

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
 Data File : BF092052.D
 Acq On : 30 Dec 2016 18:22
 Operator : UM/SJ
 Sample : H6318-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: Dec 30 21:59:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

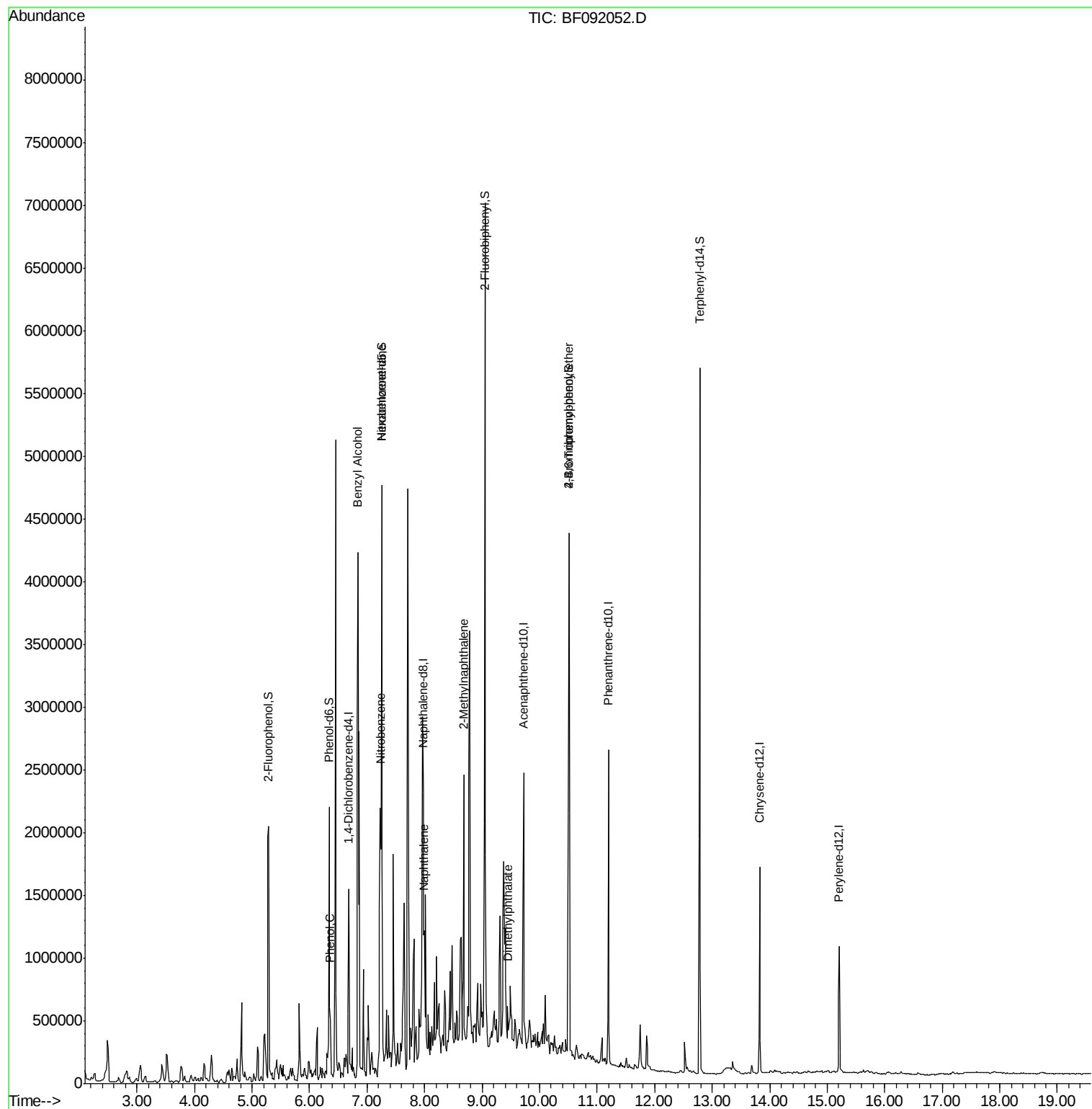
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	230681	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	1063970	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	570238	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	863512	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	546263	20.00	ng	-0.05
86) Perylene-d12	15.21	264	465217	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	890158	64.43	ng	-0.03
7) Phenol-d6	6.34	99	710127	42.10	ng	-0.05
23) Nitrobenzene-d5	7.25	82	1273425	66.55	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	515368	109.21	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2361199	84.81	ng	-0.03
78) Terphenyl-d14	12.78	244	1888452	83.84	ng	-0.03
Target Compounds						
10) Phenol	6.35	94	46095	2.40	ng	Qvalue 83
15) Benzyl Alcohol	6.84	79	33193	2.53	ng	# 31
18) Hexachloroethane	7.25	117	759765	120.01	ng	# 2
24) Nitrobenzene	7.23	77	115440	5.66	ng	# 26
31) Naphthalene	7.98	128	269951	5.54	ng	# 89
37) 2-Methylnaphthalene	8.68	142	581724	15.80	ng	98
49) Dimethylphthalate	9.45	163	123859	3.40	ng	98
66) 4-Bromophenyl-phenylether	10.51	248	36381	4.05	ng	# 1
71) Anthracene	11.26	178	632	Below Cal		# 19
73) Di-n-butylphthalate	11.77	149	20066	Below Cal		# 94
74) Fluoranthene	12.41	202	1973	Below Cal		# 43

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

Instrument :

BNA_F

ClientSampleId :

MW-07

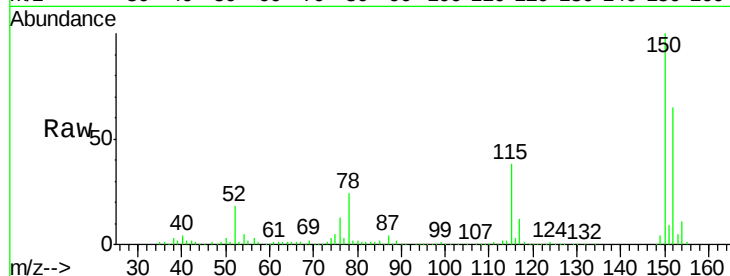
Tgt Ion:152 Resp: 230681

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

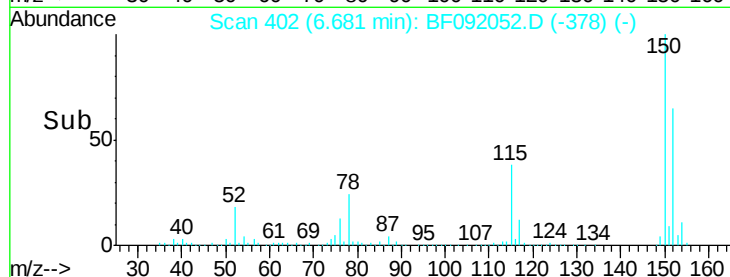
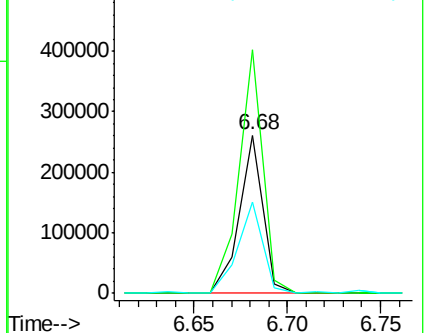
115 58.1 46.0 69.0



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: 64.43 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.03 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

