

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092088.D
 Acq On : 5 Jan 2017 00:37
 Operator : UM/SJ
 Sample : I1004-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Jan 05 01:26:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 05 00:16:49 2017
 Response via : Initial Calibration

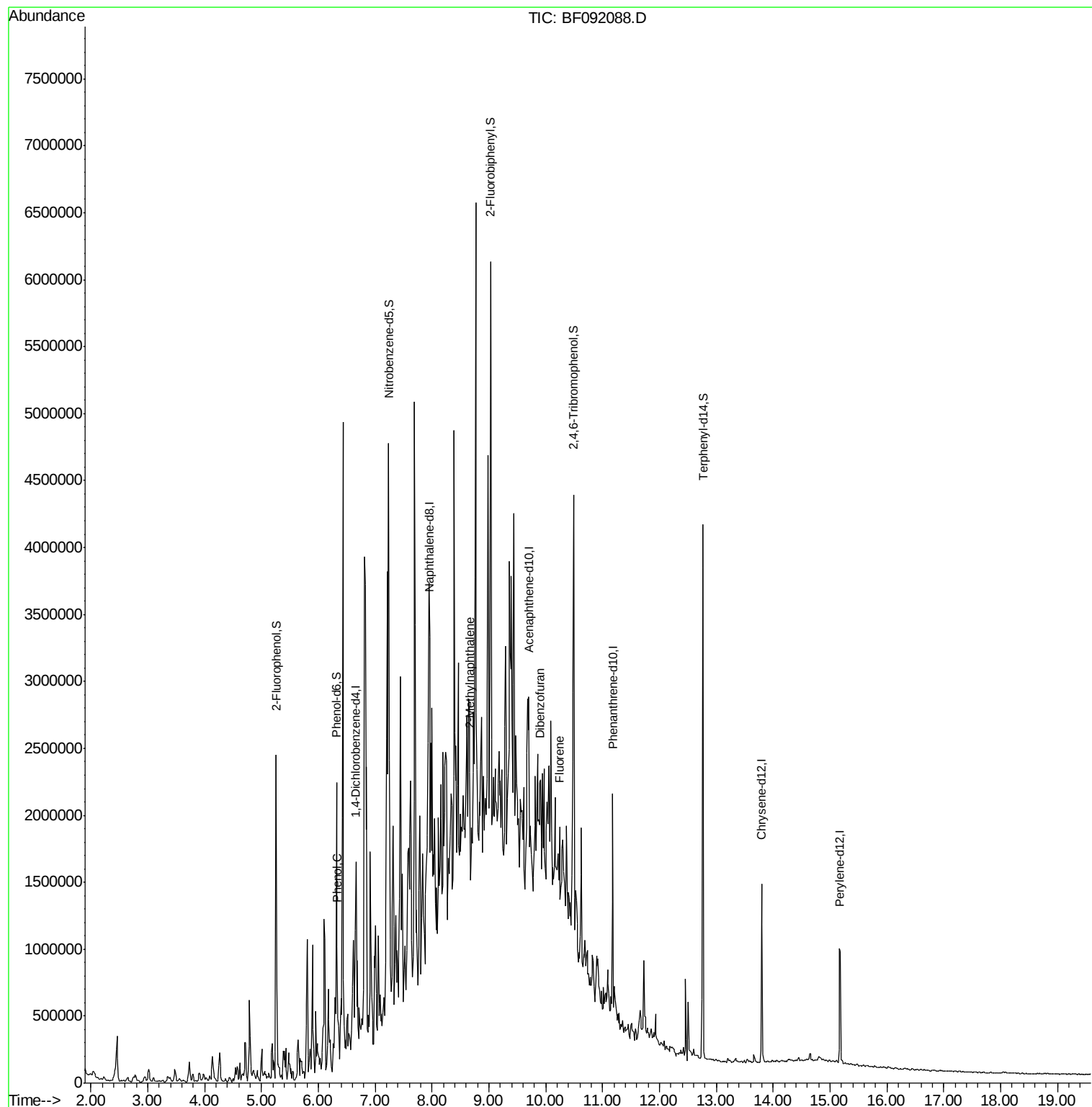
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	207740	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	623237	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	368268	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	715873	20.00	ng	0.00
75) Chrysene-d12	13.80	240	582500	20.00	ng	-0.01
86) Perylene-d12	15.18	264	481477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	710874	57.14	ng	0.00
7) Phenol-d6	6.32	99	711004	46.81	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1057611	94.36	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	461610	151.46	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1602222	89.88	ng	0.00
78) Terphenyl-d14	12.77	244	1892621	78.80	ng	0.00
Target Compounds						
10) Phenol	6.33	94	77861	4.50	ng	Qvalue 84
37) 2-Methylnaphthalene	8.66	142	290484	13.19	ng	98
54) Dibenzofuran	9.90	168	95425	3.39	ng	# 73
57) Fluorene	10.24	166	77407	3.78	ng	# 89

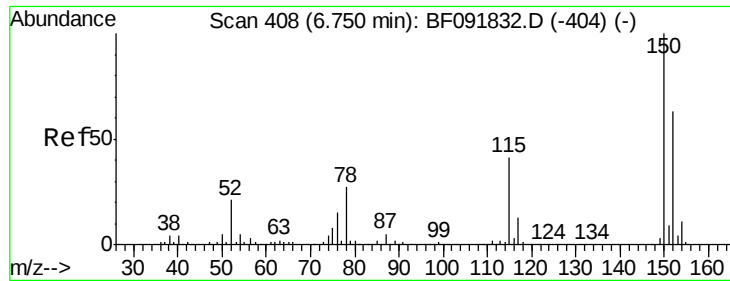
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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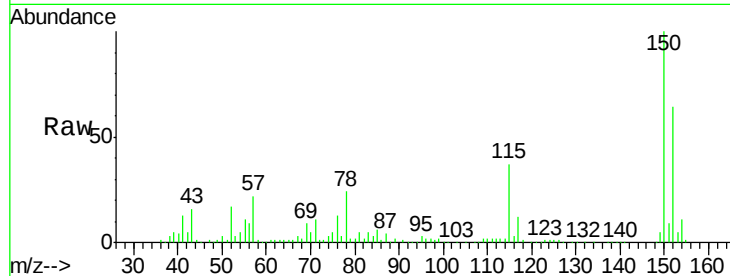


