

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084880.D
 Acq On : 6 Feb 2016 00:42
 Operator : SJ/IZ
 Sample : H1311-07 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(5-7)

Quant Time: Feb 06 03:50:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

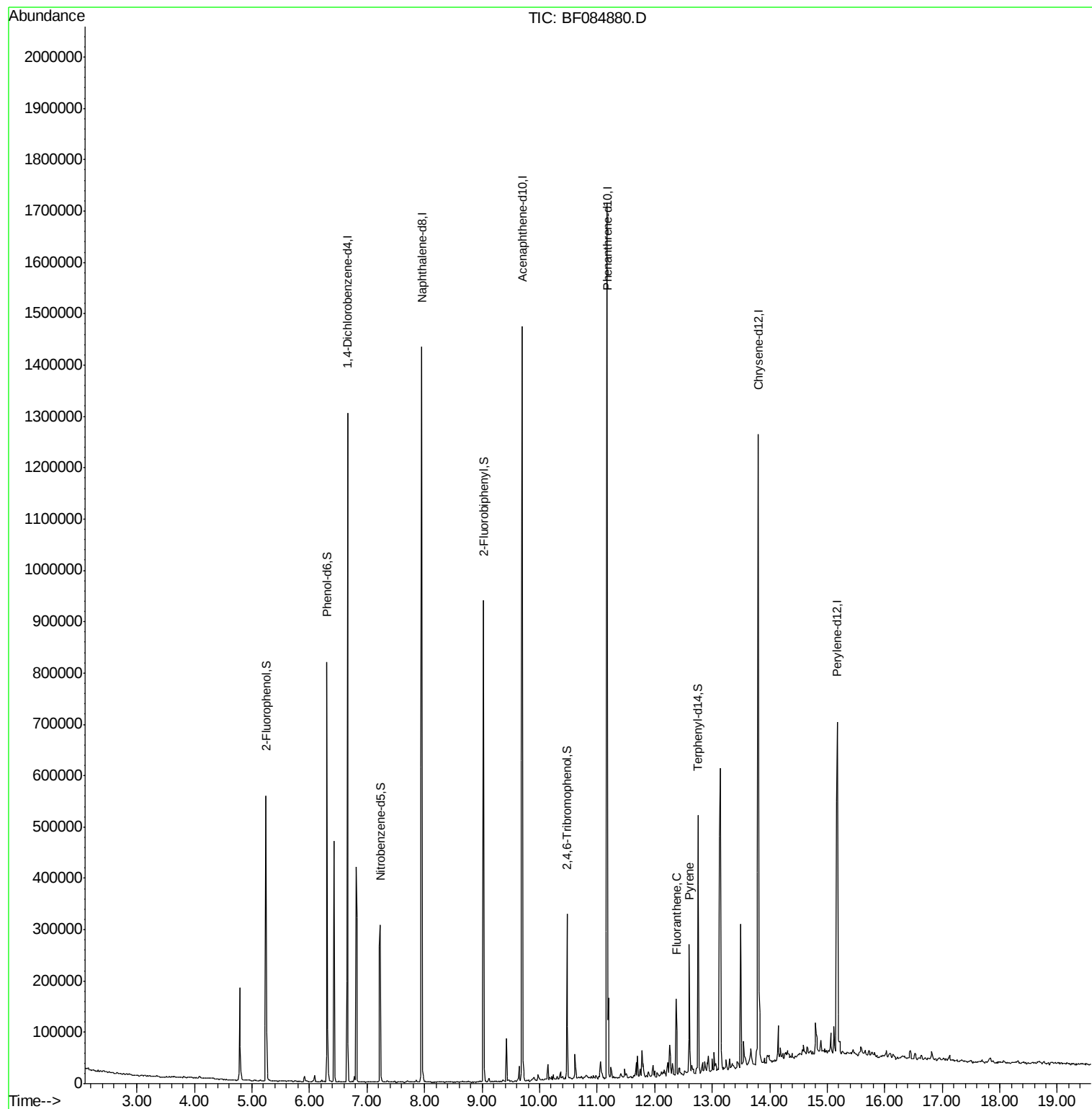
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	176419	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	717272	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	317722	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	574438	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	401332	20.00	ng	-0.03
86) Perylene-d12	15.17	264	321540	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	159699	14.10	ng	-0.03
7) Phenol-d6	6.30	99	246779	17.58	ng	-0.03
23) Nitrobenzene-d5	7.23	82	136911	10.75	ng	-0.03
41) 2,4,6-Tribromophenol	10.48	330	34610	10.44	ng	-0.05
44) 2-Fluorobiphenyl	9.02	172	270163	10.21	ng	-0.03
78) Terphenyl-d14	12.75	244	203169	11.47	ng	-0.05
Target Compounds						Qvalue
74) Fluoranthene	12.37	202	71017	2.20	ng	98
77) Pyrene	12.60	202	96047	3.13	ng	98

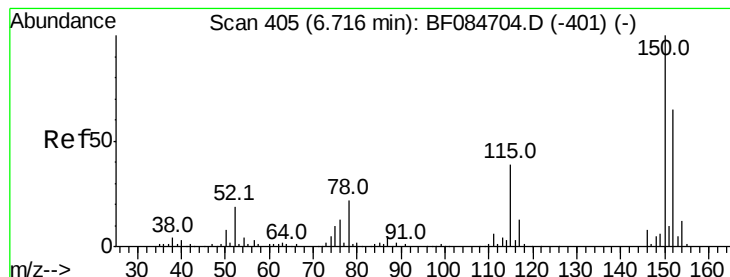
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084880.D

