

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
 Data File : BF092105.D
 Acq On : 5 Jan 2017 22:47
 Operator : UM/SJ
 Sample : I1004-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Quant Time: Jan 06 00:47:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 00:13:42 2017
 Response via : Initial Calibration

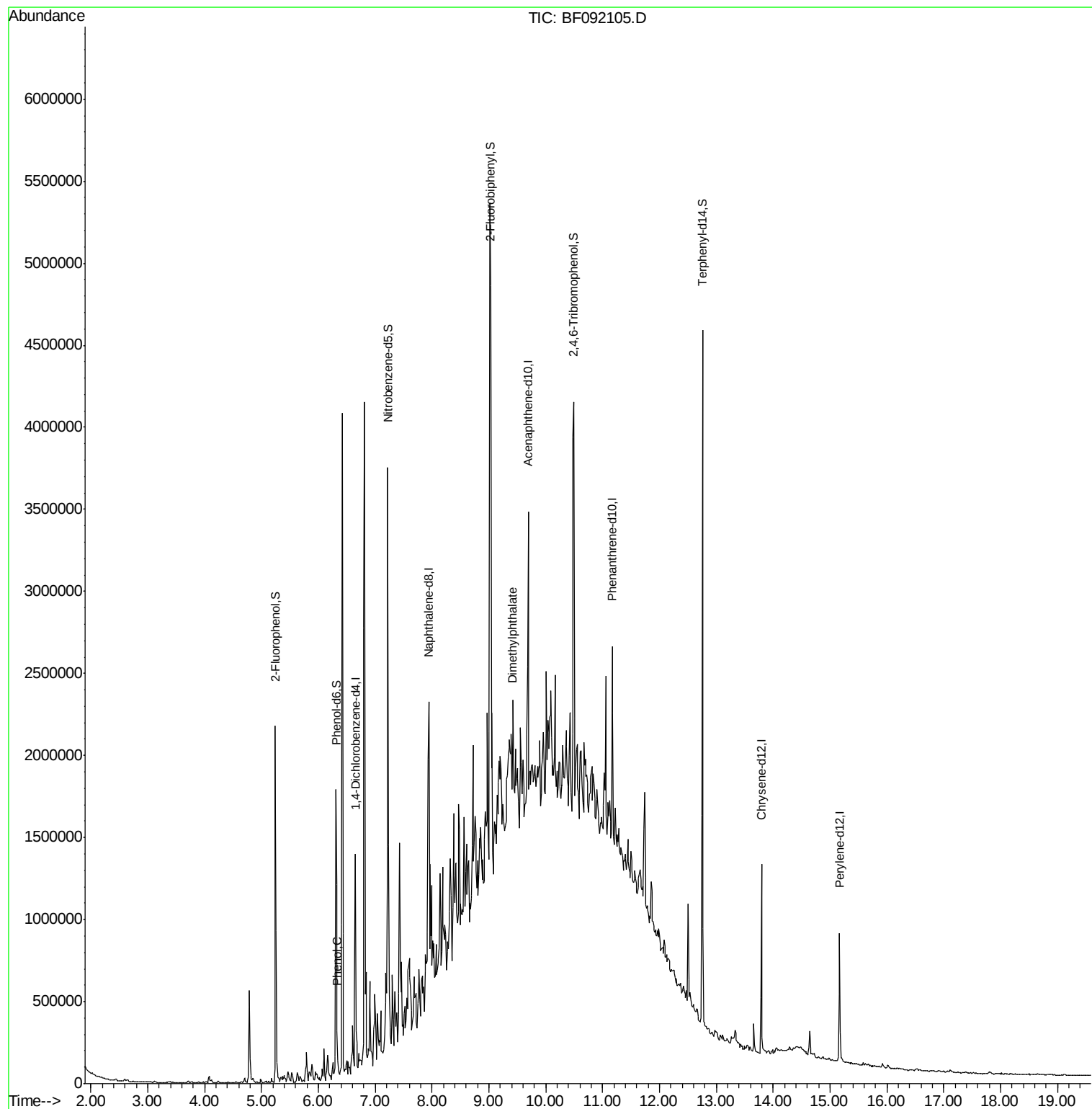
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	195807	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	754734	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	395622	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	587688	20.00	ng	0.00
75) Chrysene-d12	13.80	240	418531	20.00	ng	0.00
86) Perylene-d12	15.17	264	364033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	677537	57.78	ng	0.00
7) Phenol-d6	6.31	99	739342	51.64	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1158484	85.35	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	443901	135.58	ng	0.01
44) 2-Fluorobiphenyl	9.03	172	2057092	110.39	ng	0.01
78) Terphenyl-d14	12.76	244	1378689	79.89	ng	0.00
Target Compounds						
10) Phenol	6.33	94	94299	5.78	ng	# 65
49) Dimethylphthalate	9.42	163	74712	2.95	ng	# 68

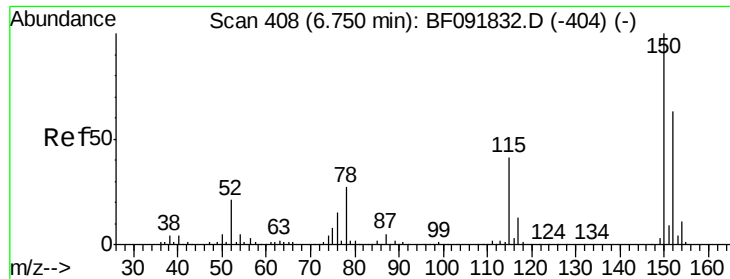
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

