

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091704.D
 Acq On : 17 Dec 2016 6:53
 Operator : UM/SJ
 Sample : H6090-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Dec 17 23:33:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

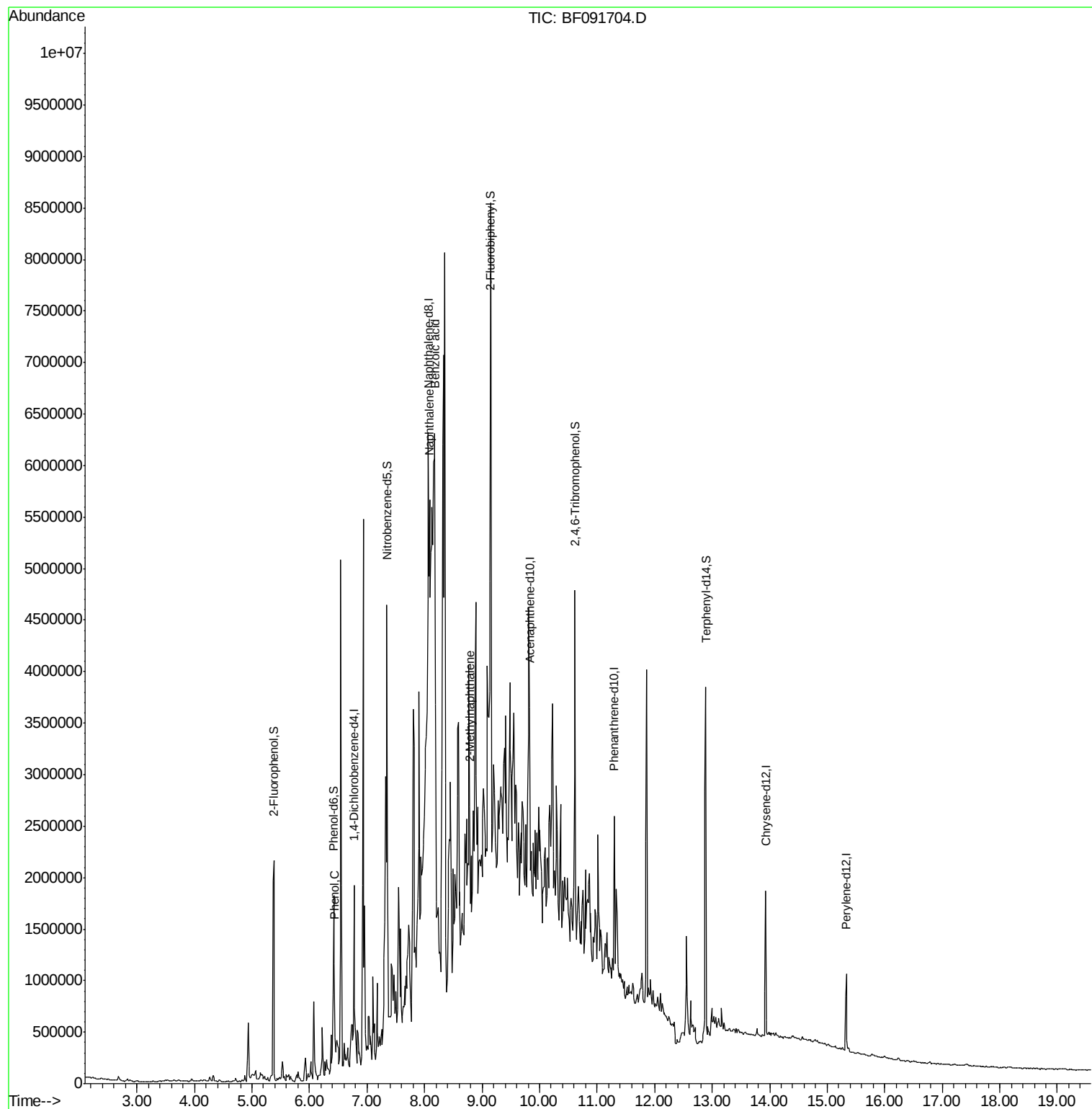
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	245549	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	823428	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	434955	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	582969	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	497512	20.00	ng	-0.01
86) Perylene-d12	15.33	264	379337	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	833862	57.21	ng	0.00
7) Phenol-d6	6.42	99	766802	42.20	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1441576	97.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	420827	116.49	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2340624	92.98	ng	0.00
78) Terphenyl-d14	12.89	244	1374151	62.68	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	45261	2.13	ng	# 65
31) Naphthalene	8.09	128	493057	12.87	ng	# 94
32) Benzoic acid	8.18	122	10347554m	1076.46	ng	
37) 2-Methylnaphthalene	8.78	142	398846	16.08	ng	97

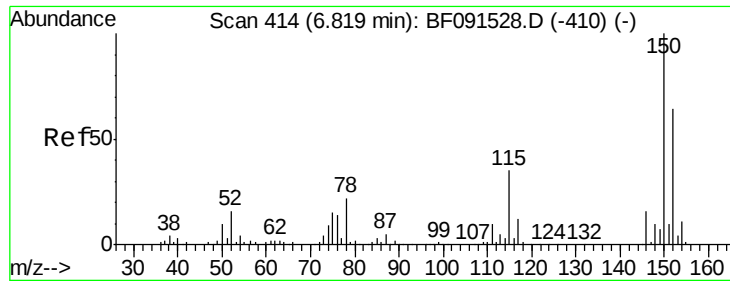
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

Instrument :

BNA_F

ClientSampleId :