Acq: 6 Feb 2016 00:42

Instrument :

BNA_F

ClientSampleId :

SUP-B017(5-7)

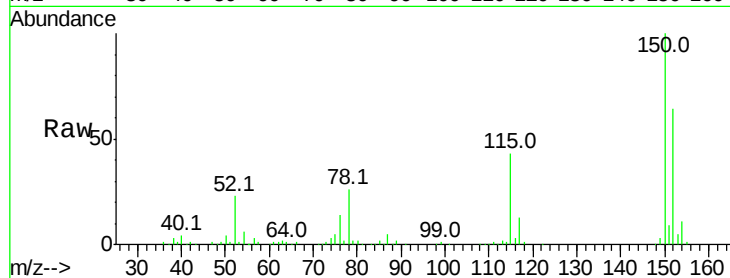
Tot Ion:152 Resp: 176419

Ion Ratio Lower Upper

152 100

150 156.5 123.0 184.4

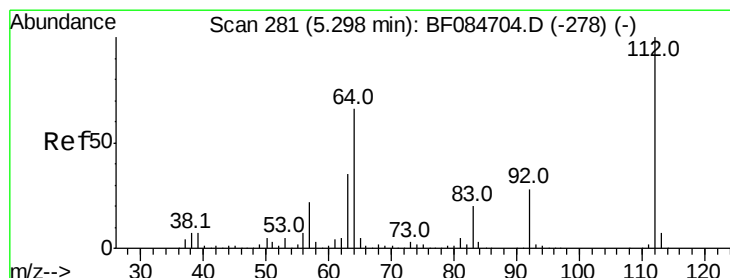
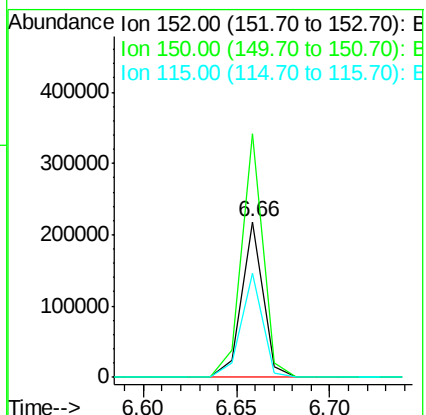
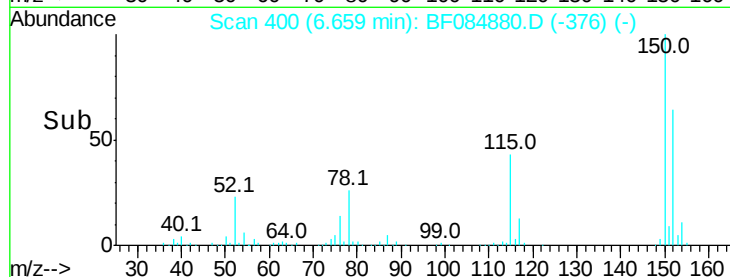
115 66.7 51.4 77.2



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: 14.10 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084880.D

Acq: 6 Feb 2016 00:42

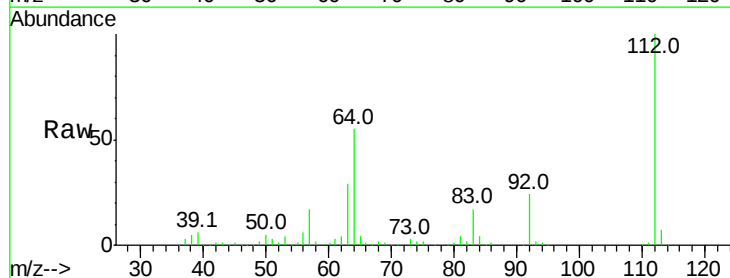
Tgt Ion:112 Resp: 159699

Ion Ratio Lower Upper

112 100

64 54.9 36.6 55.0

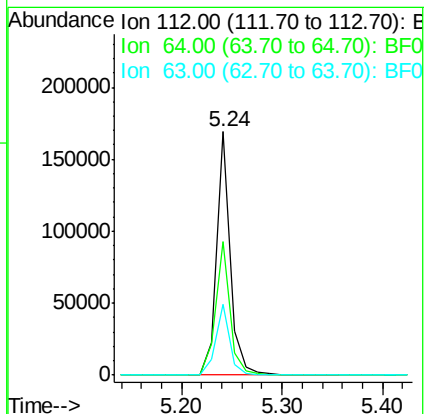
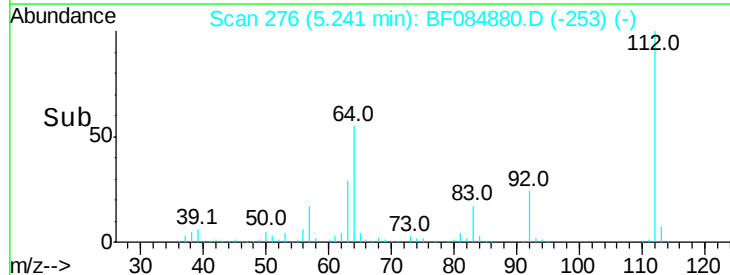
63 28.9 19.4 29.0