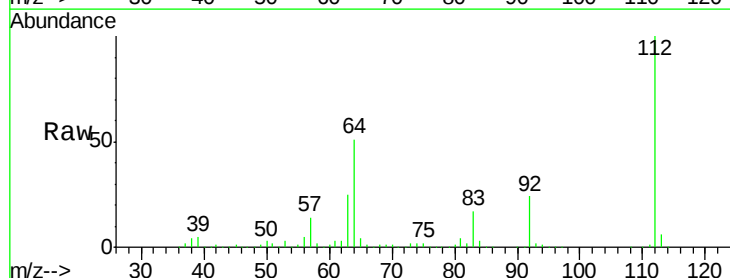
Tgt Ion:112 Resp: 890158

Ion Ratio Lower Upper

112 100

64 50.6 46.1 69.1

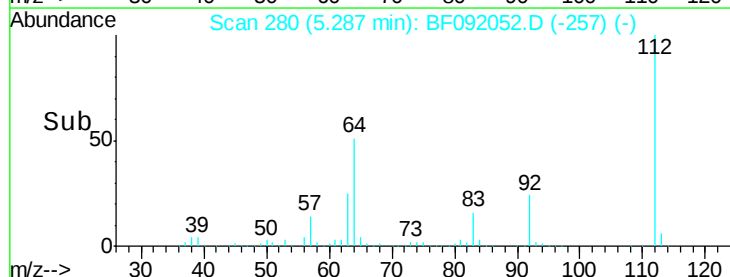
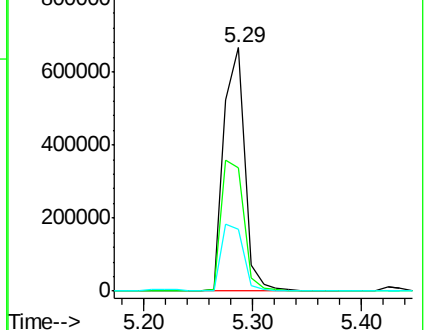
63 25.5 23.8 35.6

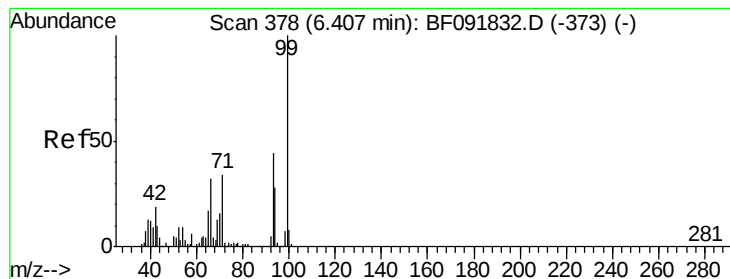


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.10 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

Instrument :

BNA_F

ClientSampleId :

MW-07

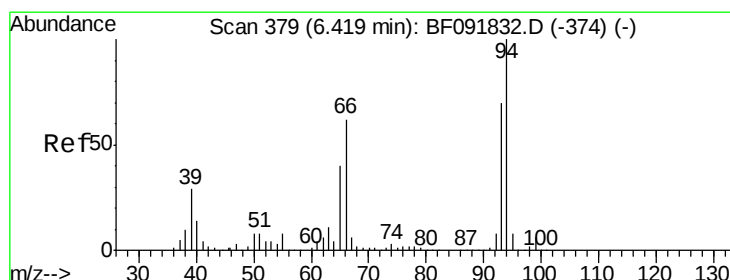
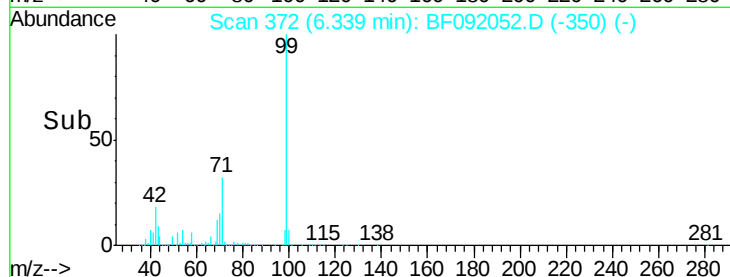
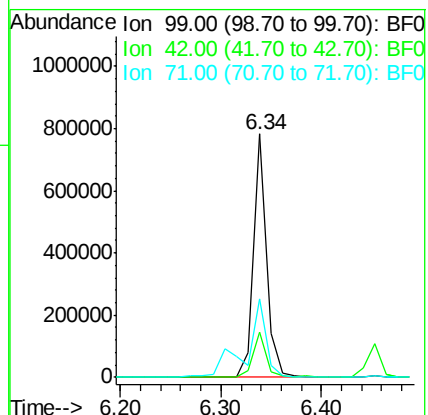
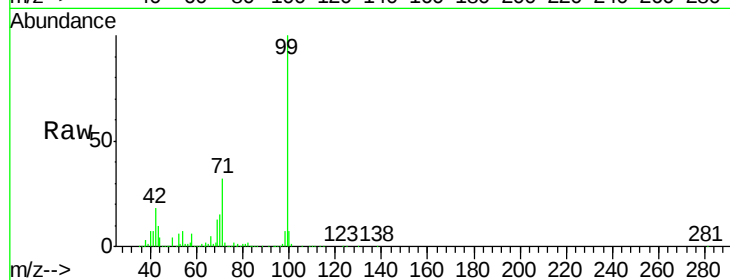
Tgt Ion: 99 Resp: 710127

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

71 32.1 27.5 41.3



#10

Phenol

Concen: 2.40 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.05 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

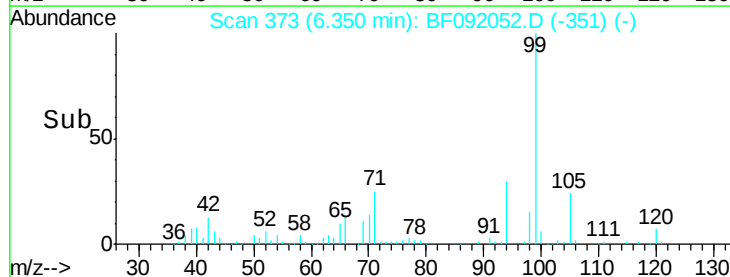
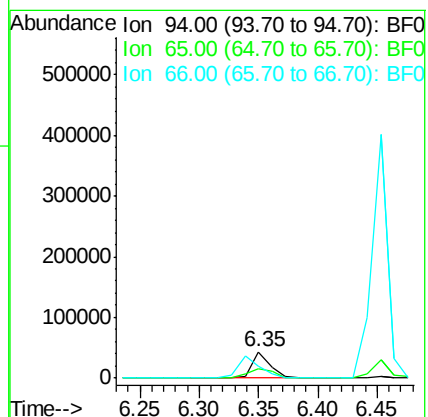
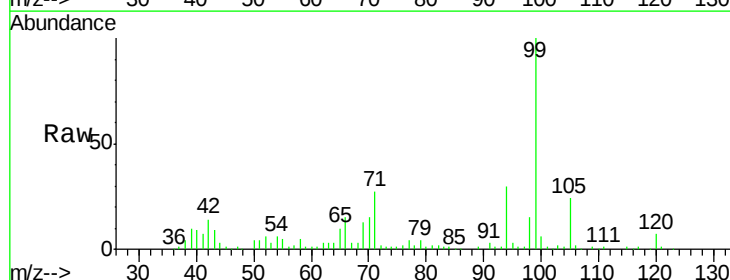
Tgt Ion: 94 Resp: 46095

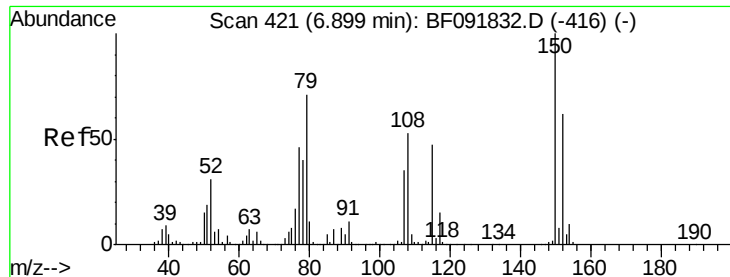
Ion Ratio Lower Upper

94 100

65 33.9 21.4 61.4

66 47.8 44.0 84.0





#15

Benzyl Alcohol

Concen: 2.53 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

Instrument :