#1

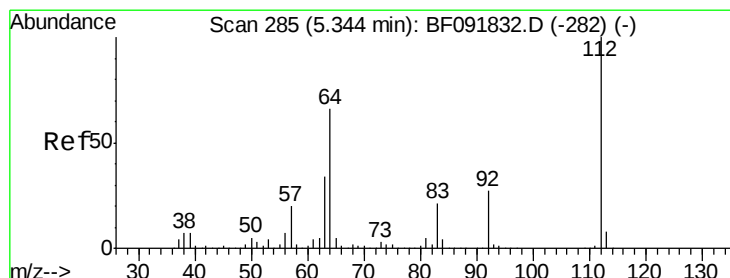
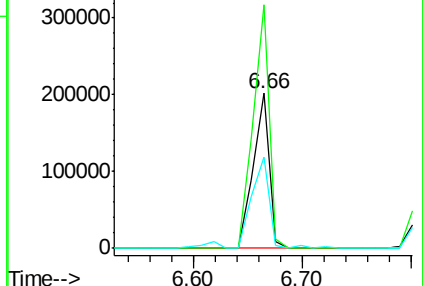
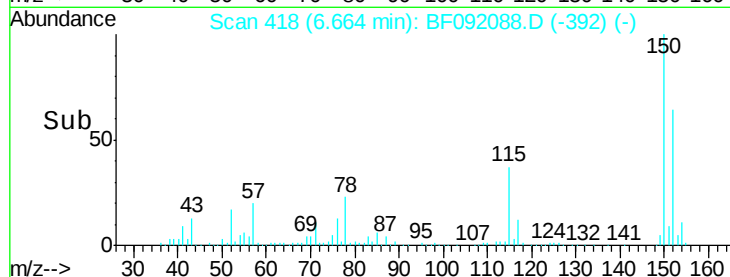
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF092088.D
 Acq: 5 Jan 2017 00:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tot Ion:152 Resp: 207740
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.9 187.3
 115 58.7 46.0 69.0



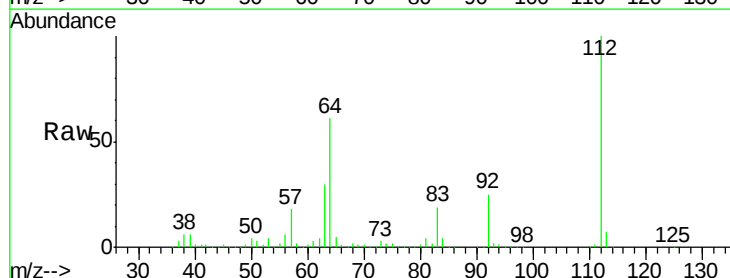
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



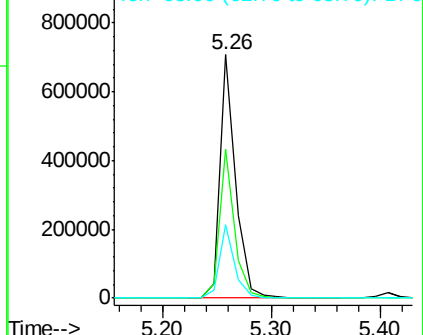
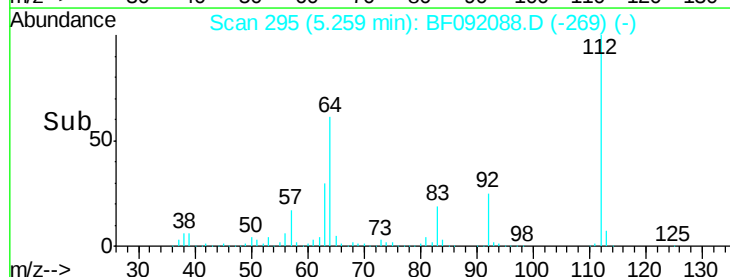
#5

2-Fluorophenol
 Concen: 57.14 ng
 RT: 5.26 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: BF092088.D
 Acq: 5 Jan 2017 00:37

Tgt Ion:112 Resp: 710874
 Ion Ratio Lower Upper
 112 100
 64 61.1 46.1 69.1
 63 30.4 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: 46.81 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092088.D

Acq: 5 Jan 2017 00:37

Instrument :

BNA_F

ClientSampled :