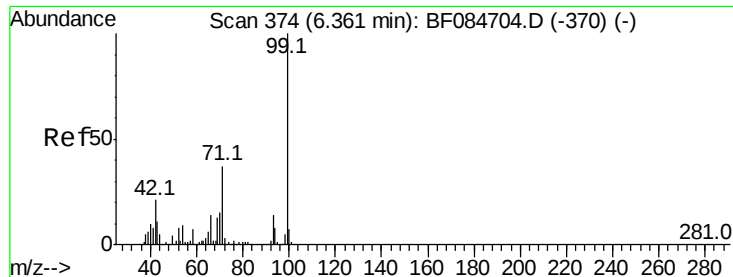


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.58 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084880.D

Acq: 6 Feb 2016 00:42

Instrument :

BNA_F

ClientSampleId :

SUP-B017(5-7)

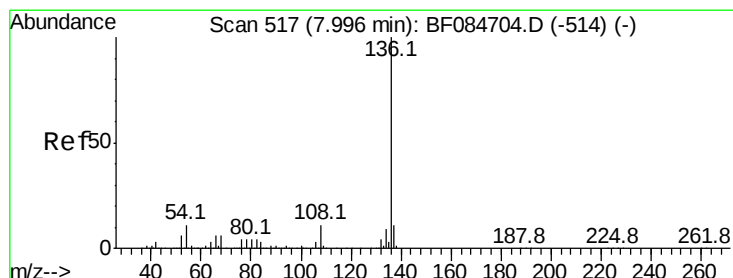
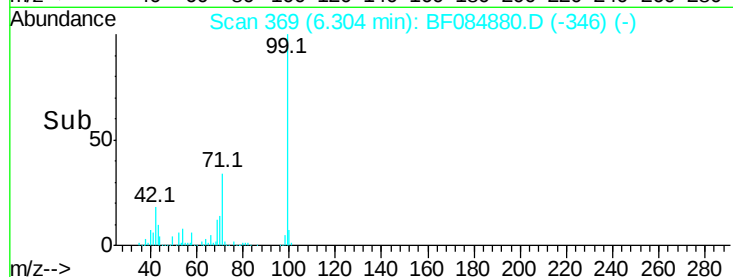
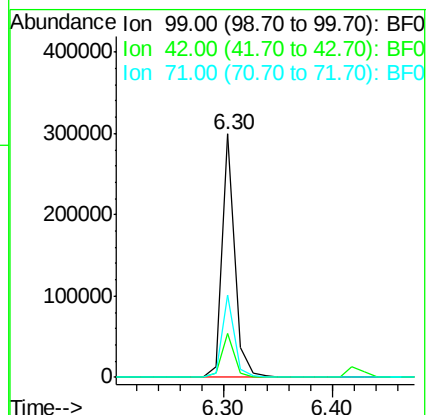
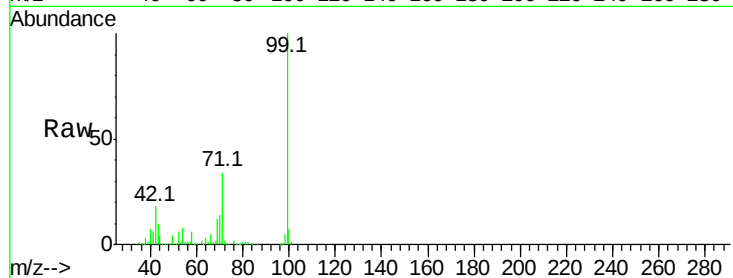
Tot Ion: 99 Resp: 246779

Ion Ratio Lower Upper

99 100

42 18.2 12.8 19.2

71 33.7 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084880.D

Acq: 6 Feb 2016 00:42

Tgt Ion: 136 Resp: 717272

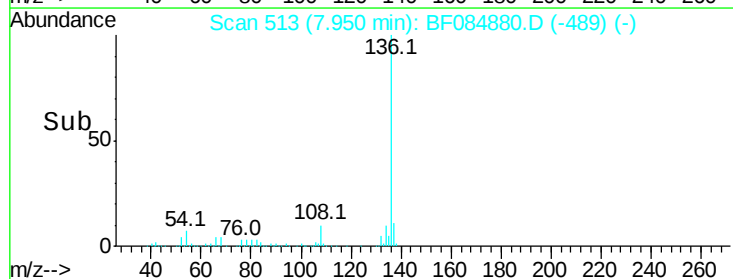
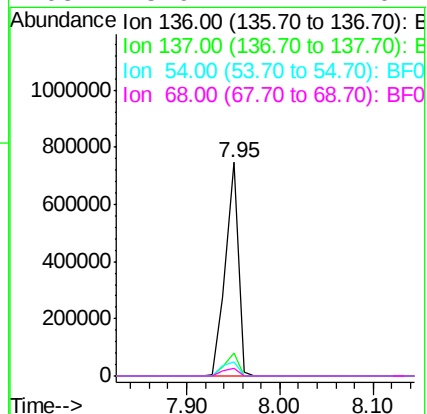
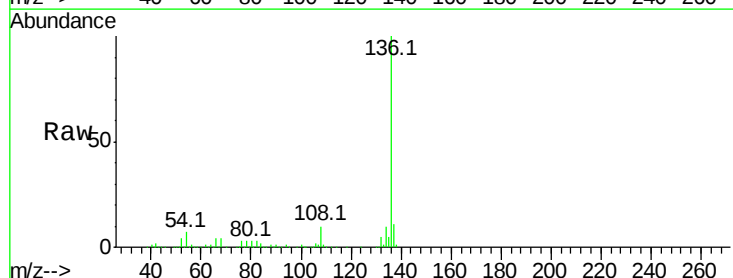
Ion Ratio Lower Upper