MW-03

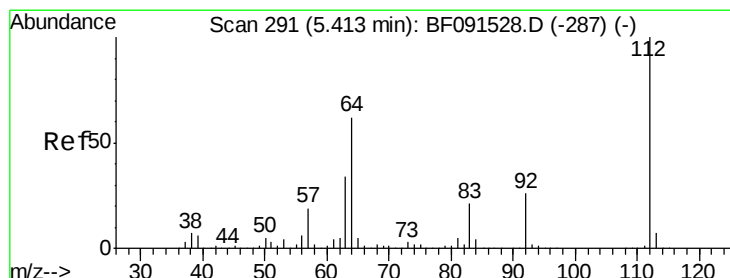
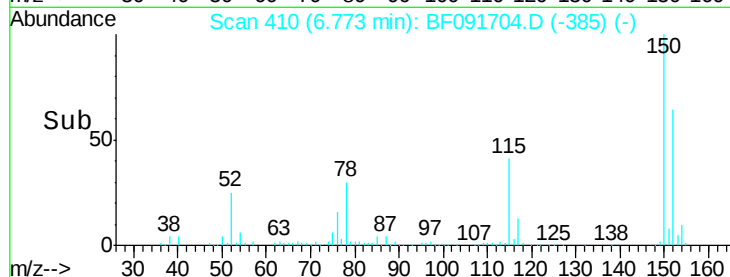
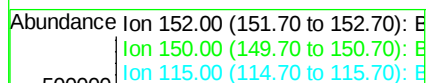
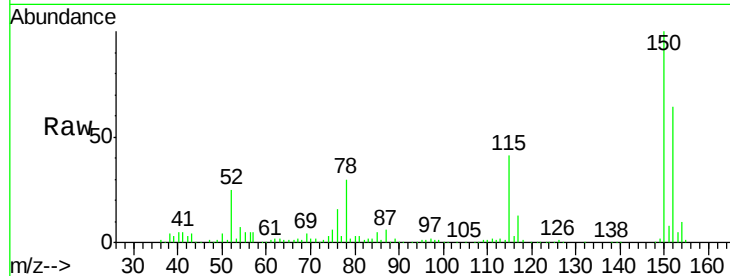
Tot Ion:152 Resp: 245549

Ion Ratio Lower Upper

152 100

150 155.6 122.5 183.7

115 64.6 51.8 77.8



#5

2-Fluorophenol

Concen: 57.21 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

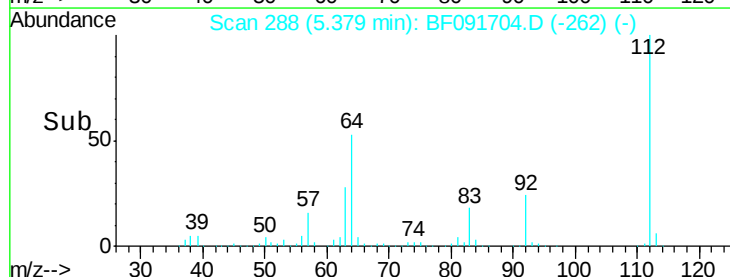
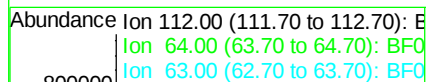
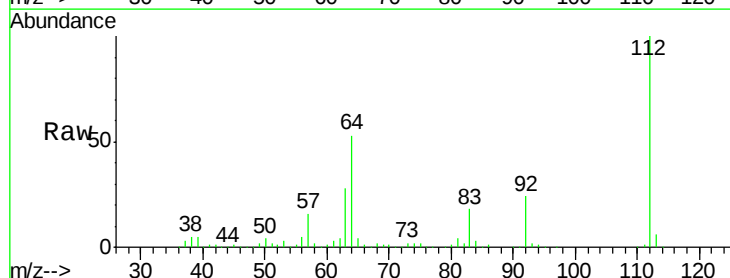
Tgt Ion:112 Resp: 833862

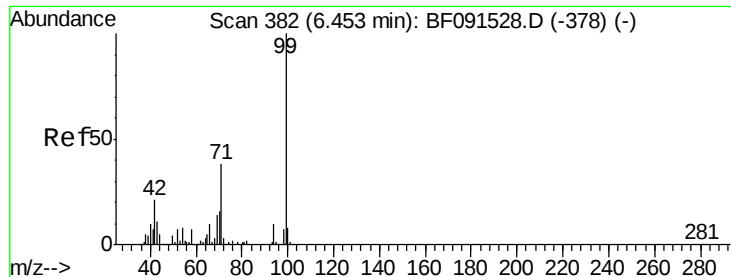
Ion Ratio Lower Upper

112 100

64 53.2 61.5 92.3#

63 27.9 33.3 49.9#





#7

Phenol-d6

Concen: 42.20 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

Instrument :

BNA_F

ClientSampleId :

