

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092091.D
 Acq On : 5 Jan 2017 2:00
 Operator : UM/SJ
 Sample : I1004-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Jan 05 02:33:42 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	234114	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	943572	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	472837	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	753481	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	705147	20.00	ng	-0.01
86) Perylene-d12	15.18	264	598063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	938742	66.95	ng	0.01
7) Phenol-d6	6.32	99	738281	43.13	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1791685	105.59	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	580398	148.32	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2603948	117.82	ng	0.00
78) Terphenyl-d14	12.77	244	2513492	86.45	ng	0.00

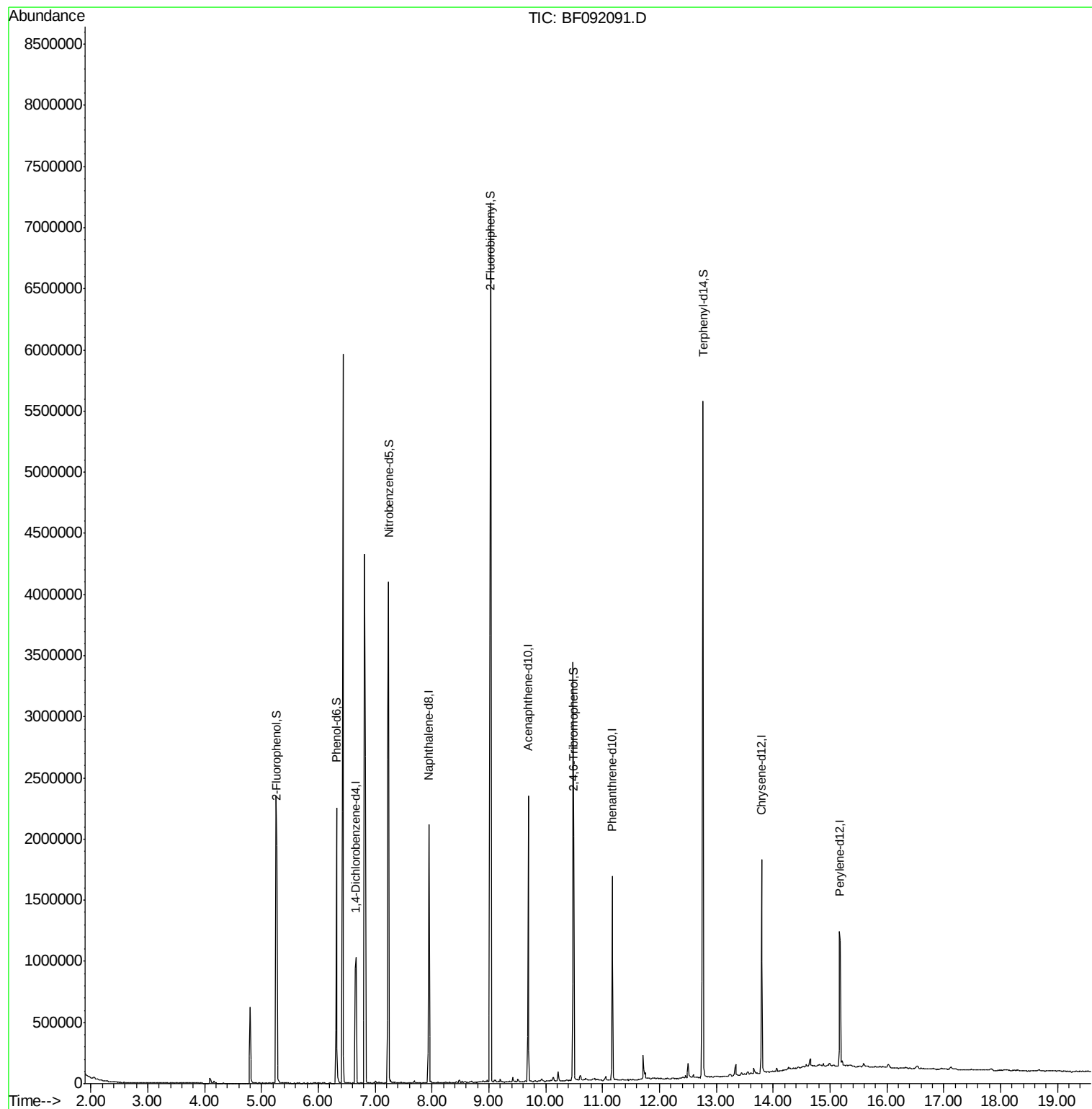
Target Compounds Qvalue

(#) = 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: BF092091.D

Acq: 5 Jan 2017 2:00

Instrument :