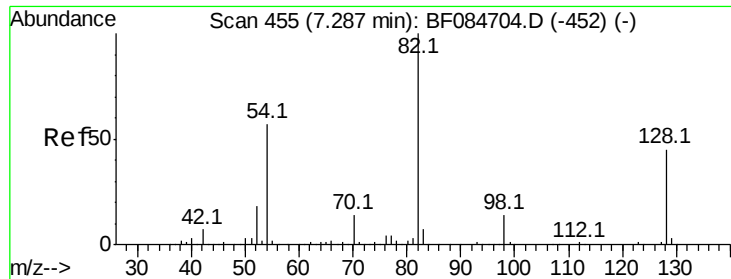
136 100

137 11.0 8.7 13.1

54 6.8 5.8 8.8

68 3.9 4.2 6.2#

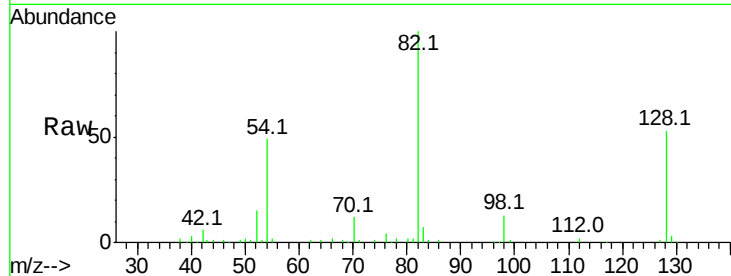




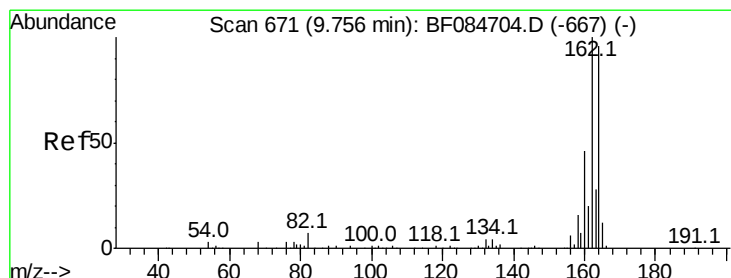
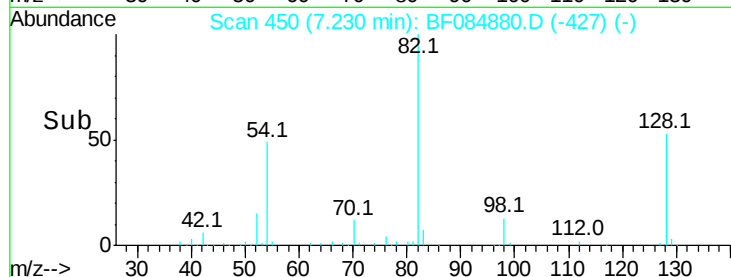
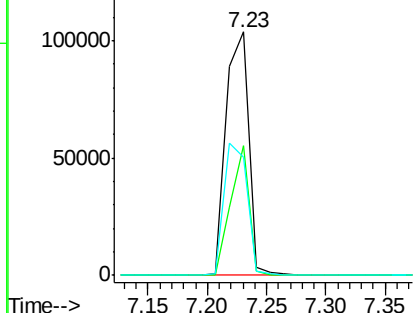
#23
 Nitrobenzene-d5
 Concen: 10.75 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084880.D
 Acq: 6 Feb 2016 00:42

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(5-7)

Tot Ion: 82 Resp: 136911
 Ion Ratio Lower Upper
 82 100
 128 53.2 34.6 51.8#
 54 48.6 38.4 57.6

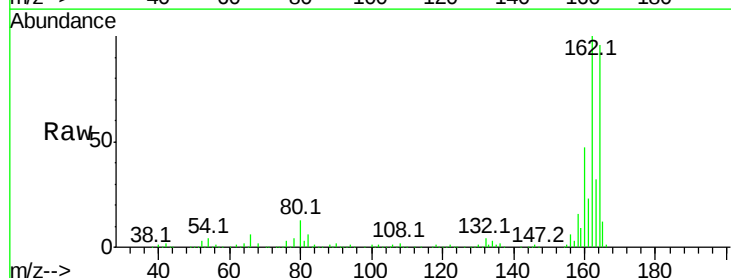


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

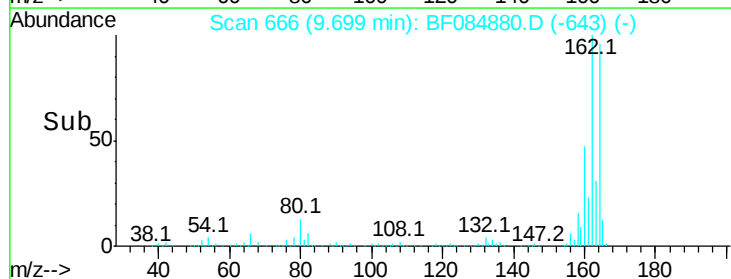
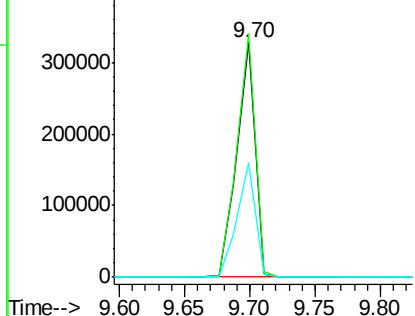


