

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084011.D
 Acq On : 23 Dec 2015 1:57
 Operator : UM/SJ
 Sample : G4916-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP223BRV93

Quant Time: Dec 23 03:21:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

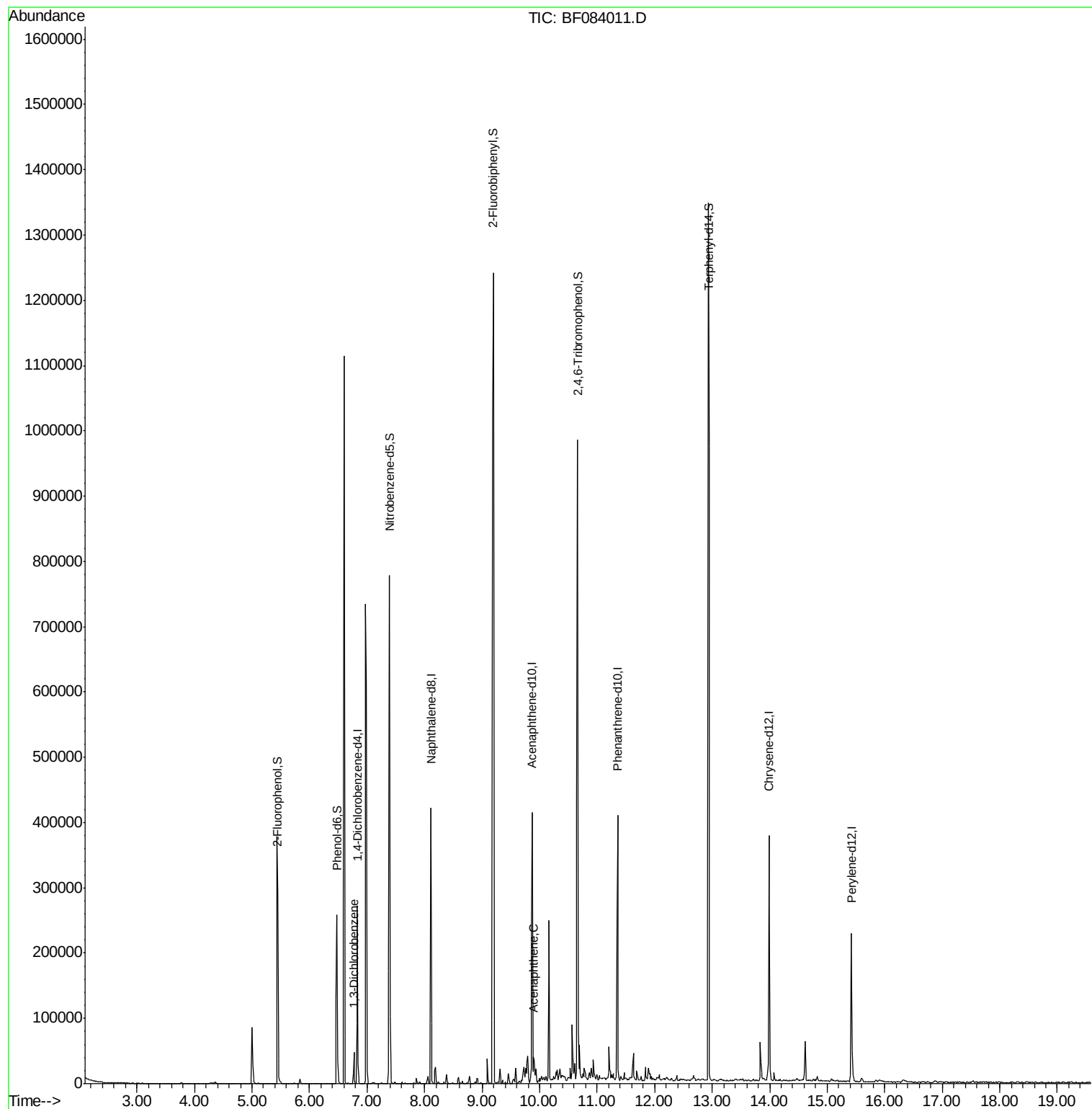
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	46498	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	189536	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	94362	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	181592	20.00	ng	0.00
75) Chrysene-d12	13.99	240	167346	20.00	ng	-0.01
86) Perylene-d12	15.43	264	130267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	154840	56.78	ng	0.01
7) Phenol-d6	6.48	99	115306	35.96	ng	0.00
23) Nitrobenzene-d5	7.39	82	249845	80.98	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	124101	136.73	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	565310	80.63	ng	0.00
78) Terphenyl-d14	12.93	244	565907	80.65	ng	0.00
Target Compounds						
12) 1,3-Dichlorobenzene	6.77	146	14017	4.02	ng	Qvalue 100
51) Acenaphthene	9.89	154	12663	2.24	ng	98

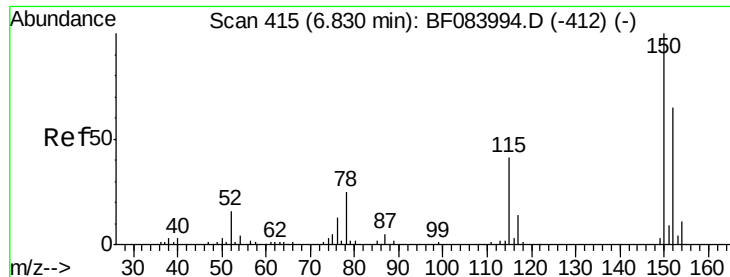
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 18:54:09 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084011.D

