

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
 Data File : BF092104.D
 Acq On : 5 Jan 2017 22:20
 Operator : UM/SJ
 Sample : I1004-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Jan 06 00:37:47 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

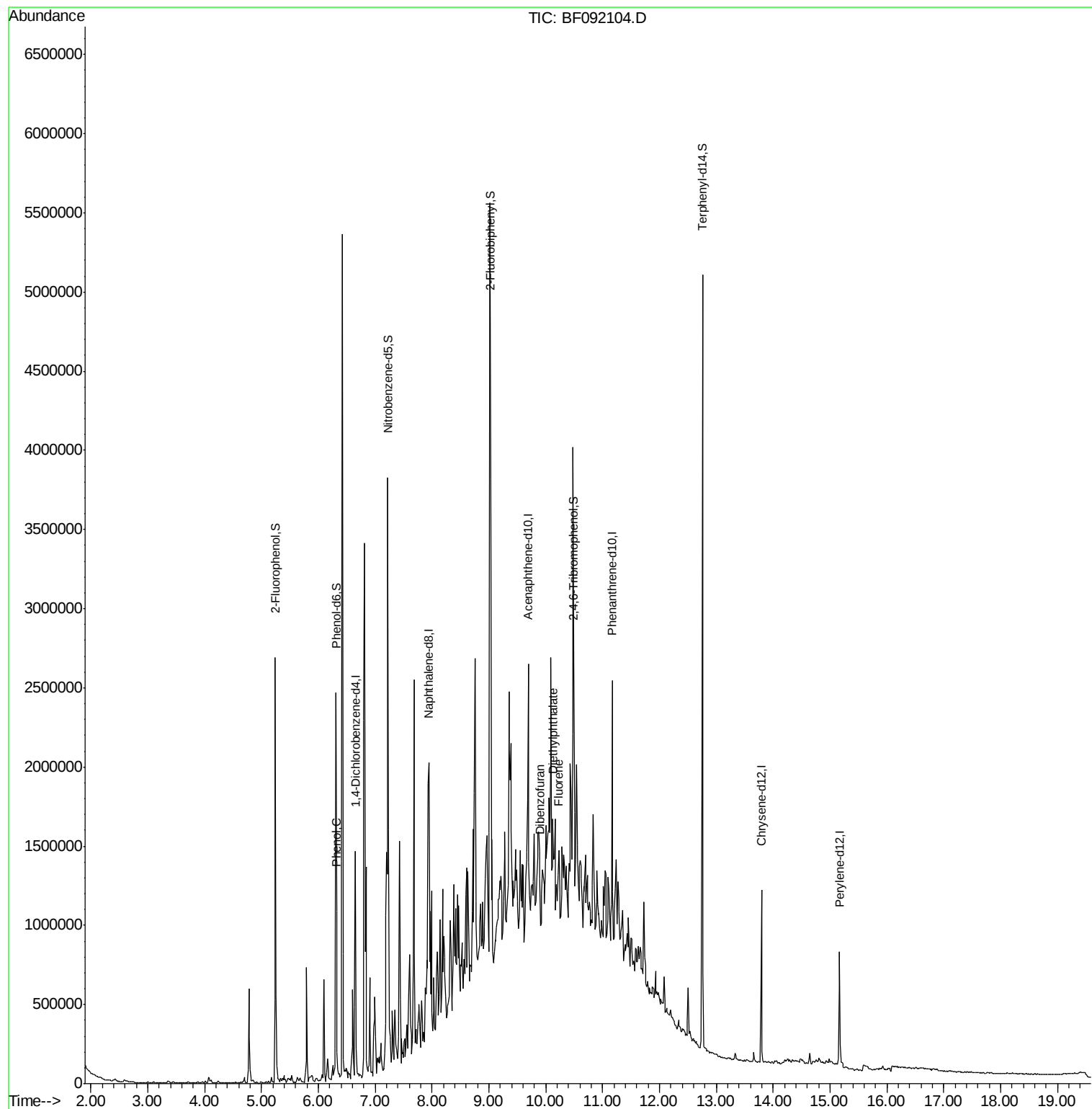
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	215870	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	729459	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	396371	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	580312	20.00	ng	0.00
75) Chrysene-d12	13.80	240	407953	20.00	ng	0.00
86) Perylene-d12	15.17	264	348071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	800285	61.90	ng	0.00
7) Phenol-d6	6.31	99	943148	59.75	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1092295	83.26	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	478446	145.86	ng	0.01
44) 2-Fluorobiphenyl	9.02	172	2064138	110.58	ng	0.00
78) Terphenyl-d14	12.76	244	1565988	93.10	ng	0.00
Target Compounds						
10) Phenol	6.32	94	43750	2.43	ng	88
54) Dibenzofuran	9.90	168	79313	2.62	ng	# 92
57) Fluorene	10.23	166	59061	2.68	ng	# 94
59) Diethylphthalate	10.13	149	147811	6.00	ng	# 90