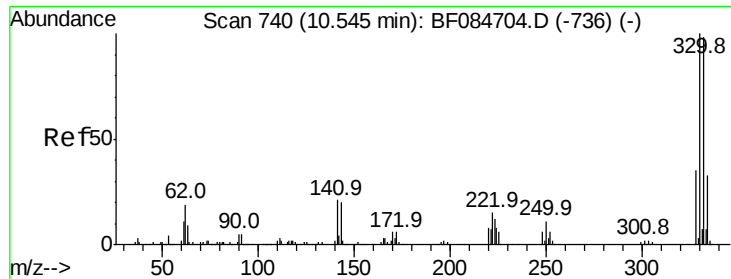
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084880.D
 Acq: 6 Feb 2016 00:42

Tgt Ion:164 Resp: 317722
 Ion Ratio Lower Upper
 164 100
 162 104.0 85.1 127.7
 160 49.1 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

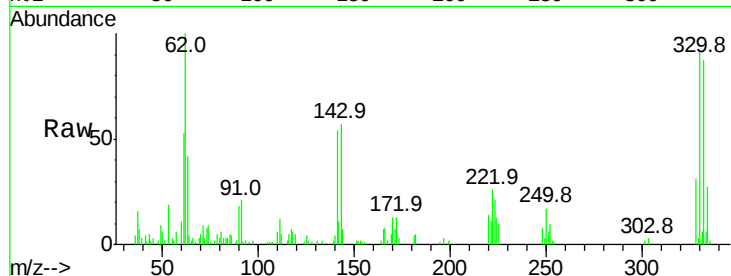




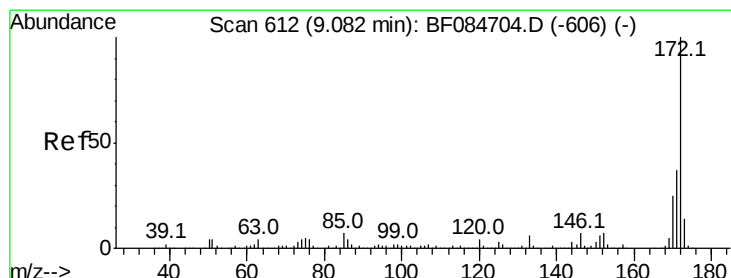
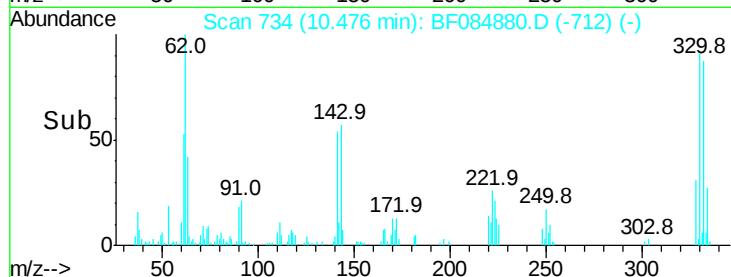
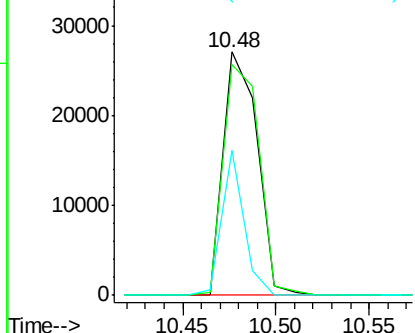
#41
 2,4,6-Tribromophenol
 Concen: 10.44 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.05 min
 Lab File: BF084880.D
 Acq: 6 Feb 2016 00:42

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(5-7)

Tot Ion:330 Resp: 34610
 Ion Ratio Lower Upper
 330 100
 332 100.5 76.6 114.8
 141 38.5 27.8 41.6

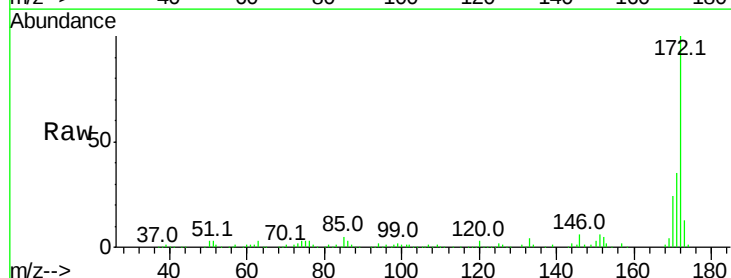


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

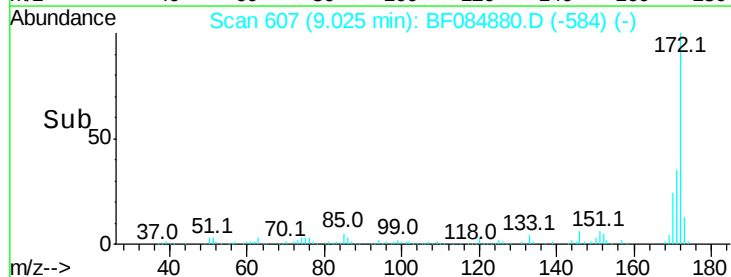
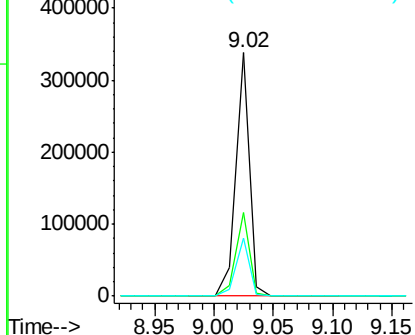