Acq: 23 Dec 2015 1:57

Instrument :

BNA_F

ClientSampleId :

20151214MGP223BRV93

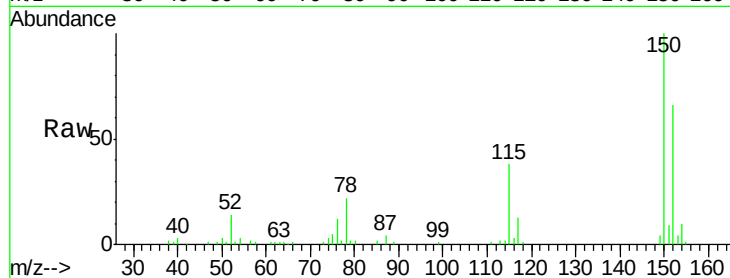
Tot Ion:152 Resp: 46498

Ion Ratio Lower Upper

152 100

150 152.3 123.0 184.4

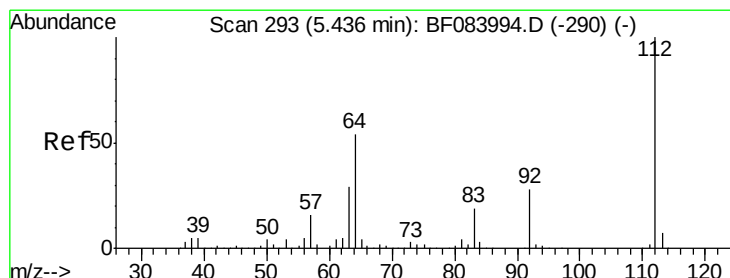
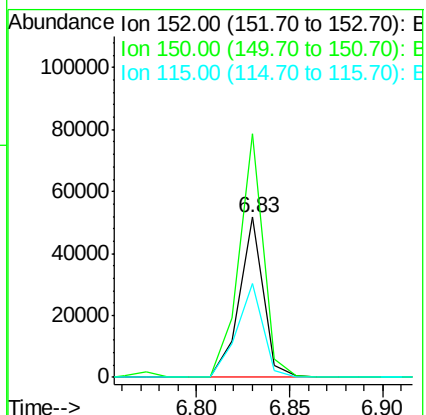
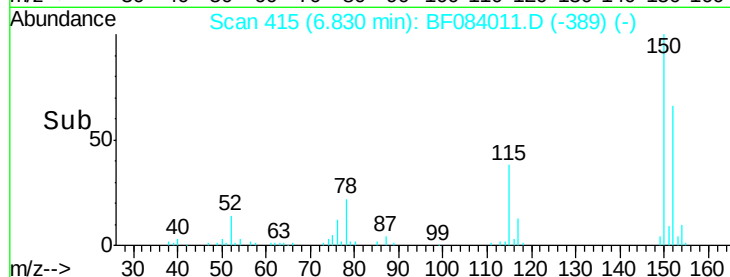
115 58.3 51.4 77.2



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



#5

2-Fluorophenol

Concen: 56.78 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084011.D

Acq: 23 Dec 2015 1:57

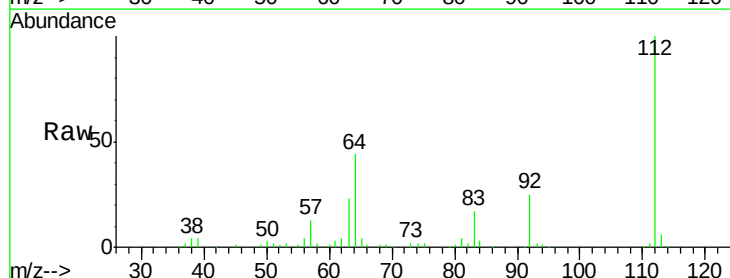
Tgt Ion:112 Resp: 154840

Ion Ratio Lower Upper

112 100

64 43.9 36.6 55.0

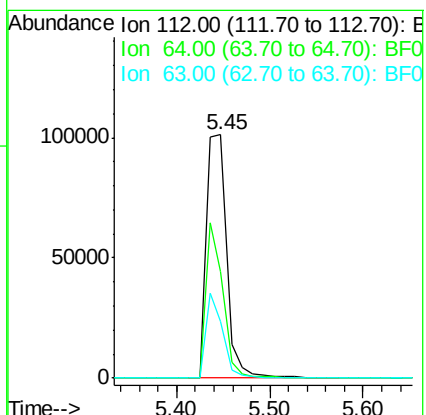
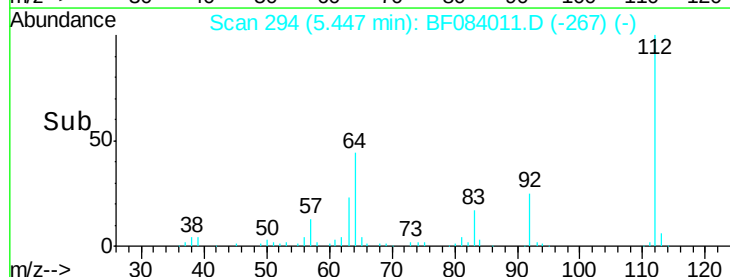
63 23.1 19.4 29.0

