

Data Path : Z:\HPCHEM1\BNA F\Data\BF011415\
 Data File : BF076866.D
 Acq On : 14 Jan 2015 18:52
 Operator : IZ / TP
 Sample : G1072-01
 Misc : W DOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-046-11215

Quant Time: Jan 15 00:09:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 14 23:27:58 2015
 Response via : Initial Calibration

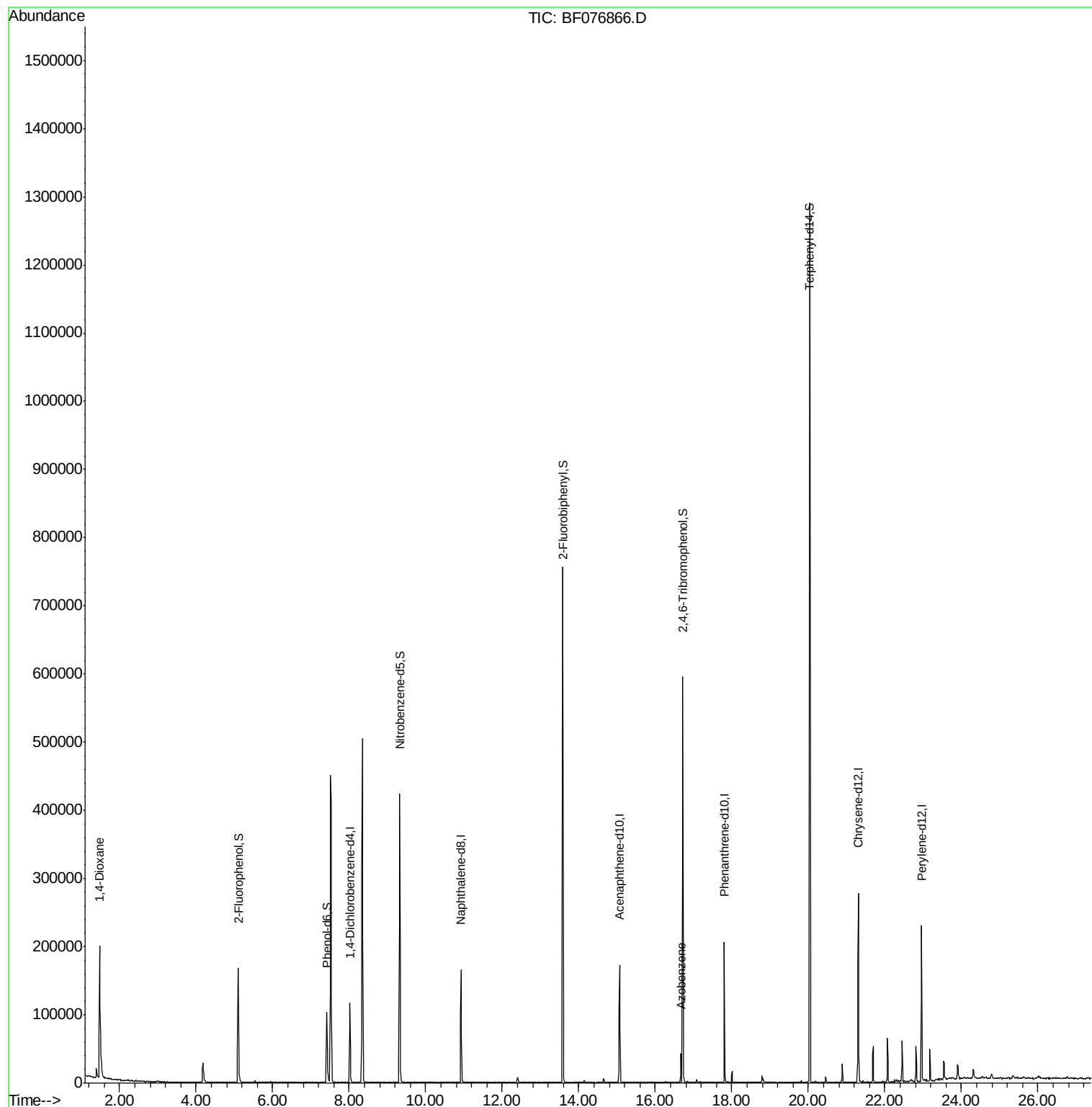
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30922	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	122863	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	66287	20.00	ng	-0.01
63) Phenanthrene-d10	17.81	188	111749	20.00	ng	-0.01
75) Chrysene-d12	21.31	240	111995	20.00	ng	0.00
86) Perylene-d12	22.96	264	104250	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	100618	53.50	ng	0.01
7) Phenol-d6	7.42	99	72645	30.62	ng	0.00
23) Nitrobenzene-d5	9.32	82	210585	94.96	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	79886	148.47	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	438971	100.78	ng	0.00
78) Terphenyl-d14	20.04	244	439589	90.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.48	88	8841	10.98	ng	# 12
62) Azobenzene	16.67	77	11138	2.25	ng	# 1