BNA_F

ClientSampleId :

MW-20

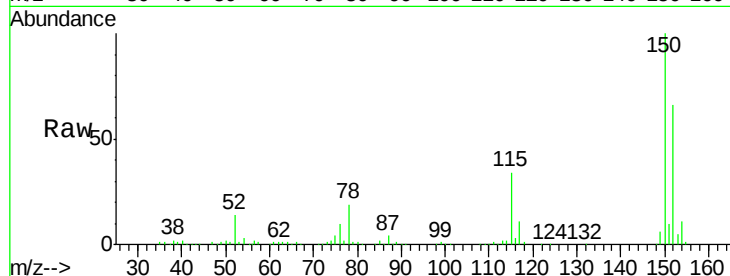
Tot Ion:152 Resp: 234114

Ion Ratio Lower Upper

152 100

150 150.7 124.9 187.3

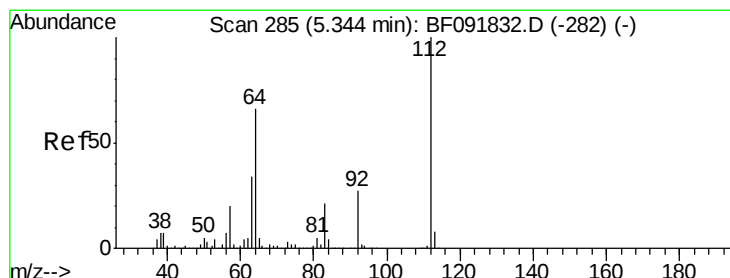
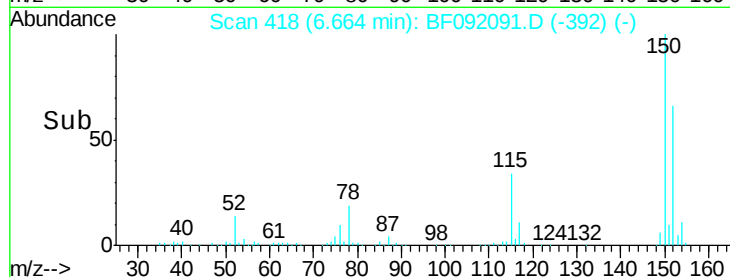
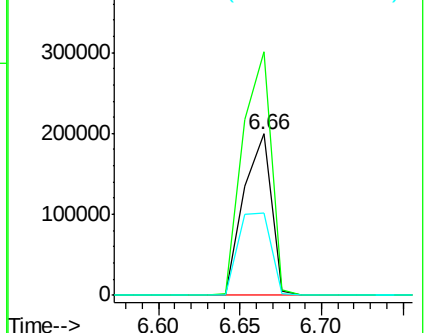
115 51.3 46.0 69.0