MW-03

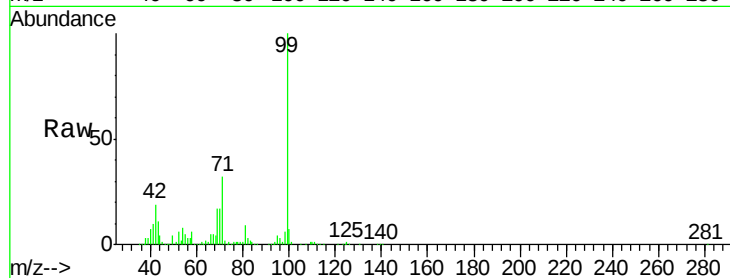
Tot Ion: 99 Resp: 711004

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

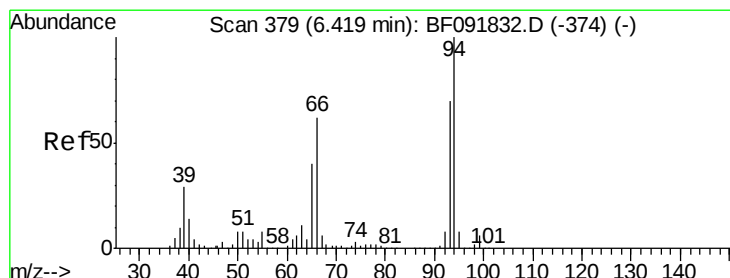
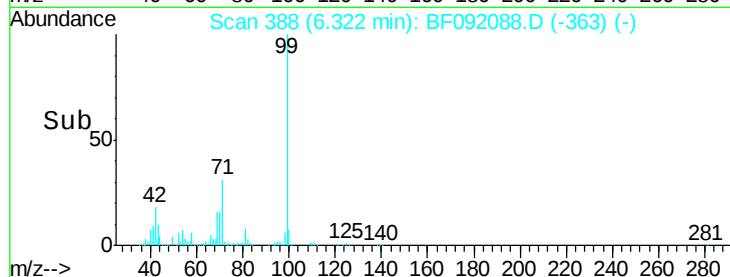
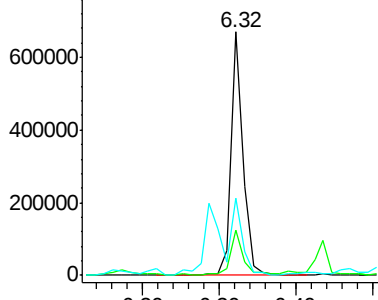
71 31.8 27.5 41.3



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: 4.50 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092088.D

Acq: 5 Jan 2017 00:37

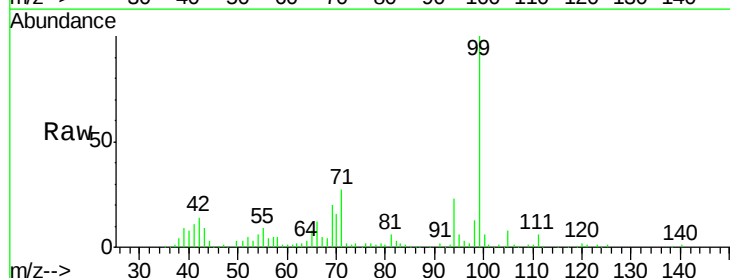
Tgt Ion: 94 Resp: 77861

Ion Ratio Lower Upper

94 100

65 32.9 21.4 61.4

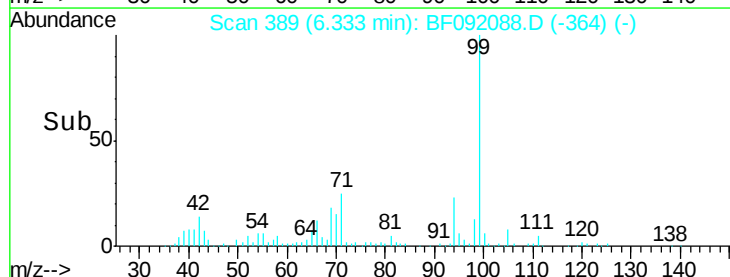
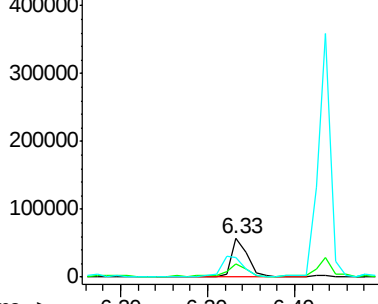
66 50.9 44.0 84.0

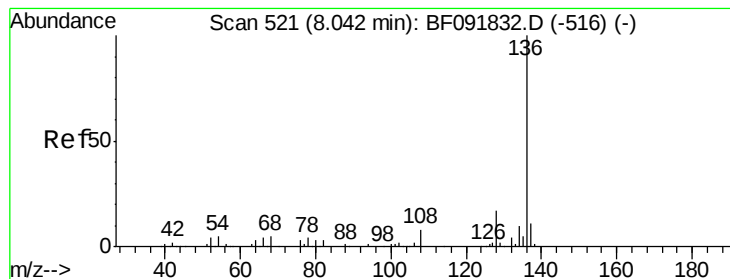


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.96 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF092088.D

Acq: 5 Jan 2017 00:37

Instrument :

BNA_F

ClientSampleId :