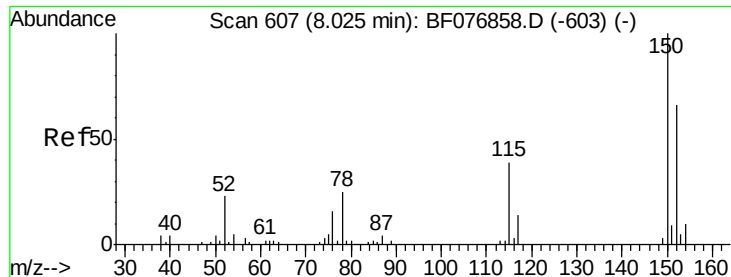
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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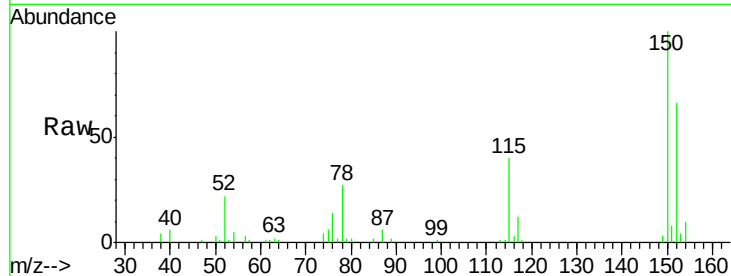


#1

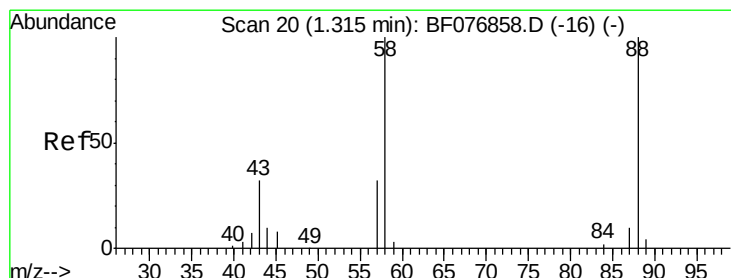
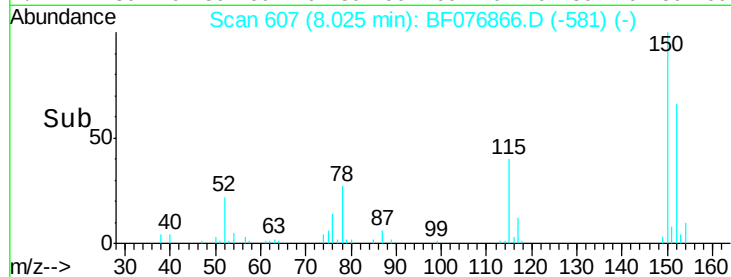
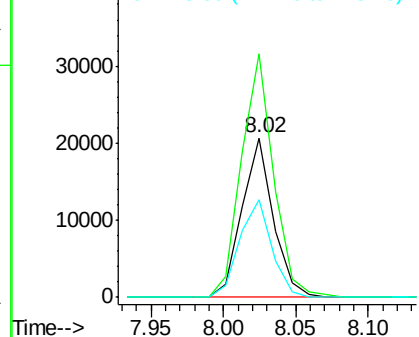
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076866.D
Acq: 14 Jan 2015 18:52

Instrument :
BNA_F
ClientSampleId :
DCW-WW-046-11215

Tot Ion:152 Resp: 30922
Ion Ratio Lower Upper
152 100
150 152.6 121.7 182.5
115 60.9 47.0 70.6



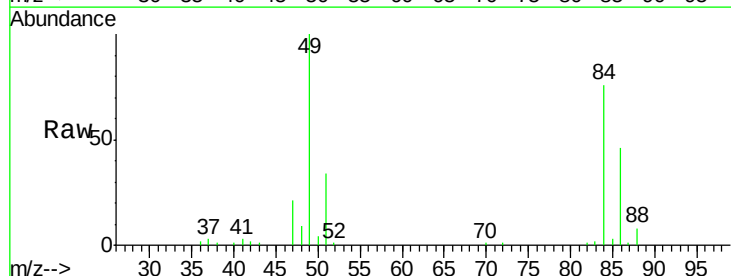
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



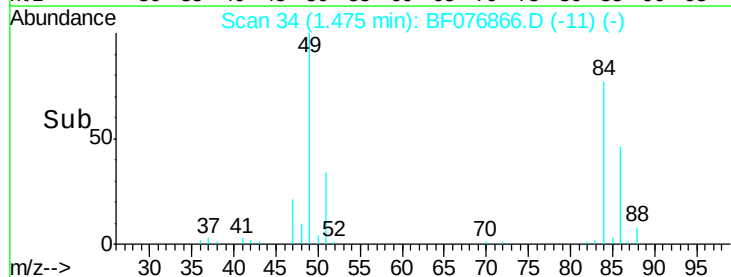
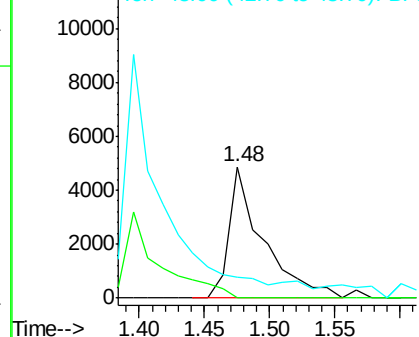
#2

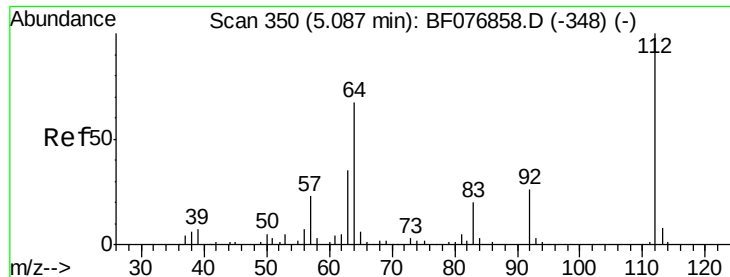
1,4-Dioxane
Concen: 10.98 ng
RT: 1.48 min Scan# 34
Delta R.T. 0.16 min
Lab File: BF076866.D
Acq: 14 Jan 2015 18:52