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: 66.95 ng

RT: 5.27 min Scan# 296

Delta R.T. 0.01 min

Lab File: BF092091.D

Acq: 5 Jan 2017 2:00

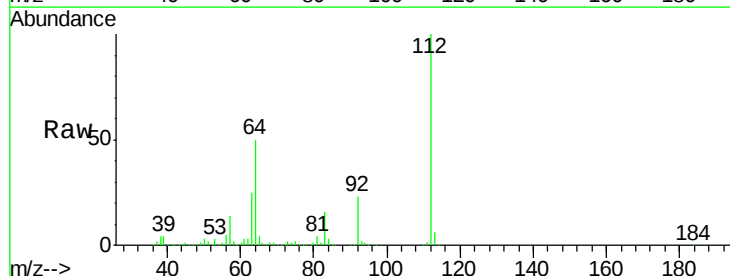
Tgt Ion:112 Resp: 938742

Ion Ratio Lower Upper

112 100

64 49.6 46.1 69.1

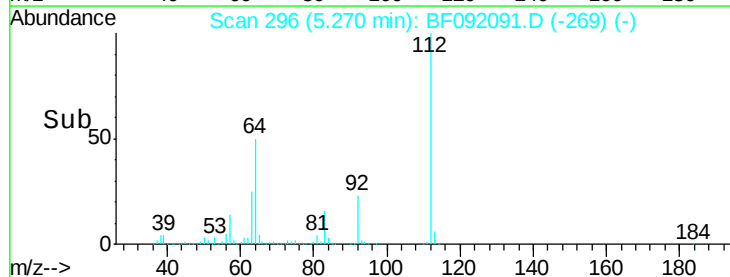
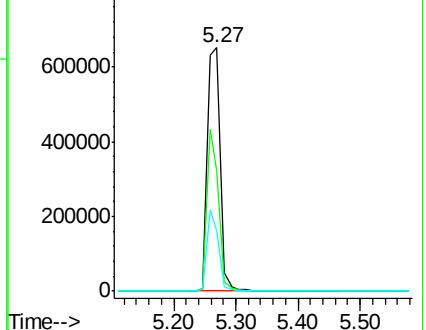
63 24.7 23.8 35.6



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: 43.13 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092091.D

Acq: 5 Jan 2017 2:00

Instrument :

BNA_F

ClientSampled :

MW-20

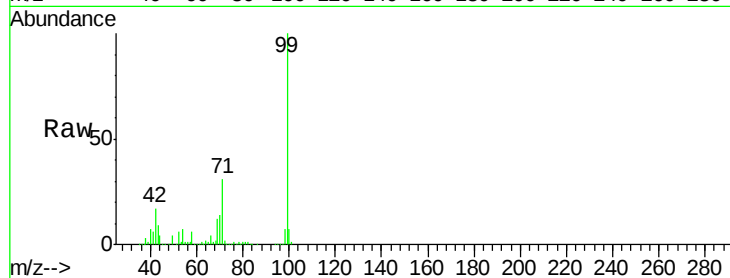
Tot Ion: 99 Resp: 738281

Ion Ratio Lower Upper

99 100

42 16.8 15.6 23.4

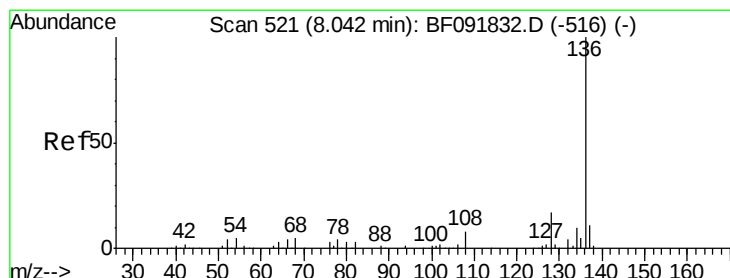
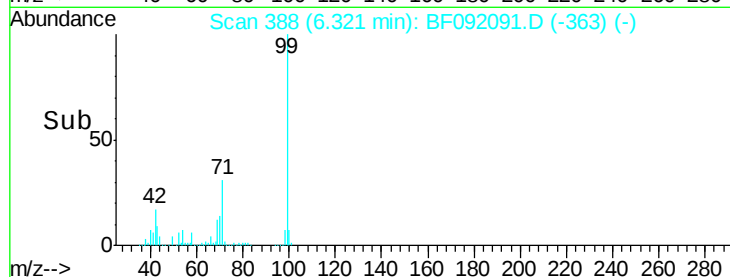
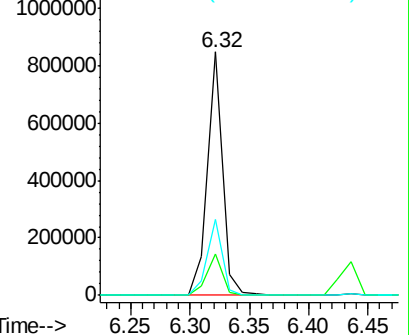
71 31.0 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092091.D

Acq: 5 Jan 2017 2:00

Tgt Ion: 136 Resp: 943572

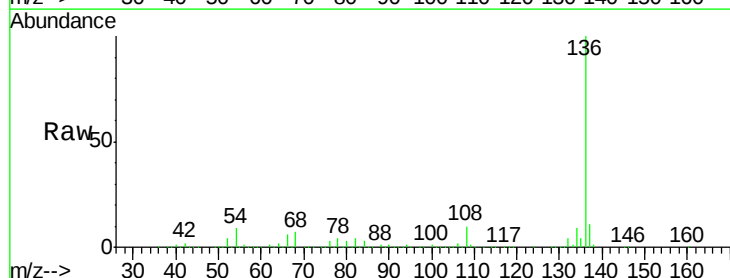
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.6 4.5 6.7#