(#) = 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: BF092104.D

Acq: 5 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

MW-18

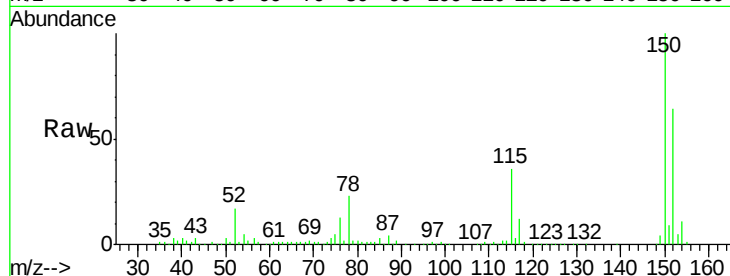
Tot Ion:152 Resp: 215870

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

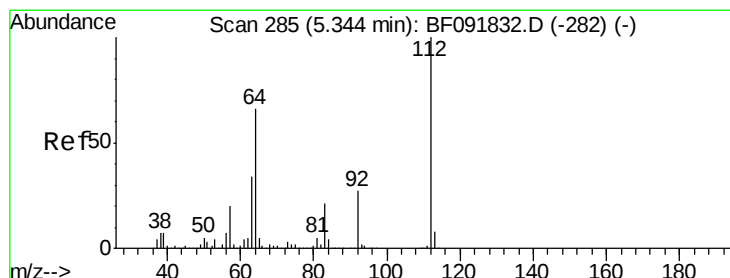
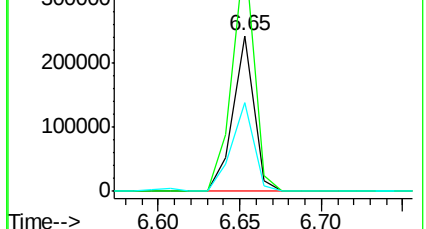
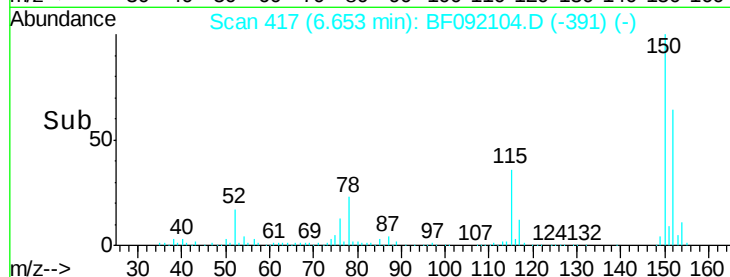
115 56.7 46.0 69.0



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: 61.90 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF092104.D

Acq: 5 Jan 2017 22:20

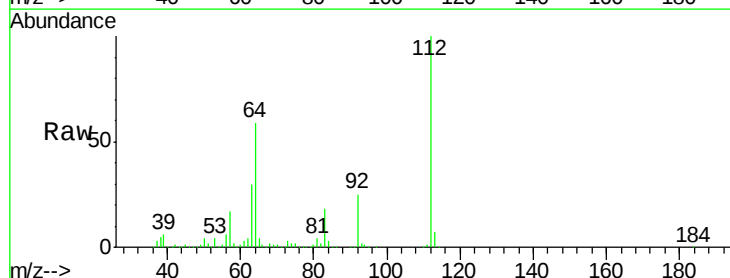
Tgt Ion:112 Resp: 800285

Ion Ratio Lower Upper

112 100

64 58.9 46.1 69.1

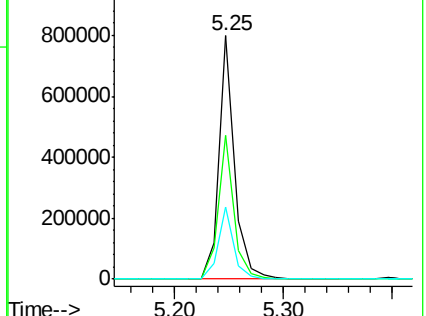
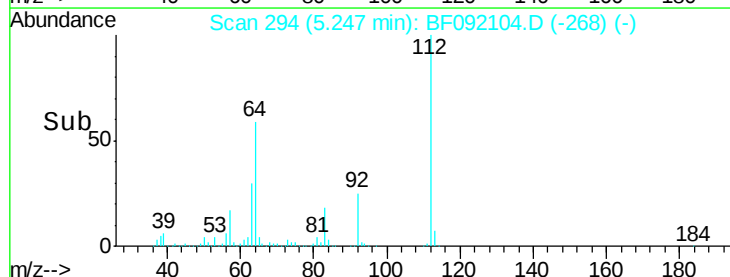
63 29.8 23.8 35.6

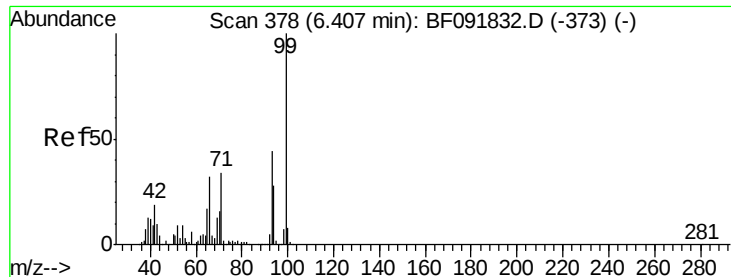


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 59.75 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF092104.D

Acq: 5 Jan 2017 22:20

Instrument :

BNA_F

ClientSampled :