MW-03

Tot Ion:136 Resp: 623237

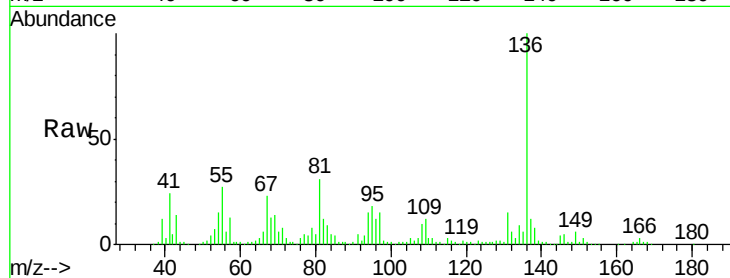
Ion Ratio Lower Upper

136 100

137 11.9 8.4 12.6

54 14.6 4.5 6.7#

68 13.1 3.6 5.4#

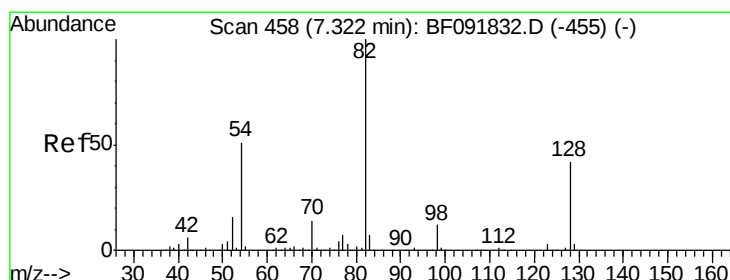
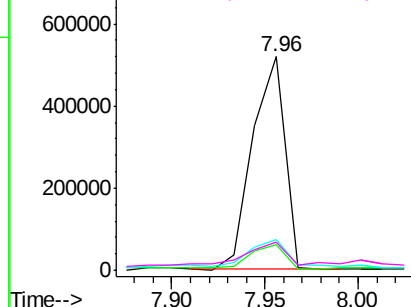
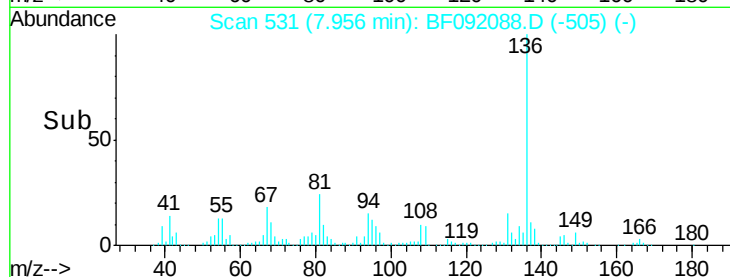


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.36 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF092088.D

Acq: 5 Jan 2017 00:37

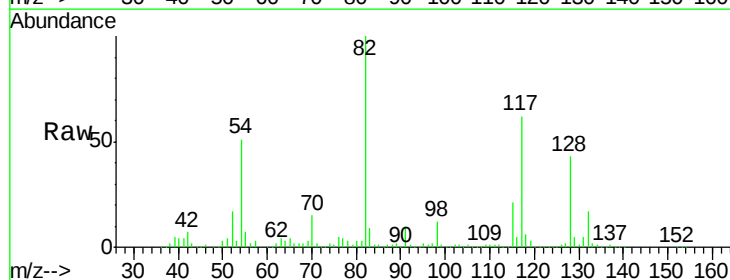
Tgt Ion: 82 Resp: 1057611

Ion Ratio Lower Upper

82 100

128 42.6 34.6 52.0

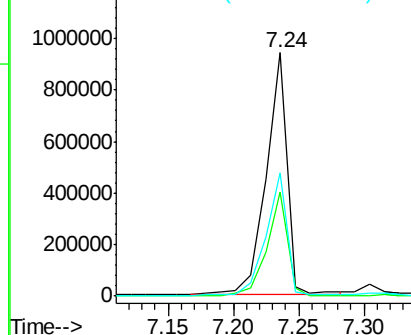
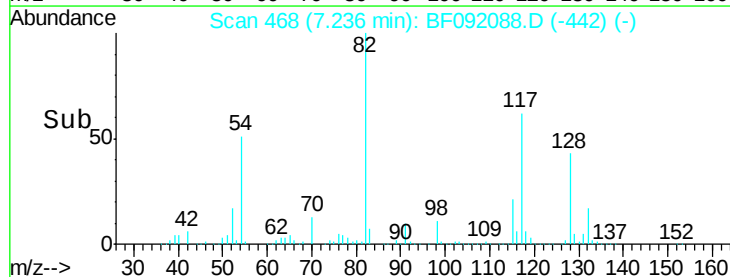
54 50.6 39.5 59.3

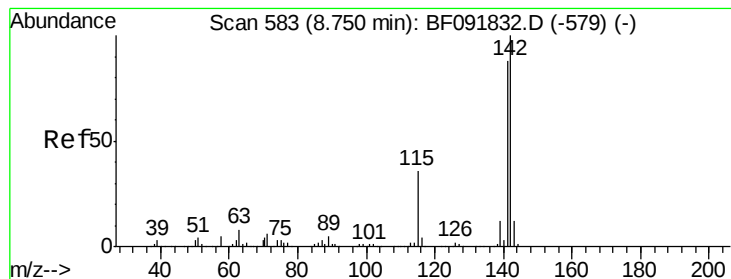


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#37

2-Methylnaphthalene

Concen: 13.19 ng

RT: 8.66 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF092088.D

Acq: 5 Jan 2017 00:37

Instrument :

BNA_F

ClientSampleId :

MW-03

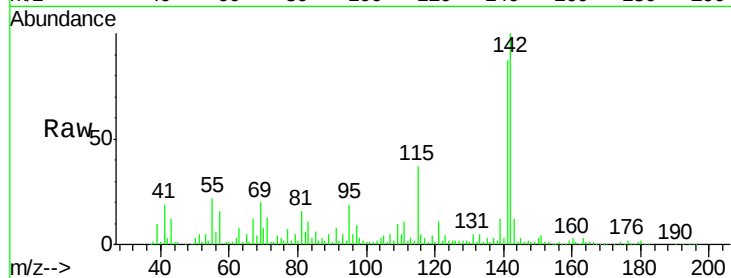
Tot Ion:142 Resp: 290484

Ion Ratio Lower Upper

142 100

141 87.3 71.0 106.6

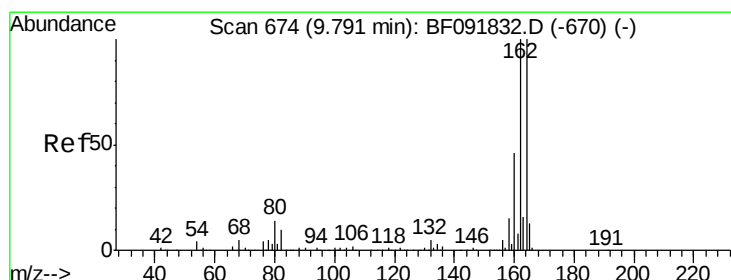
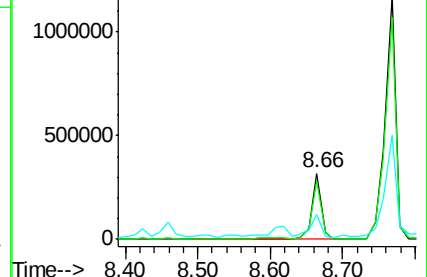
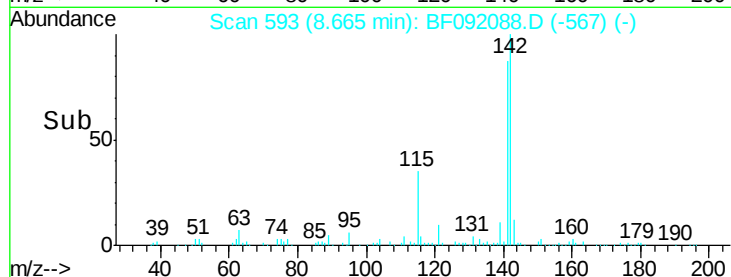
115 37.0 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF092088.D