68 6.9 3.6 5.4#

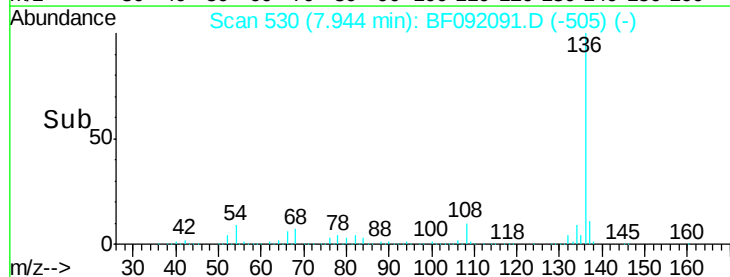
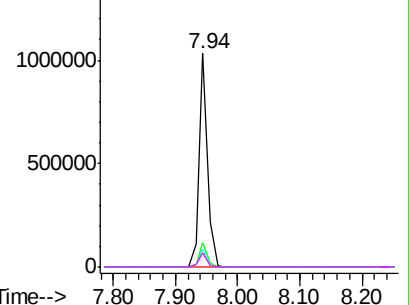


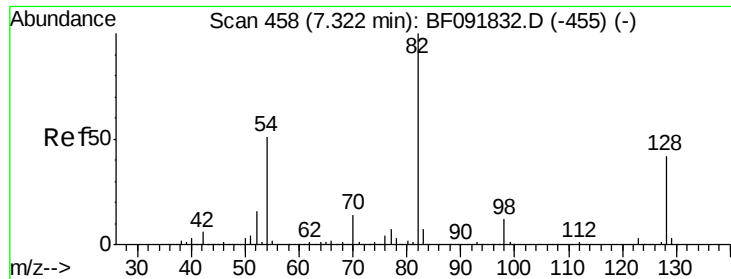
Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.59 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF092091.D

Acq: 5 Jan 2017 2:00

Instrument :

BNA_F

ClientSampled :

MW-20

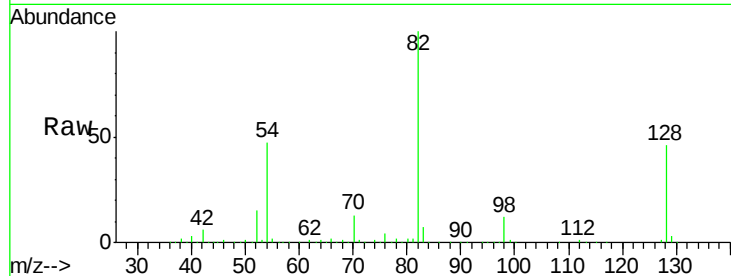
Tot Ion: 82 Resp: 1791685

Ion Ratio Lower Upper

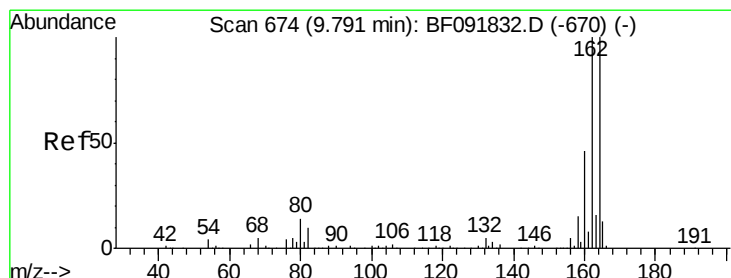
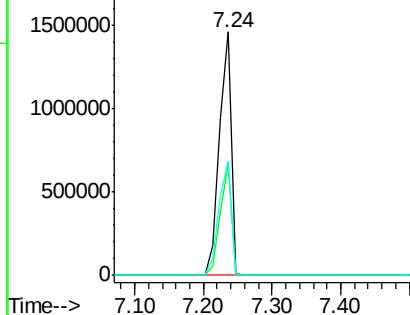
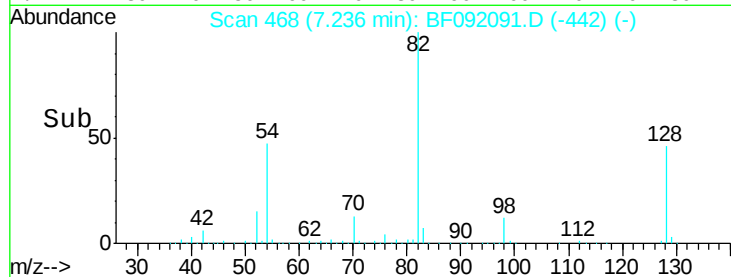
82 100