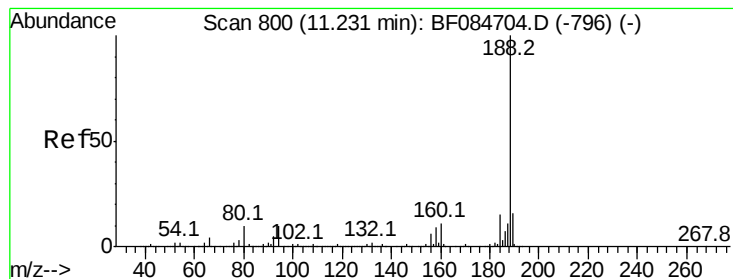
#44
 2-Fluorobiphenyl
 Concen: 10.21 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084880.D
 Acq: 6 Feb 2016 00:42

Tgt Ion:172 Resp: 270163
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.9 43.3
 170 23.6 18.6 27.8



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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084880.D

Acq: 6 Feb 2016 00:42

Instrument :

BNA_F

ClientSampleId :

SUP-B017(5-7)

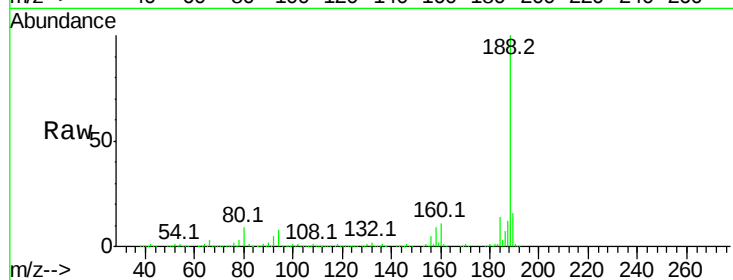
Tot Ion:188 Resp: 574438

Ion Ratio Lower Upper

188 100

94 7.9 9.0 13.4#

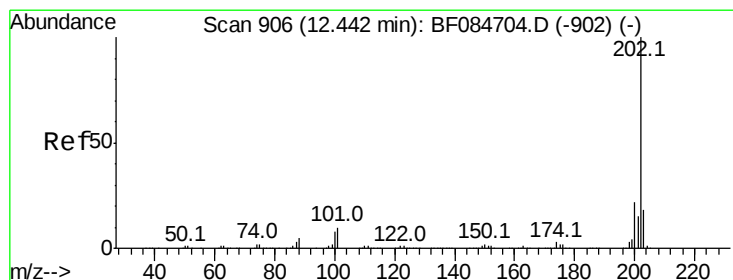
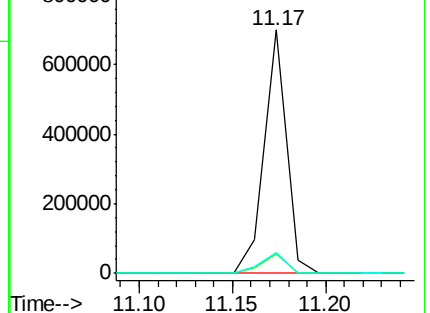
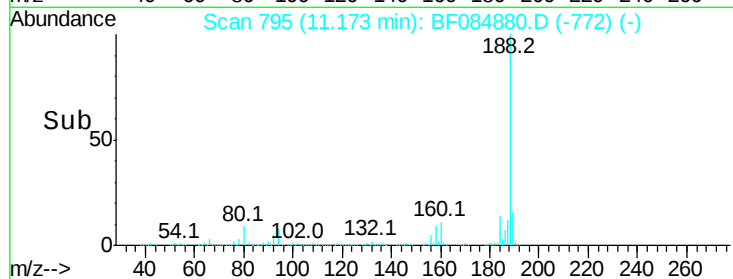
80 8.6 9.6 14.4#