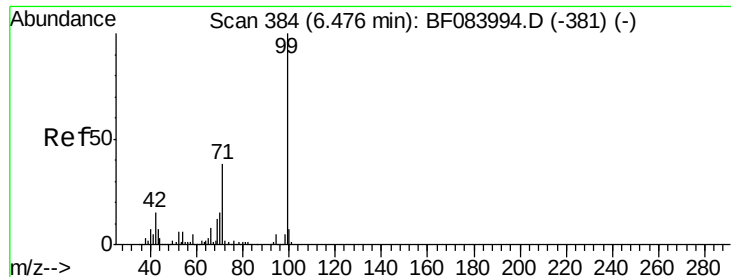


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.96 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084011.D

Acq: 23 Dec 2015 1:57

Instrument :

BNA_F

ClientSampleId :

20151214MGP223BRV93

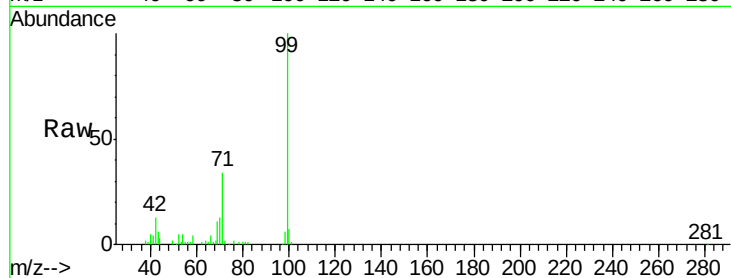
Tot Ion: 99 Resp: 115306

Ion Ratio Lower Upper

99 100

42 12.5 12.8 19.2#

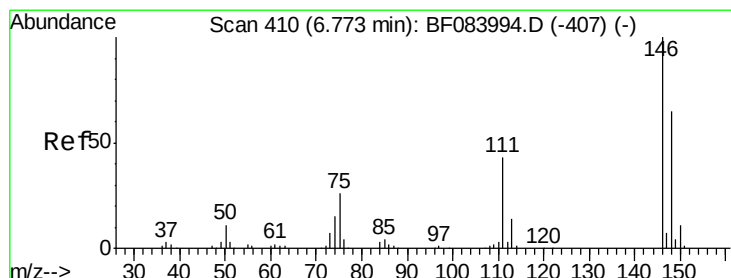
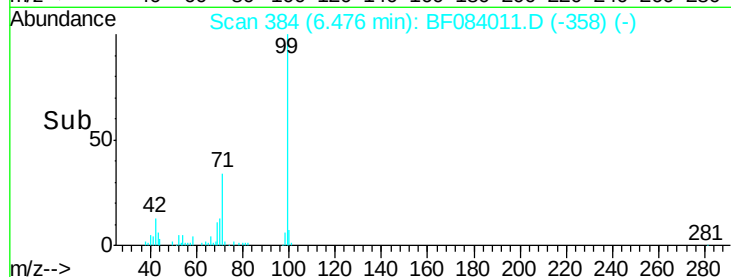
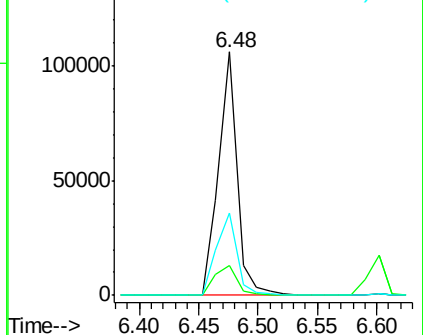
71 33.9 30.9 46.3



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



#12

1,3-Dichlorobenzene

Concen: 4.02 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF084011.D

Acq: 23 Dec 2015 1:57

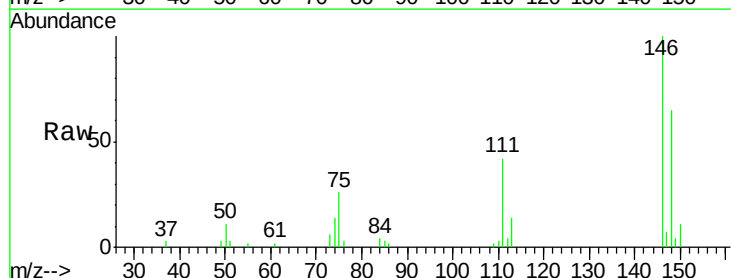
Tgt Ion: 146 Resp: 14017

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

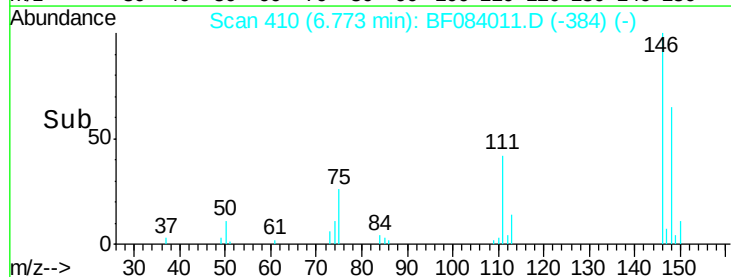
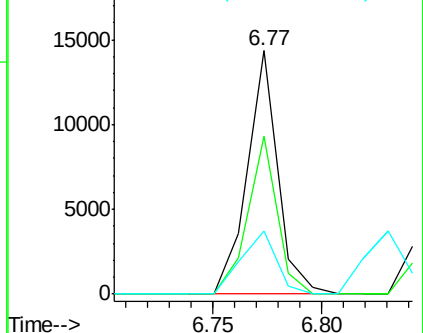
75 26.1 20.5 30.7