MW-03

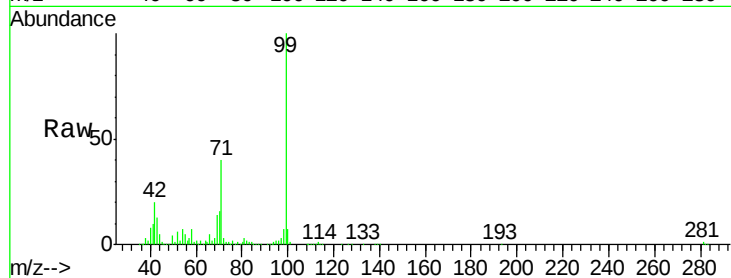
Tot Ion: 99 Resp: 766802

Ion Ratio Lower Upper

99 100

42 19.9 20.6 31.0#

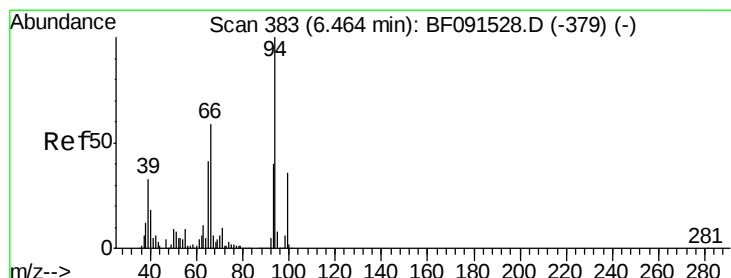
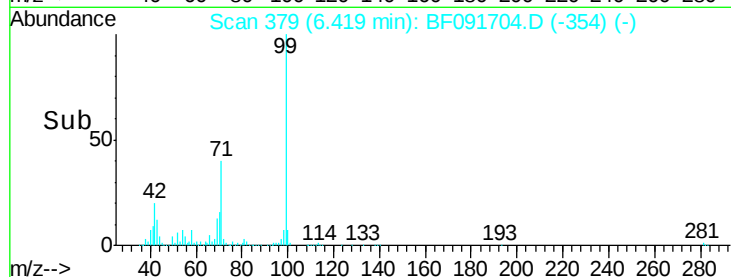
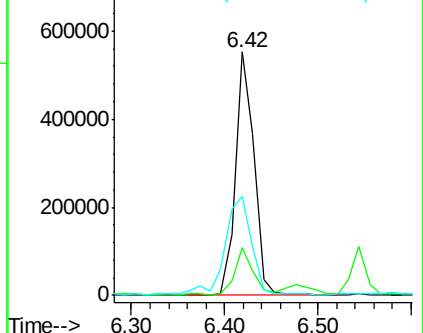
71 40.5 29.9 44.9



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: 2.13 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

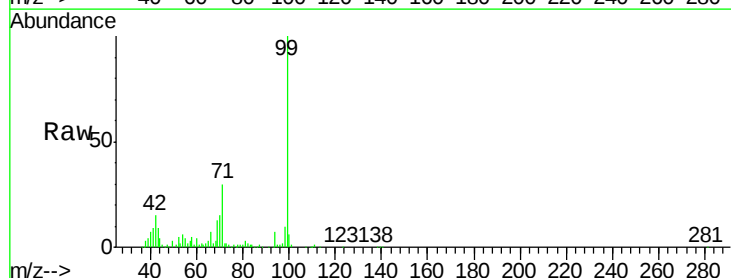
Tgt Ion: 94 Resp: 45261

Ion Ratio Lower Upper

94 100

65 40.6 16.9 56.9

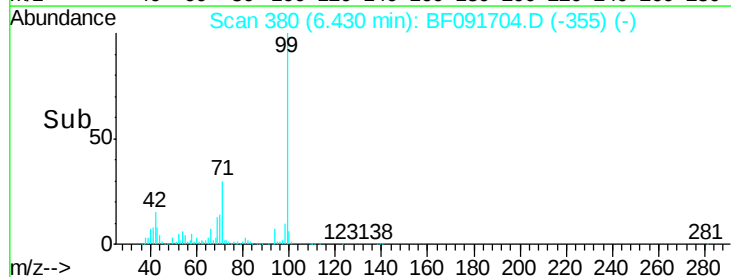
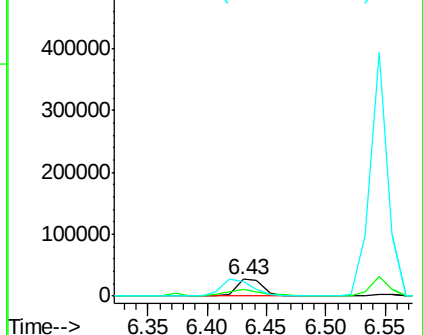
66 89.5 30.6 70.6#

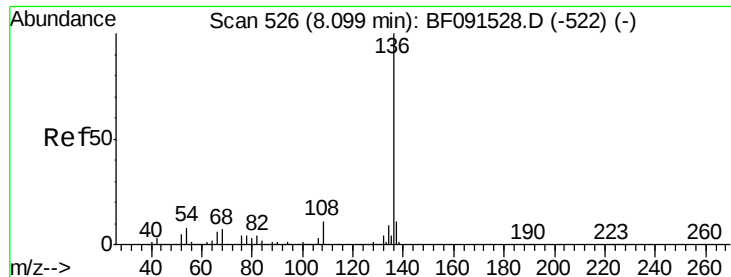


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

Instrument :

BNA_F

ClientSampleId :

MW-03

Tot Ion:136 Resp: 823428

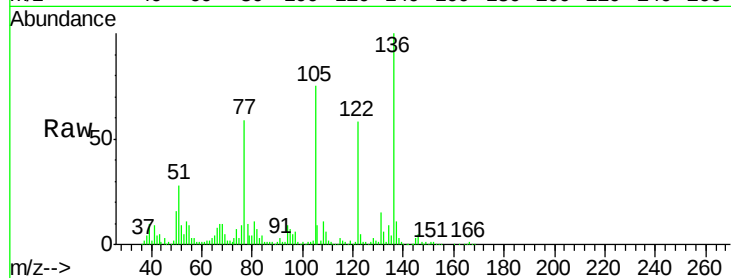
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 11.5 9.1 13.7