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



#74

Fluoranthene

Concen: 2.20 ng

RT: 12.37 min Scan# 900

Delta R.T. -0.05 min

Lab File: BF084880.D

Acq: 6 Feb 2016 00:42

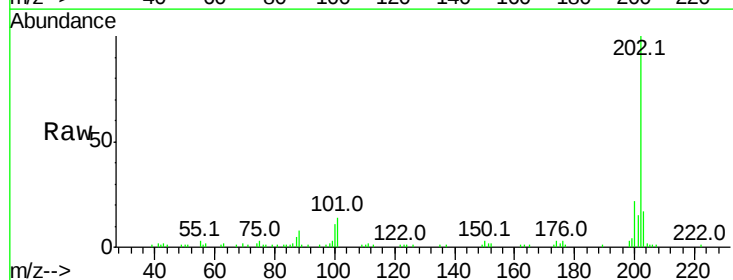
Tgt Ion:202 Resp: 71017

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.8

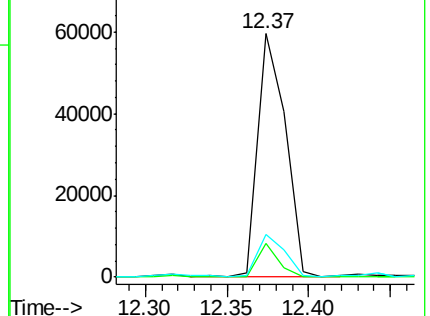
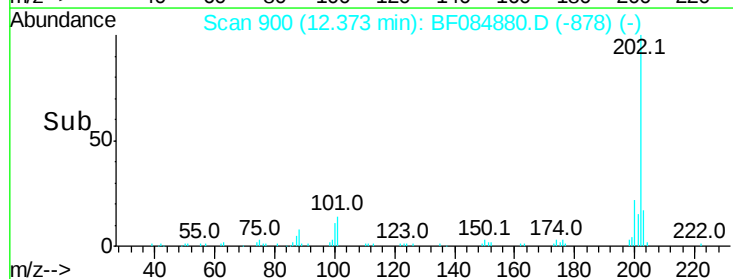
203 17.3 0.0 37.9

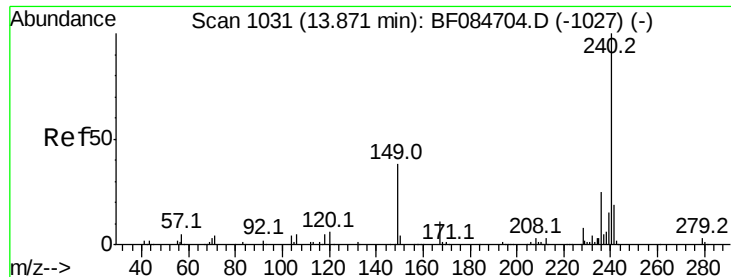


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084880.D

Acq: 6 Feb 2016 00:42

Instrument :

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SUP-B017(5-7)

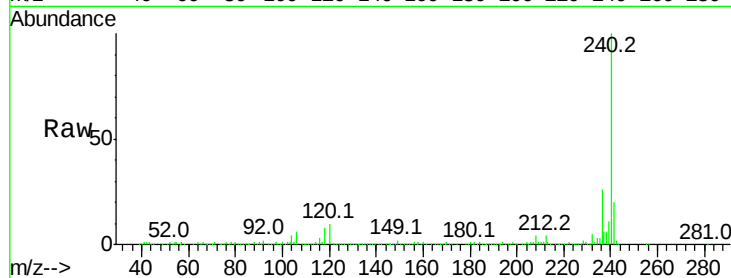
Tot Ion:240 Resp: 401332

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

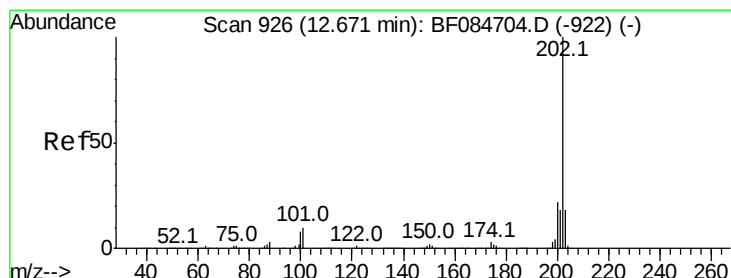
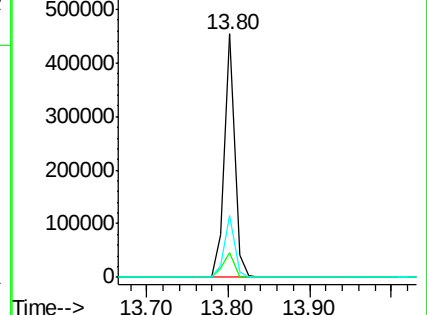
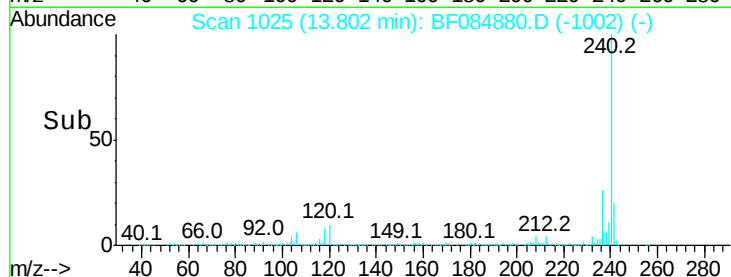
236 25.6 20.6 31.0



