

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
 Data File : BF086284.D
 Acq On : 18 Apr 2016 16:16
 Operator : UM/SJ
 Sample : H2334-04 25X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

Quant Time: Apr 19 01:49:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

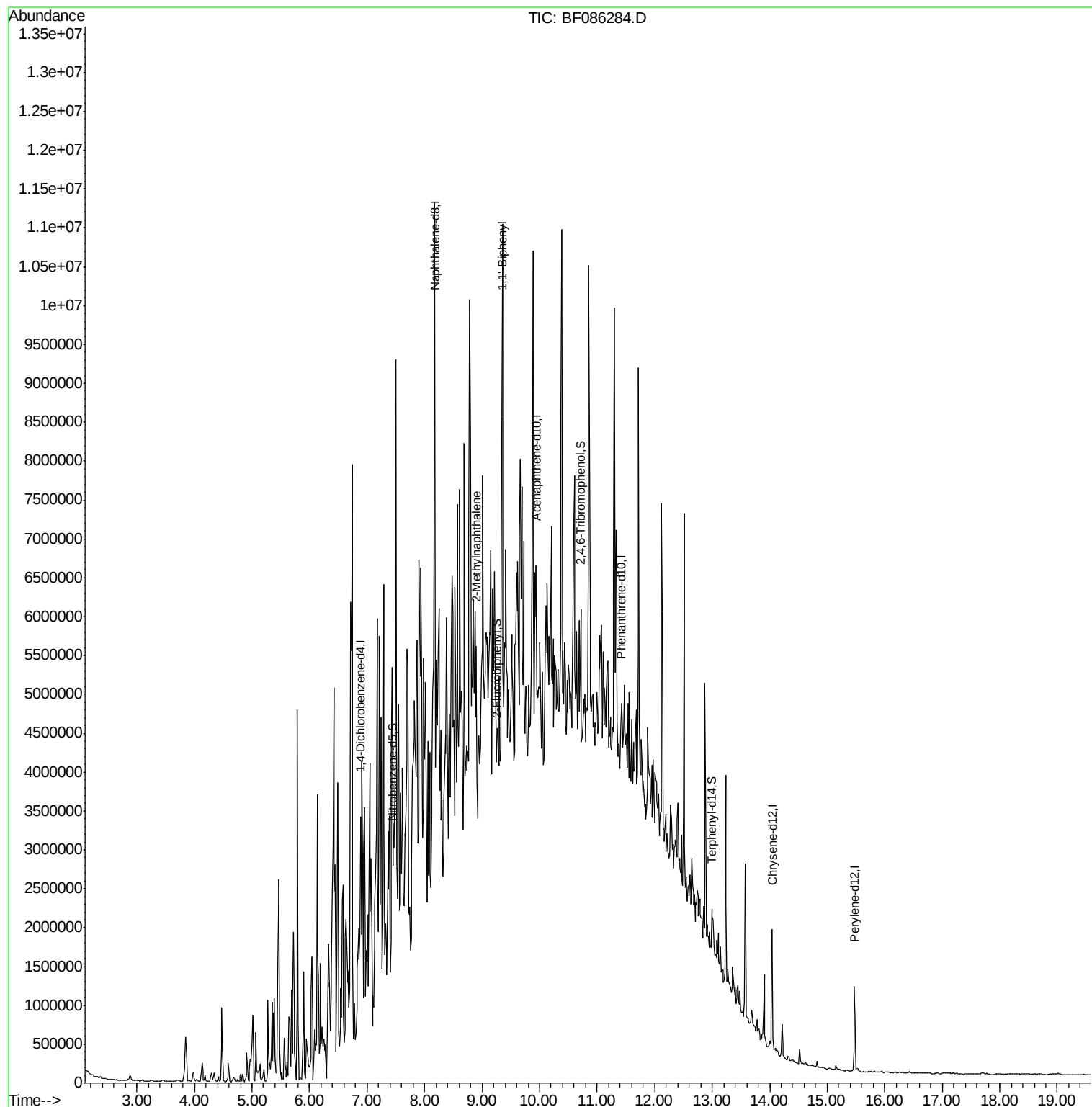
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	256197	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	439486	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	349142	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	562336	20.00	ng	0.01
75) Chrysene-d12	14.04	240	503904	20.00	ng	-0.01
86) Perylene-d12	15.47	264	514806	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	26469	1.69	ng	-0.01
7) Phenol-d6	6.50	99	29102	1.49	ng	-0.02
23) Nitrobenzene-d5	7.45	82	203333	26.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	6285	2.24	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	130628	6.90	ng	-0.01
78) Terphenyl-d14	12.99	244	88438	4.41	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.90	142	698170	55.02	ng	98
45) 1,1'-Biphenyl	9.36	154	100455	4.00	ng	95

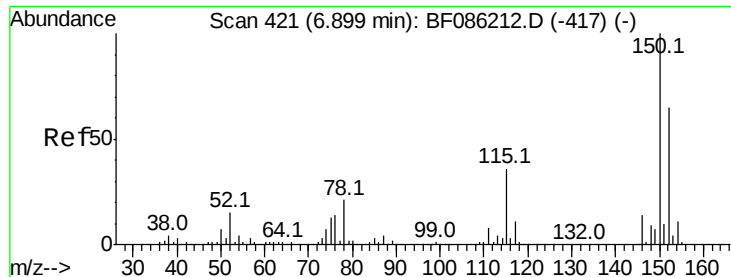
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 15 15:56:31 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

