

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
 Data File : BF079900.D
 Acq On : 11 Jun 2015 17:34
 Operator : TP/IZ
 Sample : G2522-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Jun 12 04:27:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 00:59:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	49597	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	194052	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	97632	20.00	ng	0.00
63) Phenanthrene-d10	11.98	188	210083	20.00	ng	0.00
75) Chrysene-d12	15.07	240	234255	20.00	ng	0.08
86) Perylene-d12	17.04	264	213561	20.00	ng	0.11

System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	192686	65.09	ng	0.01
7) Phenol-d6	6.99	99	164964	42.60	ng	0.00
23) Nitrobenzene-d5	7.95	82	263360	80.73	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	133290	152.97	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	657877	94.97	ng	0.00
78) Terphenyl-d14	13.74	244	908272	88.10	ng	0.05

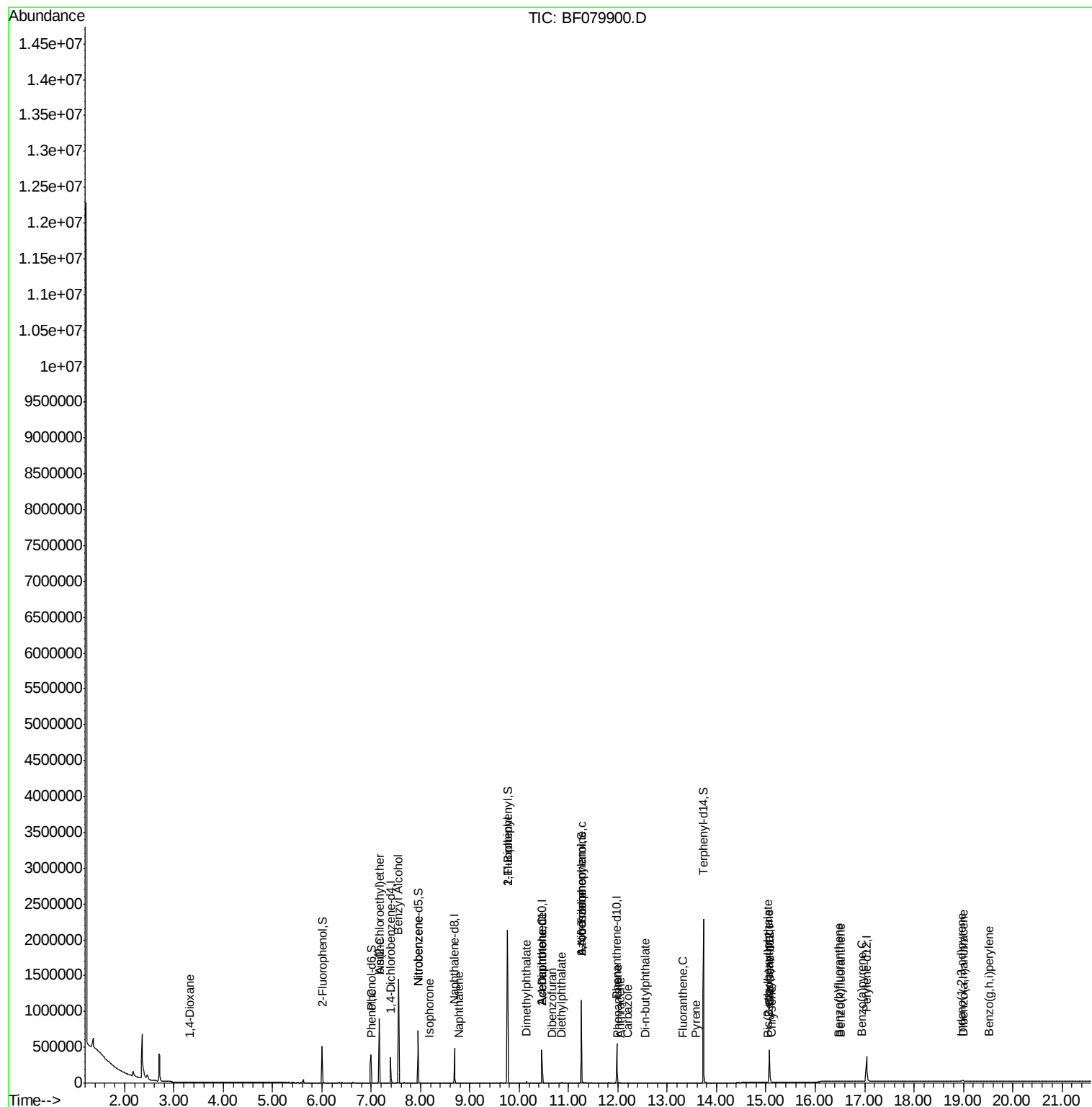
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	659	0.49	ng	# 20
6) Aniline	7.16	93	553	0.10	ng	# 1
10) Phenol	7.00	94	414	0.10	ng	# 44
11) bis(2-Chloroethyl)ether	7.16	93	553	0.17	ng	# 1
15) Benzyl Alcohol	7.55	79	5359	1.73	ng	# 47
24) Nitrobenzene	7.95	77	771	0.23	ng	# 27
25) Isophorone	8.18	82	207	0.03	ng	# 67
31) Naphthalene	8.78	128	227	0.02	ng	# 1
45) 1,1'-Biphenyl	9.76	154	1193	0.15	ng	# 1
49) Dimethylphthalate	10.15	163	11190	1.45	ng	# 97
51) Acenaphthene	10.46	154	324	0.05	ng	# 4
54) Dibenzofuran	10.66	168	216	0.02	ng	# 43
56) 2,4-Dinitrotoluene	10.46	165	12915	7.58	ng	# 32
59) Diethylphthalate	10.86	149	4002	0.53	ng	# 94
62) Azobenzene	11.26	77	765	0.10	ng	# 1
65) n-Nitrosodiphenylamine	11.26	169	4651	0.66	ng	# 45
70) Phenanthrene	12.00	178	567	0.04	ng	# 60
71) Anthracene	12.06	178	317	0.03	ng	# 60
72) Carbazole	12.20	167	232	0.02	ng	# 59
73) Di-n-butylphthalate	12.55	149	1920	0.16	ng	# 79
74) Fluoranthene	13.31	202	680	0.05	ng	# 64
77) Pyrene	13.58	202	418	0.03	ng	# 57
80) Benzo(a)anthracene	15.06	228	2220	0.16	ng	# 93
82) Chrysene	15.11	228	1924	0.15	ng	# 80
83) Bis(2-ethylhexyl)phthalate	15.04	149	605	0.08	ng	# 52
85) Indeno(1,2,3-cd)pyrene	18.97	276	12735	0.91	ng	# 94
87) Benzo(b)fluoranthene	16.48	252	3643	0.29	ng	# 91
88) Benzo(k)fluoranthene	16.51	252	5405	0.41	ng	# 91
89) Benzo(a)pyrene	16.95	252	5161	0.43	ng	# 91
90) Dibenzo(a,h)anthracene	18.99	278	11352	1.02	ng	# 99
91) Benzo(g,h,i)perylene	19.53	276	12639	1.08	ng	# 94