Tgt Ion: 88 Resp: 8841
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#



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: 53.50 ng

RT: 5.10 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

Instrument :

BNA_F

ClientSampleId :

DCW-WW-046-11215

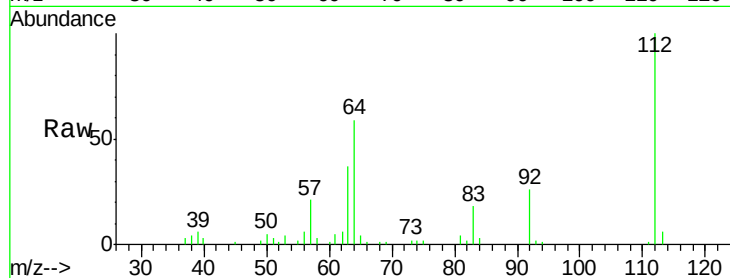
Tot Ion:112 Resp: 100618

Ion Ratio Lower Upper

112 100

64 59.5 54.2 81.4

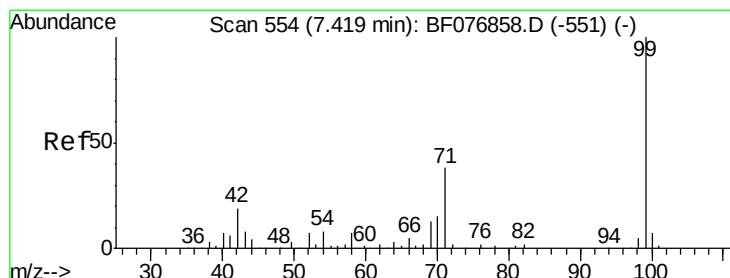
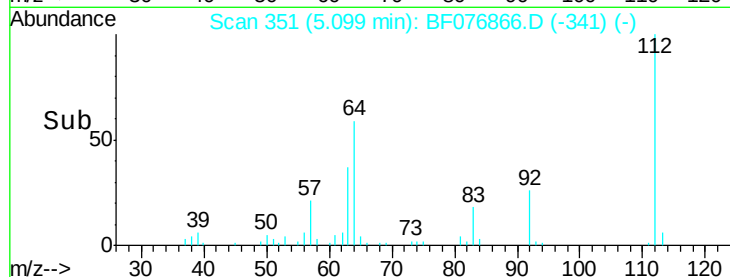
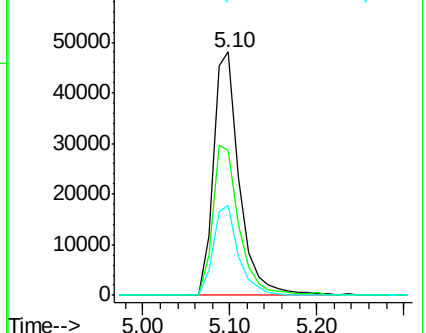
63 37.1 28.4 42.6



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: 30.62 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

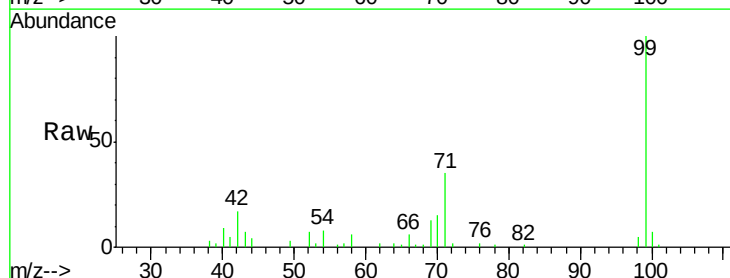
Tgt Ion: 99 Resp: 72645

Ion Ratio Lower Upper

99 100

42 17.2 15.0 22.4

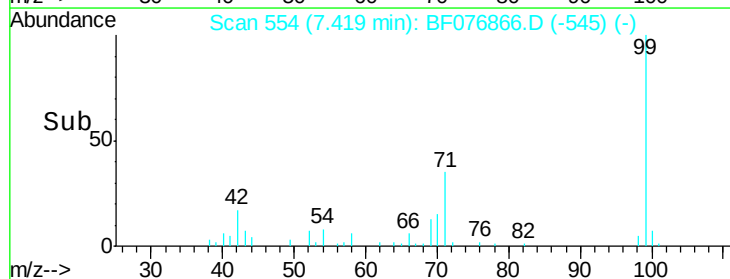
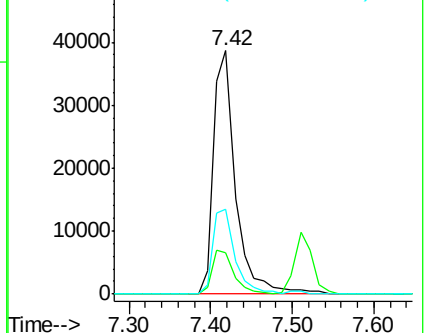
71 34.6 30.5 45.7