Acq: 5 Jan 2017 00:37

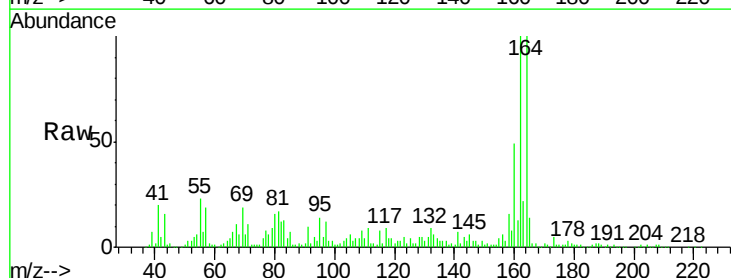
Tgt Ion:164 Resp: 368268

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

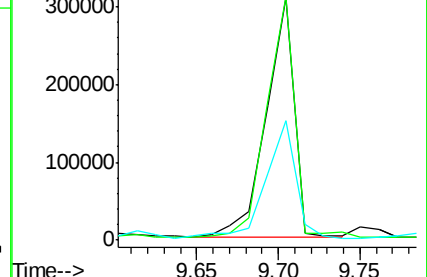
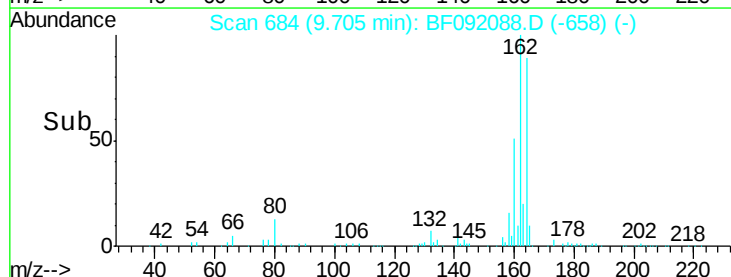
160 49.2 36.9 55.3

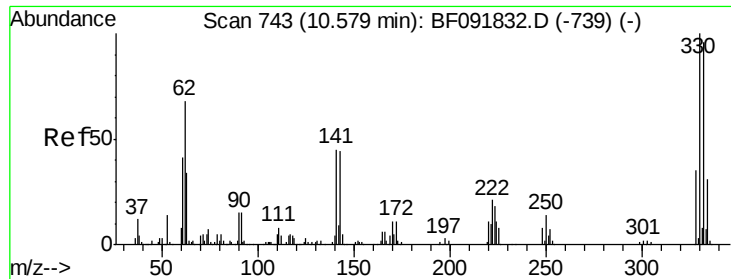


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

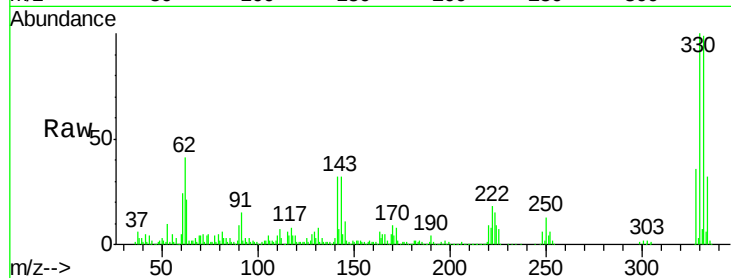




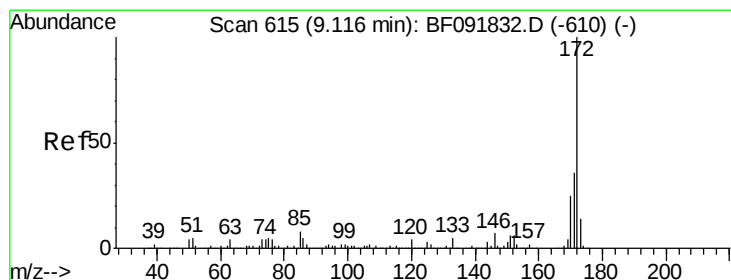
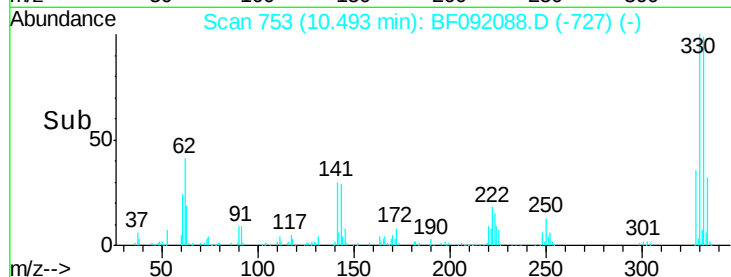
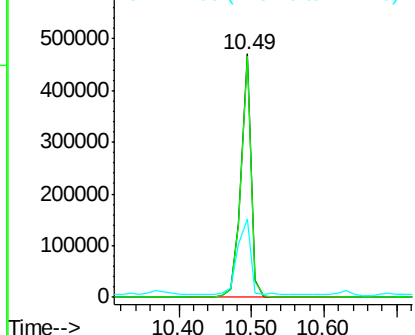
#41
 2,4,6-Tribromophenol
 Concen: 151.46 ng
 RT: 10.49 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092088.D
 Acq: 5 Jan 2017 00:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tot Ion:330 Resp: 461610
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.4 116.2
 141 40.5 34.1 51.1