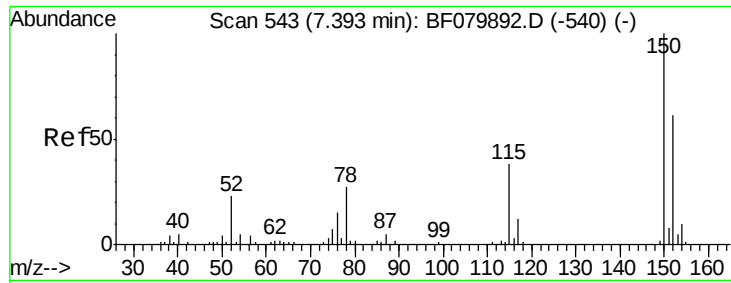
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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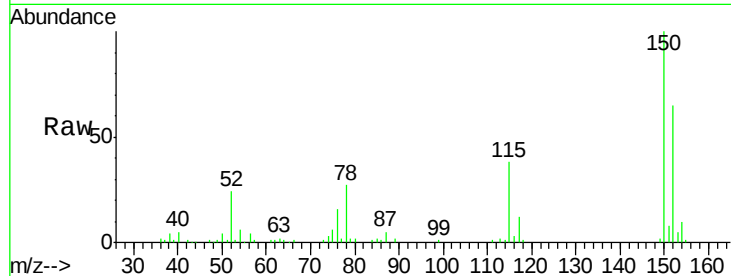


#1

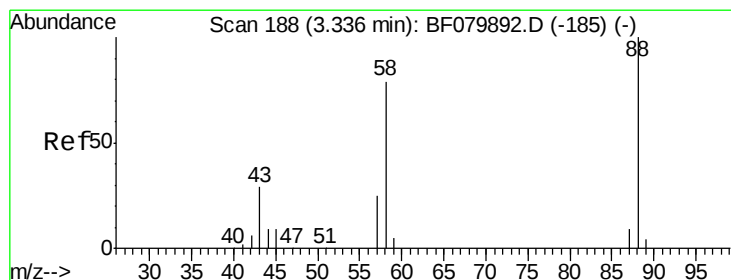
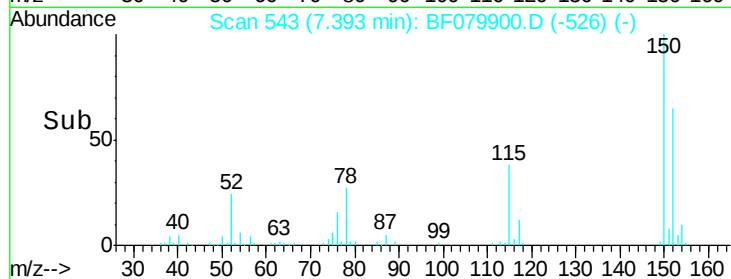
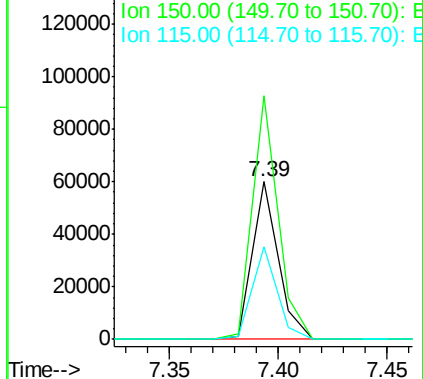
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:152 Resp: 49597
Ion Ratio Lower Upper
152 100
150 154.3 131.0 196.4
115 58.7 49.8 74.6