MW-18

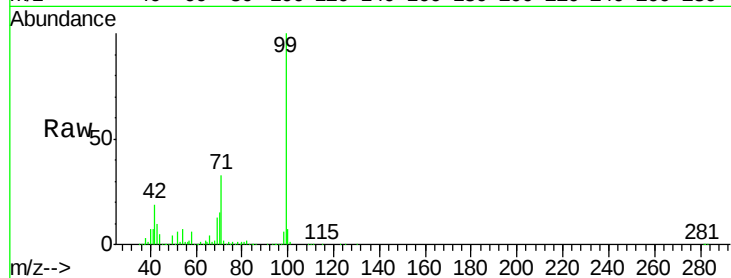
Tot Ion: 99 Resp: 943148

Ion Ratio Lower Upper

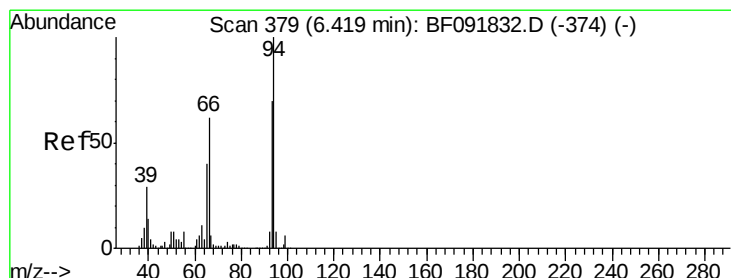
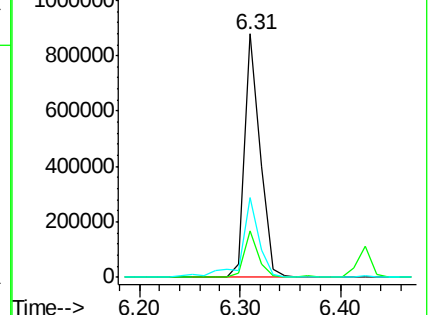
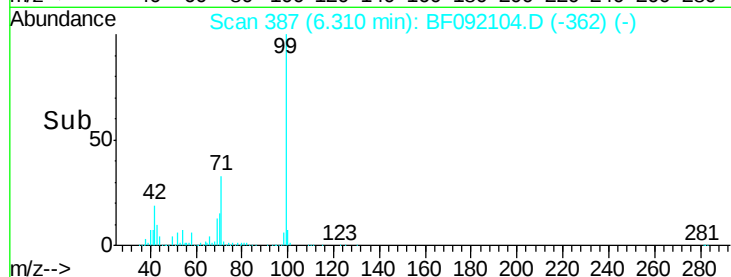
99 100

42 18.9 15.6 23.4

71 32.6 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: 2.43 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092104.D

Acq: 5 Jan 2017 22:20

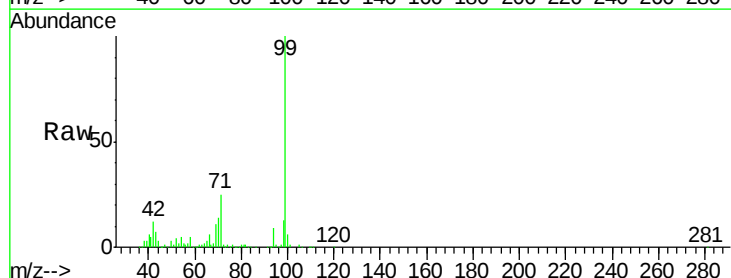
Tgt Ion: 94 Resp: 43750

Ion Ratio Lower Upper

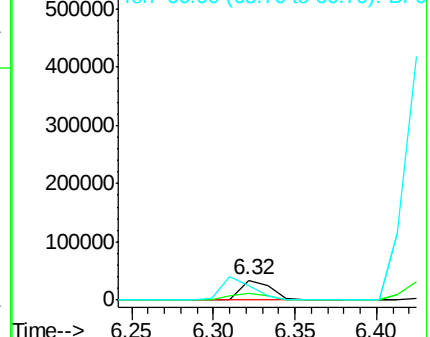
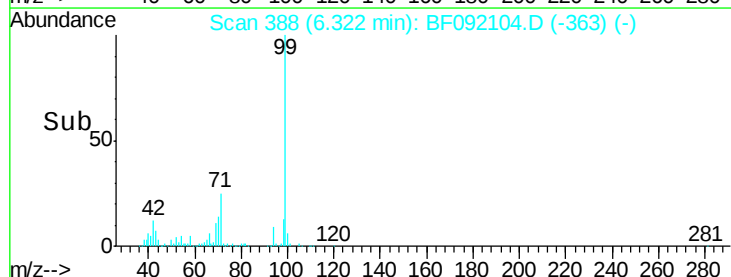
94 100

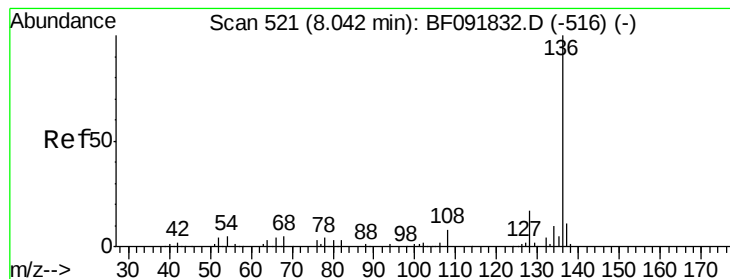
65 37.1 21.4 61.4

66 75.5 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: BF092104.D

Acq: 5 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

MW-18

Tot Ion:136 Resp: 729459

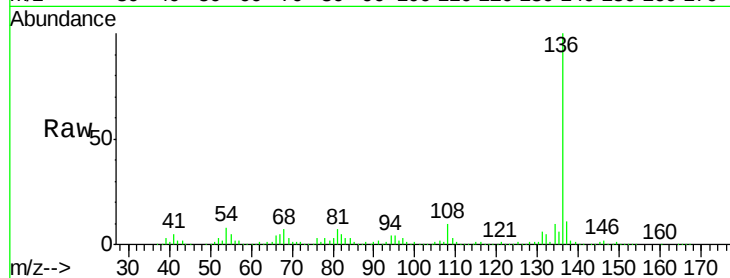
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 7.6 4.5 6.7#