BNA_F

ClientSampled :

TW-1-04062016

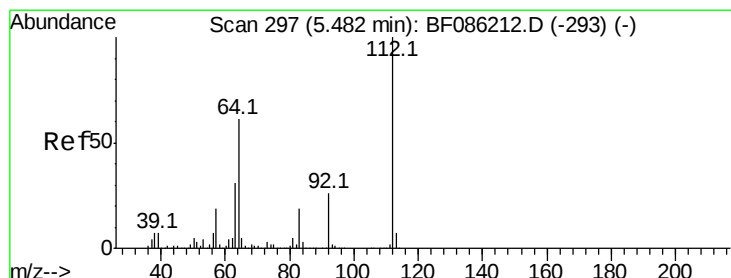
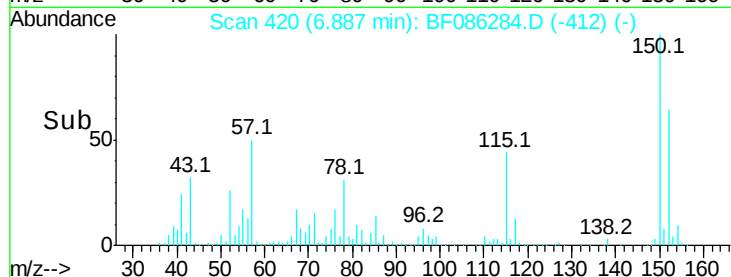
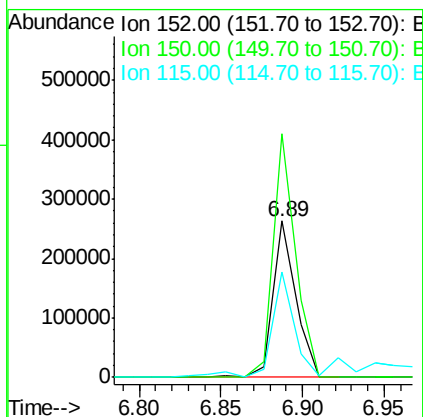
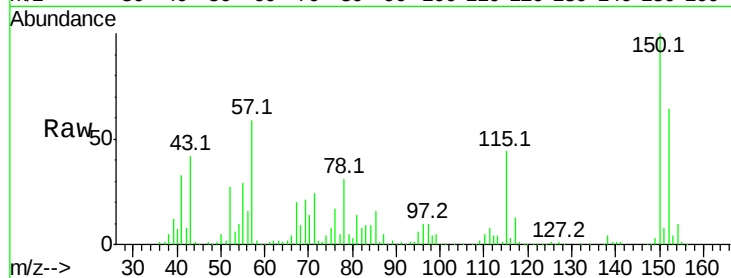
Tot Ion:152 Resp: 256197

Ion Ratio Lower Upper

152 100

150 156.0 124.1 186.1

115 67.9 43.9 65.9#



#5

2-Fluorophenol

Concen: 1.69 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

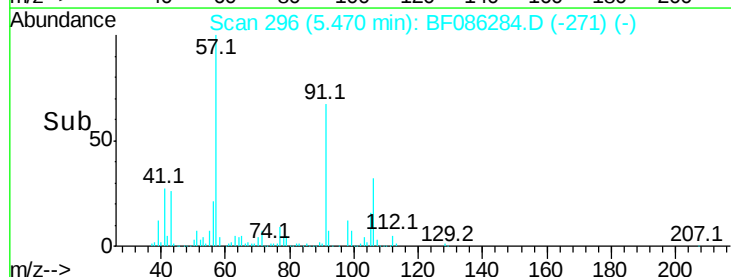
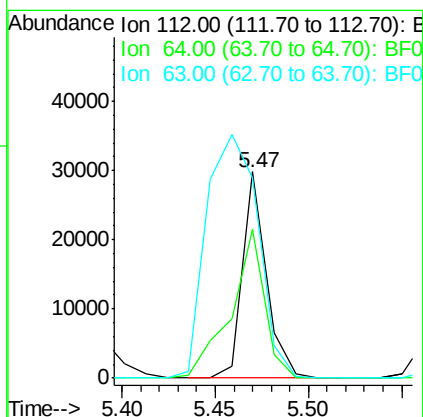
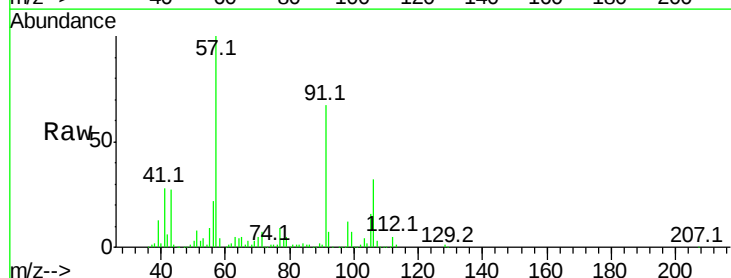
Tgt Ion:112 Resp: 26469