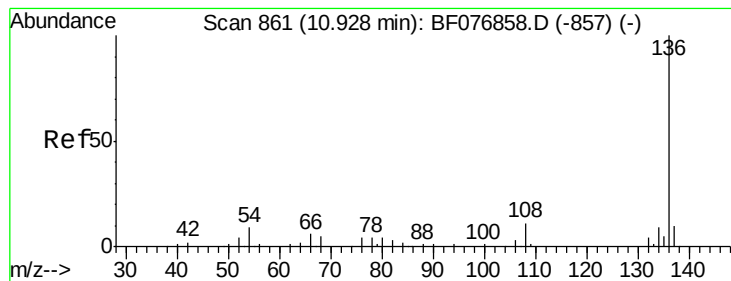


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 10.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

Instrument :

BNA_F

ClientSampleId :

DCW-WW-046-11215

Tot Ion:136 Resp: 122863

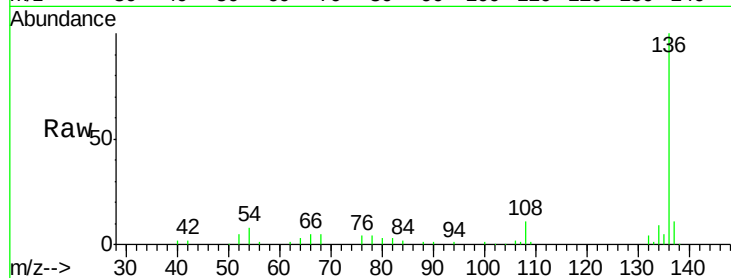
Ion Ratio Lower Upper

136 100

137 11.4 8.1 12.1

54 8.0 7.0 10.4

68 4.7 3.7 5.5

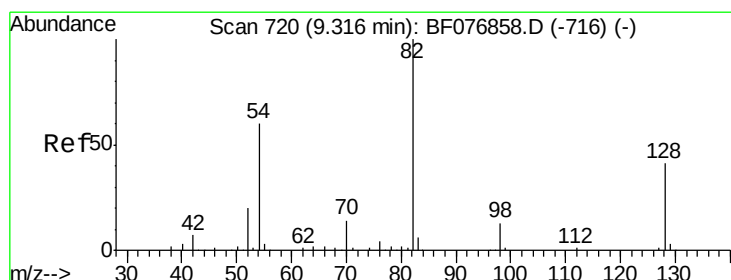
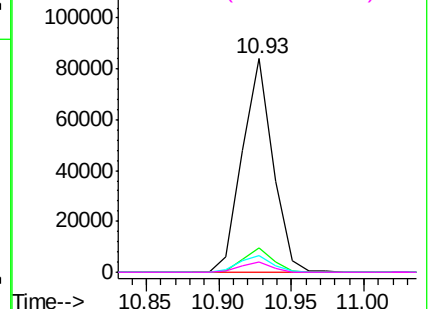
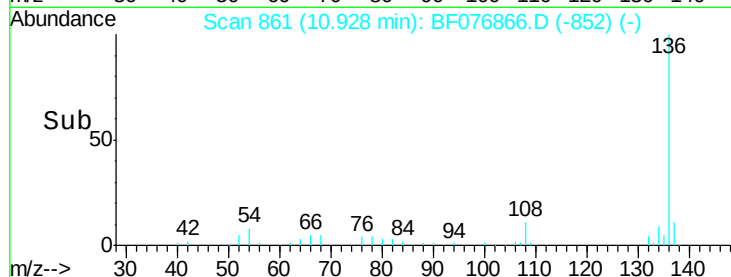


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.96 ng

RT: 9.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

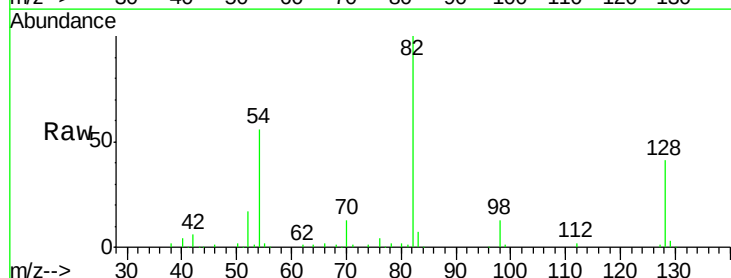
Tgt Ion: 82 Resp: 210585

Ion Ratio Lower Upper

82 100

128 40.9 33.1 49.7

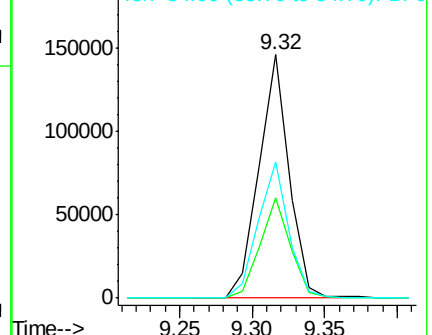
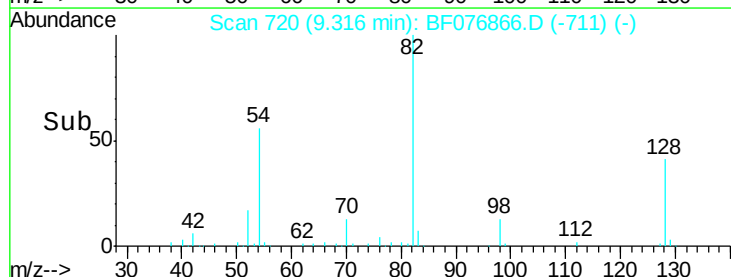
54 55.9 48.3 72.5