68 6.7 3.6 5.4#

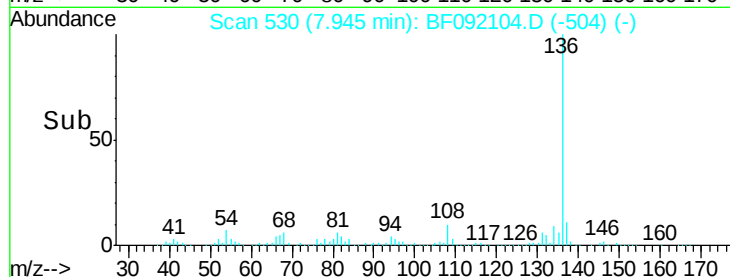


Abundance Ion 136.00 (135.70 to 136.70): E

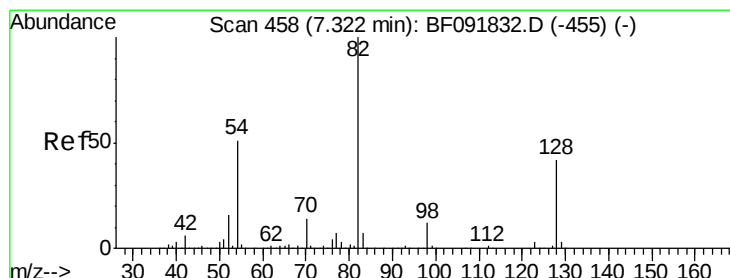
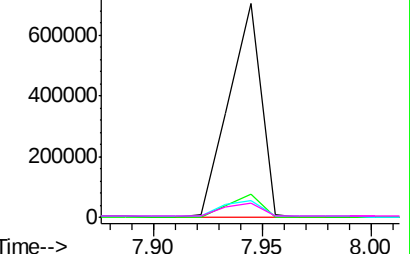
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 83.26 ng

RT: 7.22 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF092104.D

Acq: 5 Jan 2017 22:20

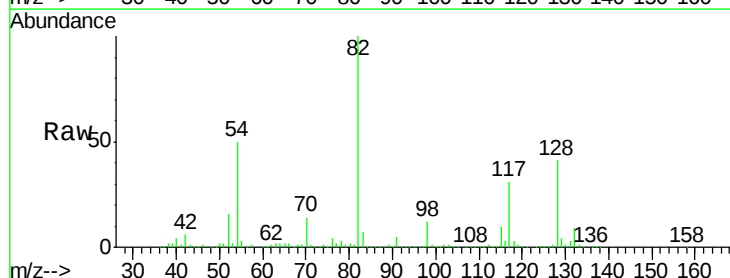
Tgt Ion: 82 Resp: 1092295

Ion Ratio Lower Upper

82 100

128 41.1 34.6 52.0

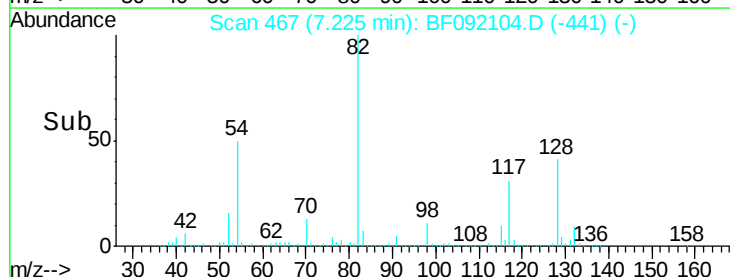
54 50.2 39.5 59.3



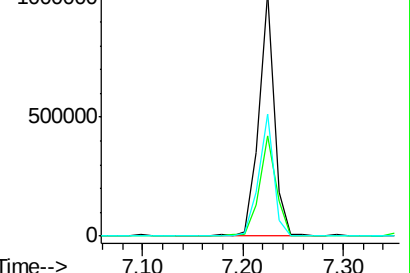
Abundance Ion 82.00 (81.70 to 82.70): BF0

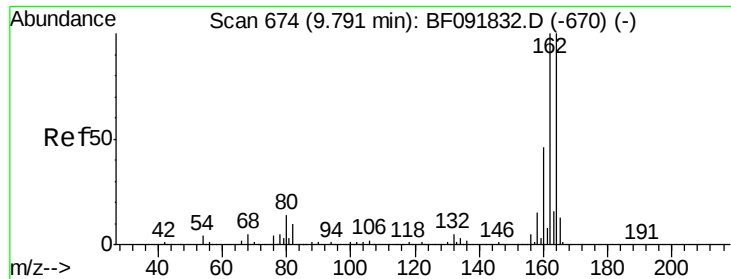
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF092104.D

Acq: 5 Jan 2017 22:20

Instrument :

BNA_F

ClientSampled :

MW-18

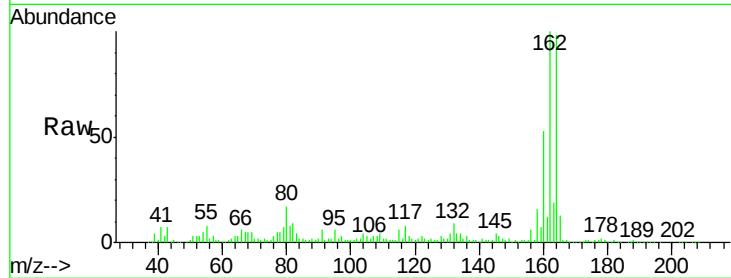
Tot Ion:164 Resp: 396371

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

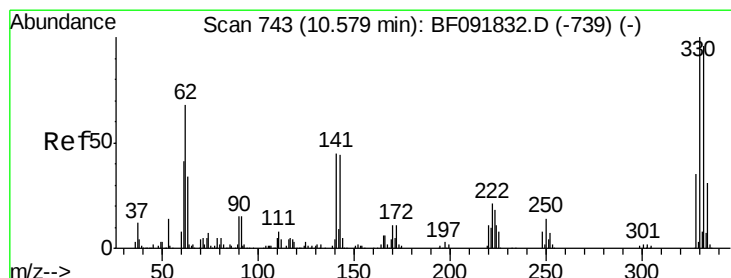
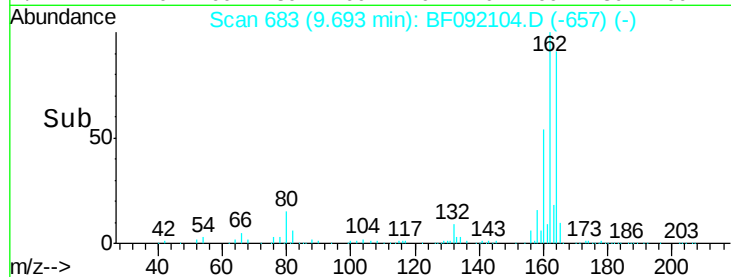
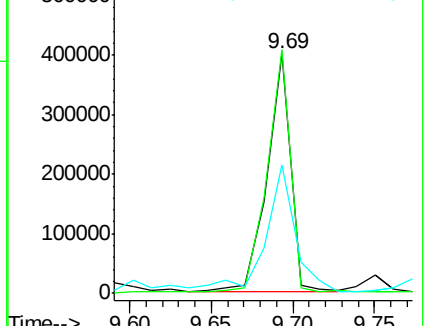
160 53.4 36.9 55.3