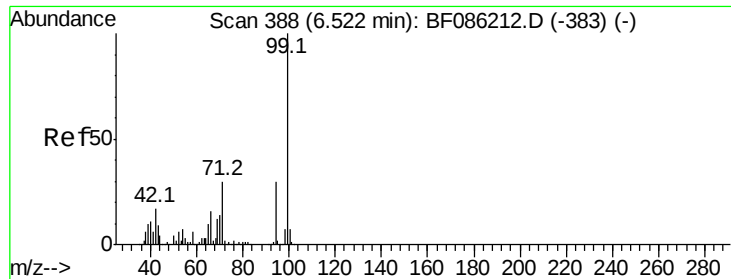
Ion Ratio Lower Upper

112 100

64 72.2 48.1 72.1#

63 97.2 25.5 38.3#





#7

Phenol-d6

Concen: 1.49 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

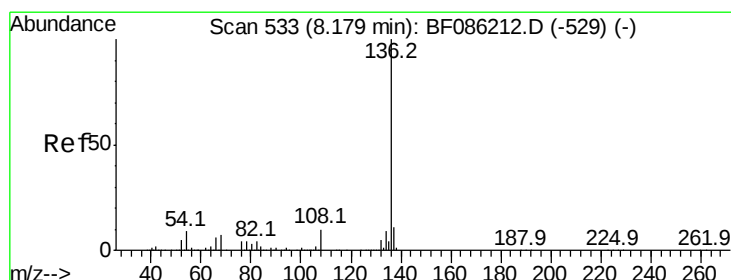
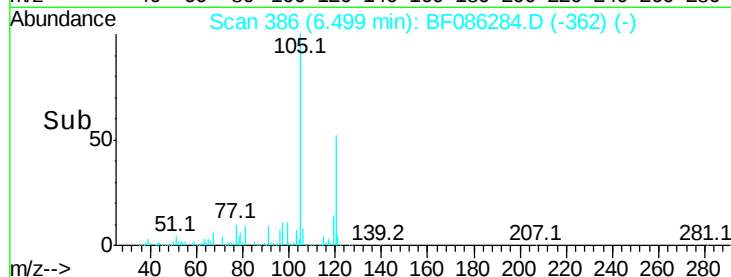
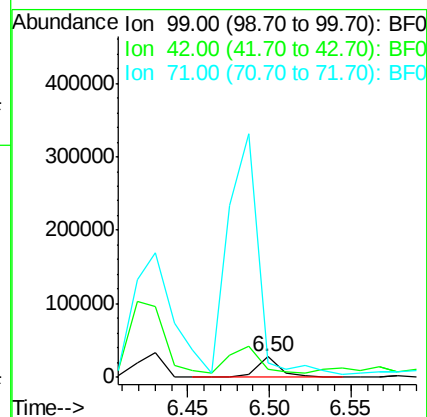
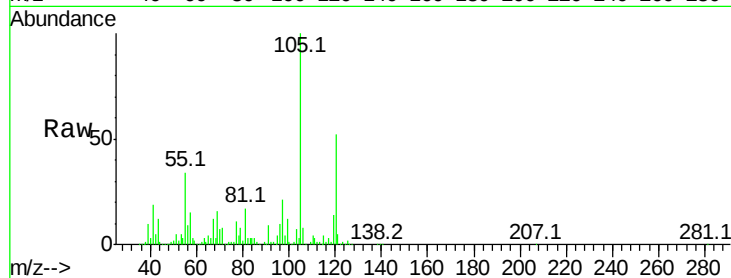
Tot Ion: 99 Resp: 29102

Ion Ratio Lower Upper

99 100

42 40.9 15.4 23.2#

71 68.6 25.6 38.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Tgt Ion: 136 Resp: 439486

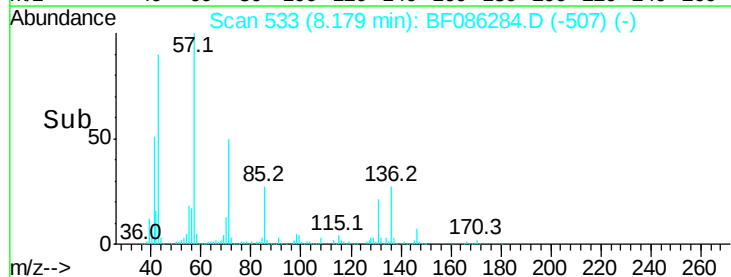
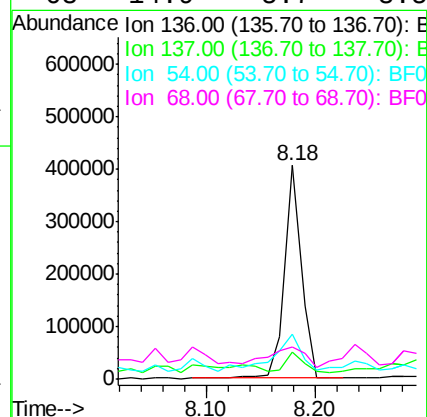
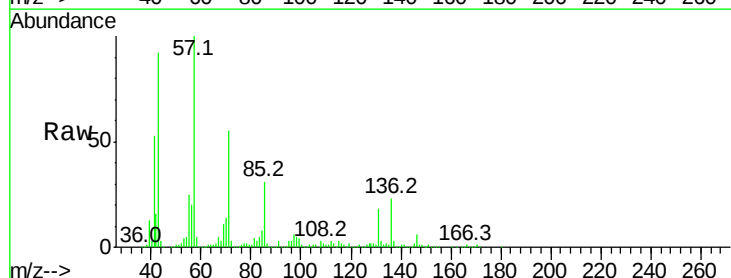
Ion Ratio Lower Upper