BNA_F

ClientSampleId :

MW-07

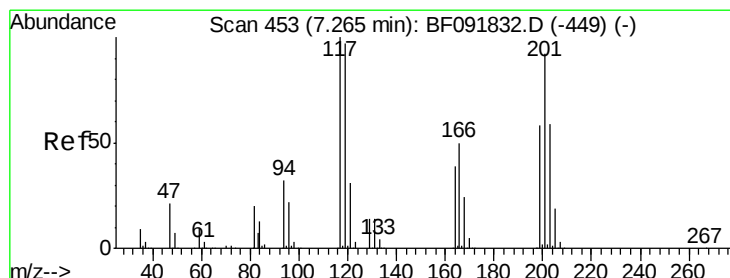
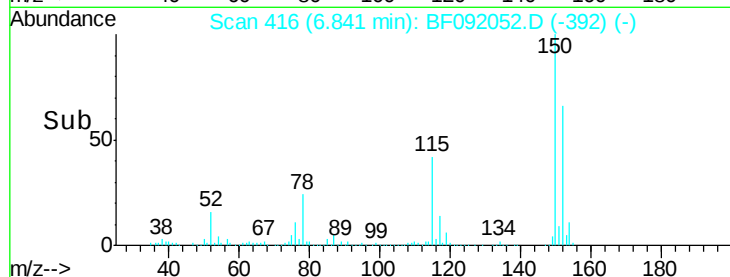
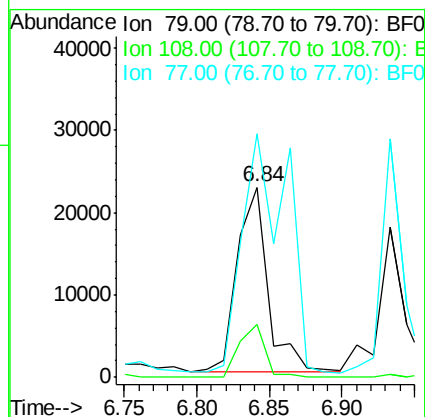
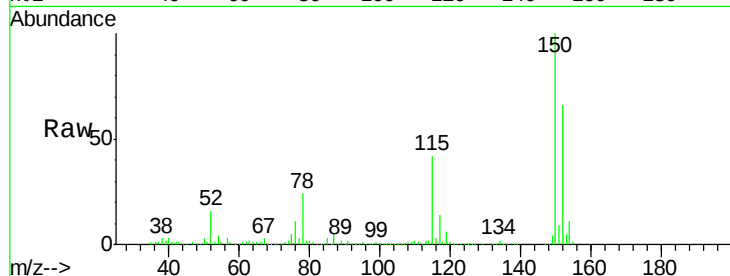
Tgt Ion: 79 Resp: 33193

Ion Ratio Lower Upper

79 100

108 27.9 61.4 92.0#

77 128.2 50.9 76.3#



#18

Hexachloroethane

Concen: 120.01 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.03 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

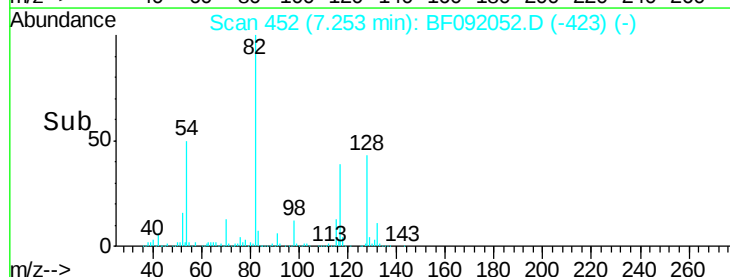
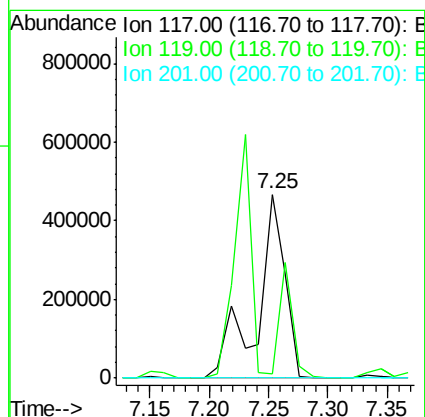
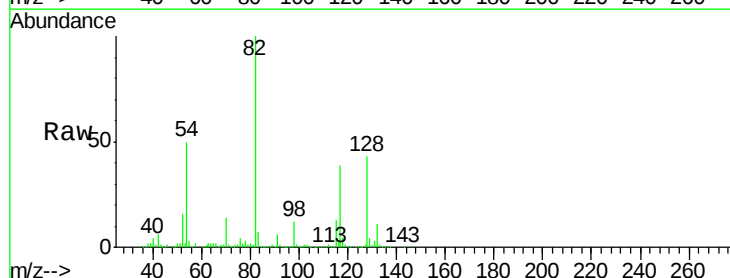
Tgt Ion: 117 Resp: 759765

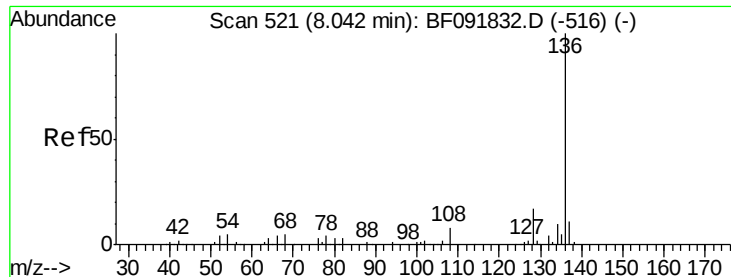
Ion Ratio Lower Upper

117 100

119 2.2 78.1 117.1#

201 0.0 78.6 117.8#



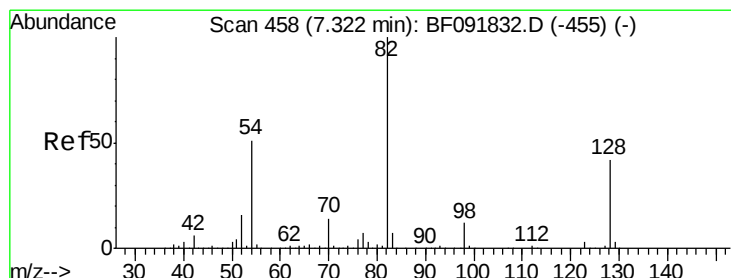
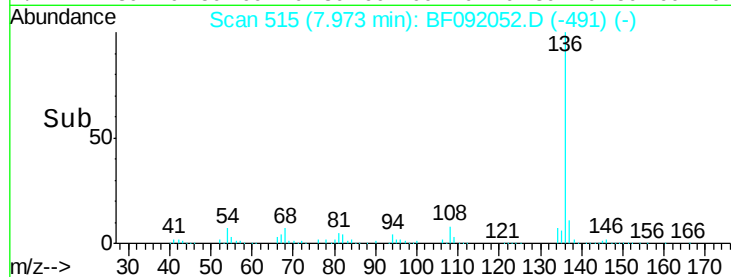
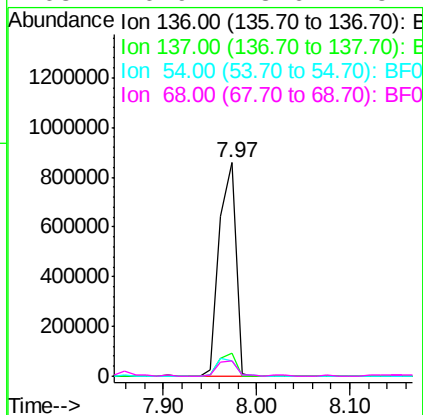
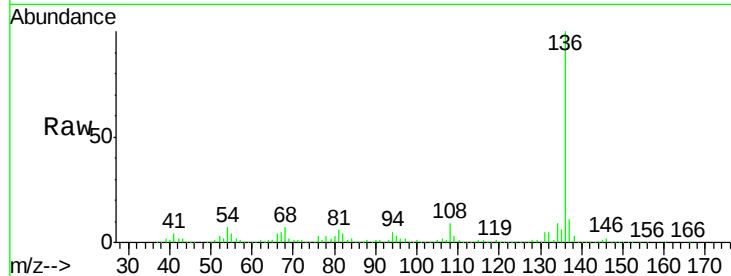