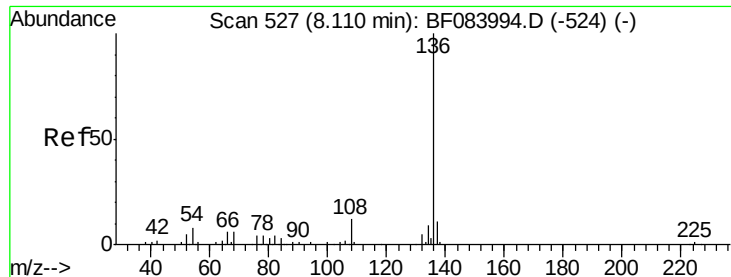


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084011.D

Acq: 23 Dec 2015 1:57

Instrument :

BNA_F

ClientSampleId :

20151214MGP223BRV93

Tot Ion:136 Resp: 189536

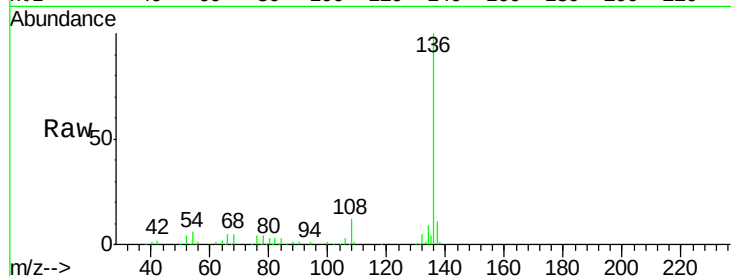
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.4 5.8 8.8

68 4.5 4.2 6.2

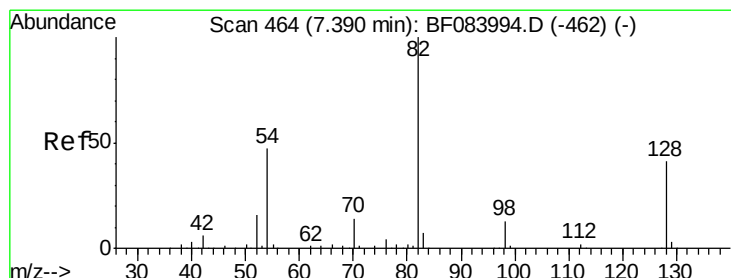
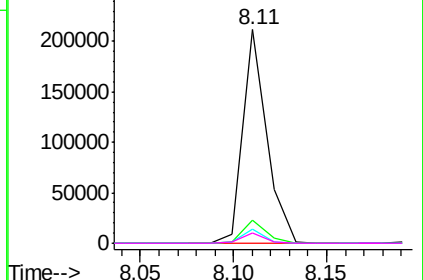
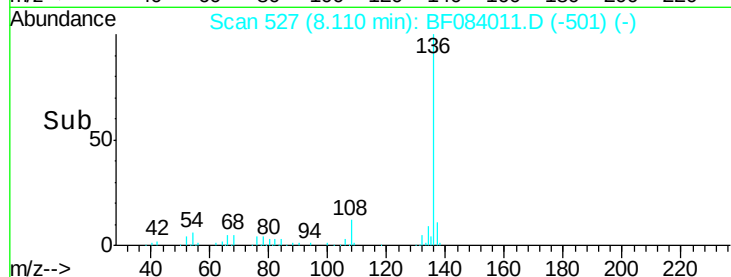


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.98 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084011.D

Acq: 23 Dec 2015 1:57

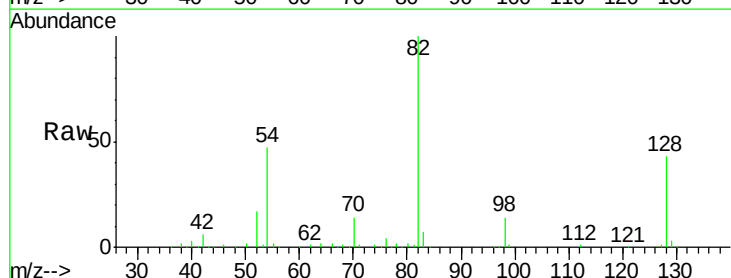
Tgt Ion: 82 Resp: 249845

Ion Ratio Lower Upper

82 100

128 43.4 34.6 51.8

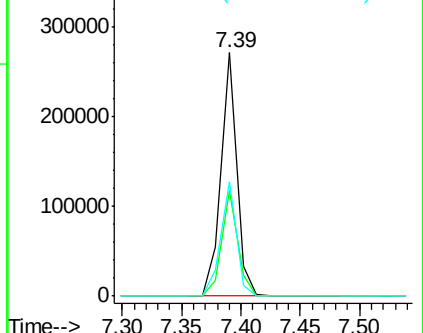
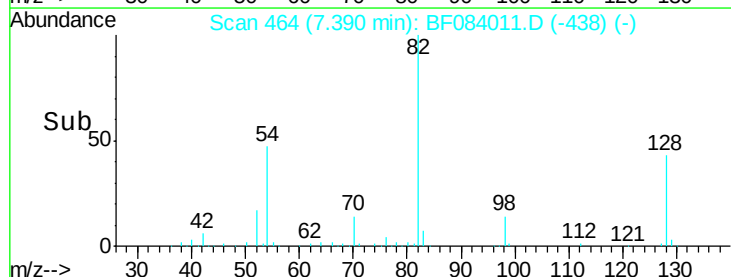
54 47.2 38.4 57.6