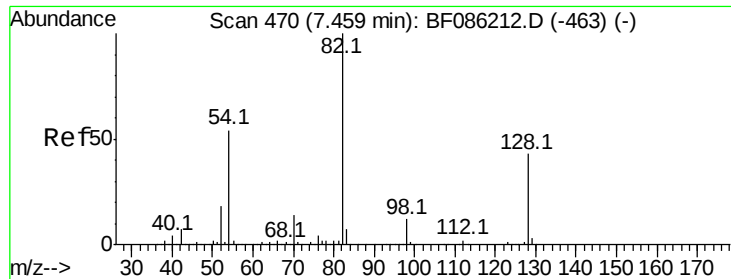
136 100

137 12.6 9.1 13.7

54 20.8 7.3 10.9#

68 14.9 5.7 8.5#

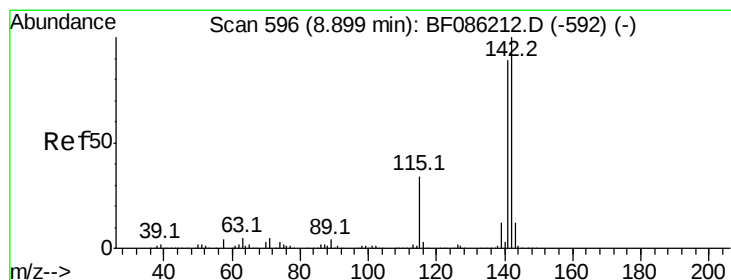
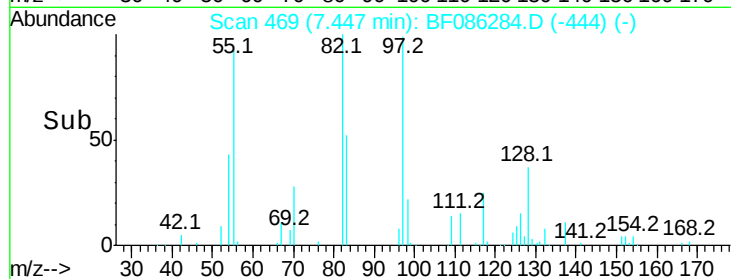
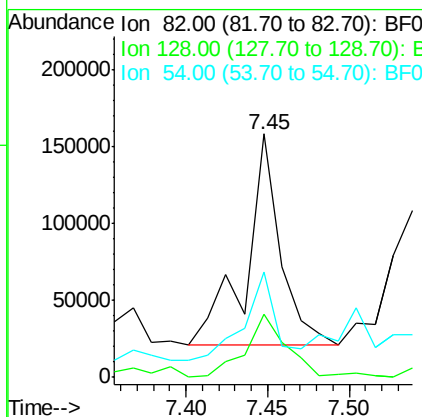
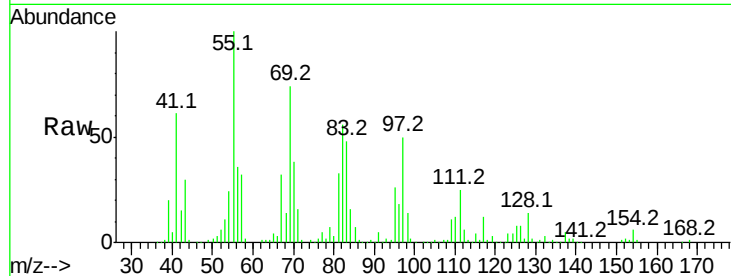




#23
 Nitrobenzene-d5
 Concen: 26.69 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF086284.D
 Acq: 18 Apr 2016 16:16

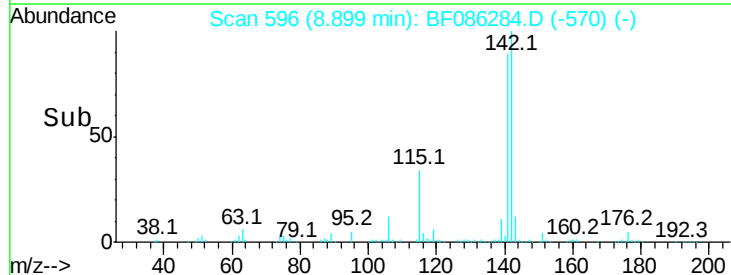
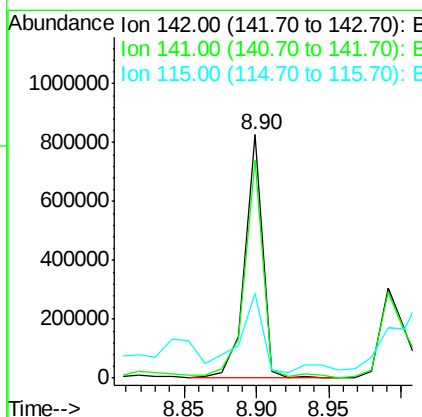
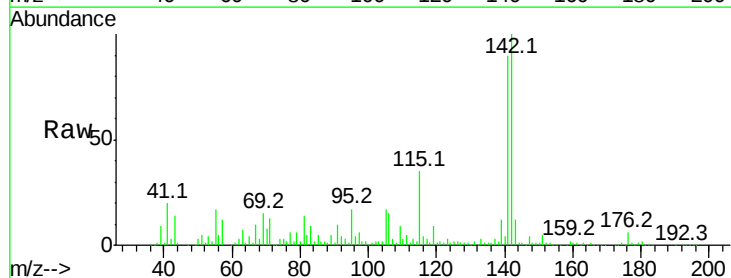
Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