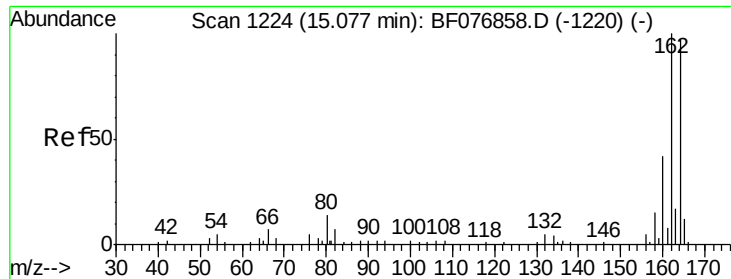


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 15.07 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

Instrument :

BNA_F

ClientSampleId :

DCW-WW-046-11215

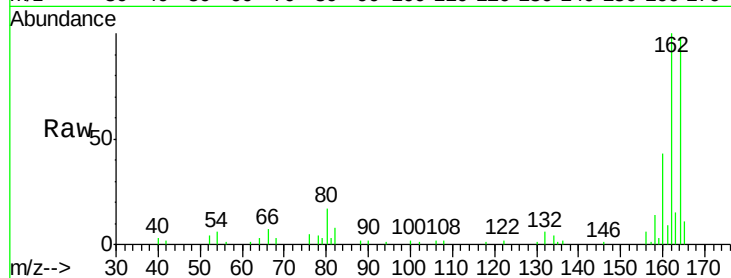
Tot Ion:164 Resp: 66287

Ion Ratio Lower Upper

164 100

162 101.8 82.4 123.6

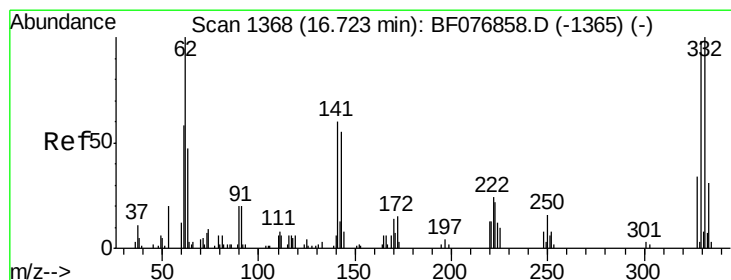
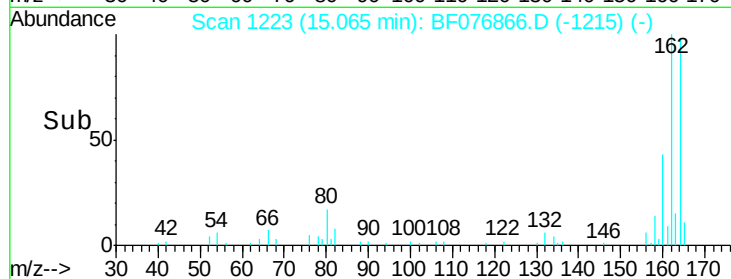
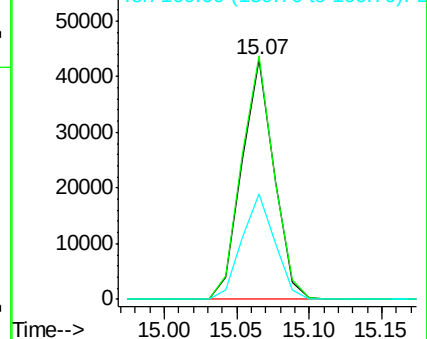
160 44.0 34.8 52.2



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: 148.47 ng

RT: 16.72 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

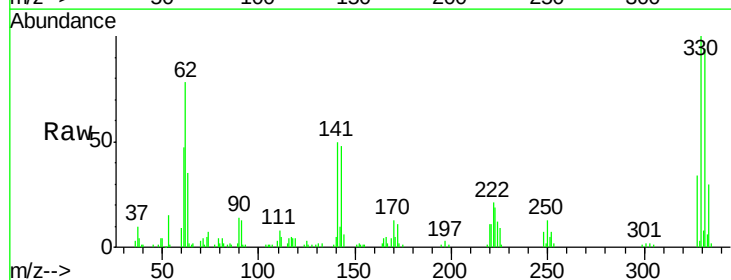
Tgt Ion:330 Resp: 79886

Ion Ratio Lower Upper

330 100

332 94.0 77.8 116.6

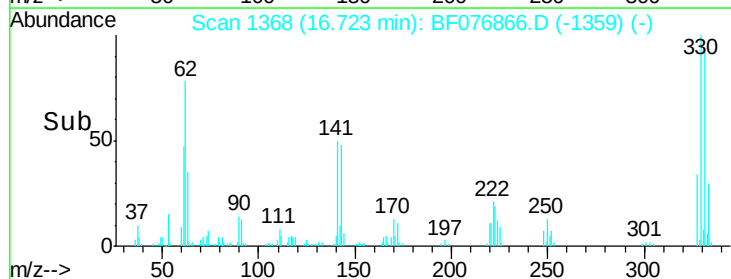
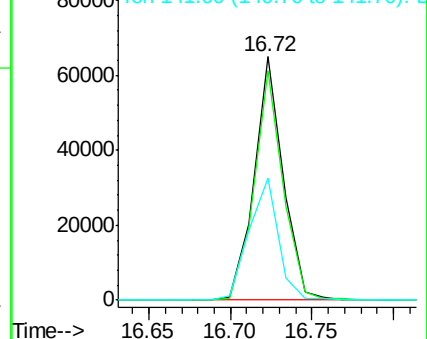
141 50.8 38.5 57.7