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: 145.86 ng

RT: 10.49 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF092104.D

Acq: 5 Jan 2017 22:20

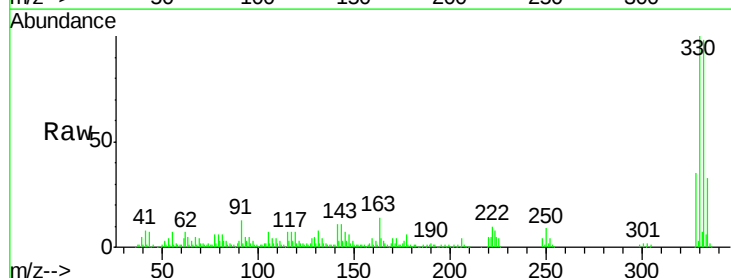
Tgt Ion:330 Resp: 478446

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

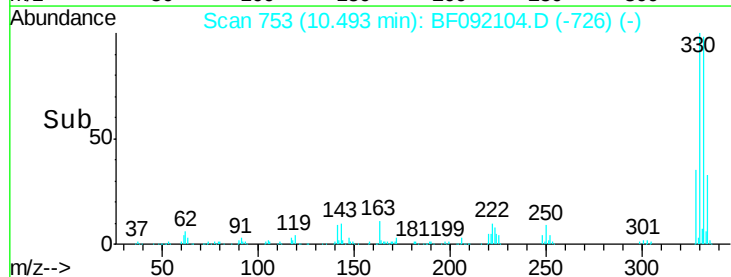
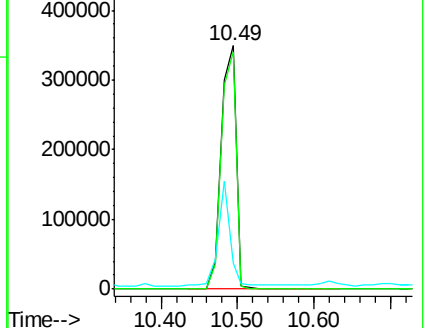
141 32.9 34.1 51.1#

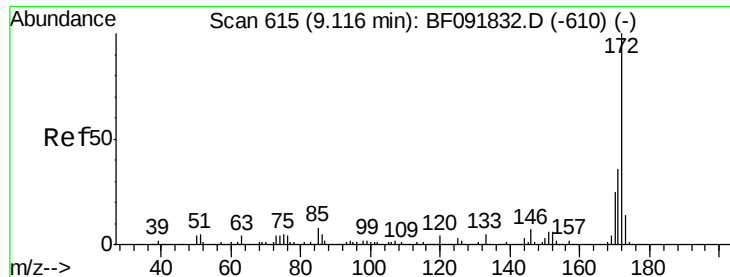


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 110.58 ng

RT: 9.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF092104.D

Acq: 5 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

MW-18

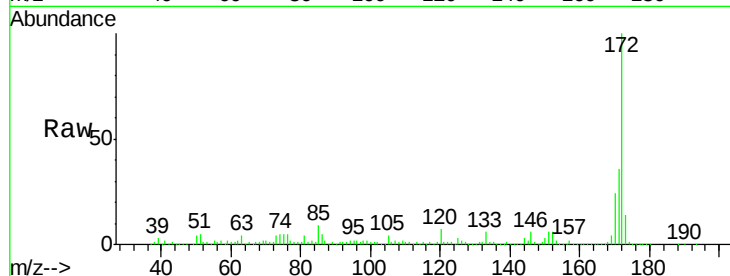
Tot Ion:172 Resp: 2064138

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

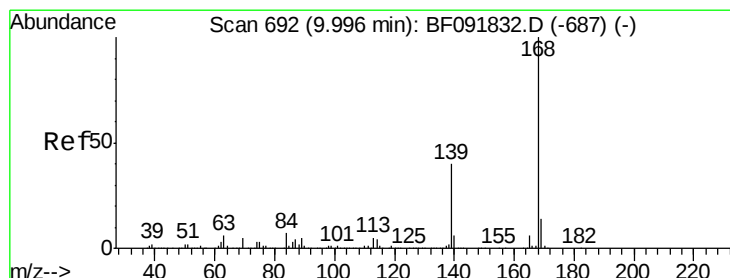
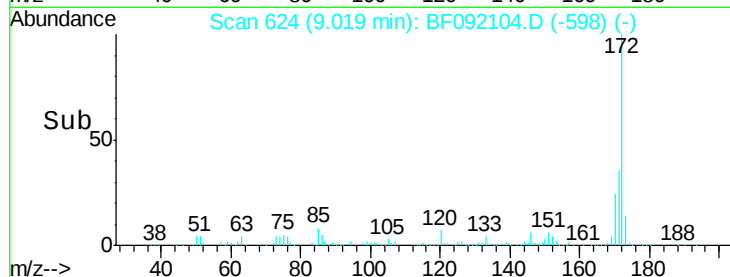
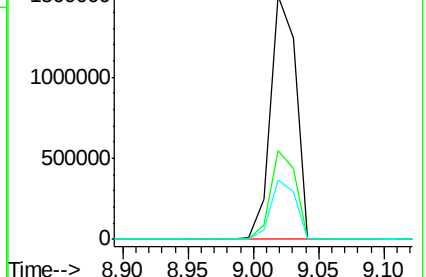
170 24.4 20.2 30.4