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Instrument :
BNA_F
ClientSampleId :
MW-07

Tgt Ion:136 Resp: 1063970

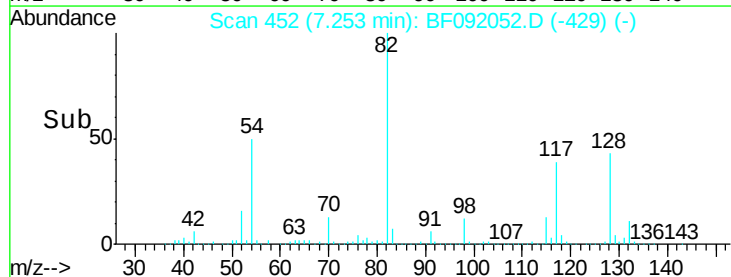
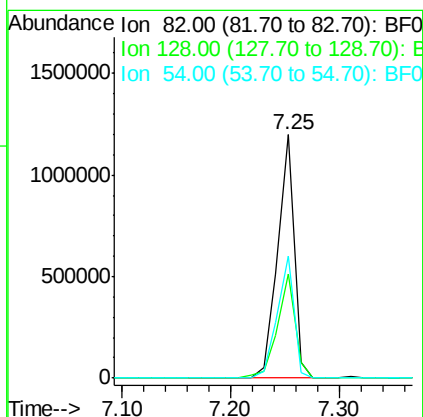
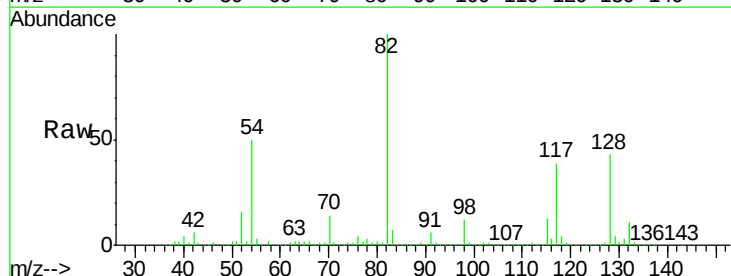
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.2	4.5	6.7#
68	6.9	3.6	5.4#

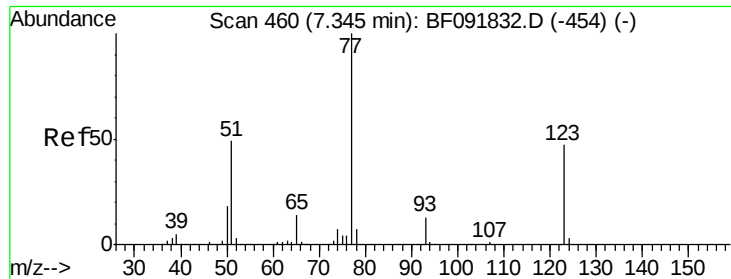


#23
Nitrobenzene-d5
Concen: 66.55 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Tgt Ion: 82 Resp: 1273425

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	50.2	39.5	59.3





#24

Nitrobenzene

Concen: 5.66 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.07 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

Instrument :

BNA_F

ClientSampleId :

MW-07

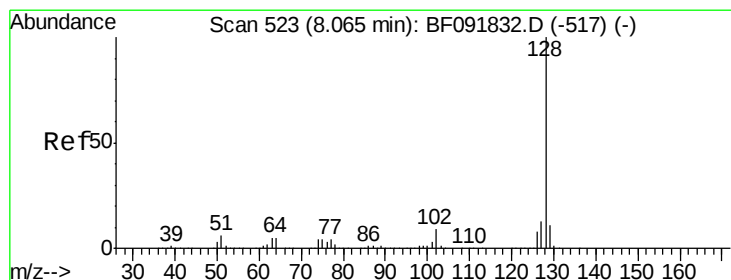
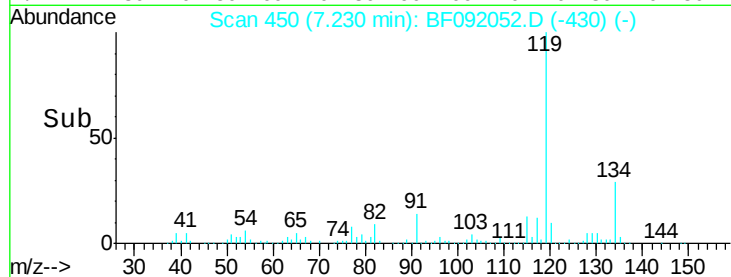
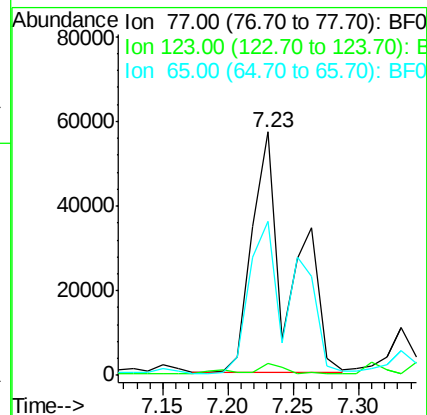
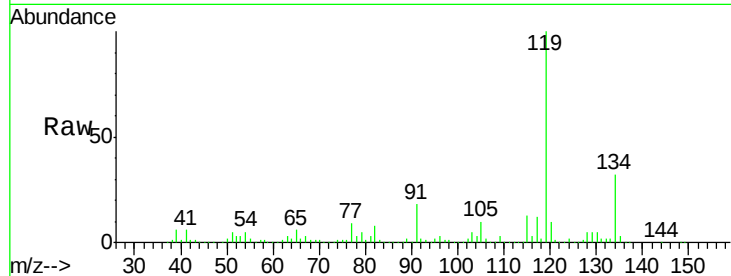
Tgt Ion: 77 Resp: 115440

Ion Ratio Lower Upper

77 100

123 4.9 33.0 49.4#

65 63.5 11.2 16.8#



#31

Naphthalene

Concen: 5.54 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

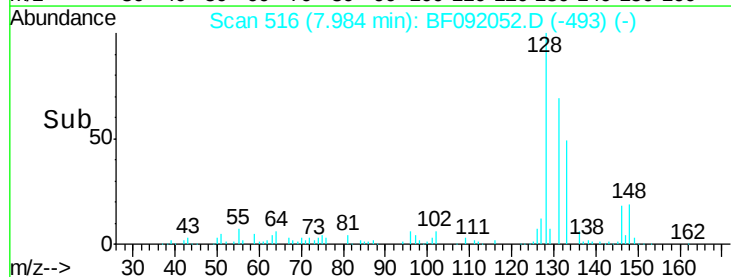
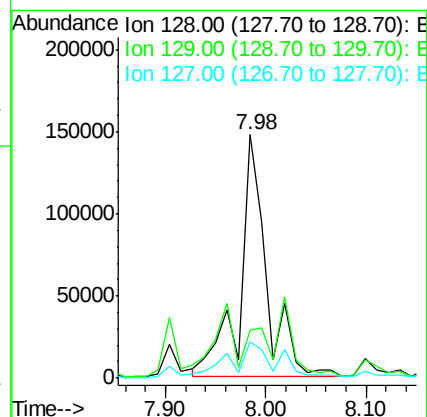
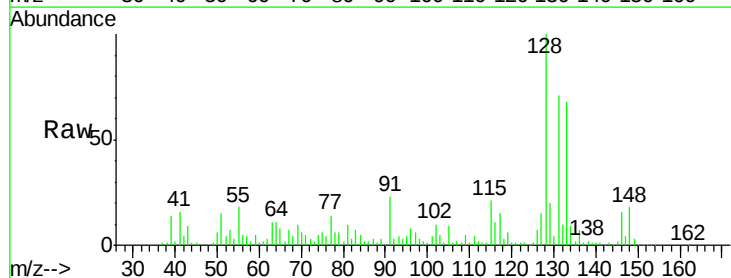
Tgt Ion: 128 Resp: 269951