Instrument :

BNA_F

ClientSampleId :

MW-37

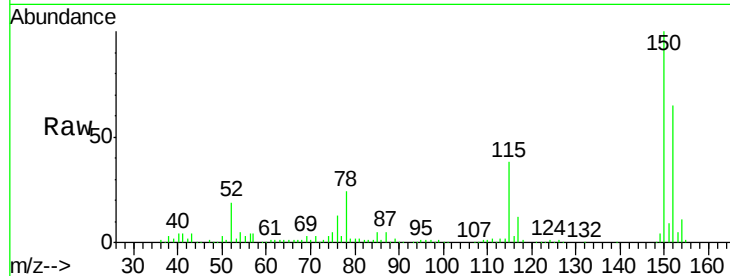
Tot Ion:152 Resp: 195807

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

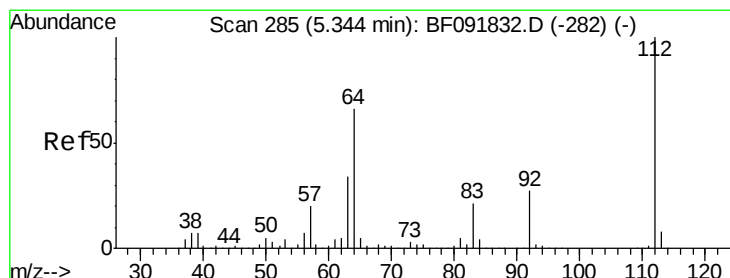
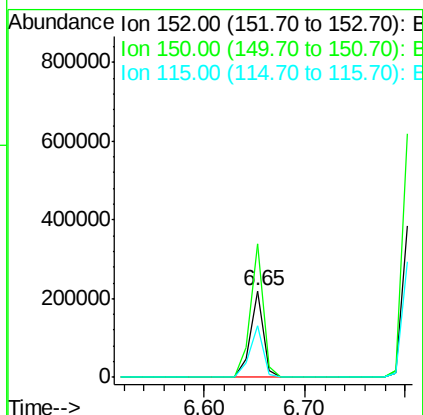
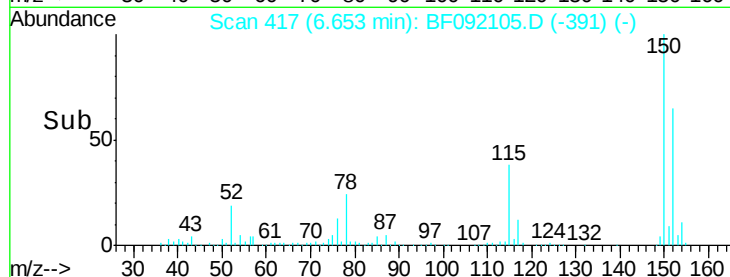
115 59.5 46.0 69.0



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: 57.78 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

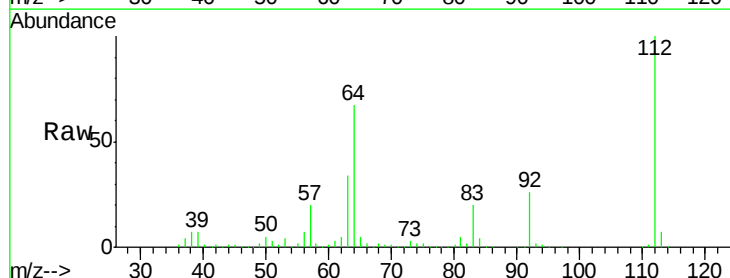
Tgt Ion:112 Resp: 677537

Ion Ratio Lower Upper

112 100

64 66.6 46.1 69.1

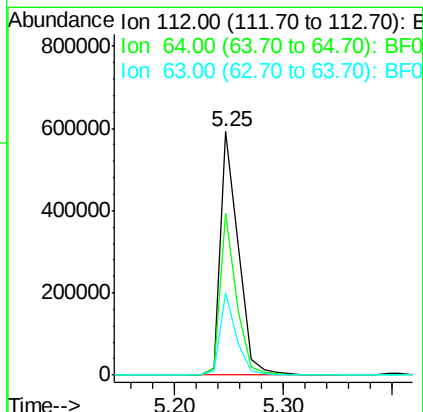
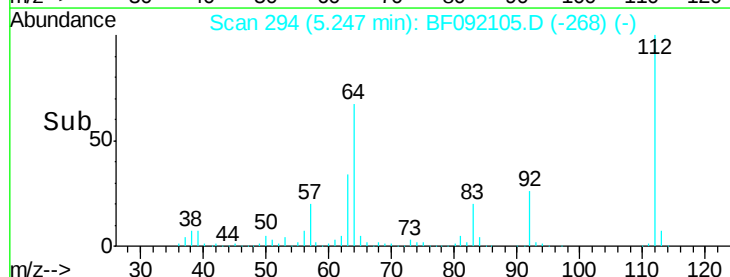
63 33.9 23.8 35.6