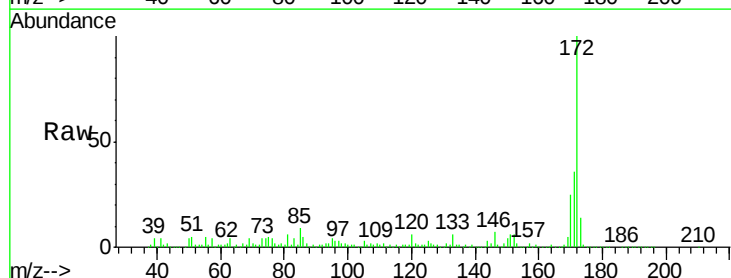


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

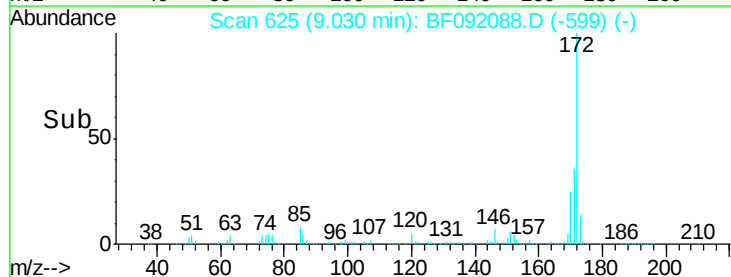
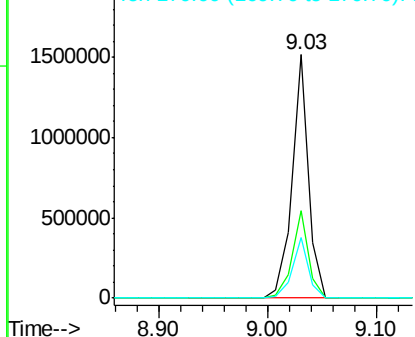


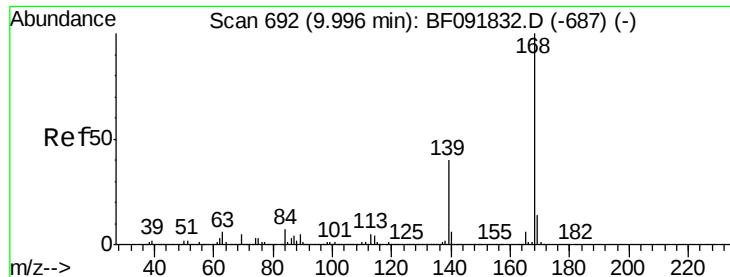
#44
 2-Fluorobiphenyl
 Concen: 89.88 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092088.D
 Acq: 5 Jan 2017 00:37

Tgt Ion:172 Resp: 1602222
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.8 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

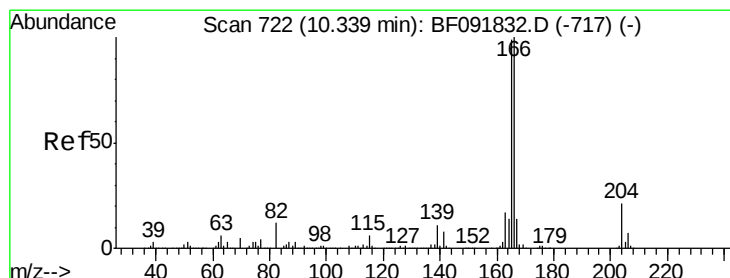
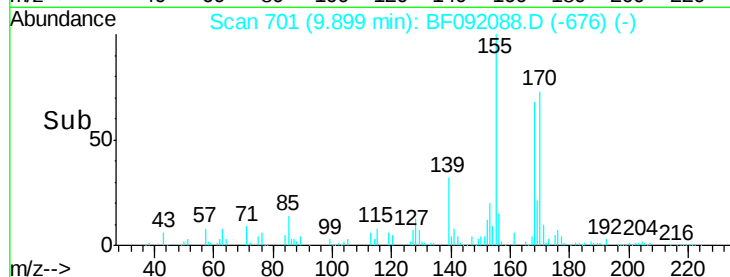
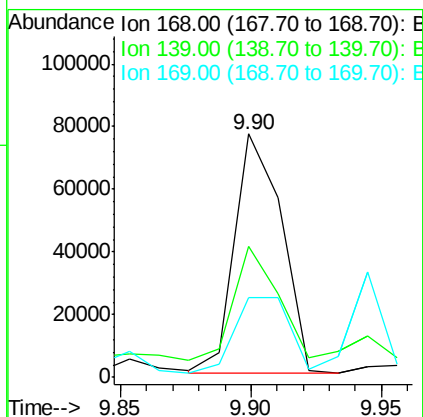
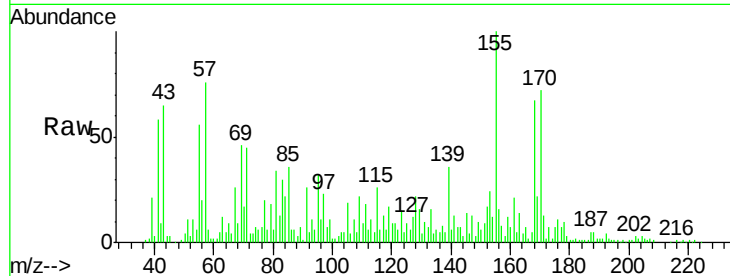




#54
Dibenzenofuran
Concen: 3.39 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF092088.D
Acq: 5 Jan 2017 00:37

