng

RT: 16.68 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF076851.D

Acq: 13 Jan 2015 19:44

Instrument :

BNA_F

ClientSampleId :

DSN001

Tot Ion: 77 Resp: 15749

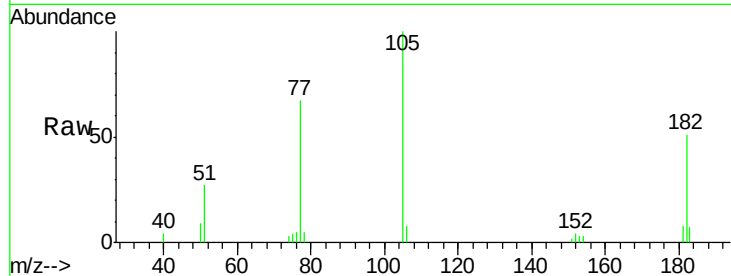
Ion Ratio Lower Upper

77 100

182 76.7 3.7 43.7#

105 150.0 2.7 42.7#

51 40.5 11.8 51.8

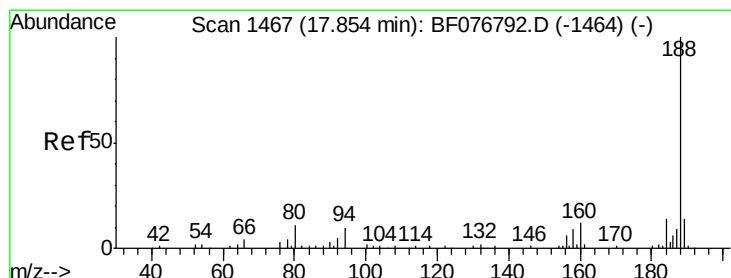
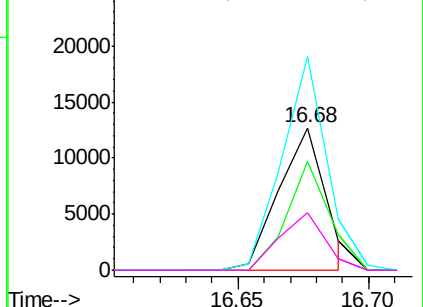
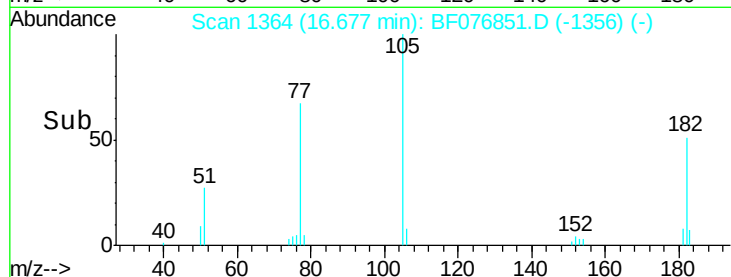