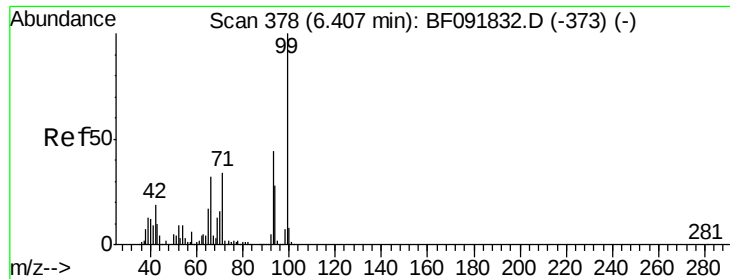


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.64 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

Instrument :

BNA_F

ClientSampleId :

MW-37

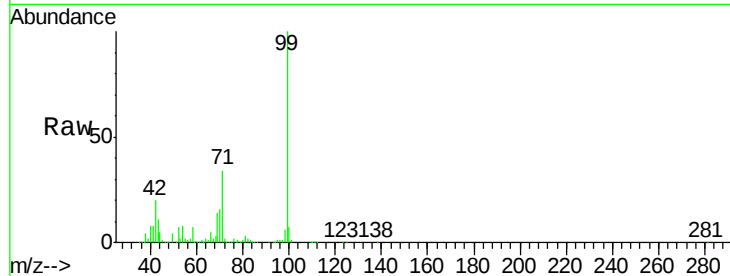
Tot Ion: 99 Resp: 739342

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

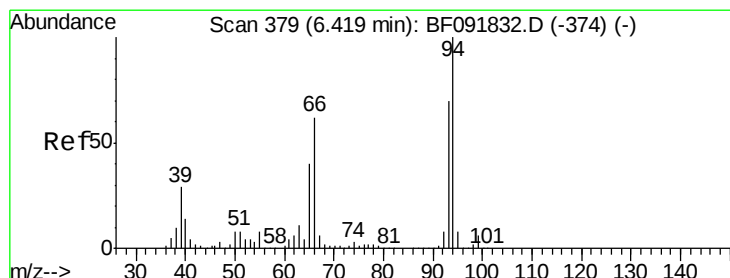
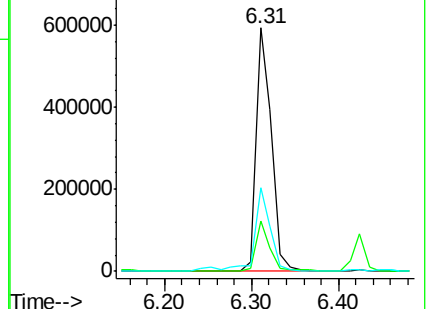
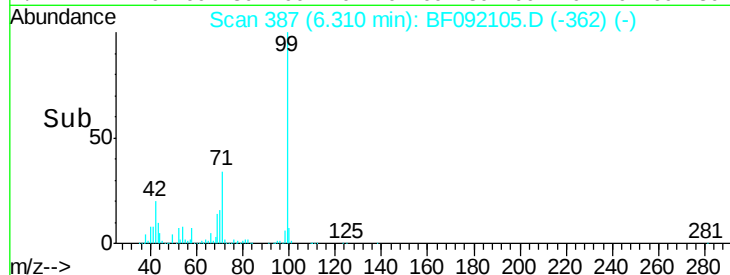
71 34.3 27.5 41.3



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



#10

Phenol

Concen: 5.78 ng

RT: 6.33 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

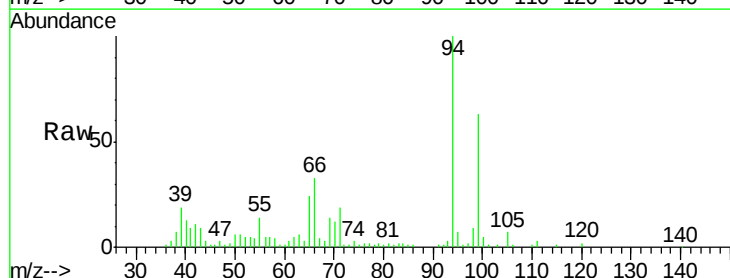
Tgt Ion: 94 Resp: 94299

Ion Ratio Lower Upper

94 100

65 24.4 21.4 61.4

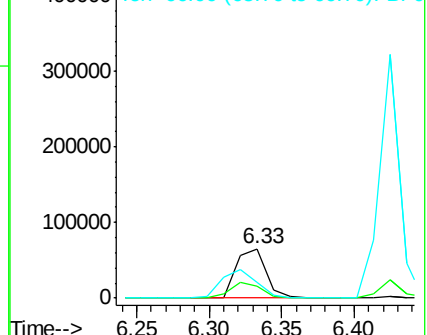
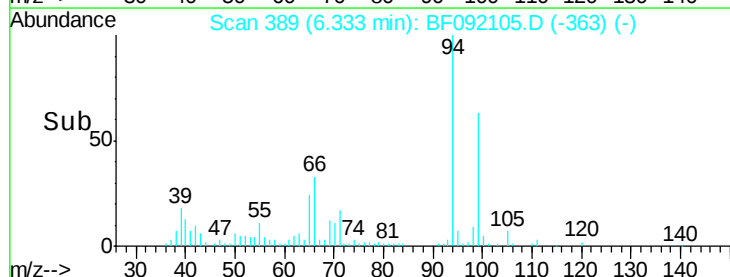
66 33.2 44.0 84.0#