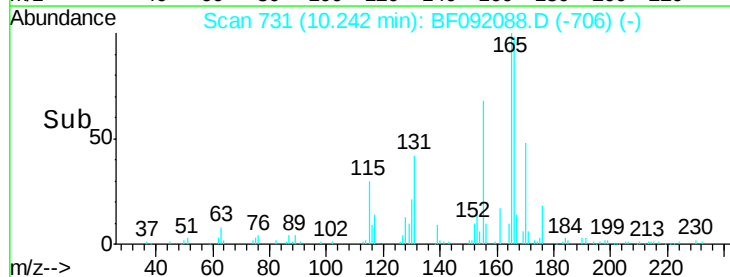
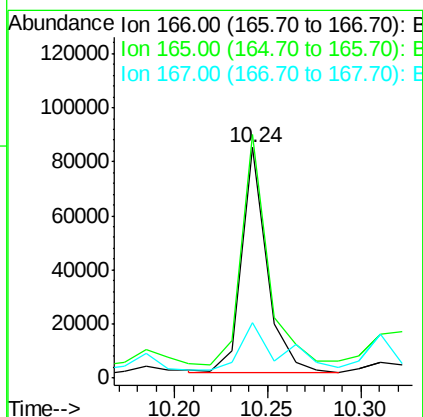
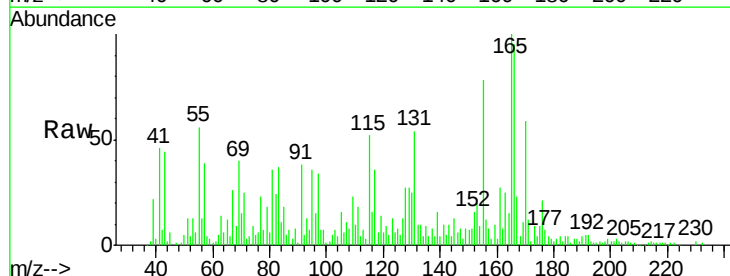
Instrument :
BNA_F
ClientSampled :
MW-03

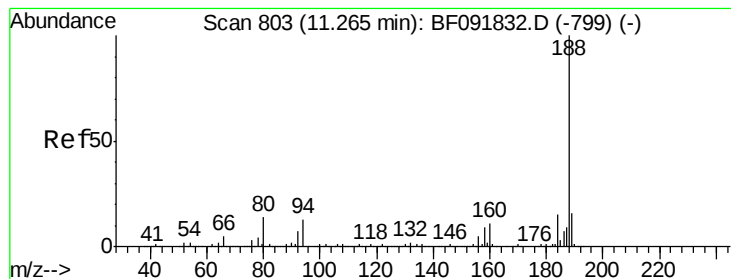
Tot Ion:168 Resp: 95425
Ion Ratio Lower Upper
168 100
139 53.6 32.6 49.0#
169 32.7 11.3 16.9#



#57
Fluorene
Concen: 3.78 ng
RT: 10.24 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF092088.D
Acq: 5 Jan 2017 00:37

Tgt Ion:166 Resp: 77407
Ion Ratio Lower Upper
166 100
165 105.7 77.8 116.8
167 23.8 10.8 16.2#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF092088.D

Acq: 5 Jan 2017 00:37

Instrument :

BNA_F

ClientSampleId :

MW-03

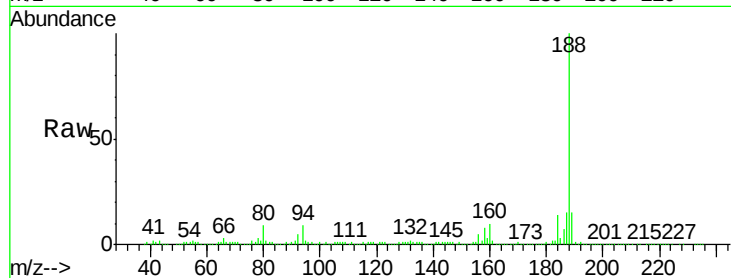
Tot Ion:188 Resp: 715873

Ion Ratio Lower Upper

188 100

94 8.6 10.0 15.0#

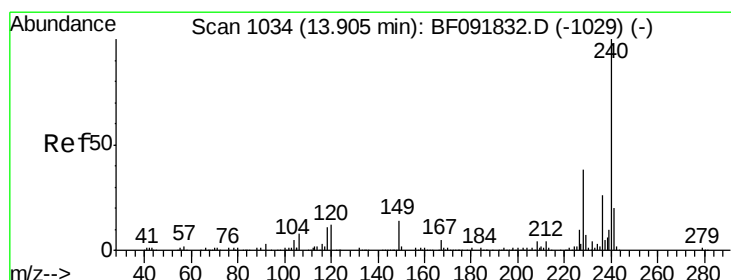
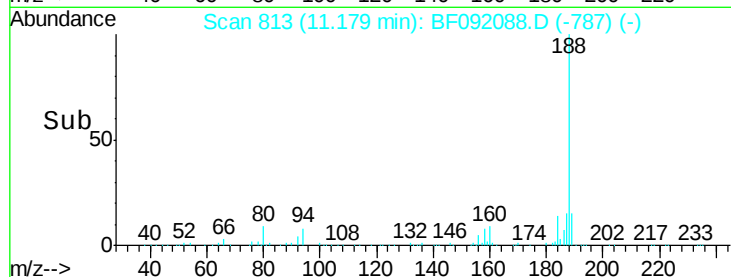
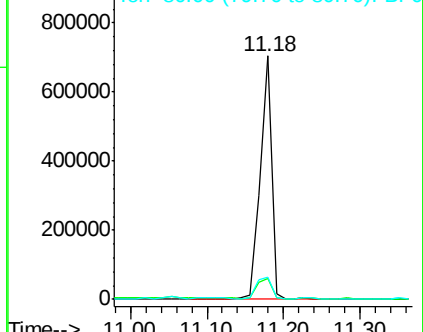
80 9.0 11.2 16.8#