68 9.5 5.9 8.9#

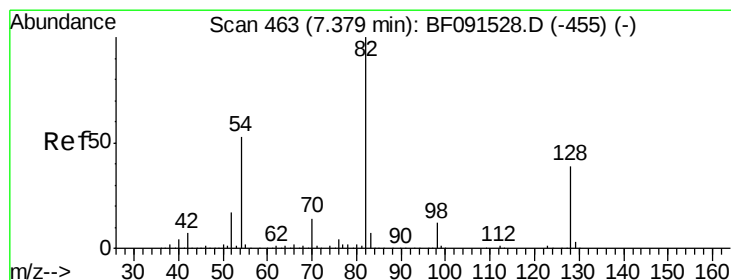
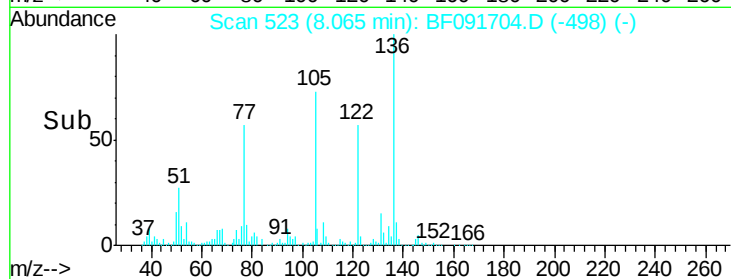
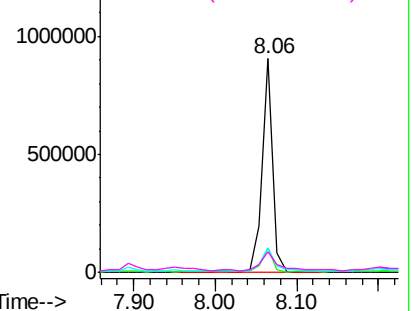


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.71 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

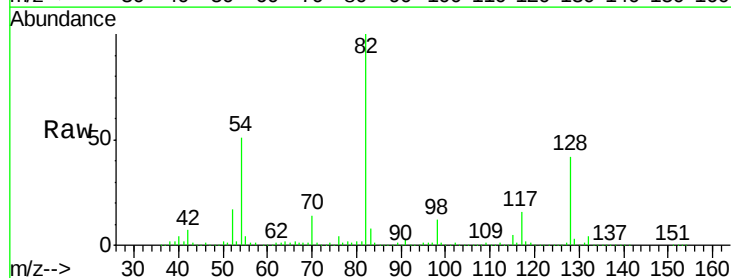
Tgt Ion: 82 Resp: 1441576

Ion Ratio Lower Upper

82 100

128 41.6 31.8 47.6

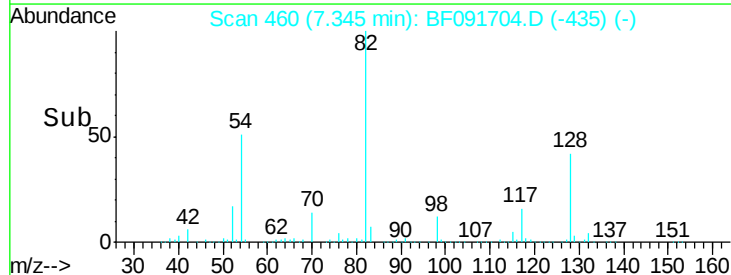
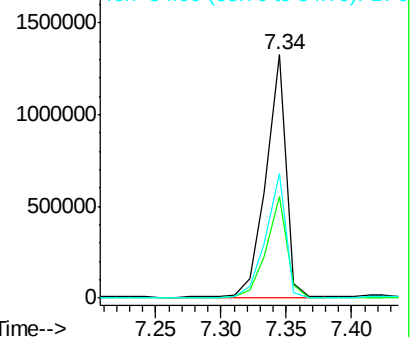
54 51.4 49.1 73.7

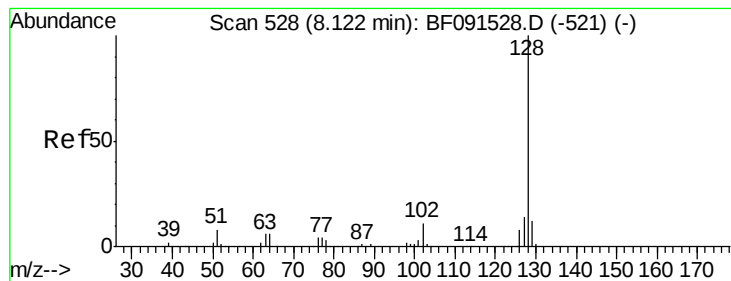


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 12.87 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

Instrument :

BNA_F

ClientSampleId :

MW-03

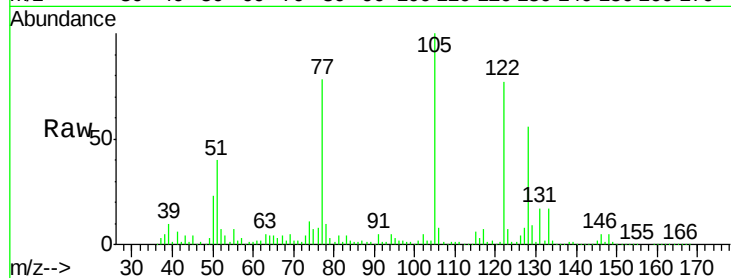
Tot Ion:128 Resp: 493057

Ion Ratio Lower Upper

128 100

129 15.4 9.1 13.7#

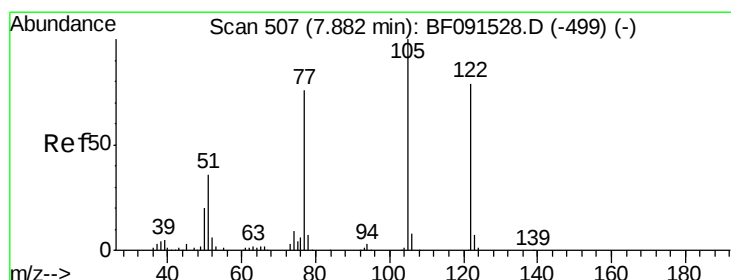
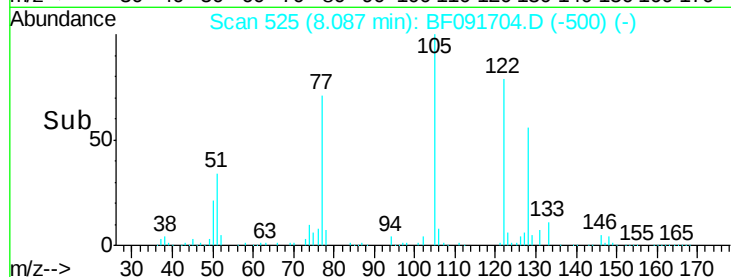
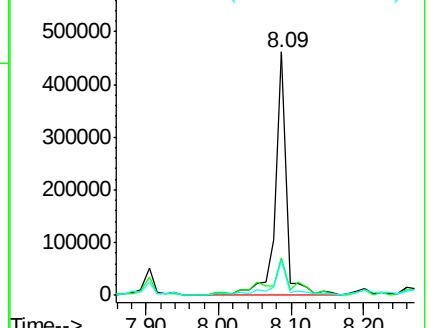
127 14.3 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 1076.46 ng m