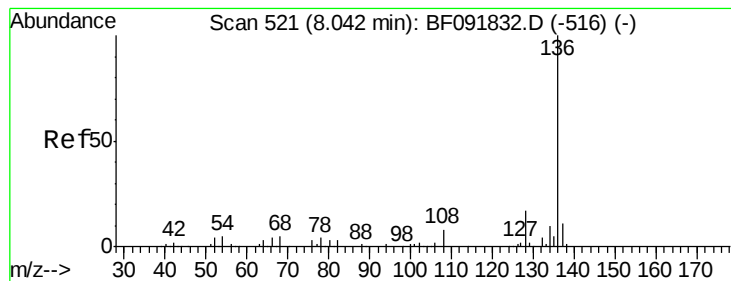


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

Instrument :

BNA_F

ClientSampleId :

MW-37

Tot Ion:136 Resp: 754734

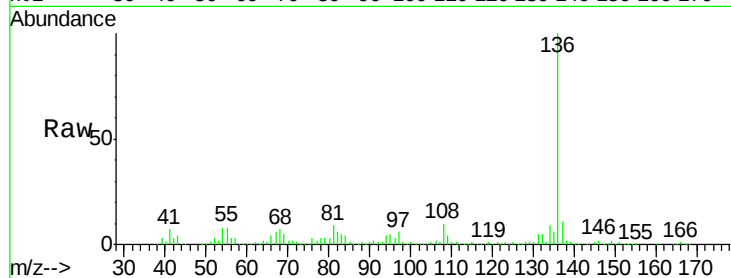
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.1 4.5 6.7#

68 7.2 3.6 5.4#

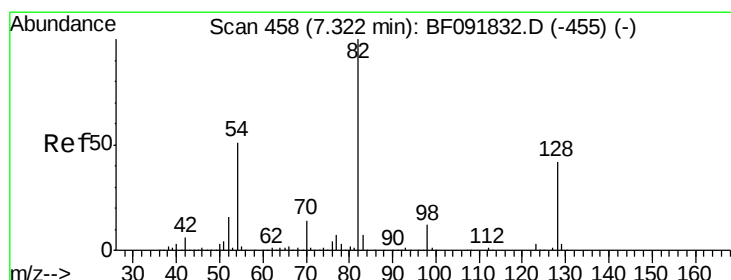
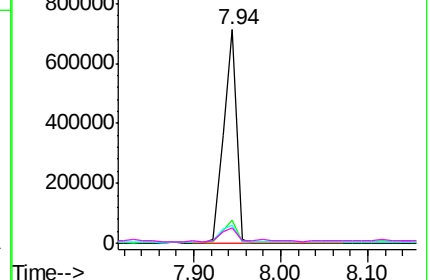
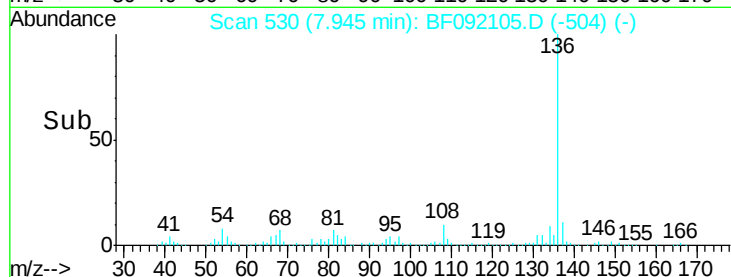


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.35 ng

RT: 7.22 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

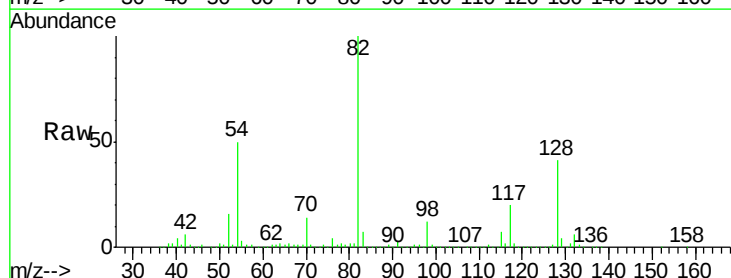
Tgt Ion: 82 Resp: 1158484

Ion Ratio Lower Upper

82 100

128 41.4 34.6 52.0

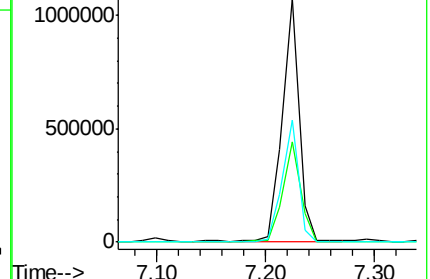
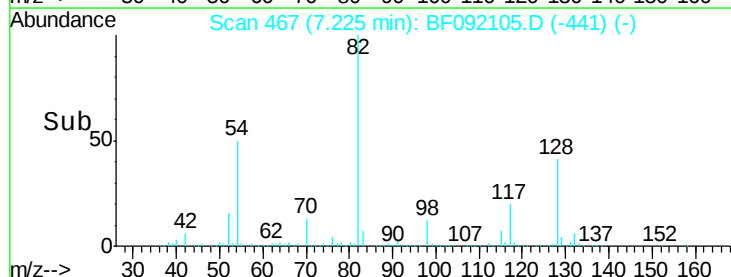
54 50.0 39.5 59.3