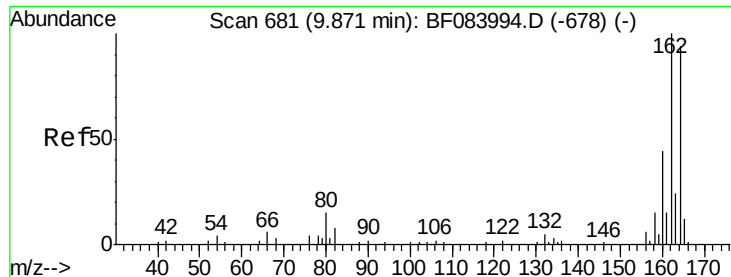


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

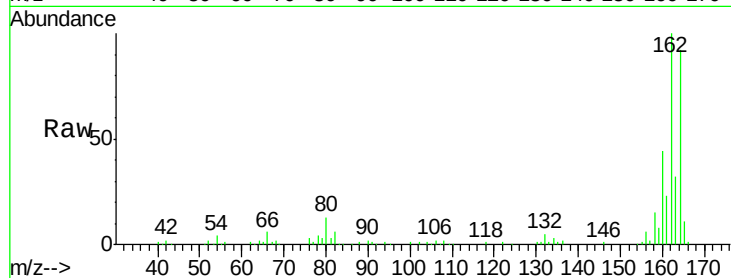




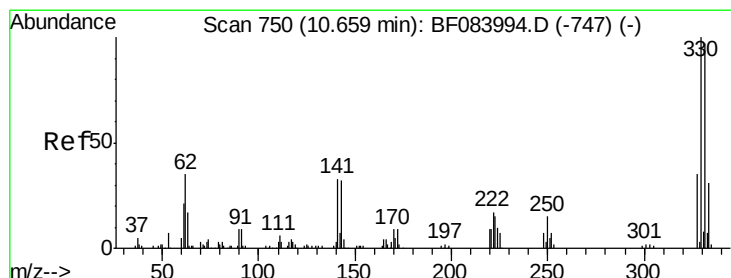
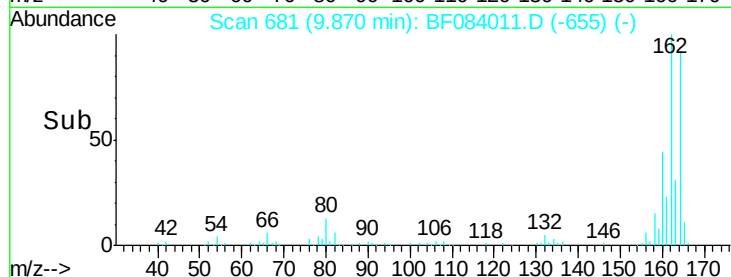
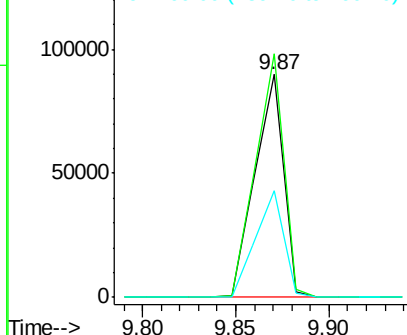
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084011.D
Acq: 23 Dec 2015 1:57

Instrument :
BNA_F
ClientSampleId :
20151214MGP223BRV93

Tot Ion:164 Resp: 94362
Ion Ratio Lower Upper
164 100
162 109.2 85.1 127.7
160 47.6 37.5 56.3

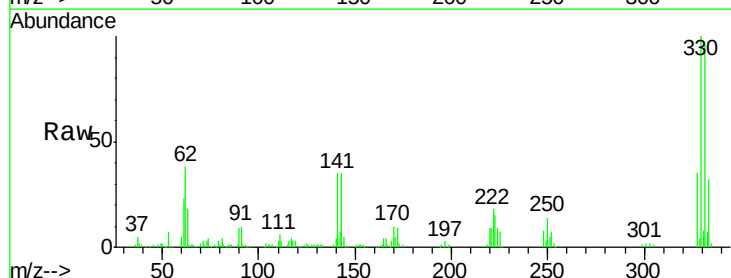


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

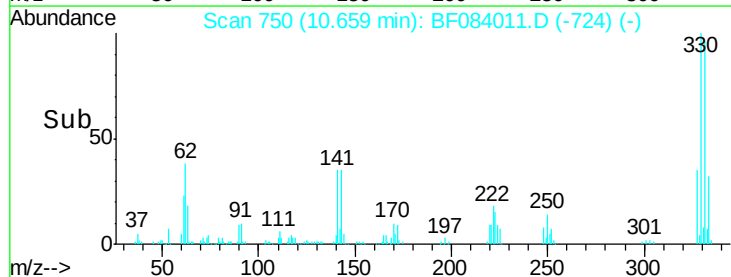
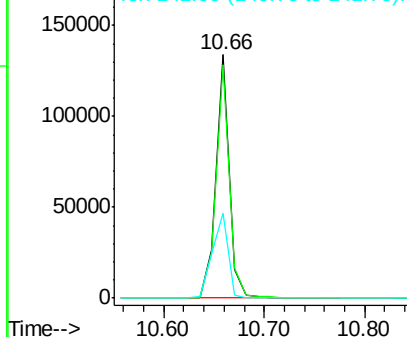