RT: 8.18 min Scan# 533

Delta R.T. 0.32 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

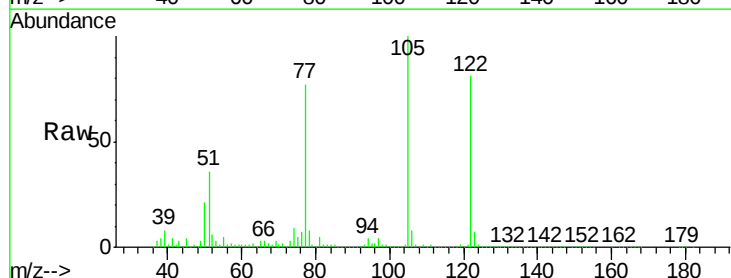
Tgt Ion:122 Resp:10347554

Ion Ratio Lower Upper

122 100

105 123.2 113.0 153.0

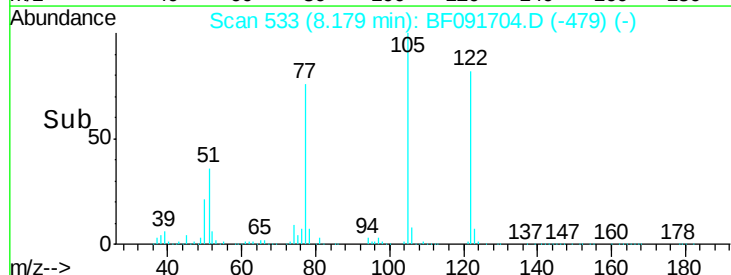
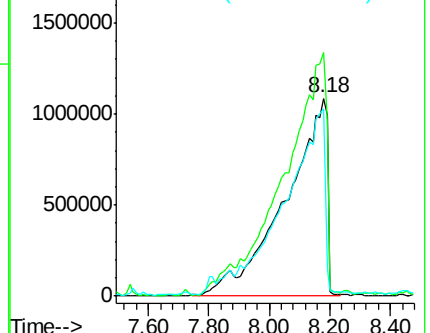
77 94.5 82.0 122.0

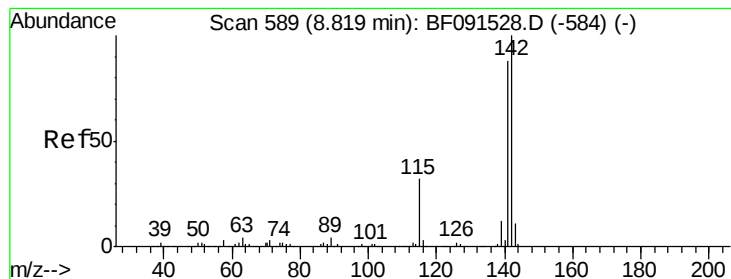


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#37

2-Methylnaphthalene

Concen: 16.08 ng

RT: 8.78 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

Instrument :

BNA_F

ClientSampled :

MW-03

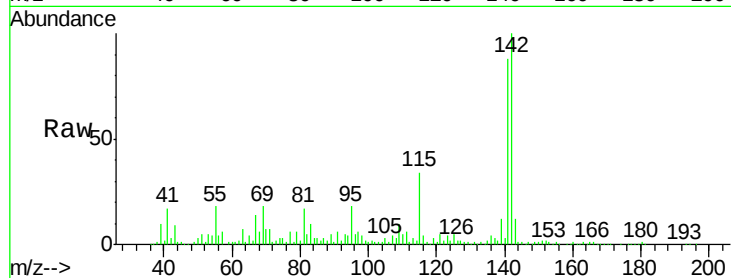
Tot Ion:142 Resp: 398846

Ion Ratio Lower Upper

142 100

141 87.9 71.7 107.5

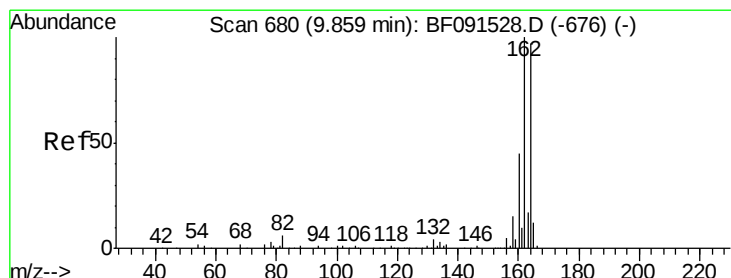
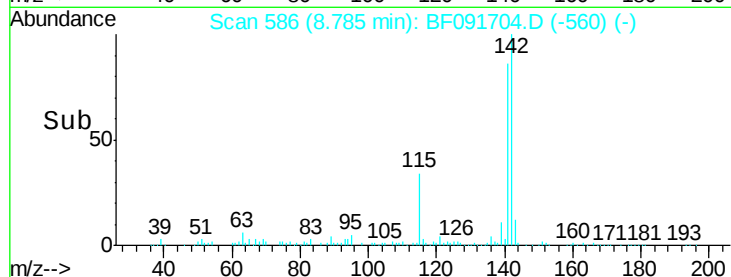
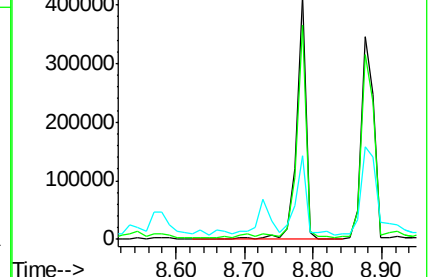
115 34.3 25.0 37.6