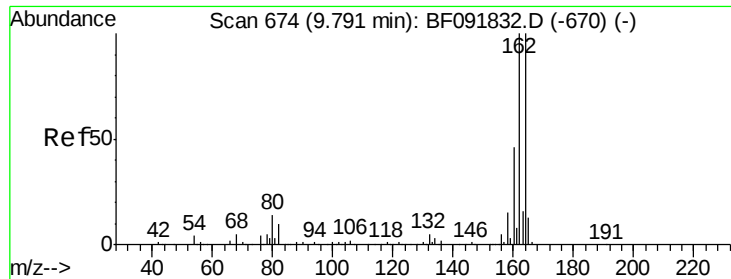


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.69 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

Instrument :

BNA_F

ClientSampled :

MW-37

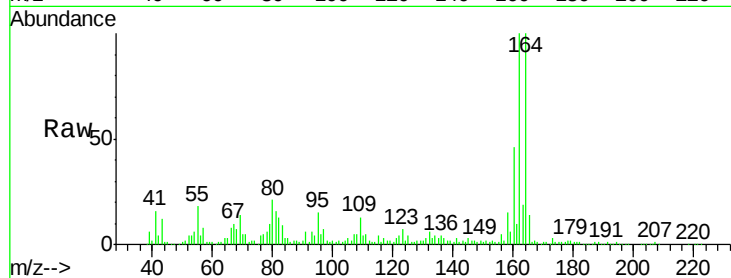
Tot Ion:164 Resp: 395622

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

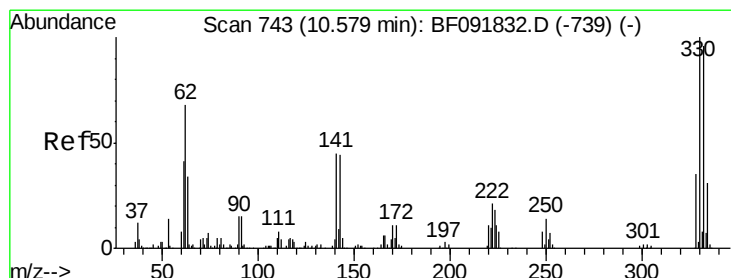
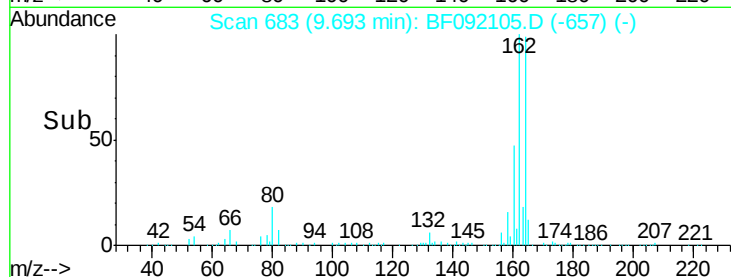
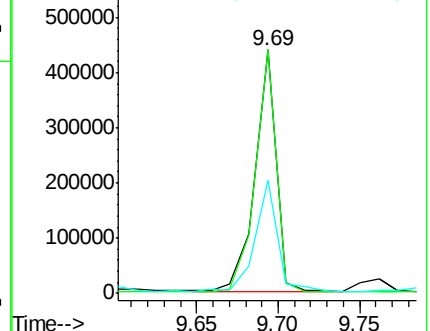
160 46.5 36.9 55.3



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: 135.58 ng

RT: 10.49 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

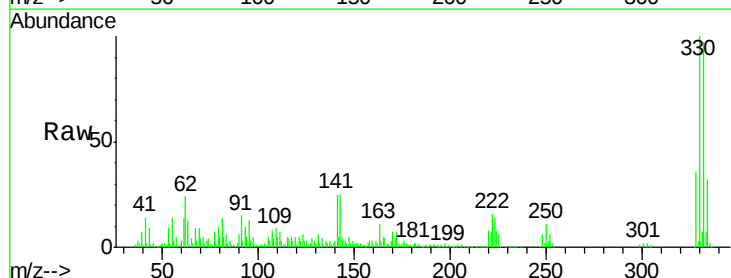
Tgt Ion:330 Resp: 443901

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

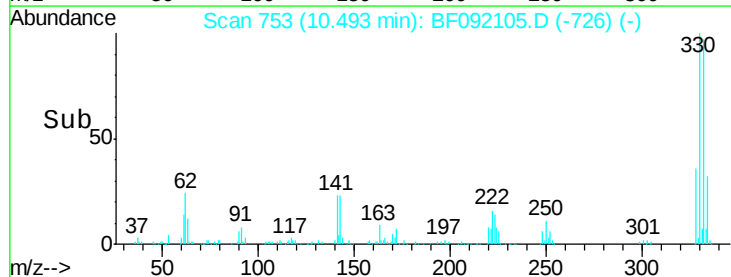
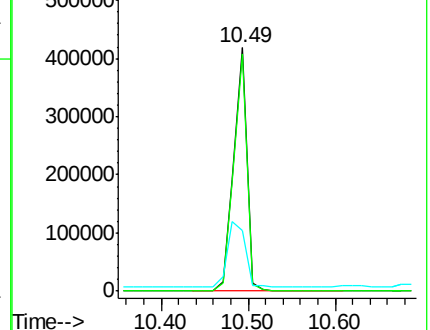
141 36.9 34.1 51.1