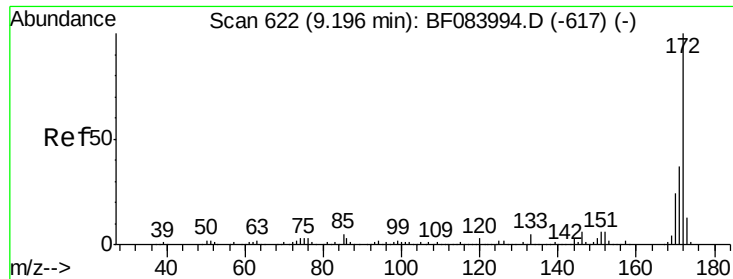
#41
2,4,6-Tribromophenol
Concen: 136.73 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084011.D
Acq: 23 Dec 2015 1:57

Tgt Ion:330 Resp: 124101
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 41.6 27.8 41.6



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

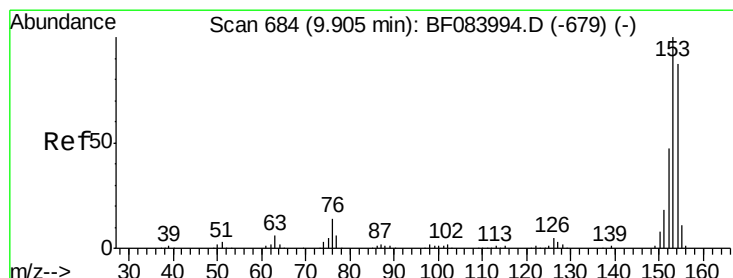
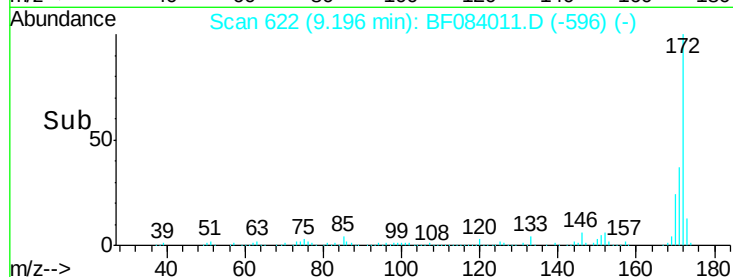
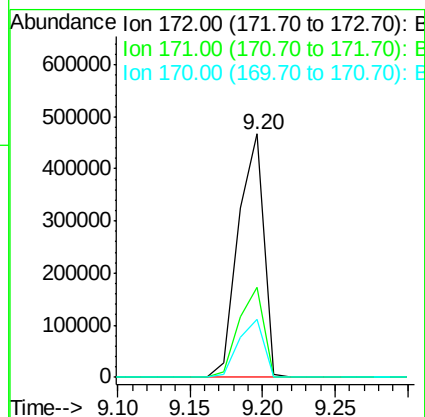
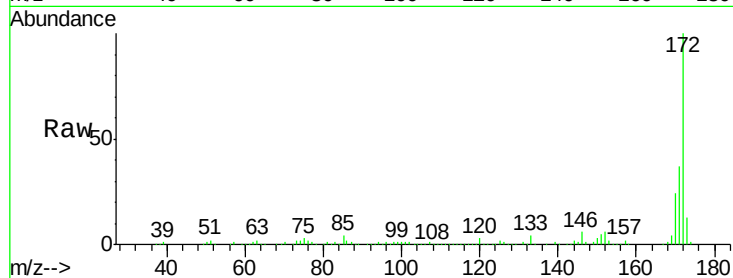




#44
2-Fluorobiphenyl
Concen: 80.63 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084011.D
Acq: 23 Dec 2015 1:57

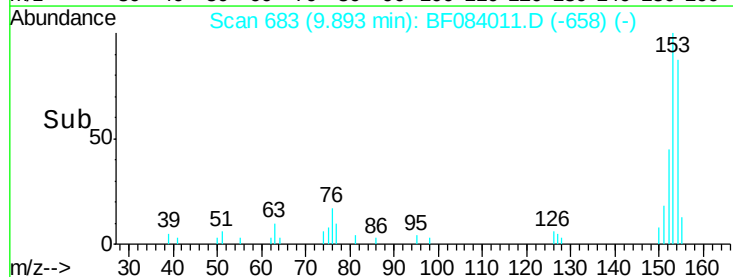
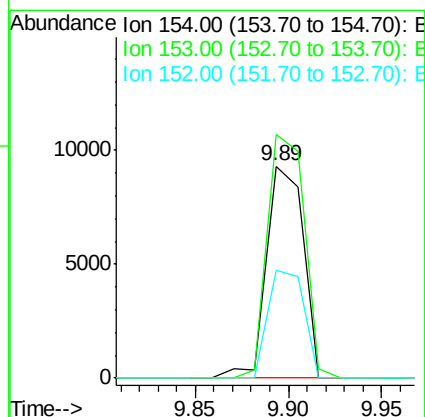
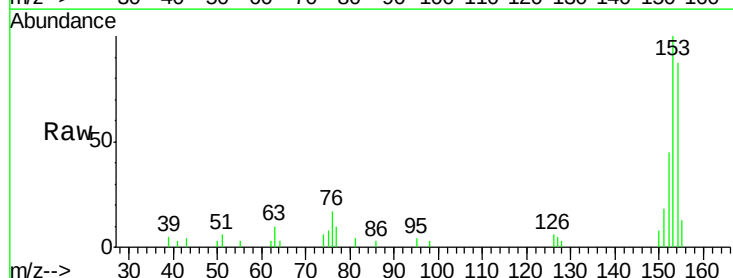
Instrument :
BNA_F
ClientSampleId :
20151214MGP223BRV93