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: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

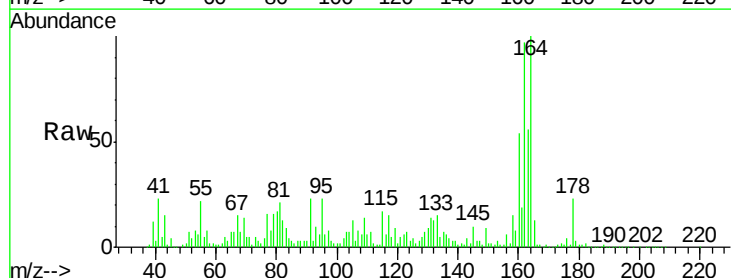
Tgt Ion:164 Resp: 434955

Ion Ratio Lower Upper

164 100

162 96.8 82.6 124.0

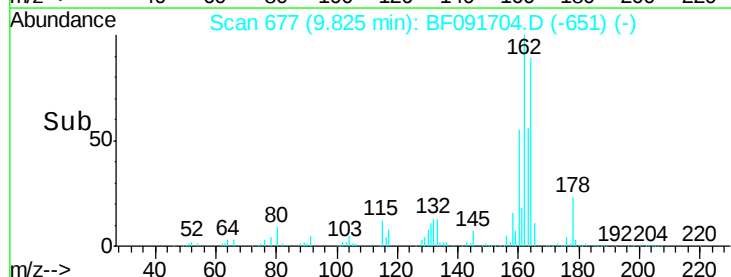
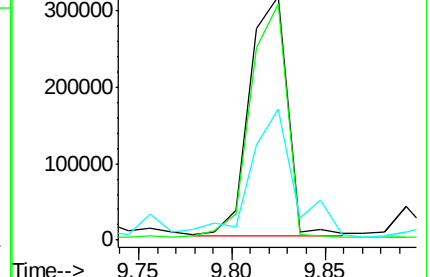
160 53.6 36.7 55.1

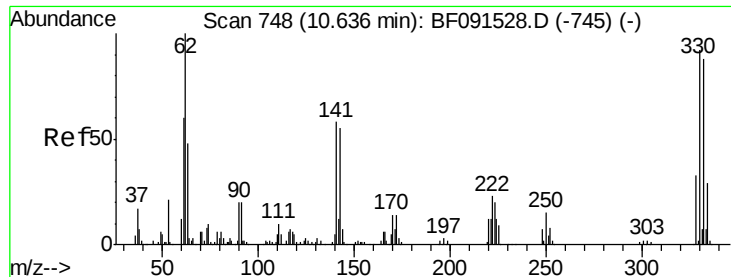


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

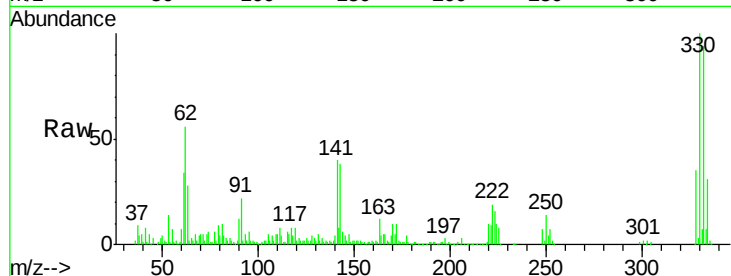




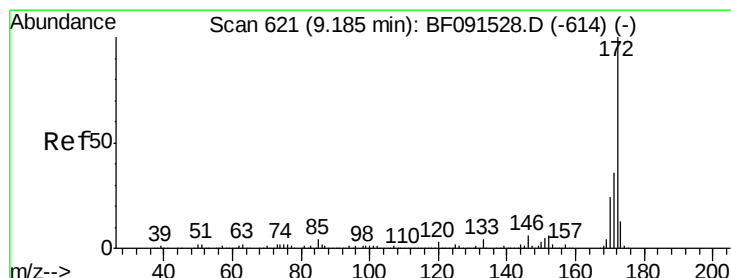
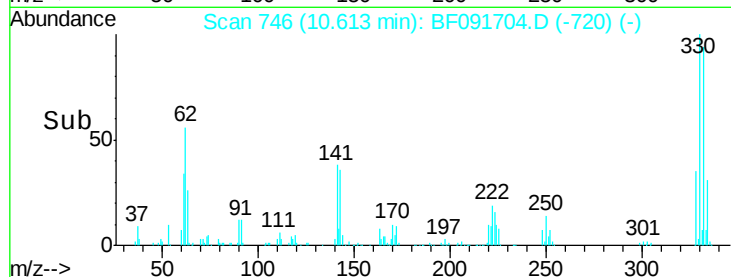
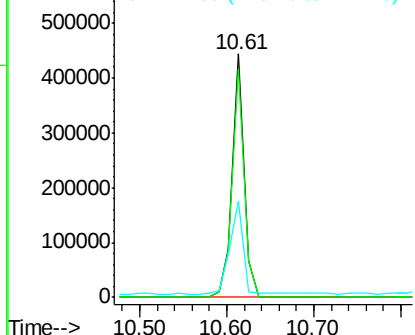
#41
 2,4,6-Tribromophenol
 Concen: 116.49 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF091704.D
 Acq: 17 Dec 2016 6:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tot Ion:330 Resp: 420827
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.2 114.4
 141 42.0 33.6 50.4