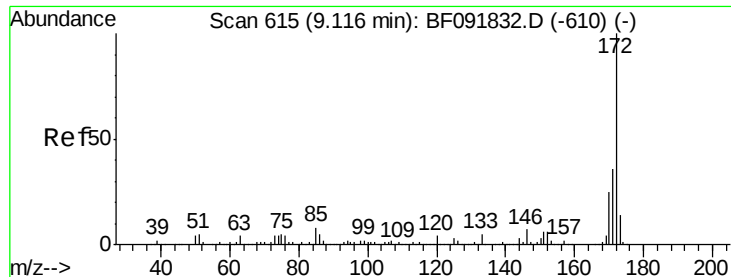


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

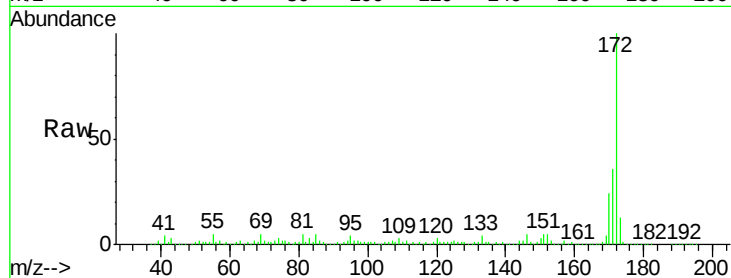




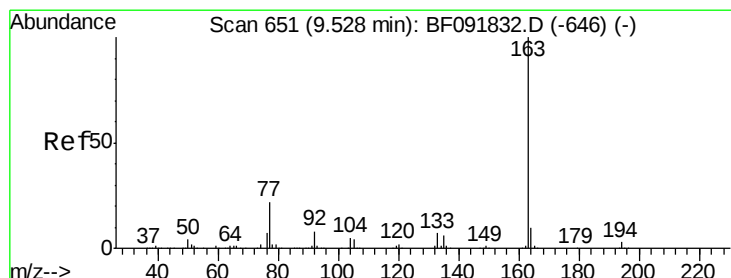
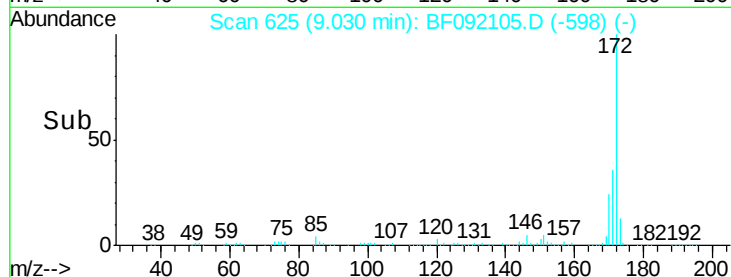
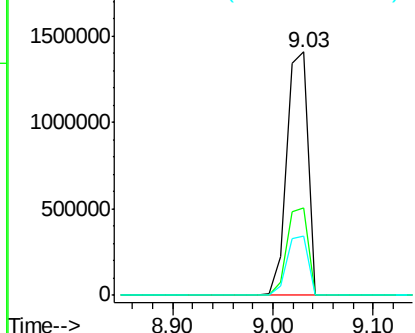
#44
 2-Fluorobiphenyl
 Concen: 110.39 ng
 RT: 9.03 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF092105.D
 Acq: 5 Jan 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Tot Ion:172 Resp: 2057092
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.1 20.2 30.4

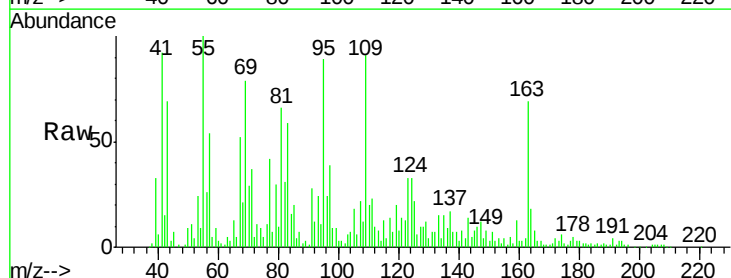


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

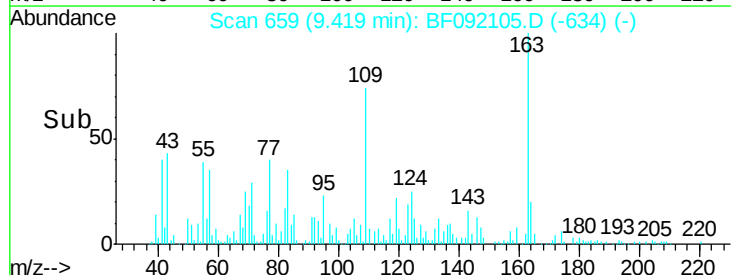
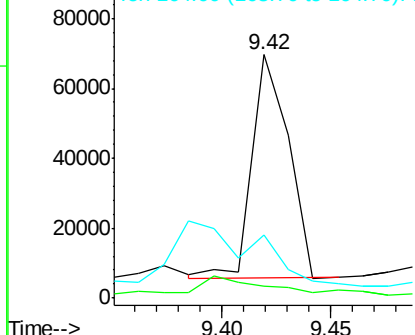