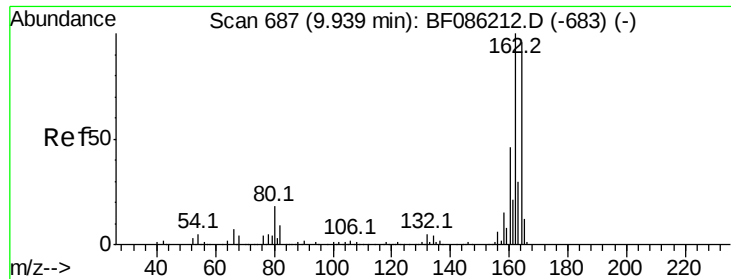
Tot Ion: 82 Resp: 203333
 Ion Ratio Lower Upper
 82 100
 128 25.7 35.4 53.2#
 54 43.2 43.4 65.0#



#37
 2-Methylnaphthalene
 Concen: 55.02 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF086284.D
 Acq: 18 Apr 2016 16:16

Tgt Ion: 142 Resp: 698170
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.1 106.7
 115 35.1 25.1 37.7

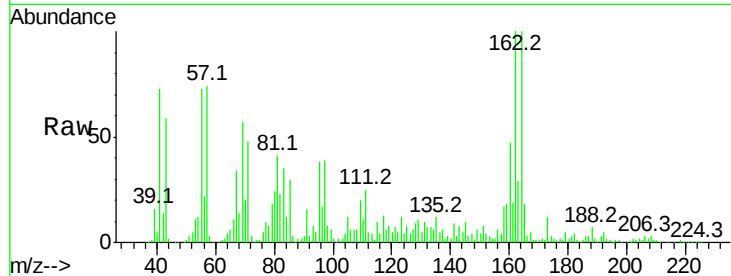




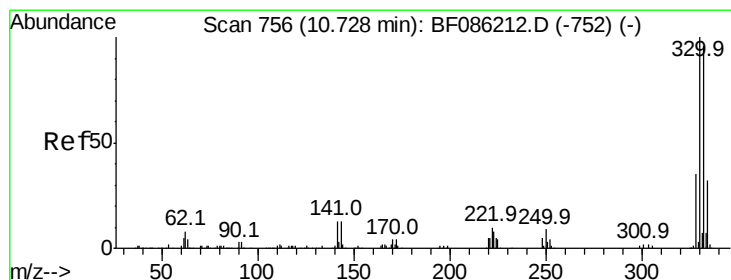
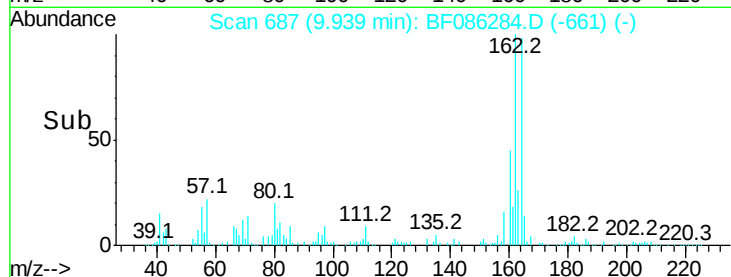
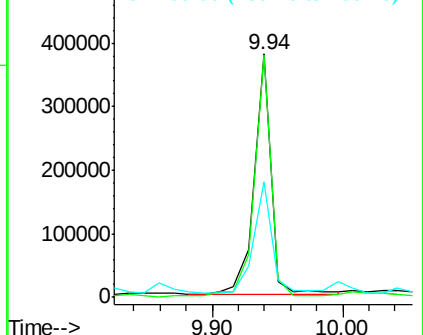
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tot Ion:164 Resp: 349142
Ion Ratio Lower Upper
164 100
162 99.8 82.8 124.2
160 47.2 38.9 58.3

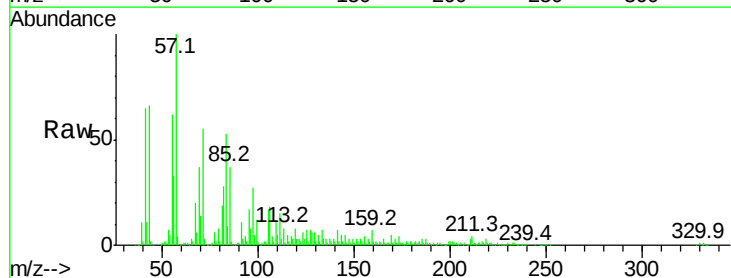


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

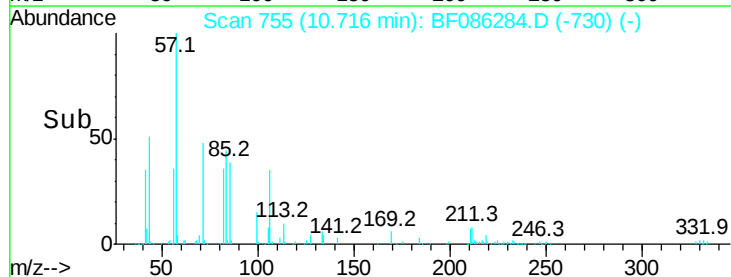
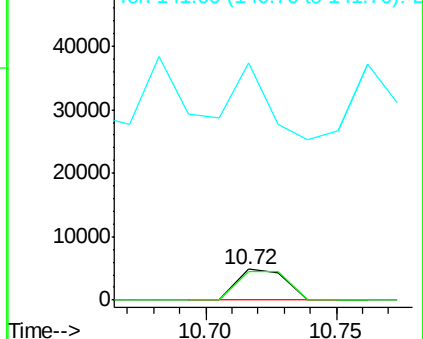