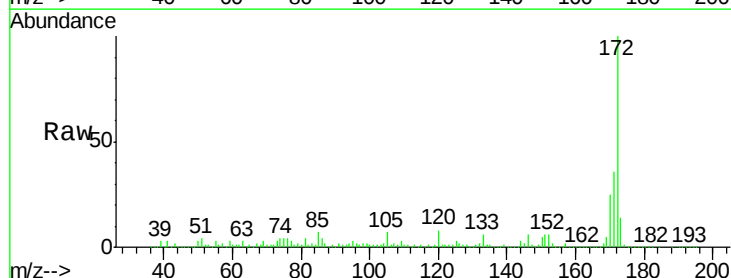


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

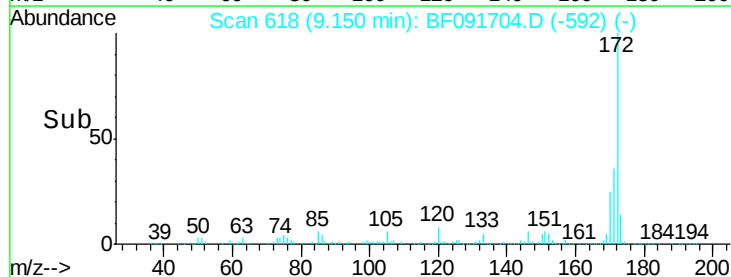
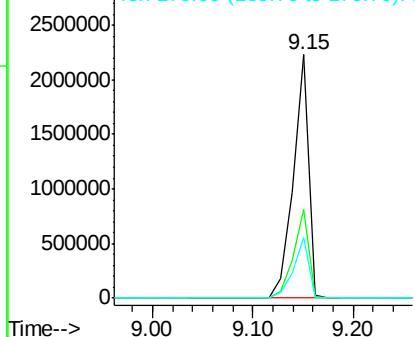


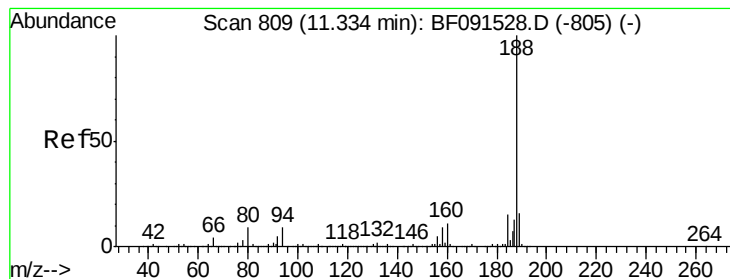
#44
 2-Fluorobiphenyl
 Concen: 92.98 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091704.D
 Acq: 17 Dec 2016 6:53

Tgt Ion:172 Resp: 2340624
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 25.0 19.7 29.5



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: 11.30 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

Instrument :

BNA_F

ClientSampleId :

MW-03

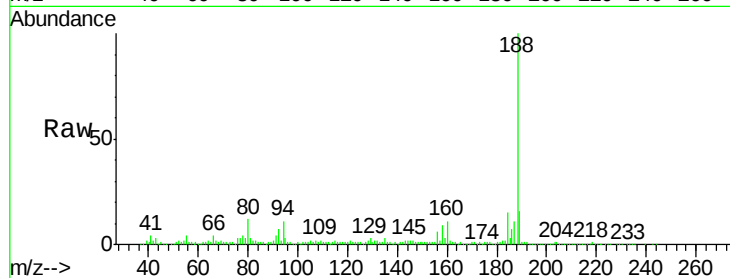
Tot Ion:188 Resp: 582969

Ion Ratio Lower Upper

188 100

94 11.3 9.2 13.8

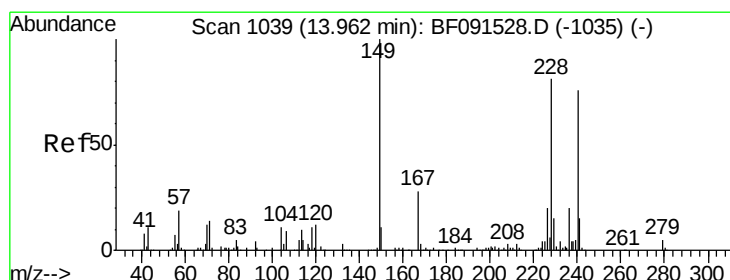
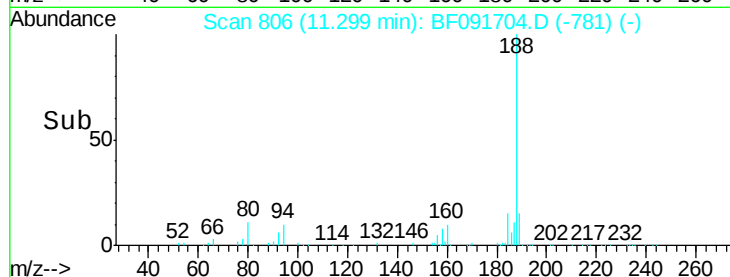
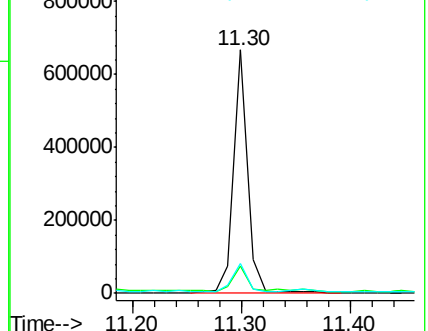
80 12.1 10.5 15.7



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: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