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



#77

Pyrene

Concen: 3.13 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084880.D

Acq: 6 Feb 2016 00:42

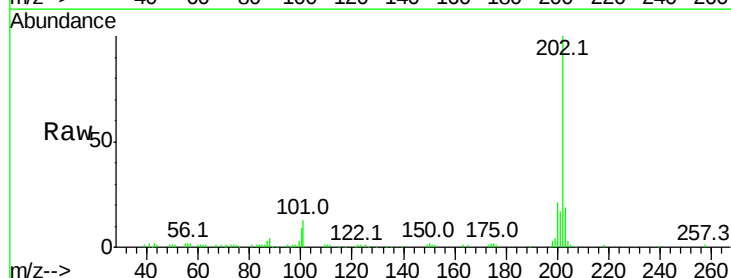
Tgt Ion:202 Resp: 96047

Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

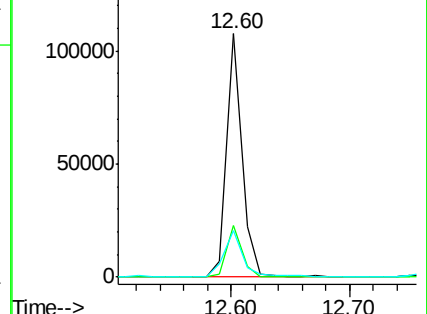
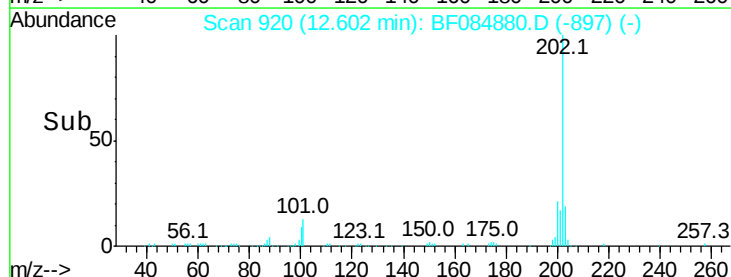
203 19.1 14.3 21.5

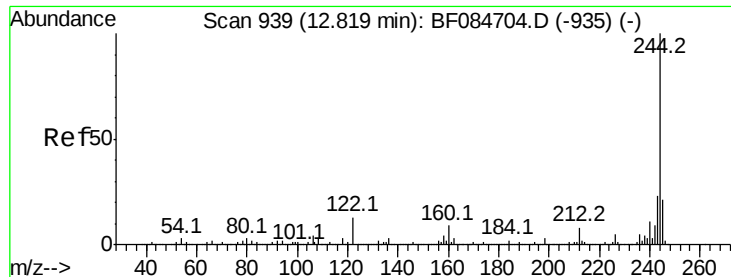


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.47 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.05 min

Lab File: BF084880.D

Acq: 6 Feb 2016 00:42

Instrument :

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SUP-B017(5-7)

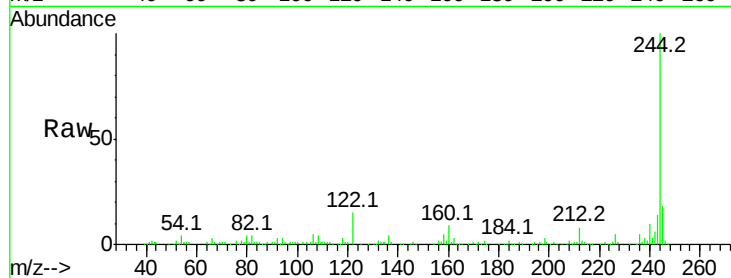
Tot Ion:244 Resp: 203169

Ion Ratio Lower Upper

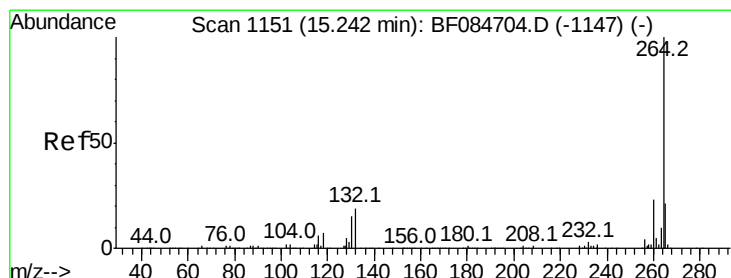
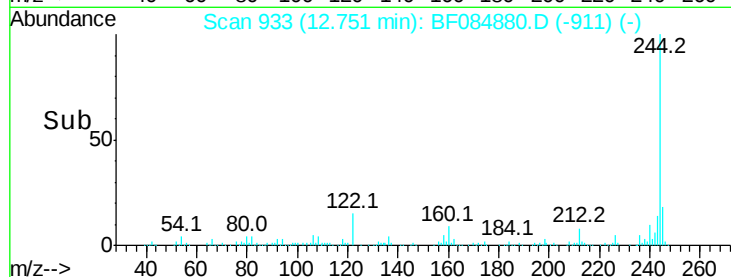
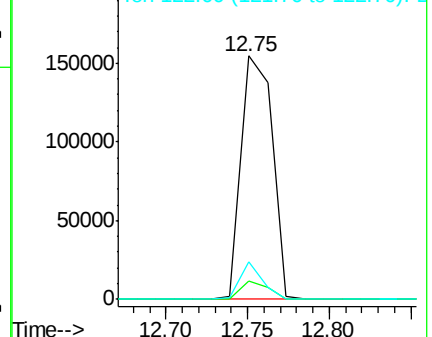
244 100

212 7.6 5.7 8.5

122 15.3 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: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084880.D

Acq: 6 Feb 2016 00:42

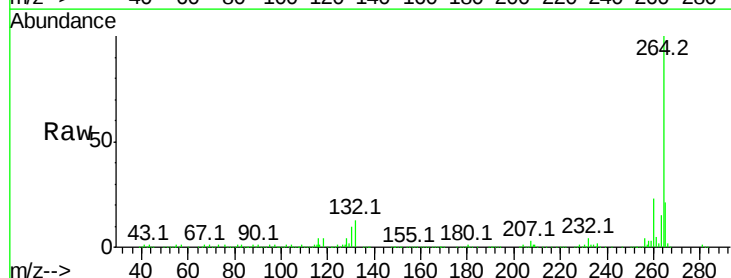
Tgt Ion:264 Resp: 321540

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.1 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