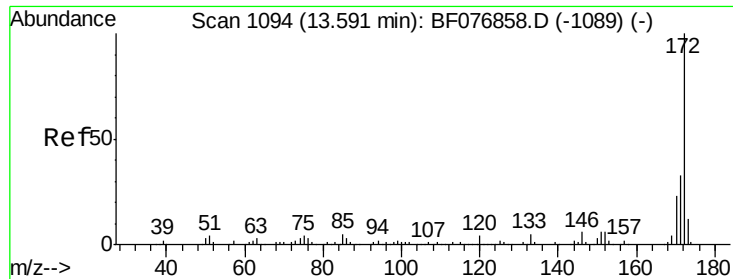


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

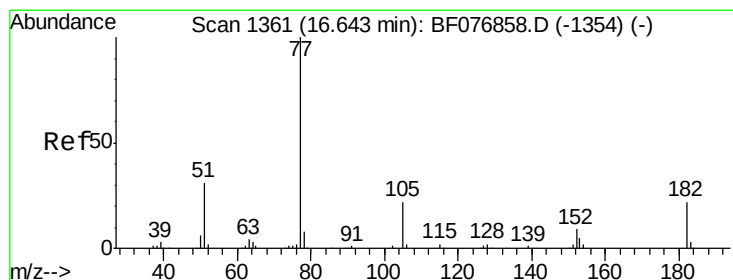
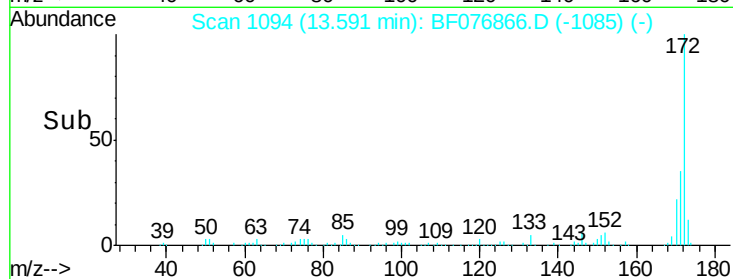
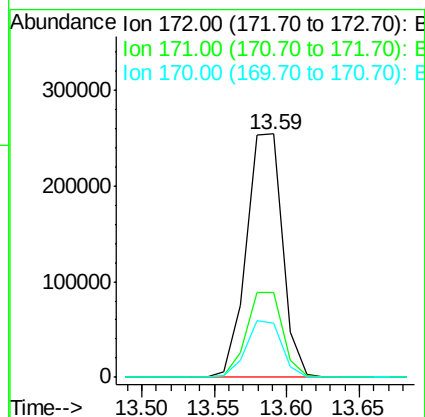
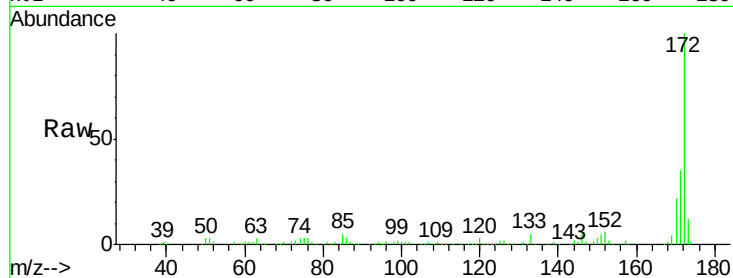




#44
 2-Fluorobiphenyl
 Concen: 100.78 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076866.D
 Acq: 14 Jan 2015 18:52

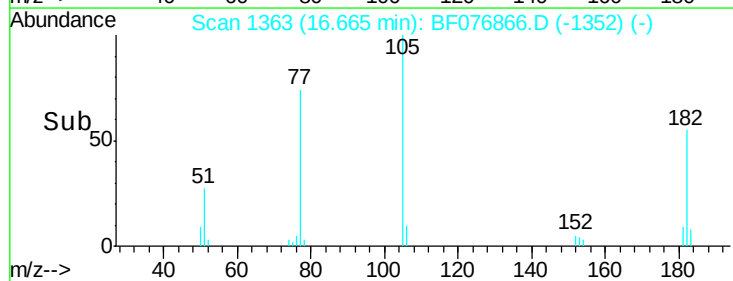
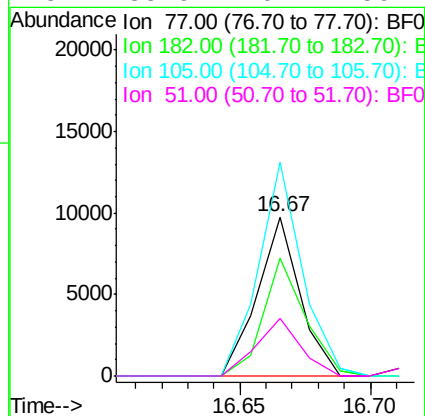
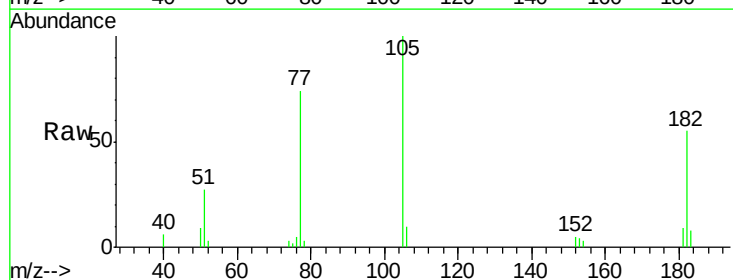
Instrument :
 BNA_F
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 DCW-WW-046-11215