128 45.5 34.6 52.0

54 47.2 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
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. -0.01 min

Lab File: BF092091.D

Acq: 5 Jan 2017 2:00

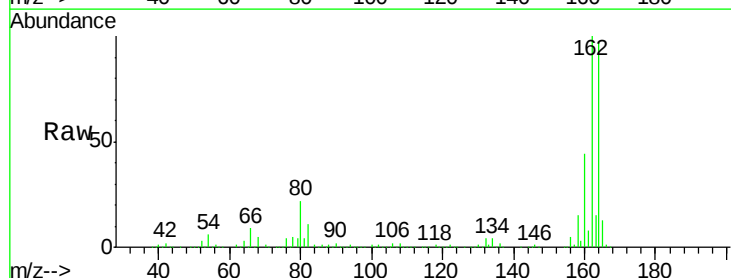
Tgt Ion:164 Resp: 472837

Ion Ratio Lower Upper

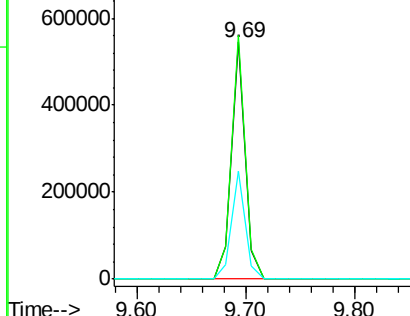
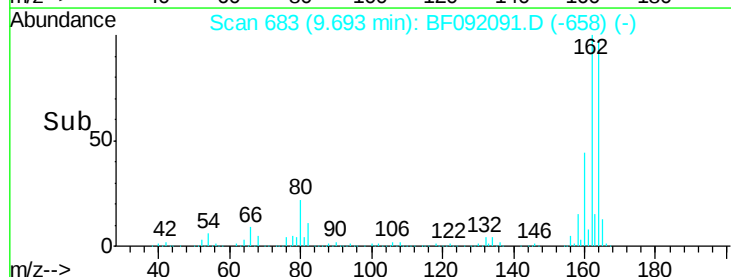
164 100