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.82 min Scan# 1464

Delta R.T. -0.03 min

Lab File: BF076851.D

Acq: 13 Jan 2015 19:44

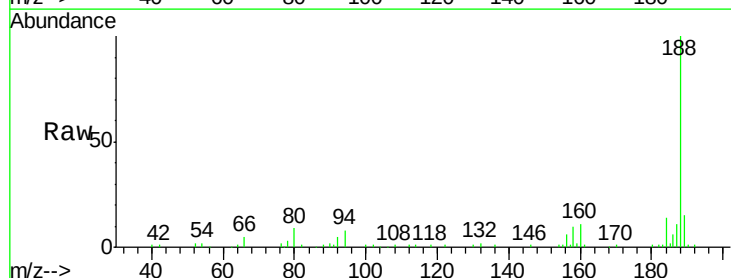
Tgt Ion: 188 Resp: 103742

Ion Ratio Lower Upper

188 100

94 8.0 7.8 11.6

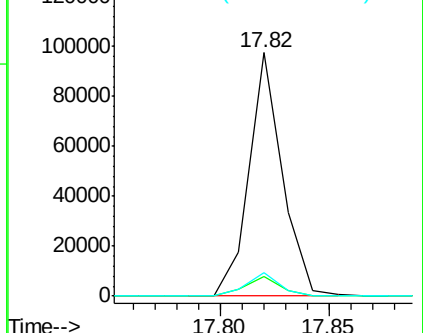
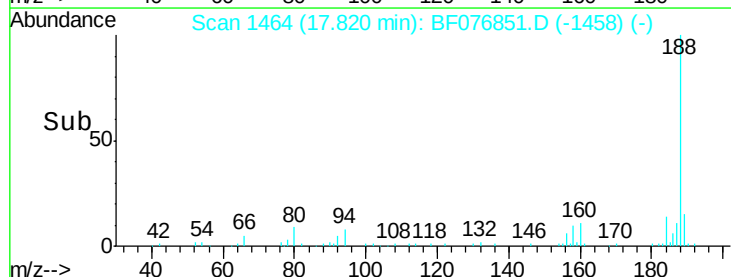
80 9.5 8.6 13.0

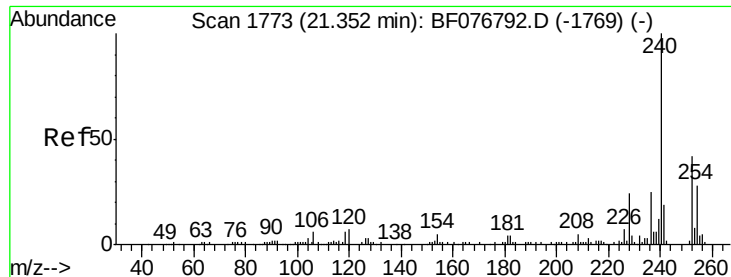


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.31 min Scan# 1769

Delta R.T. -0.05 min

Lab File: BF076851.D

Acq: 13 Jan 2015 19:44

Instrument :

BNA_F

ClientSampleId :

DSN001

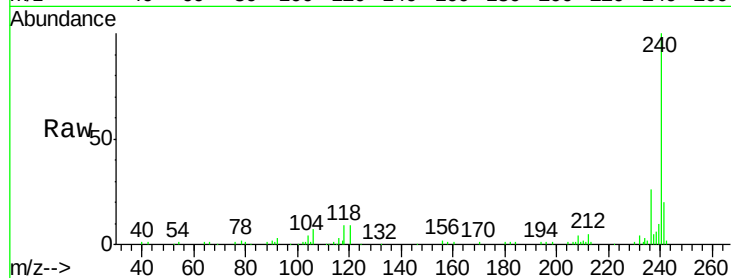
Tot Ion:240 Resp: 100454

Ion Ratio Lower Upper

240 100

120 9.5 5.7 8.5#

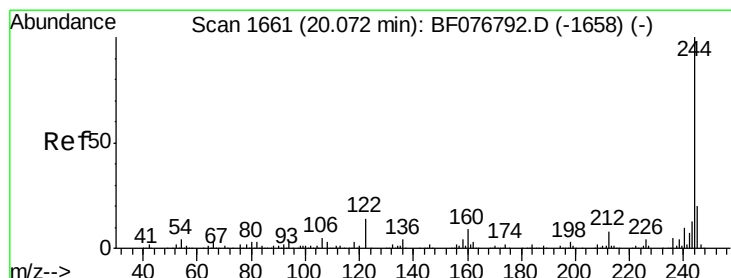
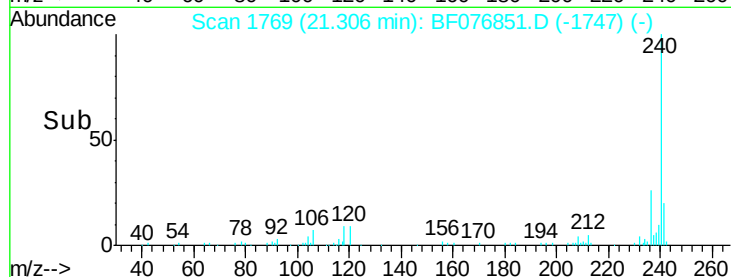
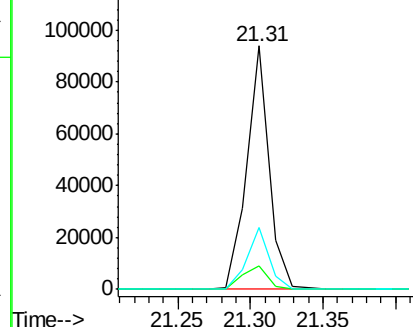
236 25.5 19.7 29.5