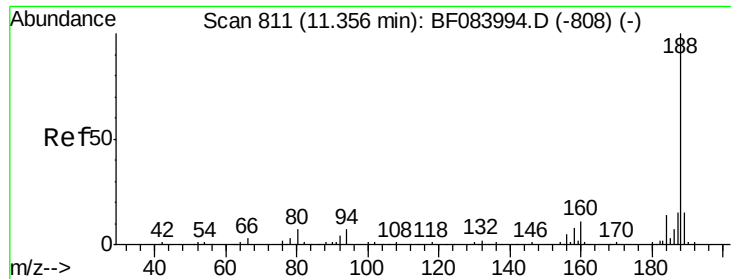
Tot Ion:172 Resp: 565310
Ion Ratio Lower Upper
172 100
171 36.9 28.9 43.3
170 24.0 18.6 27.8



#51
Acenaphthene
Concen: 2.24 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084011.D
Acq: 23 Dec 2015 1:57

Tgt Ion:154 Resp: 12663
Ion Ratio Lower Upper
154 100
153 115.0 91.5 137.3
152 51.2 43.0 64.6

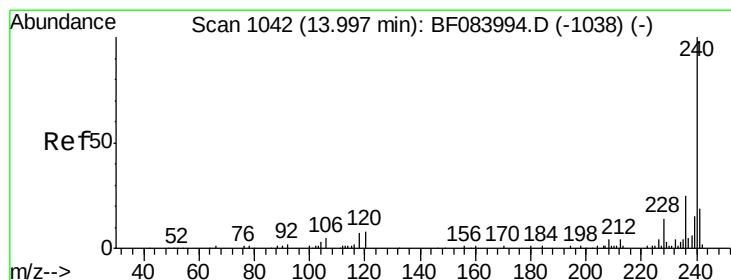
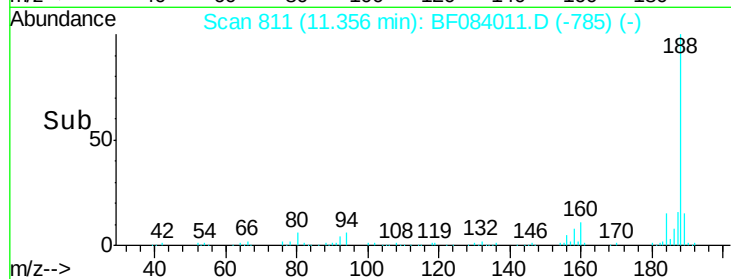
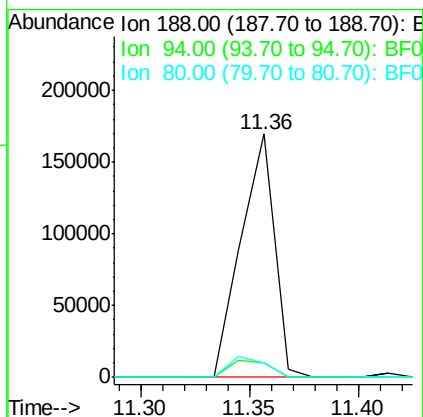
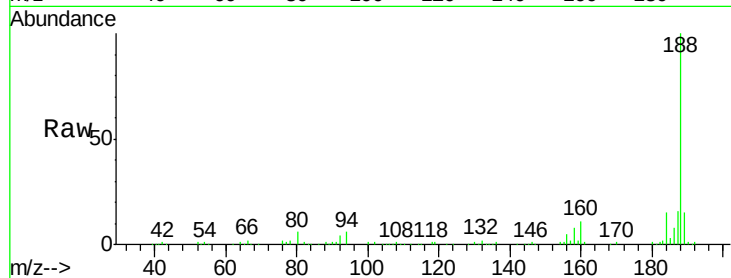




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084011.D
Acq: 23 Dec 2015 1:57

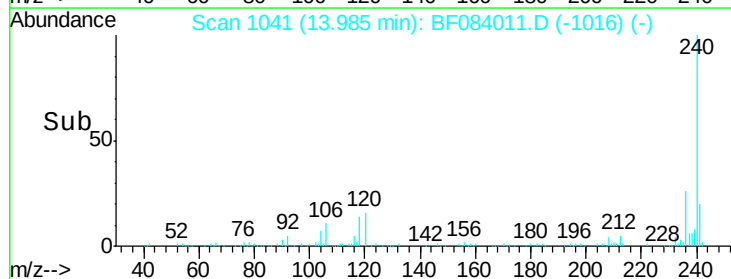
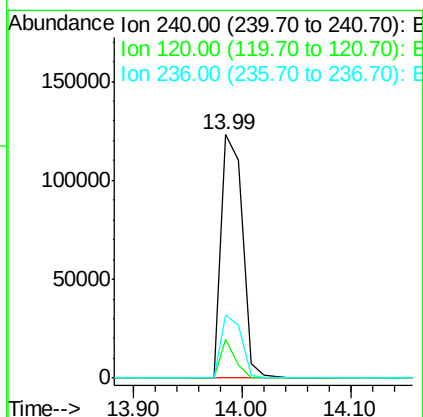
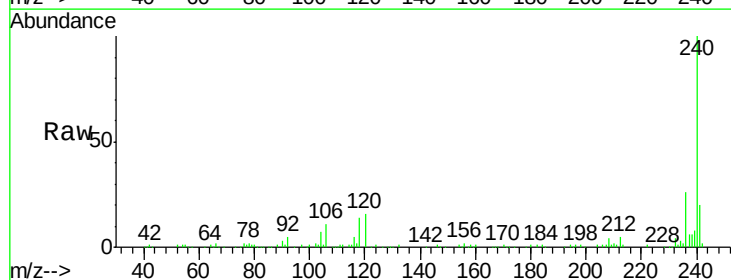
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BNA_F
ClientSampleId :
20151214MGP223BRV93