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. -0.01 min

Lab File: BF092088.D

Acq: 5 Jan 2017 00:37

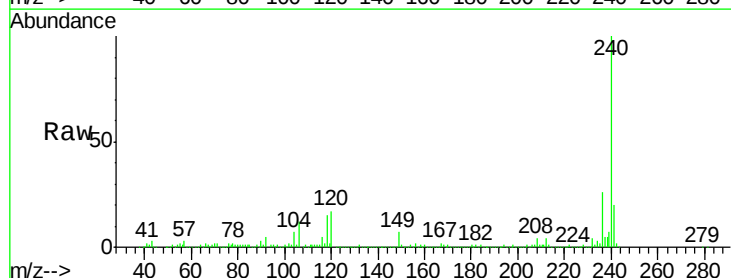
Tgt Ion:240 Resp: 582500

Ion Ratio Lower Upper

240 100

120 16.9 12.9 19.3

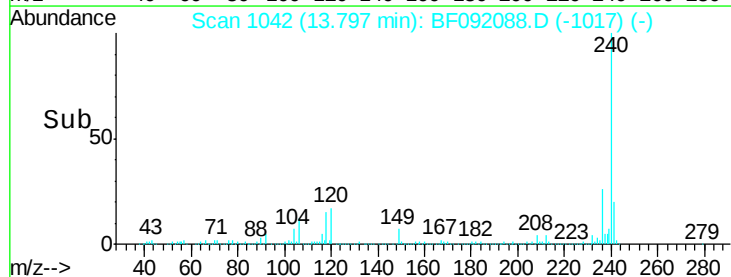
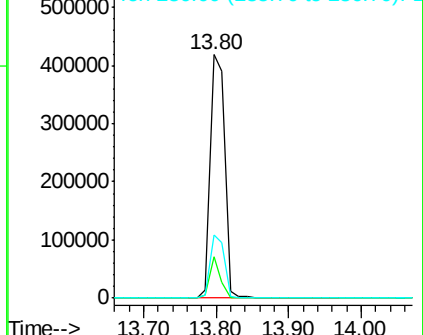
236 25.9 20.9 31.3

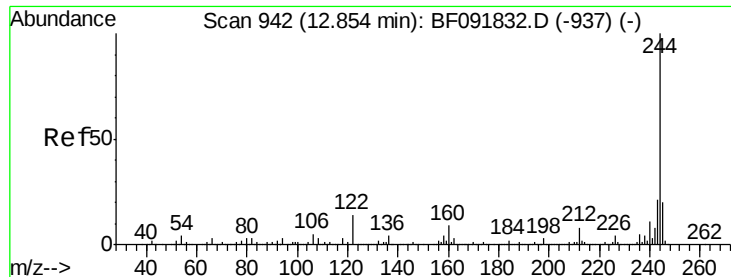


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

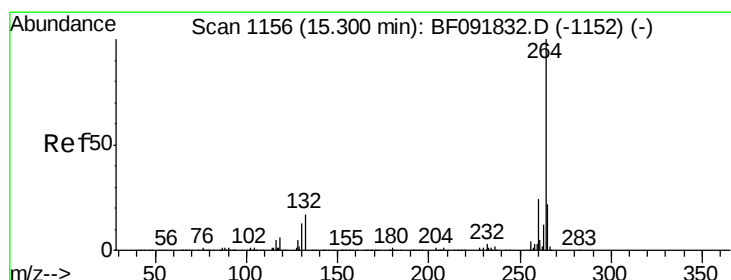
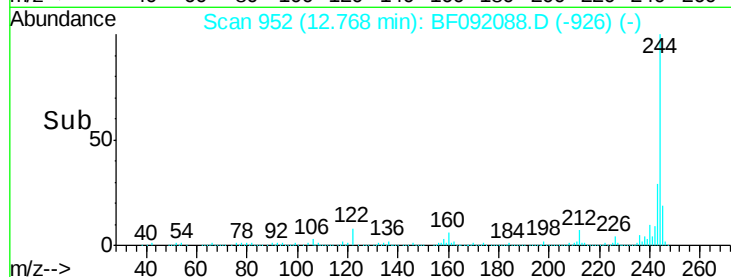
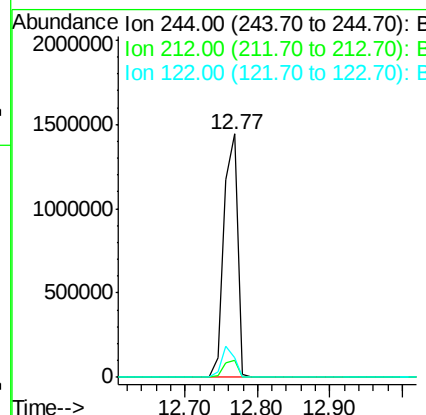
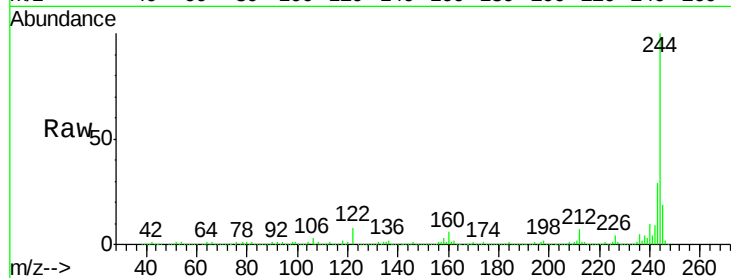




#78
 Terphenyl-d14
 Concen: 78.80 ng
 RT: 12.77 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF092088.D
 Acq: 5 Jan 2017 00:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tot Ion:244 Resp: 1892621
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.2
 122 8.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF092088.D
 Acq: 5 Jan 2017 00:37

Tgt Ion:264 Resp: 481477
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.9 17.4 26.0