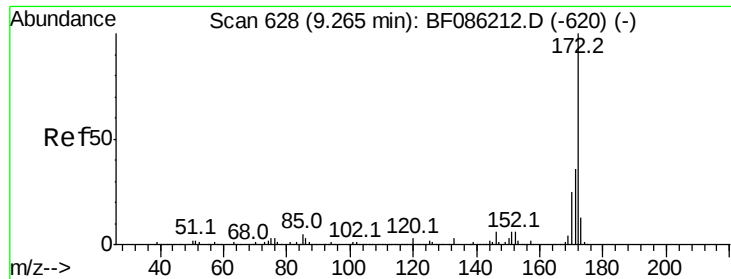
#41
2,4,6-Tribromophenol
Concen: 2.24 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:330 Resp: 6285
Ion Ratio Lower Upper
330 100
332 98.7 78.7 118.1
141 0.0 28.6 42.8#



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: 6.90 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

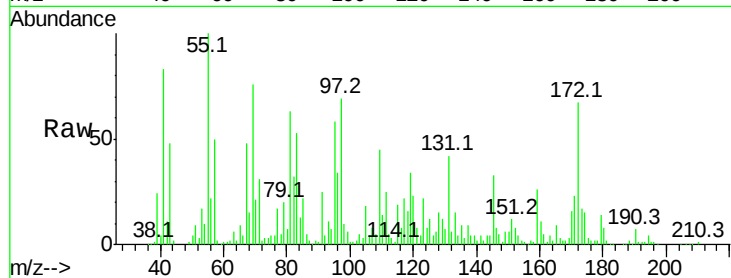
Tot Ion:172 Resp: 130628

Ion Ratio Lower Upper

172 100

171 34.5 29.1 43.7

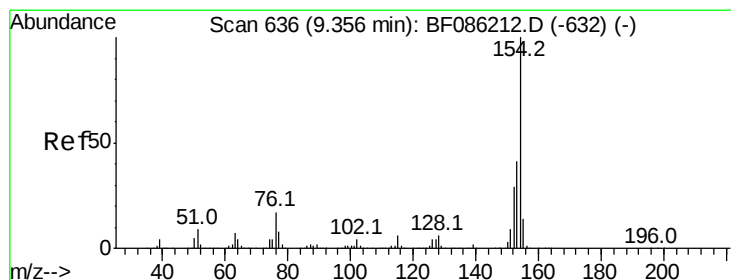
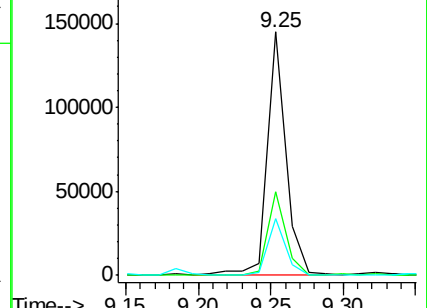
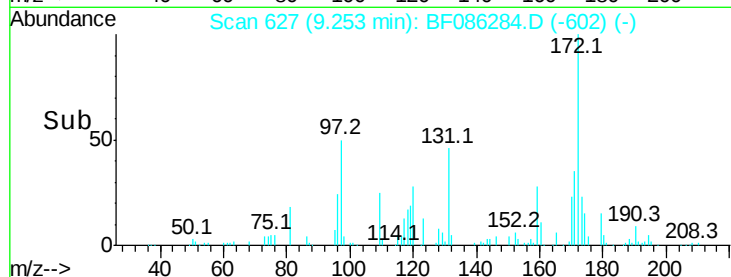
170 23.4 19.9 29.9



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: 4.00 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