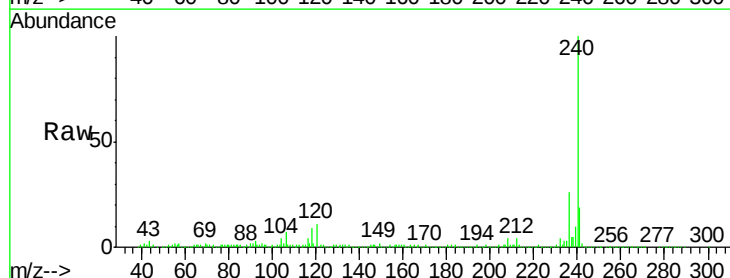
Tgt Ion:240 Resp: 497512

Ion Ratio Lower Upper

240 100

120 10.7 12.1 18.1#

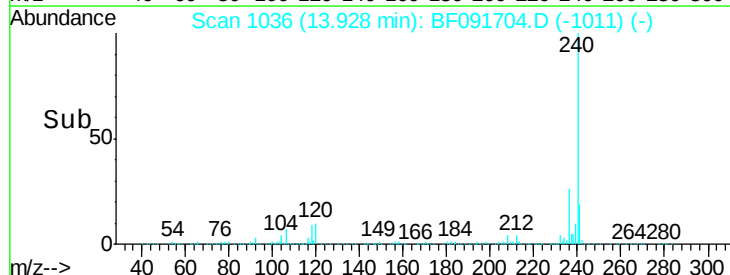
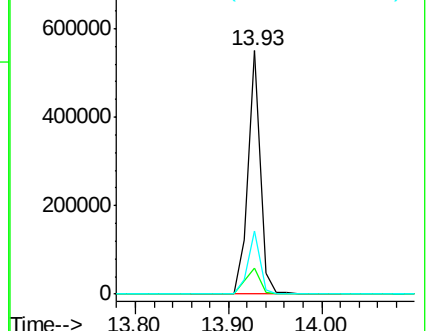
236 25.8 21.0 31.6

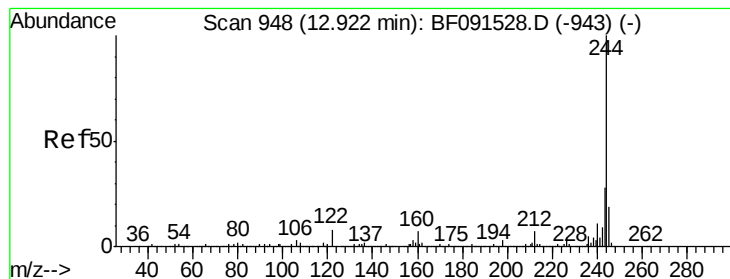


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.68 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

Instrument :

BNA_F

ClientSampleId :

MW-03

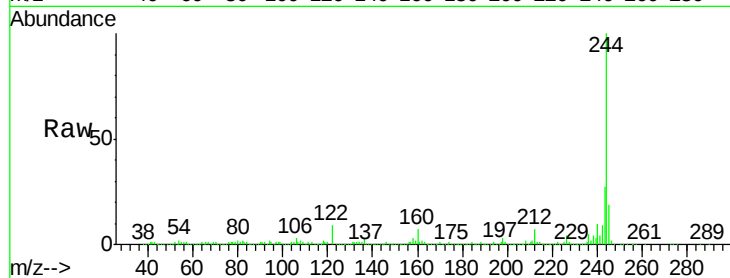
Tot Ion:244 Resp: 1374151

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

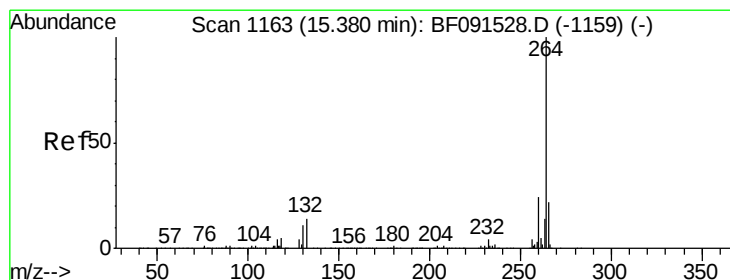
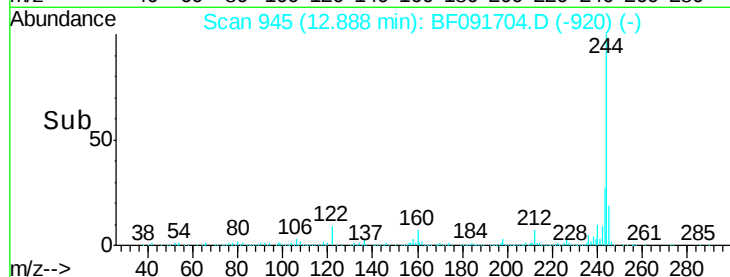
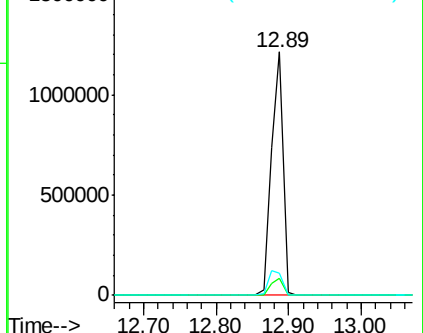
122 8.9 9.5 14.3#



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: 15.33 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF091704.D

Acq: 17 Dec 2016 6:53

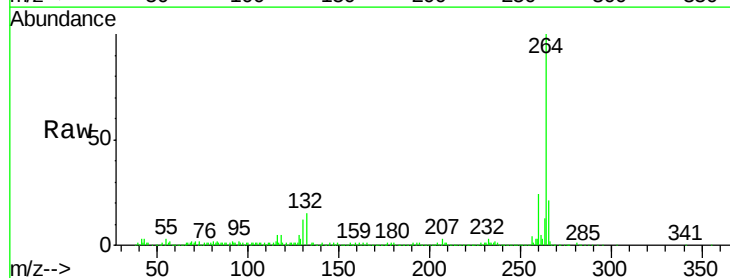
Tgt Ion:264 Resp: 379337

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.4 17.0 25.6



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