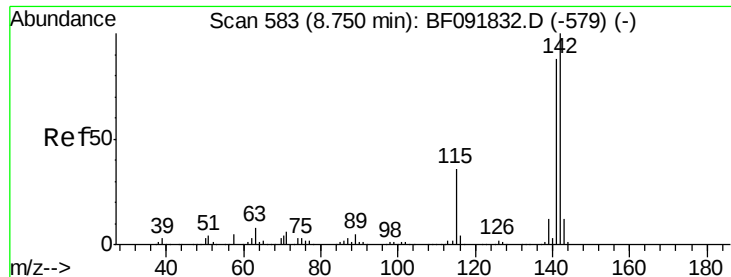
Ion Ratio Lower Upper

128 100

129 19.5 9.5 14.3#

127 14.9 10.8 16.2

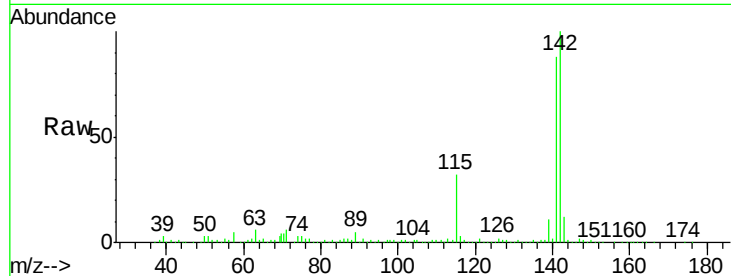




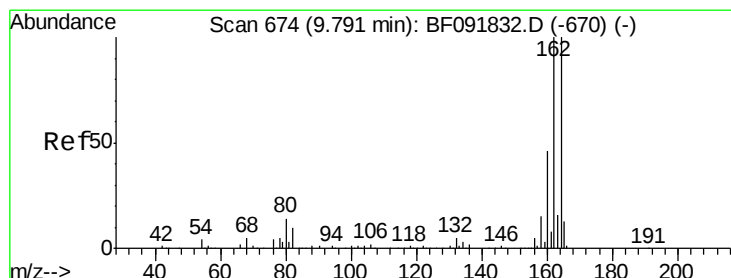
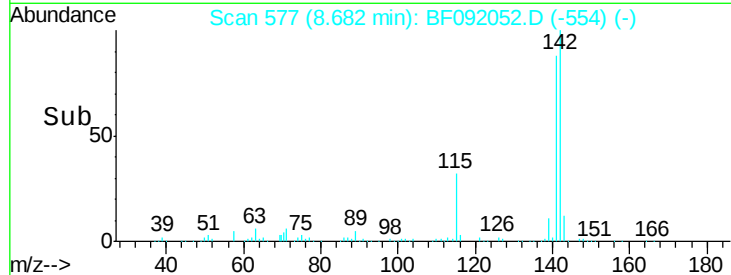
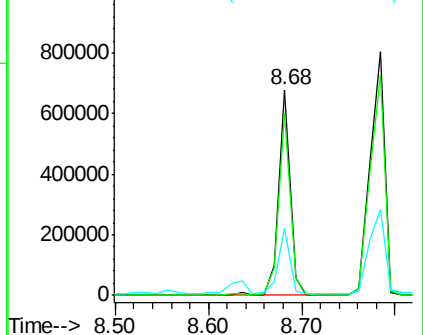
#37
2-Methylnaphthalene
Concen: 15.80 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.03 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Instrument :
BNA_F
ClientSampleId :
MW-07

Tgt Ion:142 Resp: 581724
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 32.4 28.3 42.5

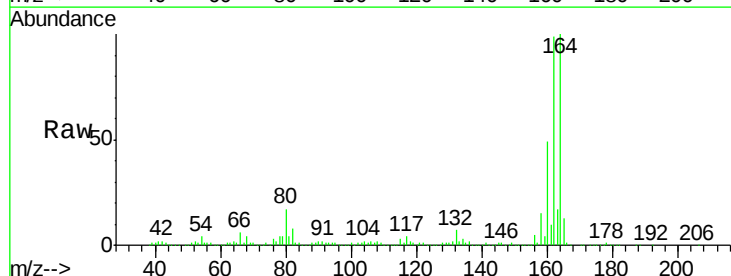


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

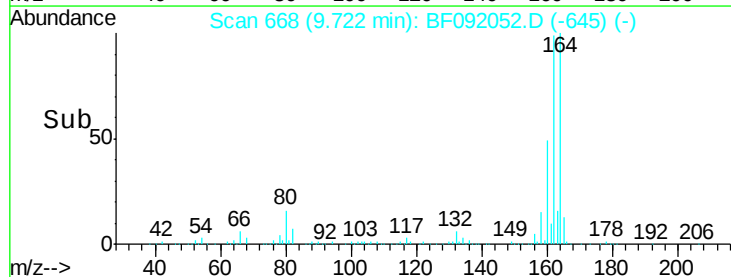
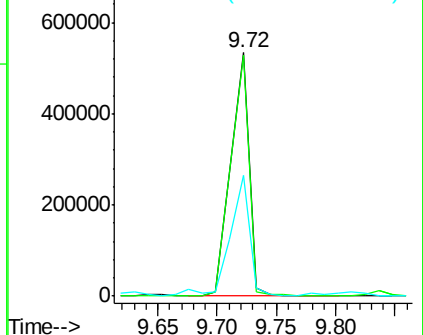


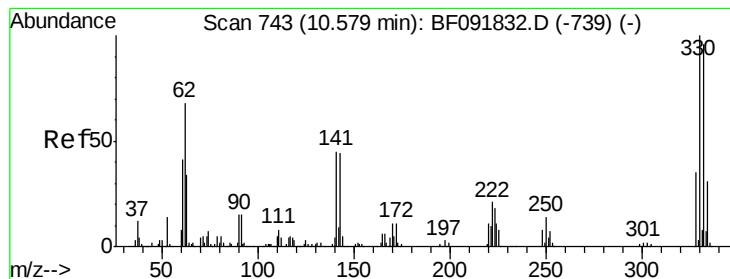
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Tgt Ion:164 Resp: 570238
Ion Ratio Lower Upper
164 100
162 99.3 80.2 120.2
160 49.4 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: 109.21 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

Instrument :

BNA_F

ClientSampleId :