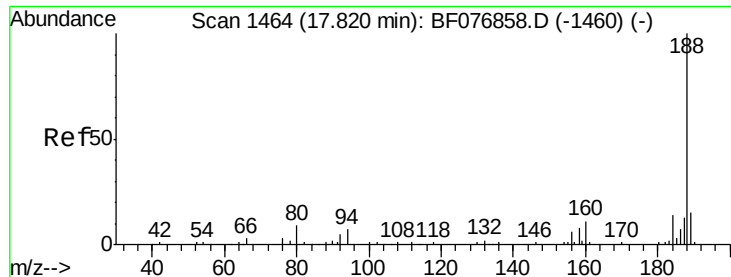
Tot Ion:172 Resp: 438971
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.6 40.0
 170 22.4 18.0 27.0



#62
 Azobenzene
 Concen: 2.25 ng
 RT: 16.67 min Scan# 1363
 Delta R.T. 0.02 min
 Lab File: BF076866.D
 Acq: 14 Jan 2015 18:52

Tgt Ion: 77 Resp: 11138
 Ion Ratio Lower Upper
 77 100
 182 74.6 2.0 42.0#
 105 134.6 2.3 42.3#
 51 35.9 10.7 50.7

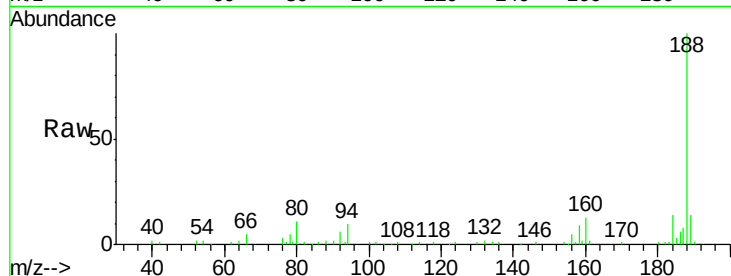




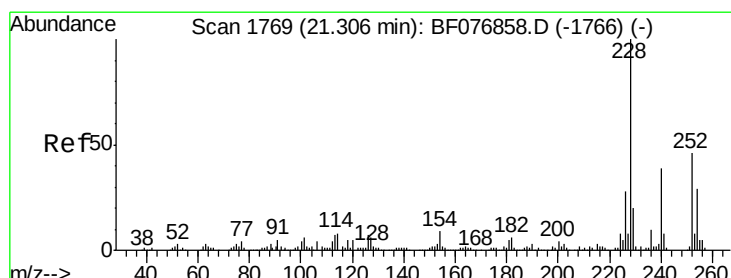
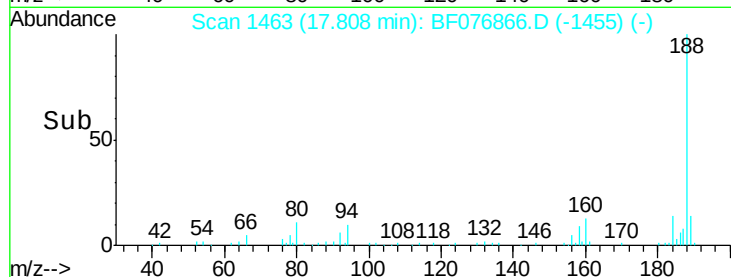
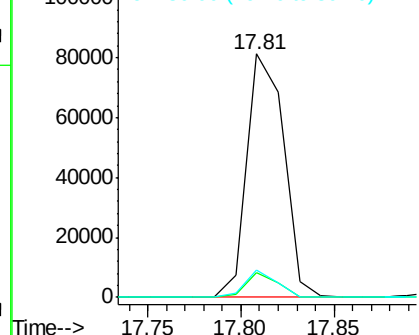
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF076866.D
Acq: 14 Jan 2015 18:52

Instrument :
BNA_F
ClientSampleId :
DCW-WW-046-11215

Tot Ion:188 Resp: 111749
Ion Ratio Lower Upper
188 100
94 10.2 6.0 9.0#
80 11.0 6.9 10.3#