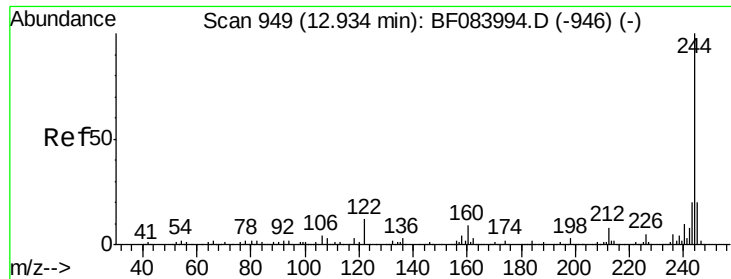
Tot Ion:188 Resp: 181592
Ion Ratio Lower Upper
188 100
94 5.9 9.0 13.4#
80 6.1 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084011.D
Acq: 23 Dec 2015 1:57

Tgt Ion:240 Resp: 167346
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 26.1 20.6 31.0





#78

Terphenyl-d14

Concen: 80.65 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084011.D

Acq: 23 Dec 2015 1:57

Instrument :

BNA_F

ClientSampleId :

20151214MGP223BRV93

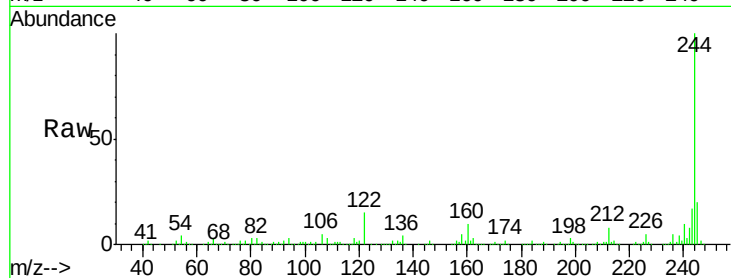
Tot Ion:244 Resp: 565907

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

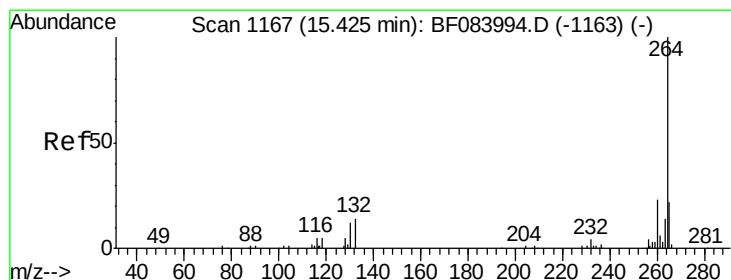
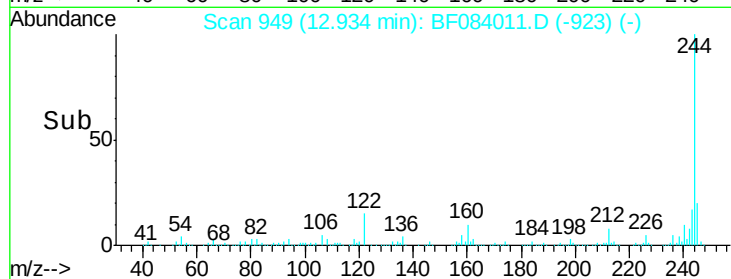
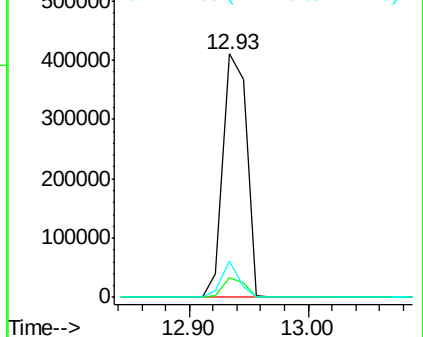
122 14.7 7.4 11.0#



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: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF084011.D

Acq: 23 Dec 2015 1:57

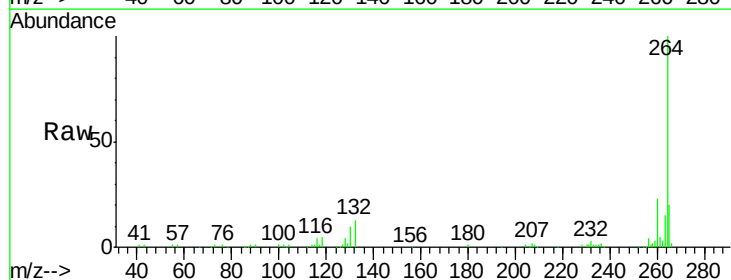
Tgt Ion:264 Resp: 130267

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 20.3 17.8 26.6



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