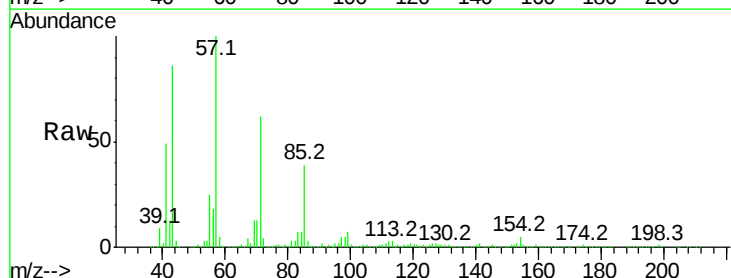
Tgt Ion:154 Resp: 100455

Ion Ratio Lower Upper

154 100

153 38.8 21.3 61.3

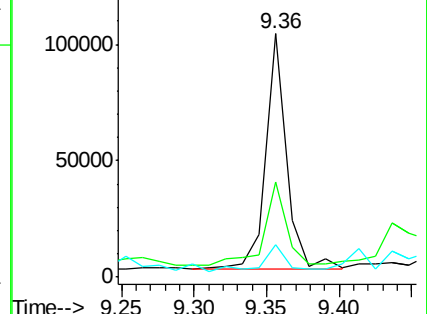
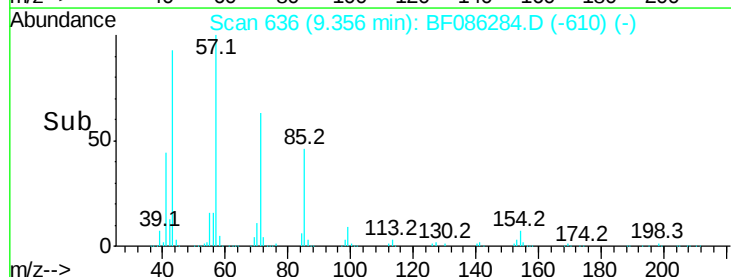
76 13.2 0.0 36.4

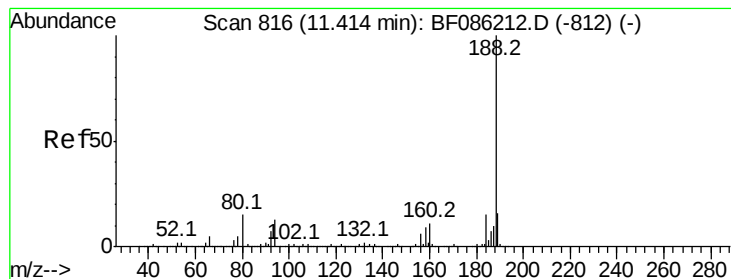


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

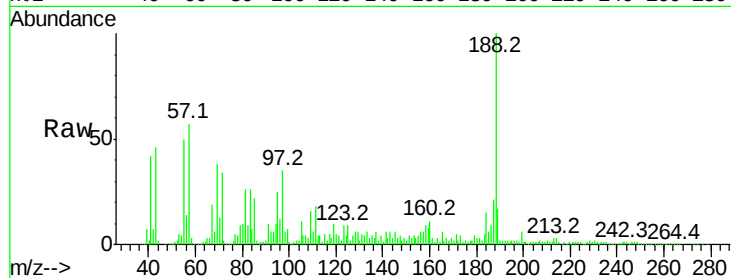
Tot Ion:188 Resp: 562336

Ion Ratio Lower Upper

188 100

94 9.6 9.8 14.8#

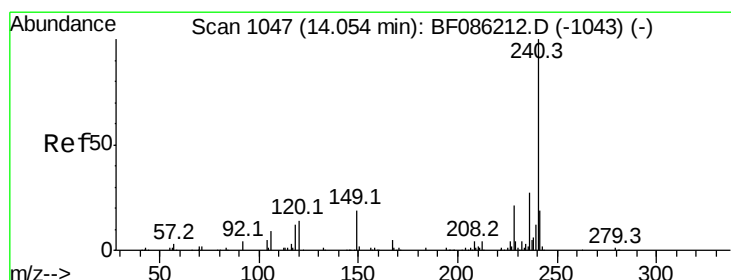
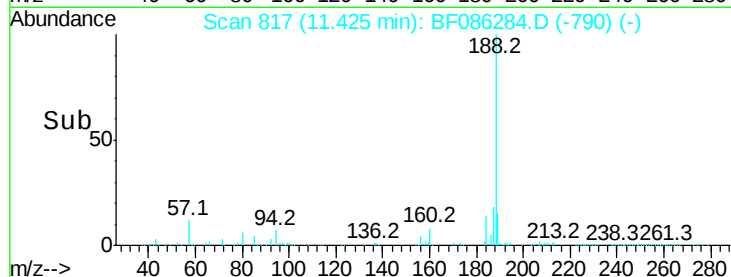
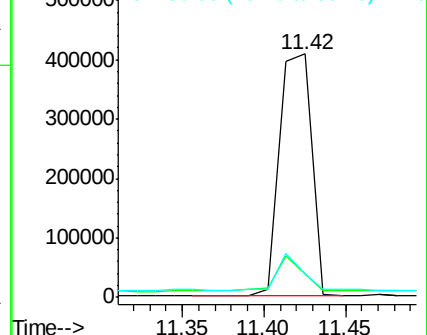
80 9.6 10.5 15.7#



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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