MW-07

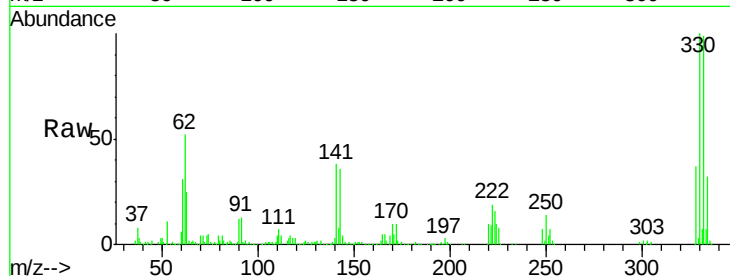
Tgt Ion:330 Resp: 515368

Ion Ratio Lower Upper

330 100

332 98.7 77.4 116.2

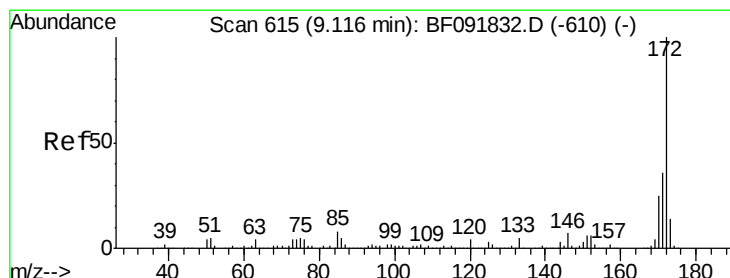
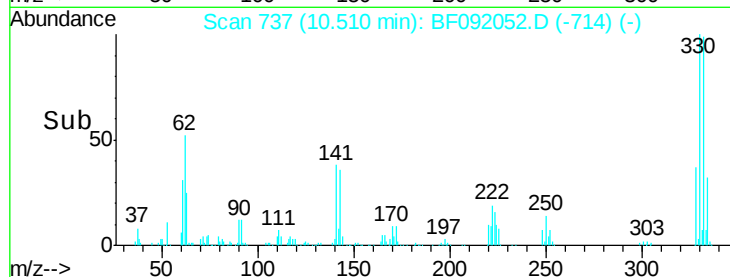
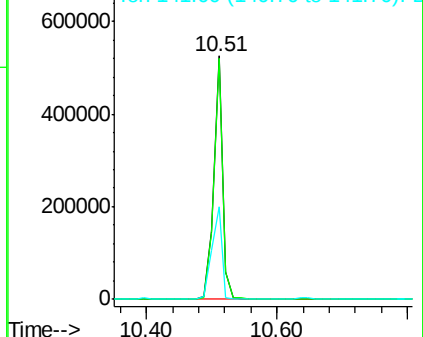
141 42.5 34.1 51.1



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: 84.81 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

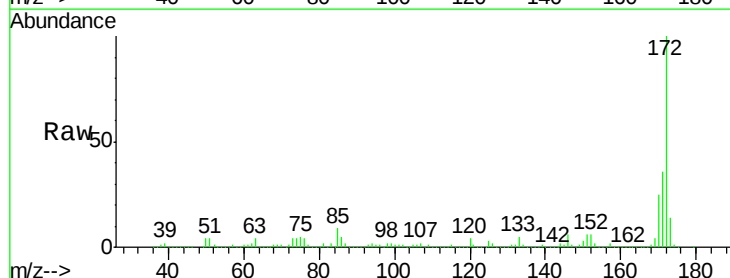
Tgt Ion:172 Resp: 2361199

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

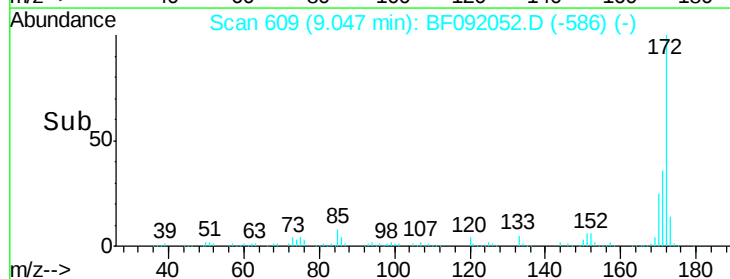
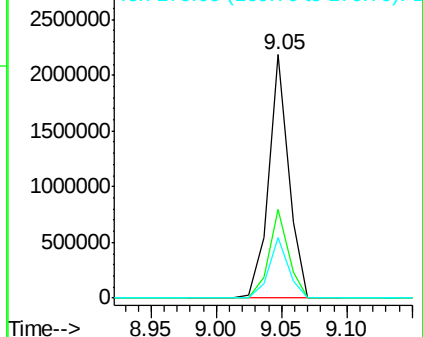
170 25.0 20.2 30.4

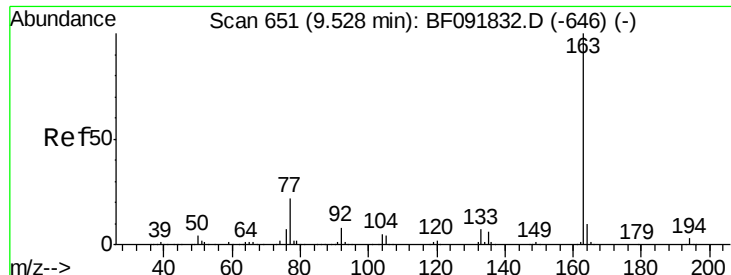


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

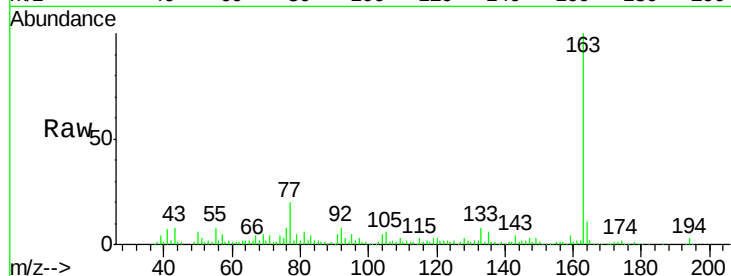




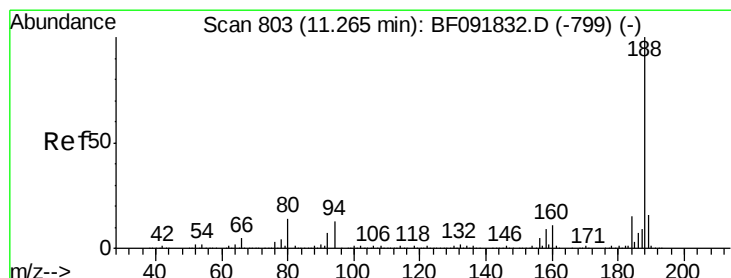
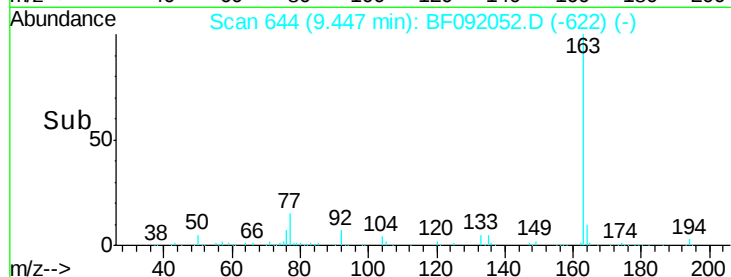
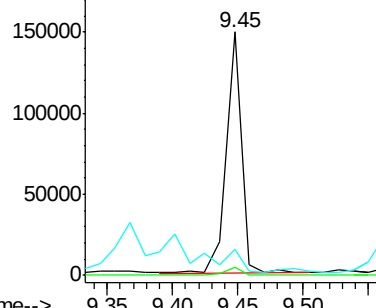
#49
Dimethylphthalate
Concen: 3.40 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Instrument :
BNA_F
ClientSampleId :
MW-07

Tgt Ion:163 Resp: 123859
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.9 8.0 12.0