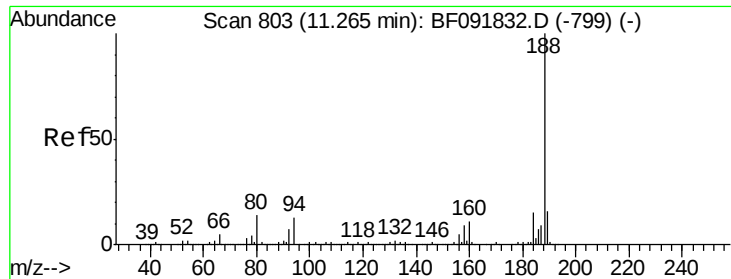
#49
 Dimethylphthalate
 Concen: 2.95 ng
 RT: 9.42 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: BF092105.D
 Acq: 5 Jan 2017 22:47

Tgt Ion:163 Resp: 74712
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.0 4.4#
 164 26.0 8.0 12.0#



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

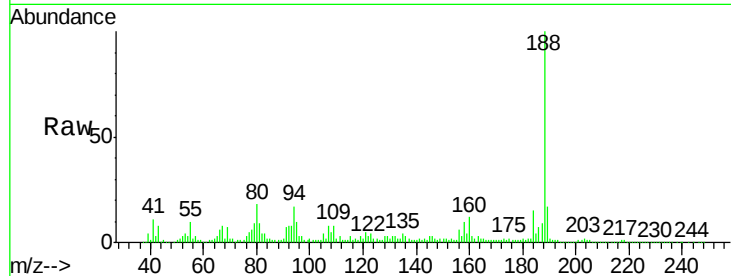




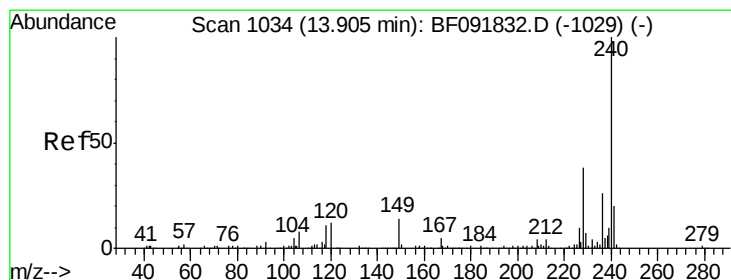
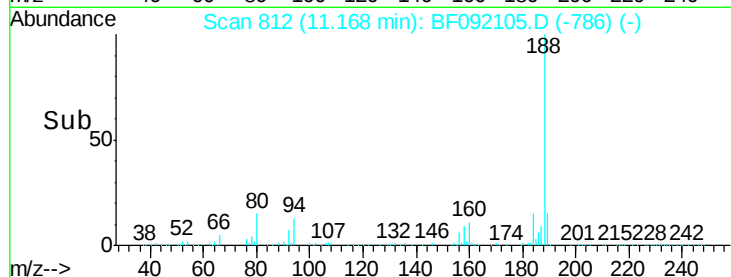
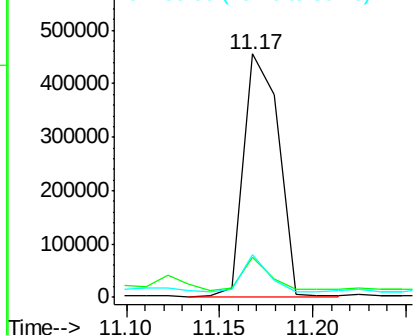
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF092105.D
Acq: 5 Jan 2017 22:47

Instrument :
BNA_F
ClientSampleId :
MW-37

Tot Ion:188 Resp: 587688
Ion Ratio Lower Upper
188 100
94 16.6 10.0 15.0#
80 17.6 11.2 16.8#