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



#54

Dibenzofuran

Concen: 2.62 ng

RT: 9.90 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF092104.D

Acq: 5 Jan 2017 22:20

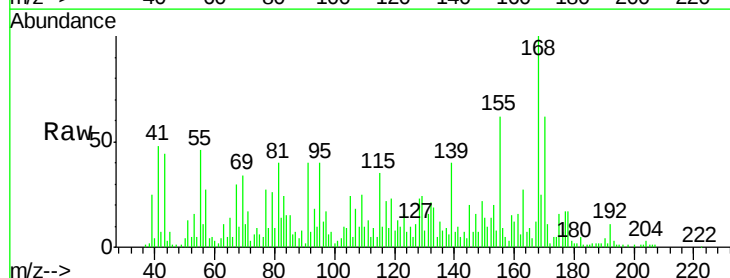
Tgt Ion:168 Resp: 79313

Ion Ratio Lower Upper

168 100

139 40.0 32.6 49.0

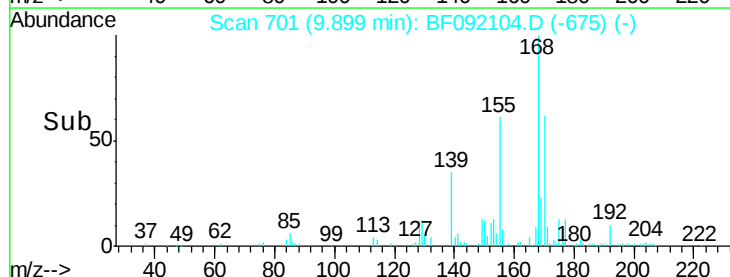
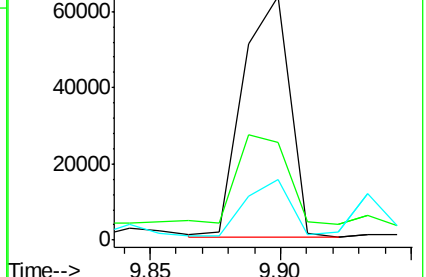
169 24.6 11.3 16.9#

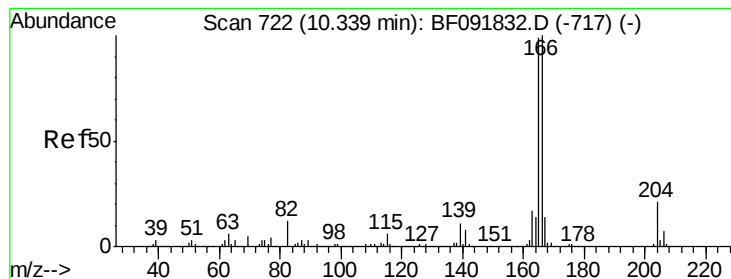


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 2.68 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF092104.D

Acq: 5 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

MW-18

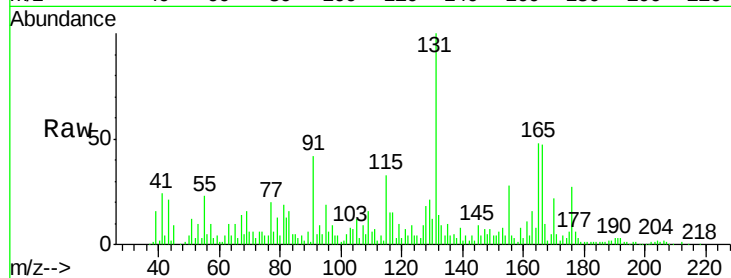
Tot Ion:166 Resp: 59061

Ion Ratio Lower Upper

166 100

165 101.1 77.8 116.8

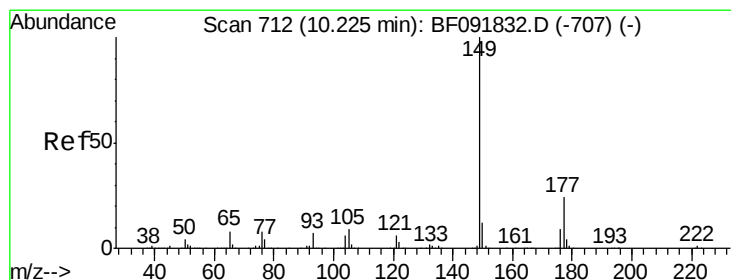
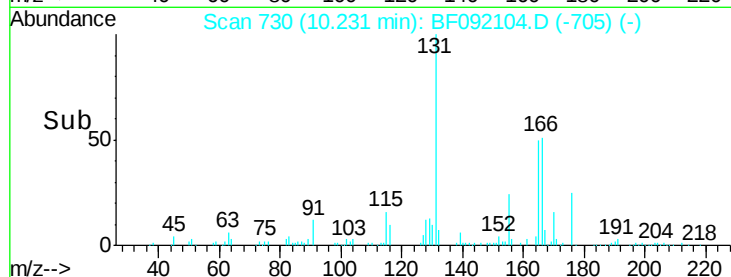
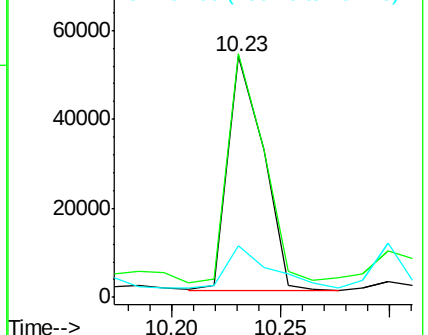
167 21.5 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 6.00 ng