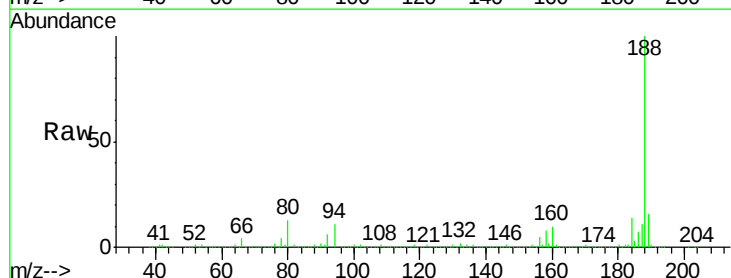


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

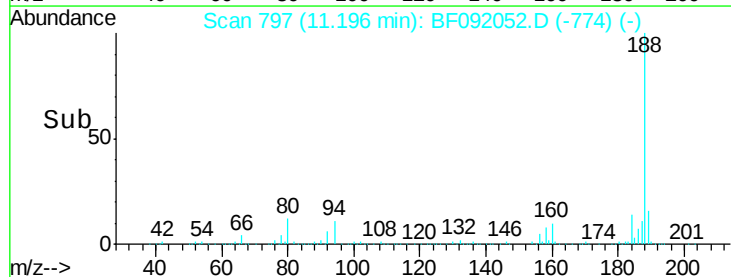
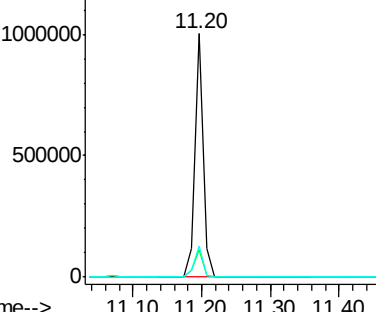


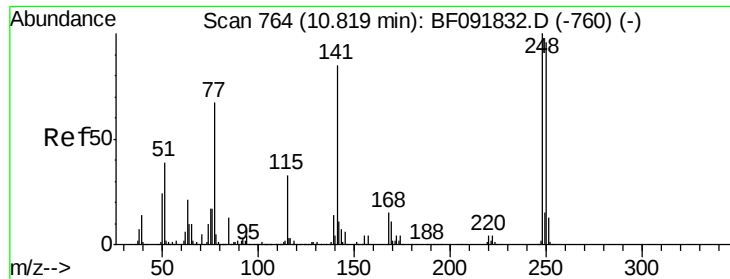
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF092052.D
Acq: 30 Dec 2016 18:22

Tgt Ion:188 Resp: 863512
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 12.6 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

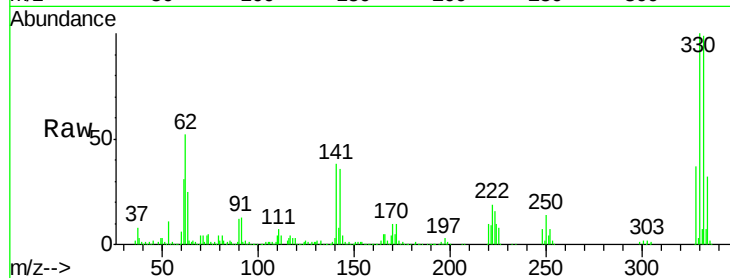




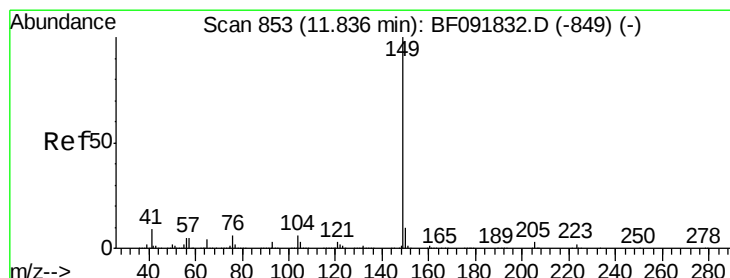
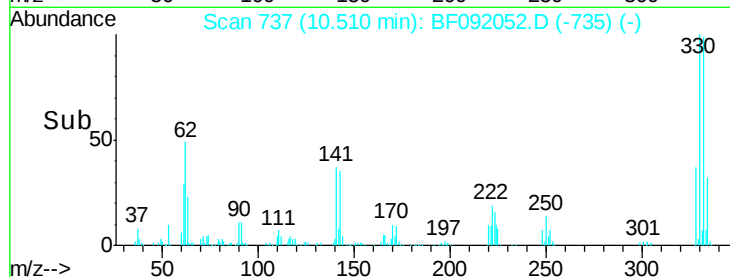
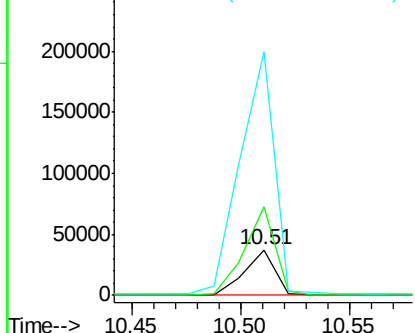
#66
 4-Bromophenyl-phenylether
 Concen: 4.05 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.27 min
 Lab File: BF092052.D
 Acq: 30 Dec 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion:248 Resp: 36381
 Ion Ratio Lower Upper
 248 100
 250 197.1 76.9 115.3#
 141 537.2 68.2 102.4#

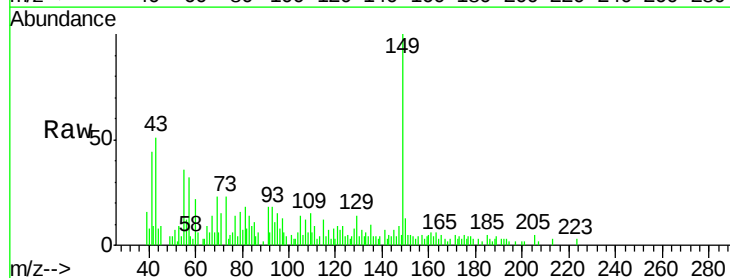


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

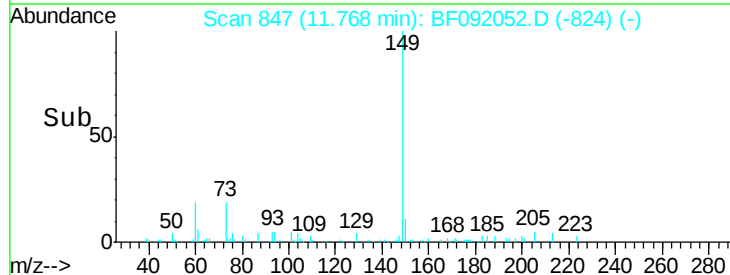
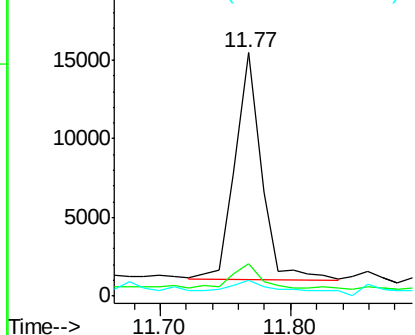


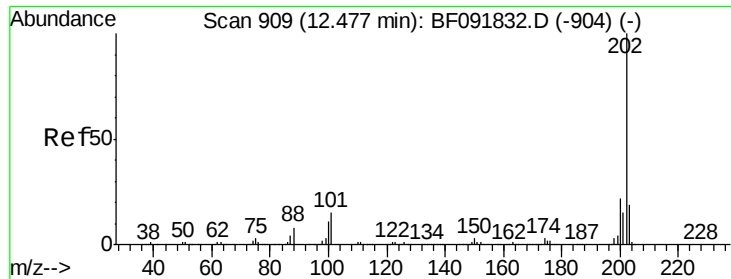
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.77 min Scan# 847
 Delta R.T. -0.03 min
 Lab File: BF092052.D
 Acq: 30 Dec 2016 18:22

Tgt Ion:149 Resp: 20066
 Ion Ratio Lower Upper
 149 100
 150 13.2 8.1 12.1#
 104 6.3 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.41 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

Instrument :

BNA_F

ClientSampleId :