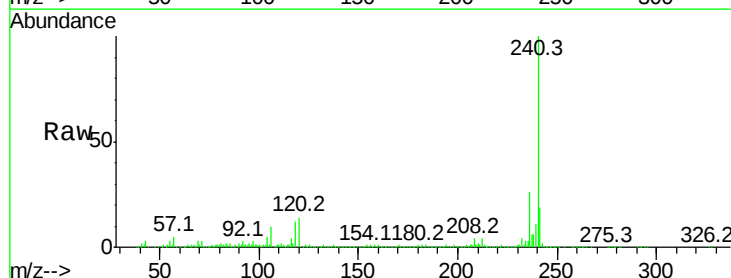
Tgt Ion:240 Resp: 503904

Ion Ratio Lower Upper

240 100

120 13.6 9.3 13.9

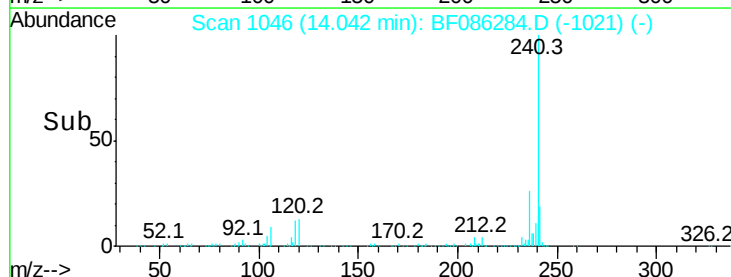
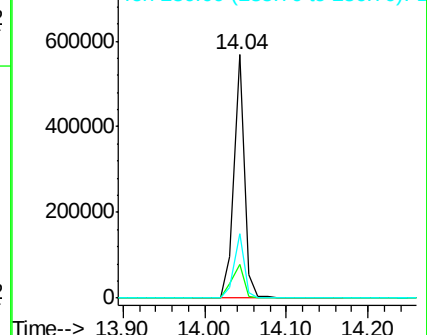
236 26.4 21.1 31.7

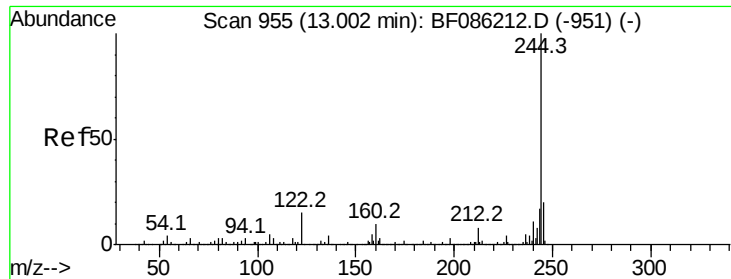


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 4.41 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

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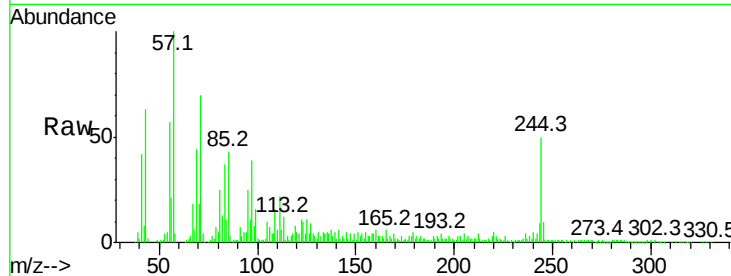
Tot Ion:244 Resp: 88438

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

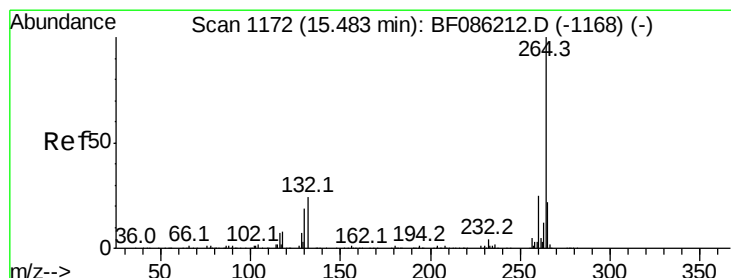
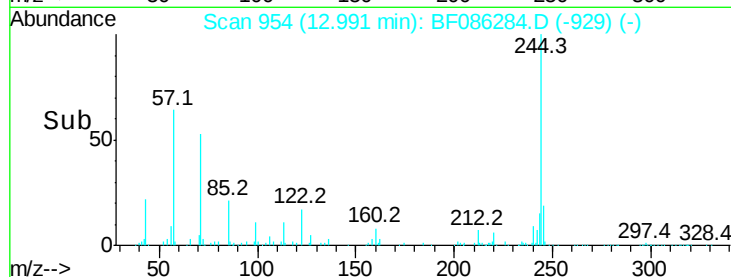
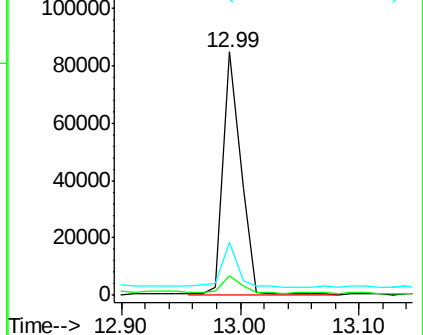
122 21.7 11.7 17.5#



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: 15.47 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

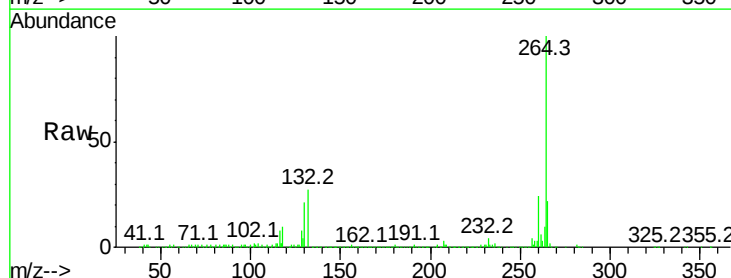
Tgt Ion:264 Resp: 514806

Ion Ratio Lower Upper

264 100

260 24.5 20.0 30.0

265 21.8 17.4 26.0



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