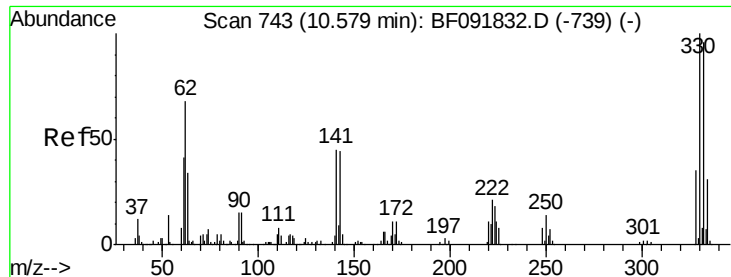
162 102.9 80.2 120.2

160 45.7 36.9 55.3



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

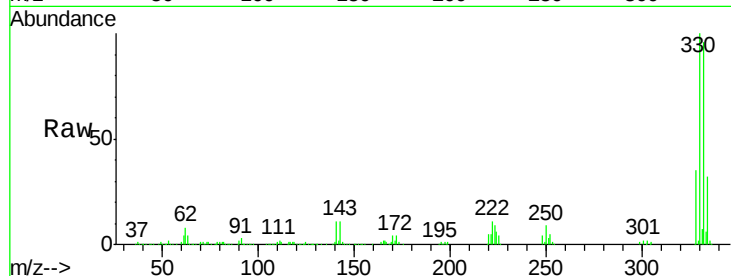




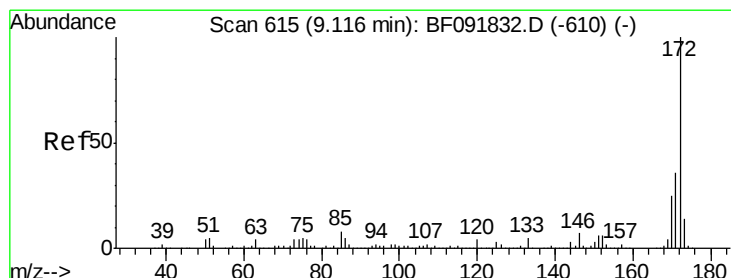
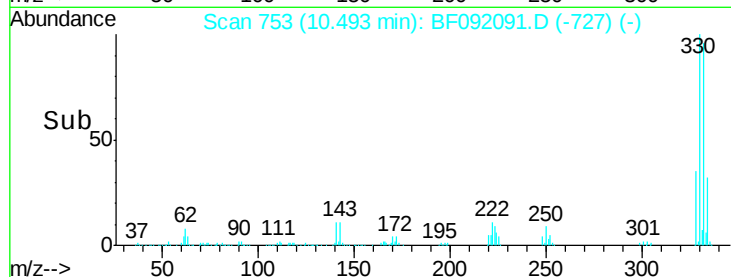
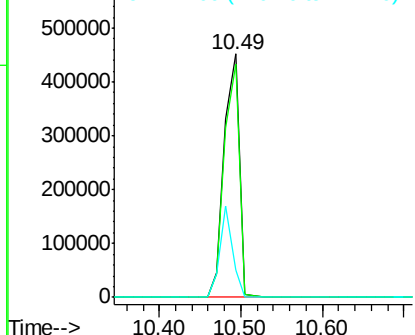
#41
 2,4,6-Tribromophenol
 Concen: 148.32 ng
 RT: 10.49 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092091.D
 Acq: 5 Jan 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion:330 Resp: 580398
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 31.8 34.1 51.1#

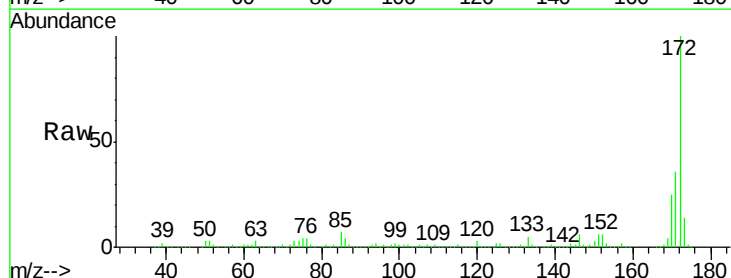


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

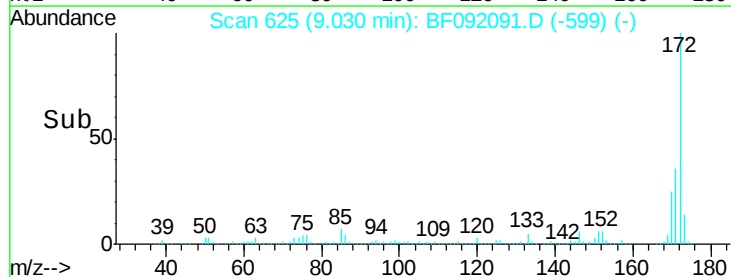
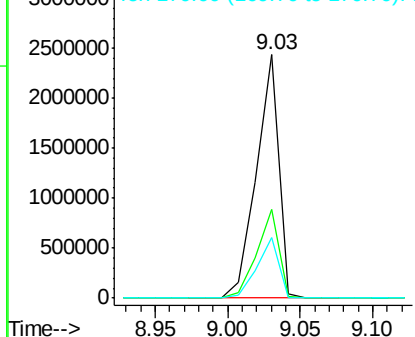


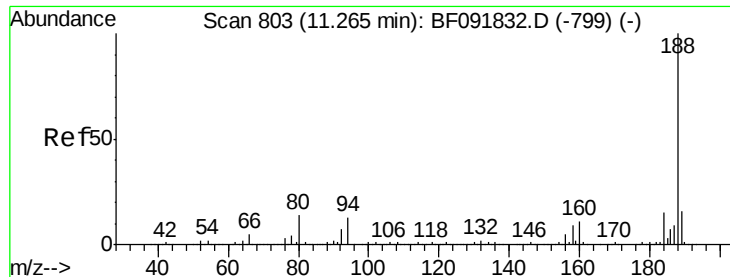
#44
 2-Fluorobiphenyl
 Concen: 117.82 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092091.D
 Acq: 5 Jan 2017 2:00