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: 91.43 ng

RT: 20.04 min Scan# 1658

Delta R.T. -0.03 min

Lab File: BF076851.D

Acq: 13 Jan 2015 19:44

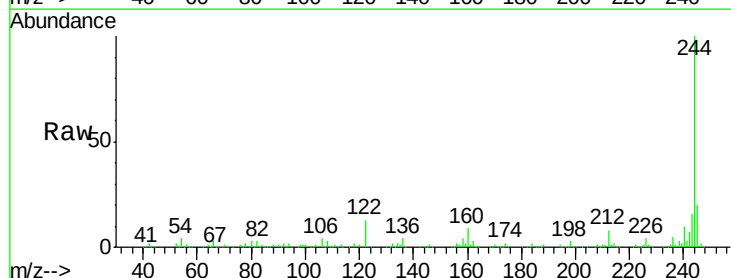
Tgt Ion:244 Resp: 418326

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

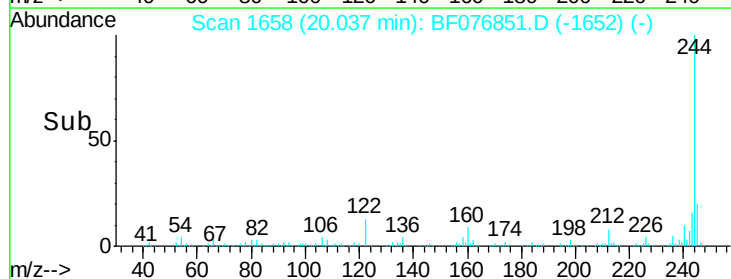
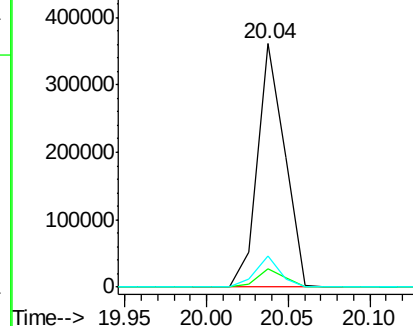
122 12.7 11.3 16.9

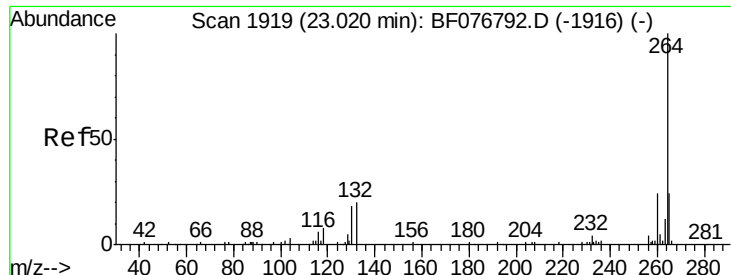


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

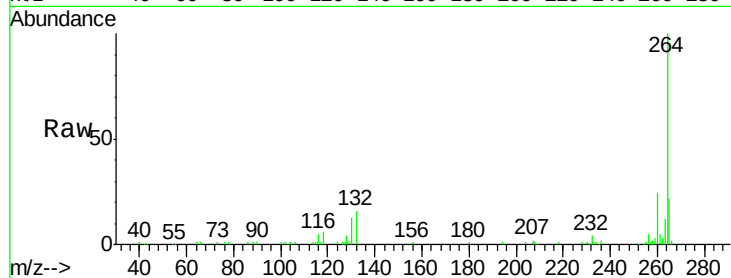




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.04 min Scan# 1921
Delta R.T. 0.02 min
Lab File: BF076851.D
Acq: 13 Jan 2015 19:44

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.9	18.9	28.3



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