RT: 10.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF092104.D

Acq: 5 Jan 2017 22:20

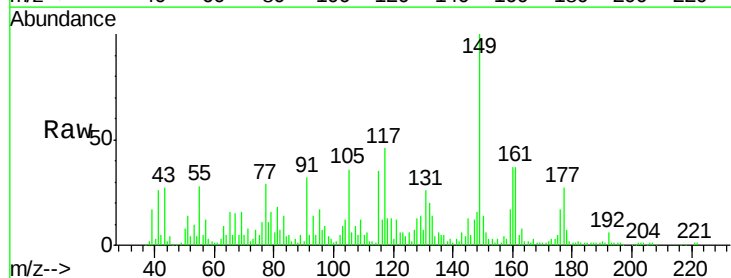
Tgt Ion:149 Resp: 147811

Ion Ratio Lower Upper

149 100

177 27.5 16.6 25.0#

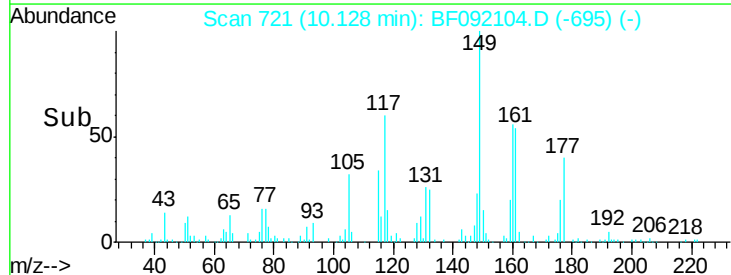
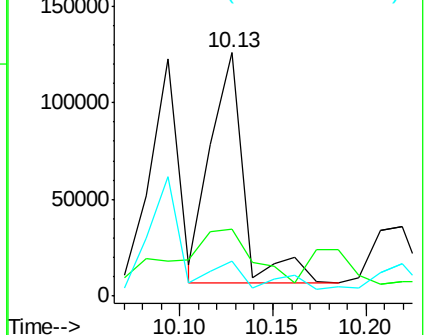
150 14.4 10.4 15.6

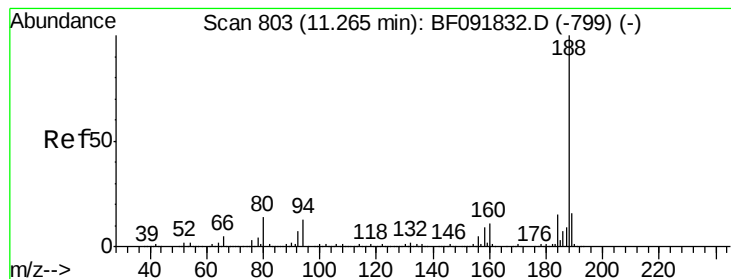


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF092104.D

Acq: 5 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

MW-18

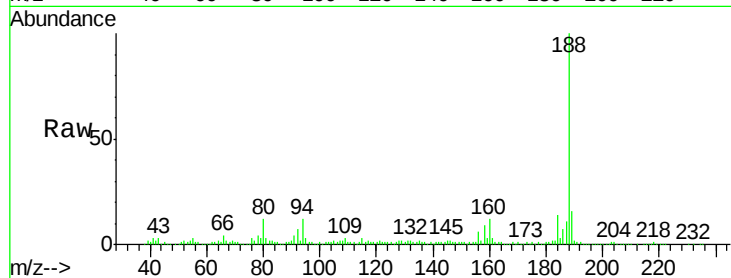
Tot Ion:188 Resp: 580312

Ion Ratio Lower Upper

188 100

94 11.9 10.0 15.0

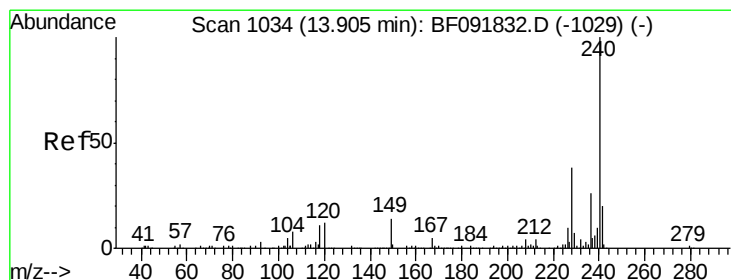
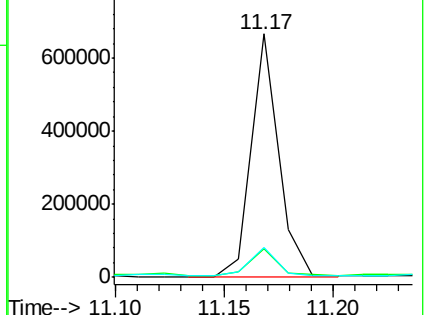
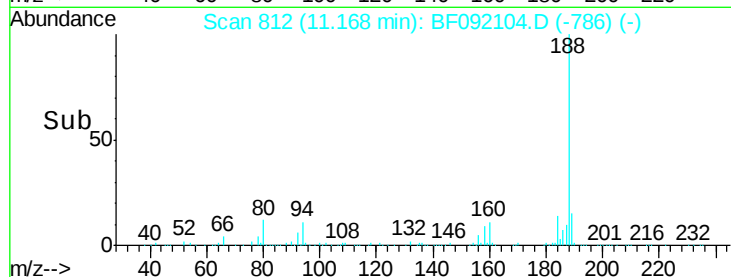
80 12.4 11.2 16.8