MW-07

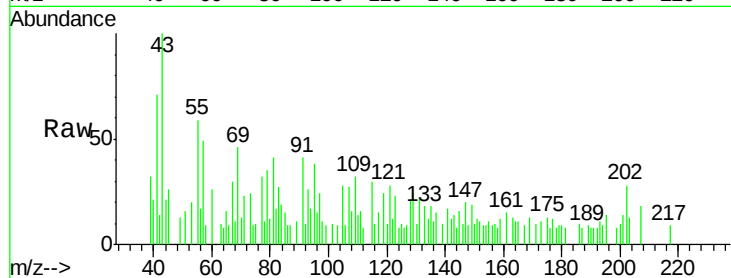
Tgt Ion: 202 Resp: 1973

Ion Ratio Lower Upper

202 100

101 36.0 0.0 34.6#

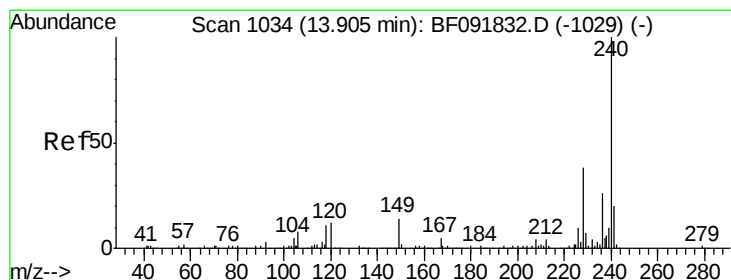
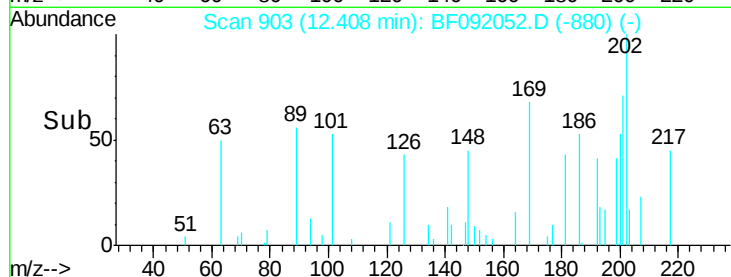
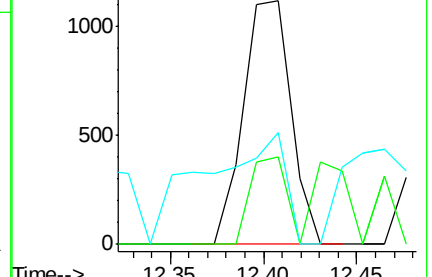
203 46.1 0.0 38.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

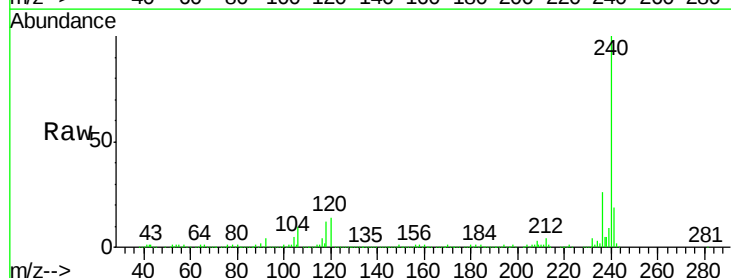
Tgt Ion: 240 Resp: 546263

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

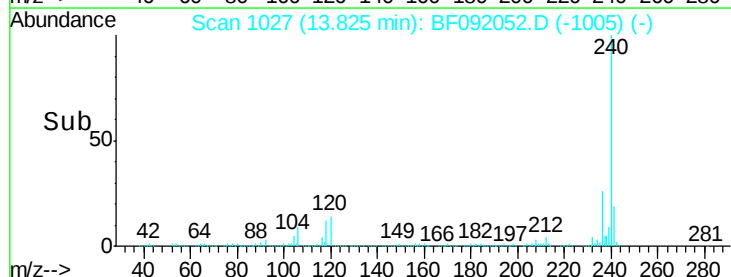
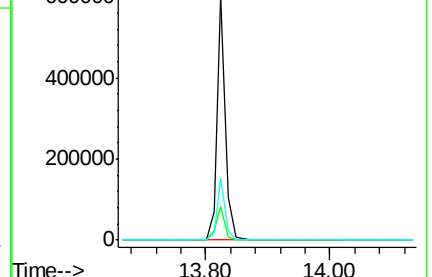
236 25.5 20.9 31.3

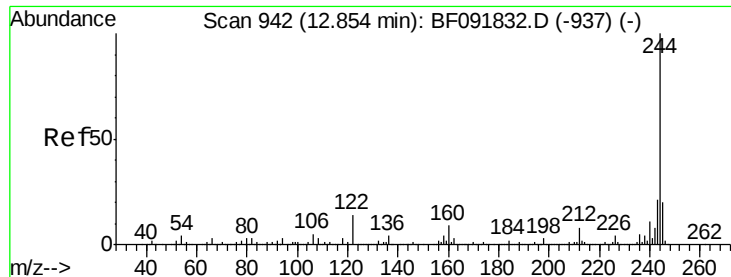


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.84 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

Instrument :

BNA_F

ClientSampleId :

MW-07

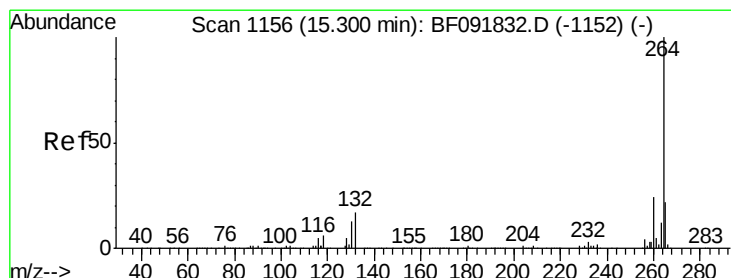
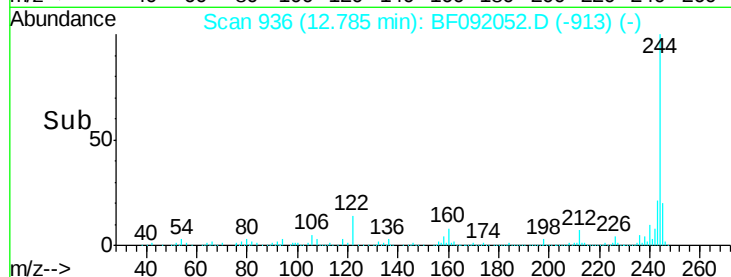
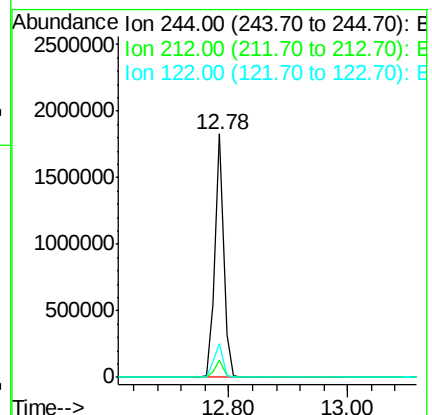
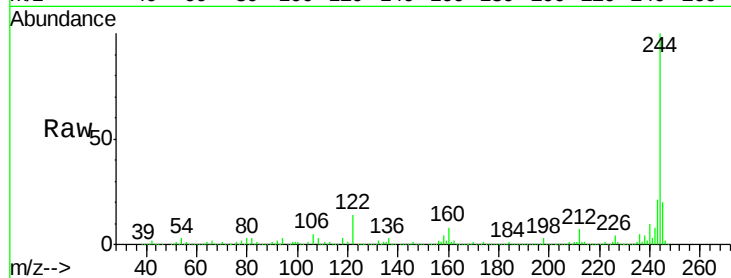
Tgt Ion:244 Resp: 1888452

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

122 14.0 11.4 17.2



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.05 min

Lab File: BF092052.D

Acq: 30 Dec 2016 18:22

Tgt Ion:264 Resp: 465217

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.7 17.4 26.0