Tgt Ion:172 Resp: 2603948
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 25.0 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

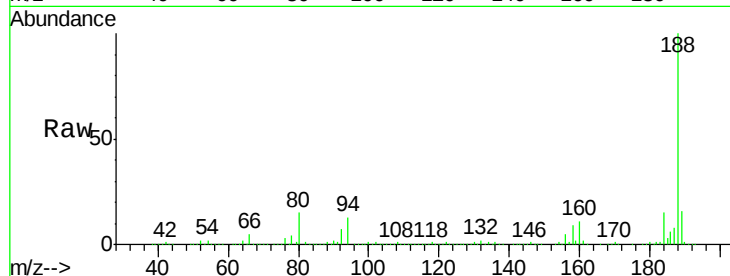




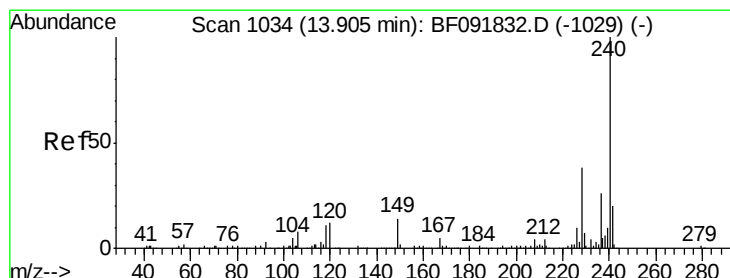
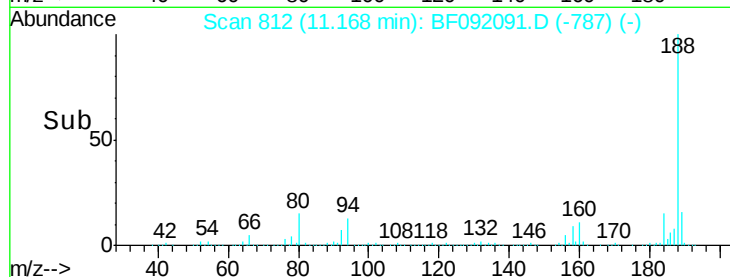
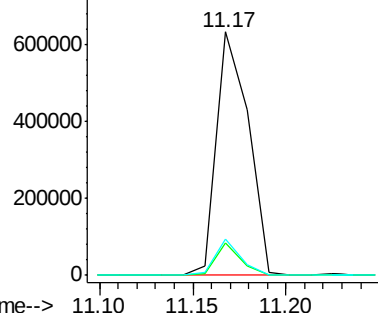
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion:188 Resp: 753481
Ion Ratio Lower Upper
188 100
94 13.1 10.0 15.0
80 14.8 11.2 16.8

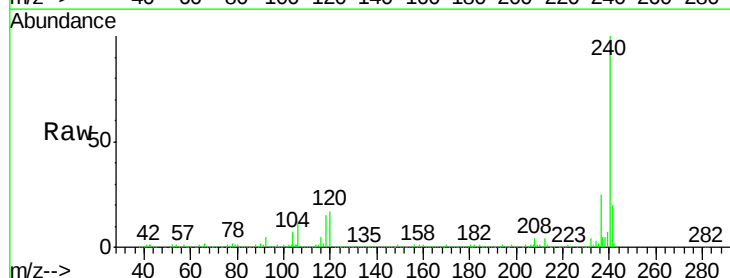


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

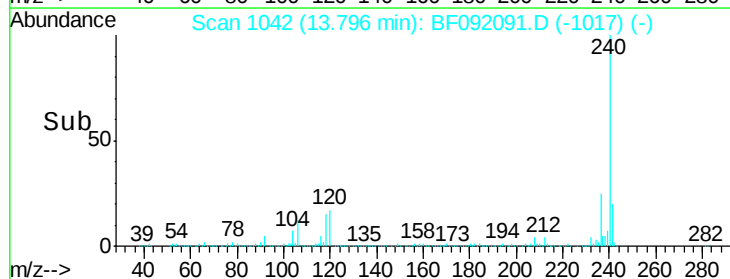
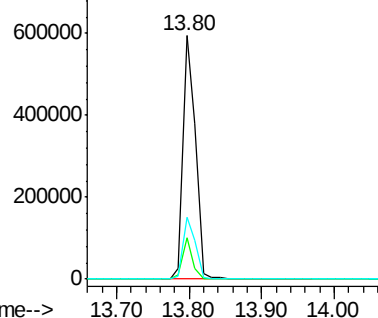