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: BF092104.D

Acq: 5 Jan 2017 22:20

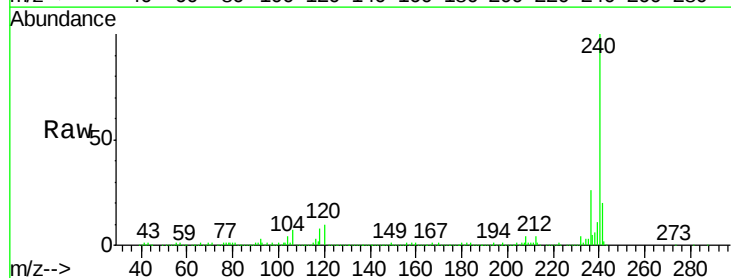
Tgt Ion:240 Resp: 407953

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

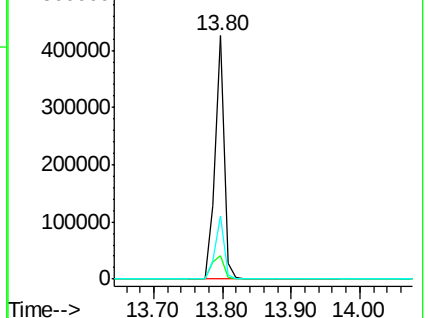
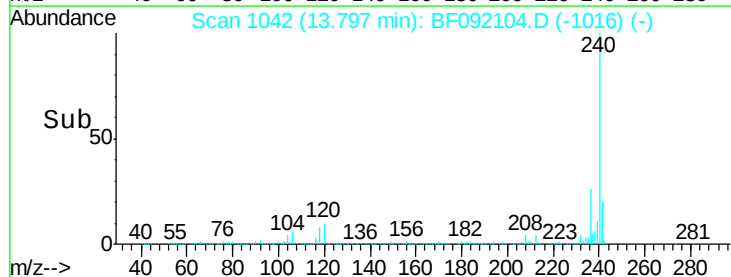
236 26.2 20.9 31.3

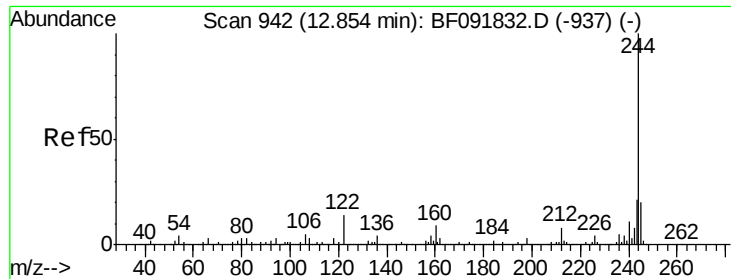


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.10 ng

RT: 12.76 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF092104.D

Acq: 5 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

MW-18

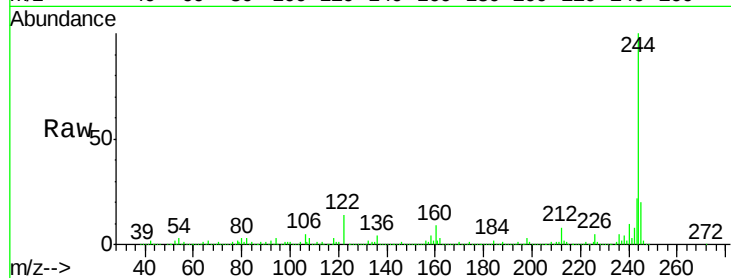
Tot Ion:244 Resp: 1565988

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

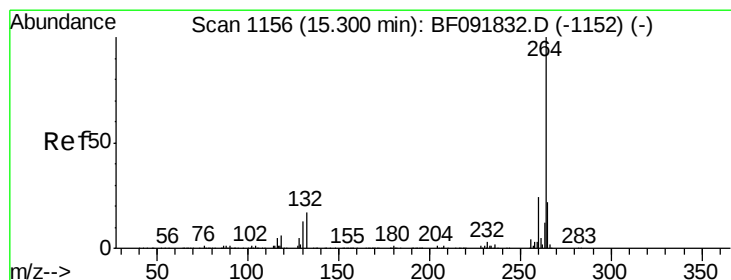
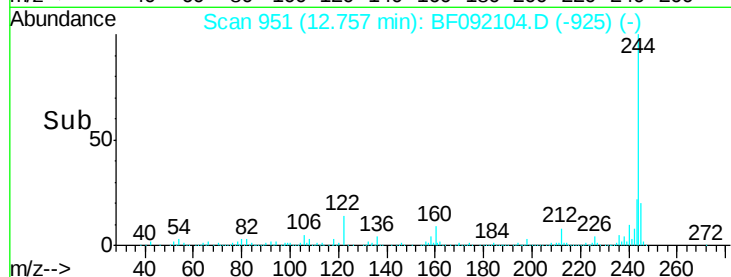
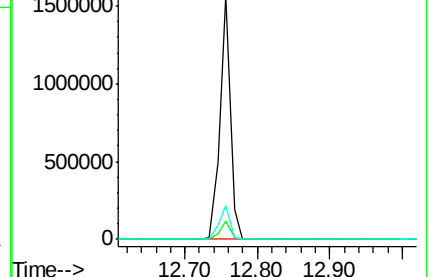
122 14.0 11.4 17.2



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: BF092104.D

Acq: 5 Jan 2017 22:20

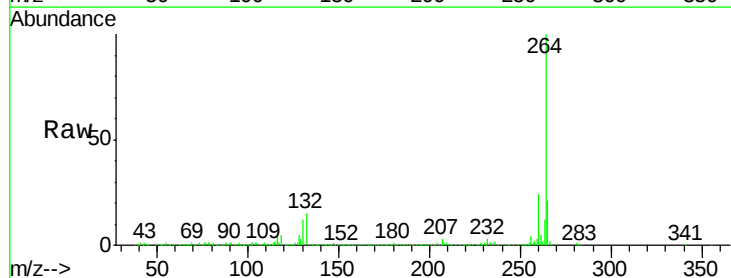
Tgt Ion:264 Resp: 348071

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.5 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