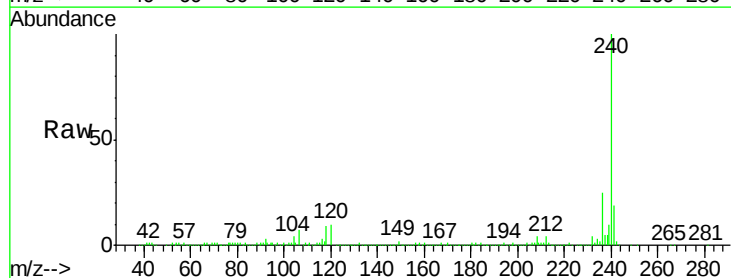


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

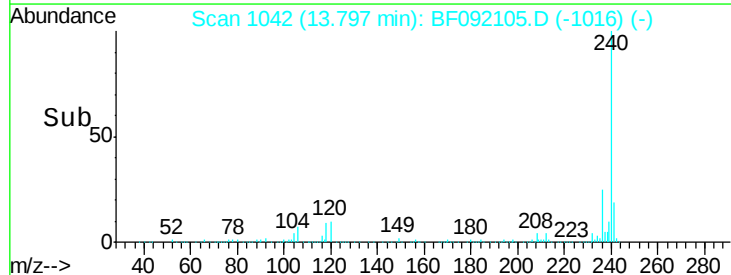
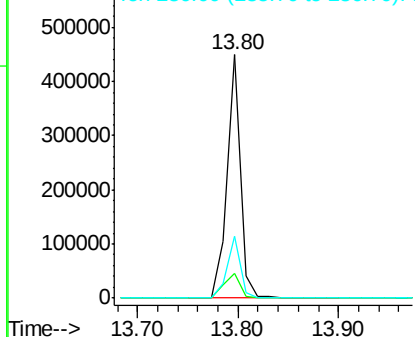


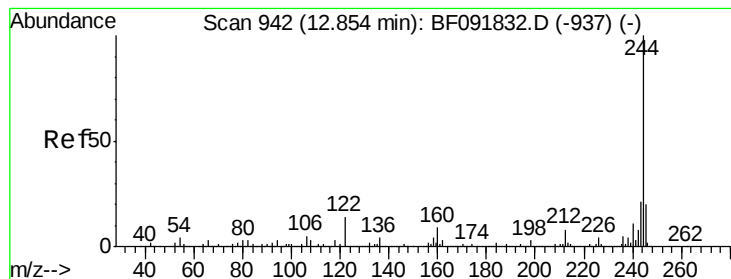
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF092105.D
Acq: 5 Jan 2017 22:47

Tgt Ion:240 Resp: 418531
Ion Ratio Lower Upper
240 100
120 10.4 12.9 19.3#
236 25.5 20.9 31.3



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: 79.89 ng

RT: 12.76 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

Instrument :

BNA_F

ClientSampleId :

MW-37

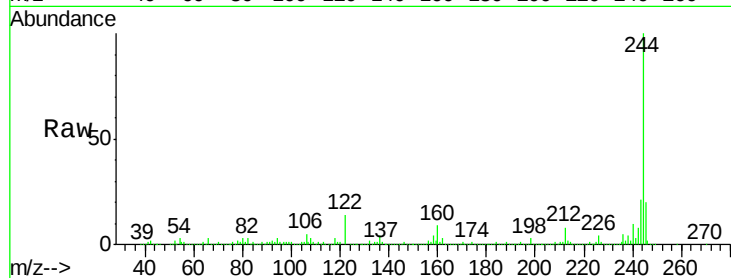
Tot Ion:244 Resp: 1378689

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

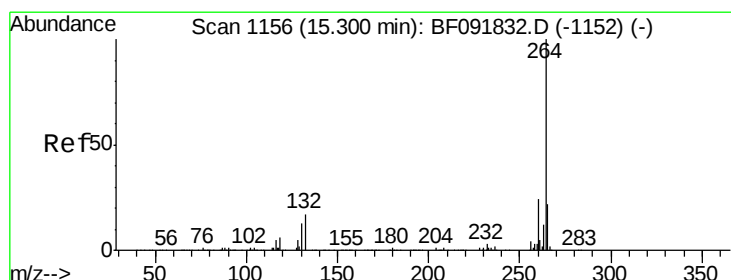
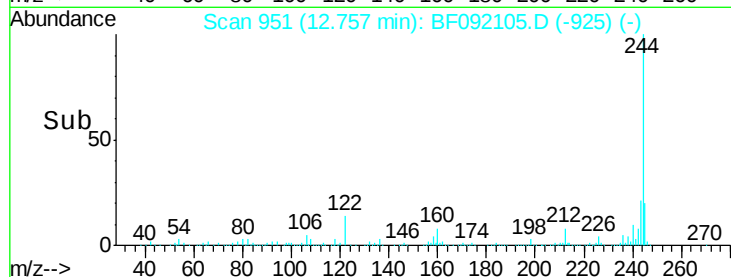
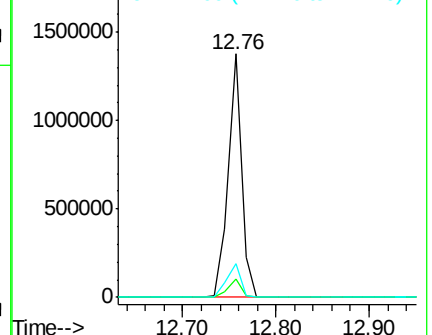
122 13.9 11.4 17.2



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# 1162

Delta R.T. 0.00 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

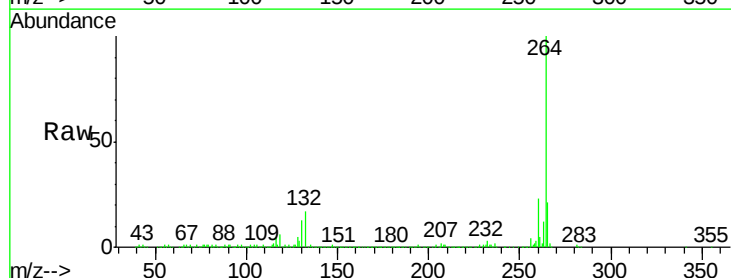
Tgt Ion:264 Resp: 364033

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.4 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