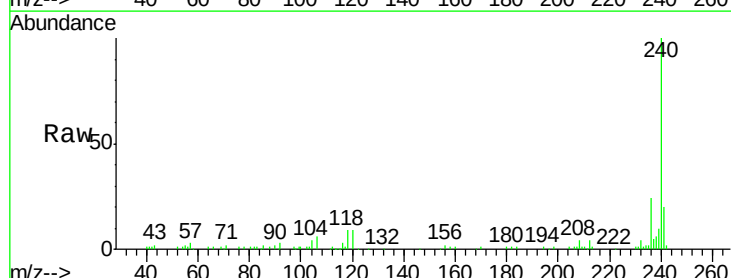


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

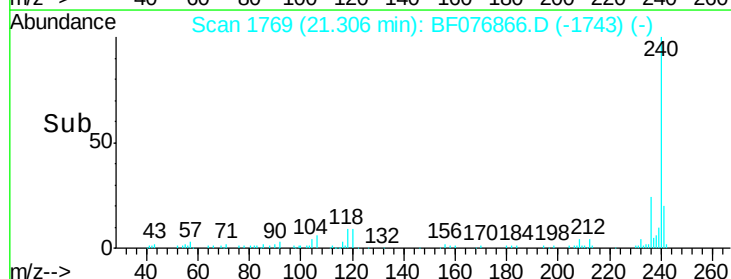
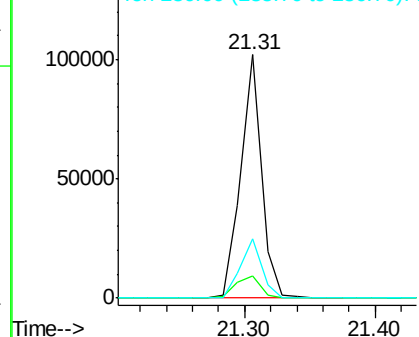


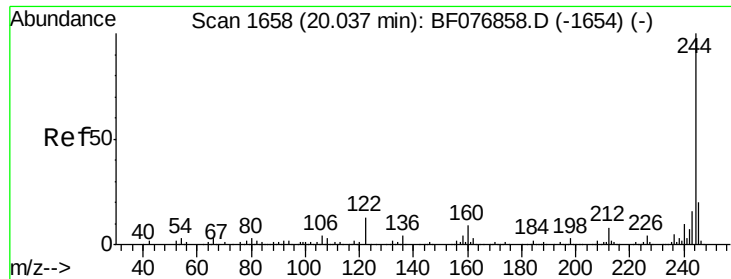
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076866.D
Acq: 14 Jan 2015 18:52

Tgt Ion:240 Resp: 111995
Ion Ratio Lower Upper
240 100
120 9.3 10.4 15.6#
236 24.4 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





#78

Terphenyl-d14

Concen: 90.36 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

Instrument :

BNA_F

ClientSampleId :

DCW-WW-046-11215

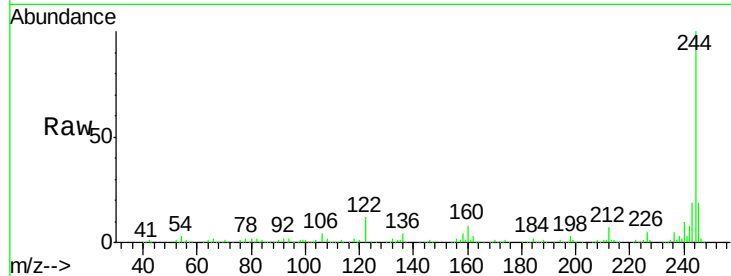
Tot Ion:244 Resp: 439589

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

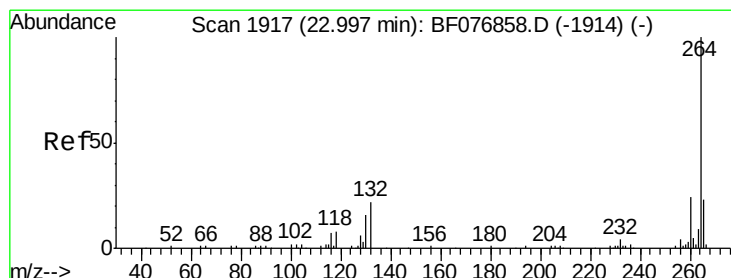
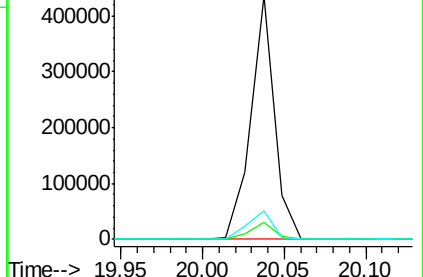
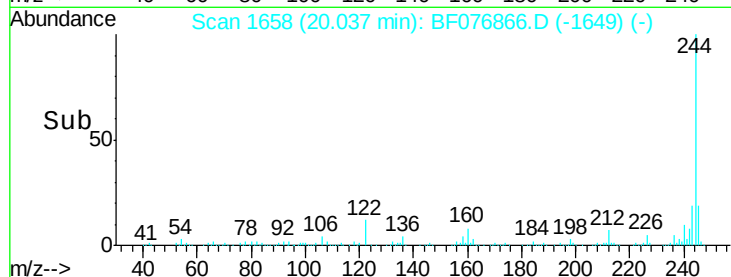
122 11.7 10.1 15.1



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: 22.96 min Scan# 1914

Delta R.T. -0.03 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

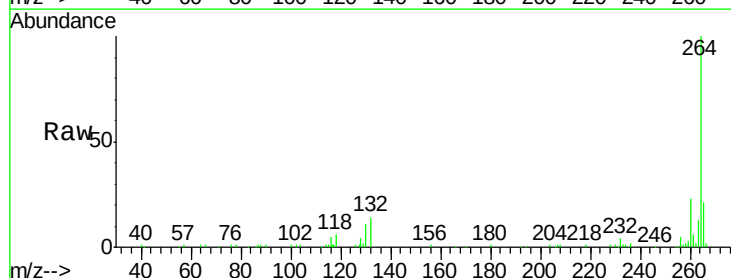
Tgt Ion:264 Resp: 104250

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.2 18.1 27.1



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