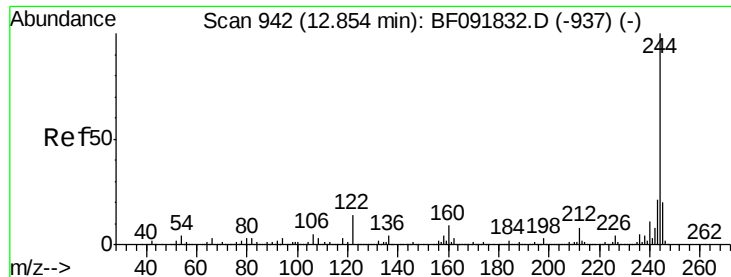
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Tgt Ion:240 Resp: 705147
Ion Ratio Lower Upper
240 100
120 16.9 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: 86.45 ng

RT: 12.77 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092091.D

Acq: 5 Jan 2017 2:00

Instrument :

BNA_F

ClientSampleId :

MW-20

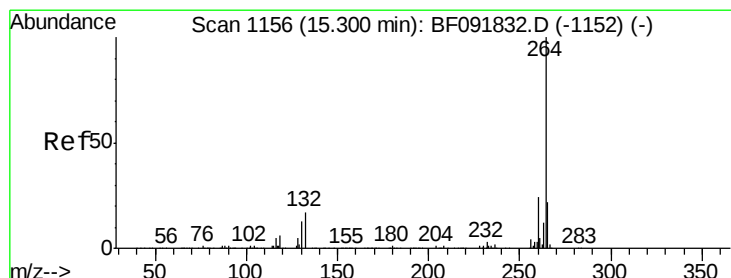
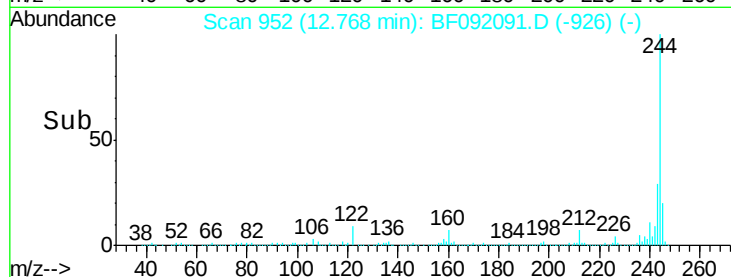
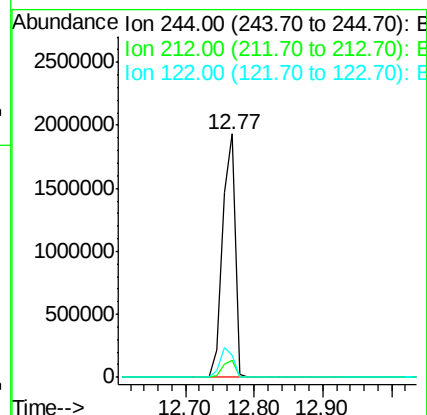
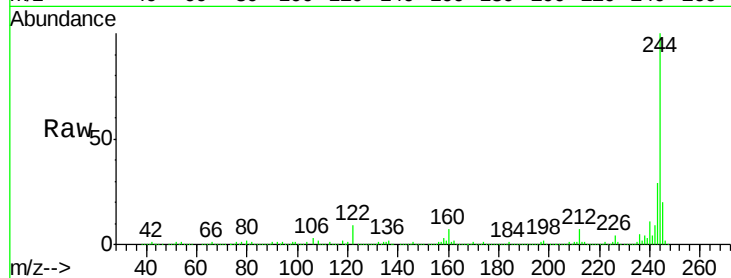
Tot Ion:244 Resp: 2513492

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

122 9.1 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: BF092091.D

Acq: 5 Jan 2017 2:00

Tgt Ion:264 Resp: 598063

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 17.4 26.0