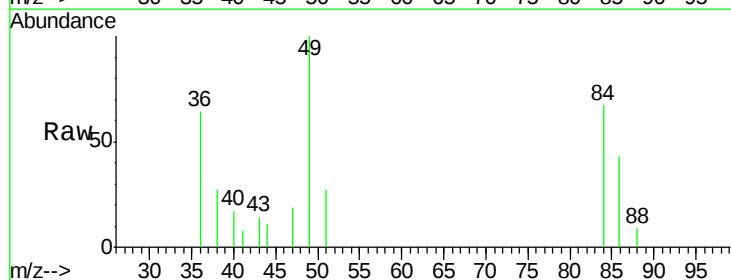
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



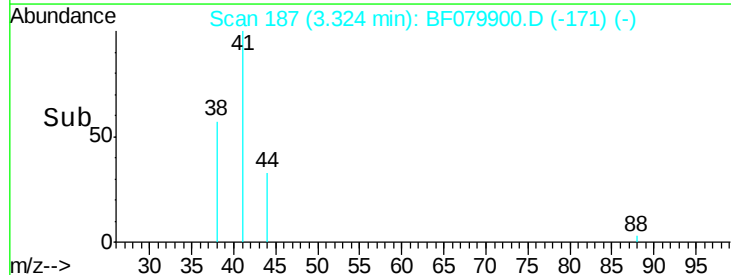
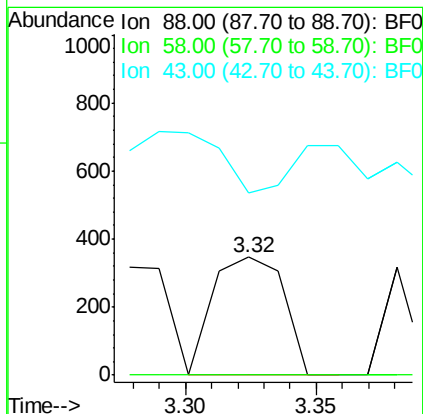
#2

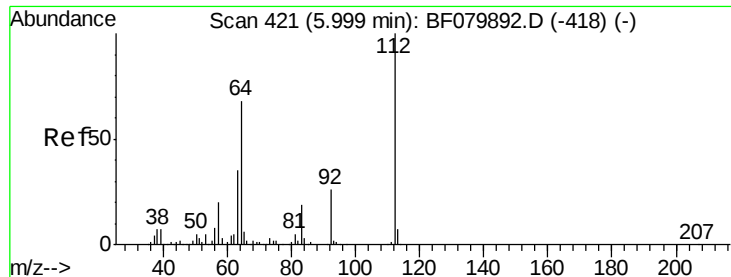
1,4-Dioxane
Concen: 0.49 ng
RT: 3.32 min Scan# 187
Delta R.T. -0.01 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion: 88 Resp: 659
Ion Ratio Lower Upper
88 100
58 0.0 63.0 94.4#
43 0.0 23.2 34.8#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 65.09 ng

RT: 6.01 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

Instrument :

BNA_F

ClientSampleId :

MW-20

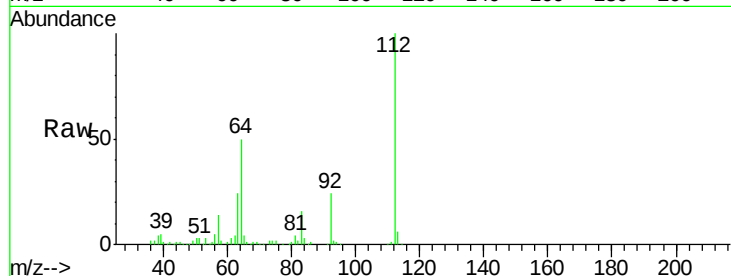
Tgt Ion: 112 Resp: 192686

Ion Ratio Lower Upper

112 100

64 49.9 54.5 81.7#

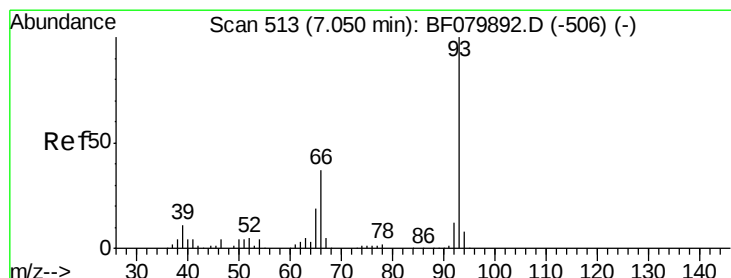
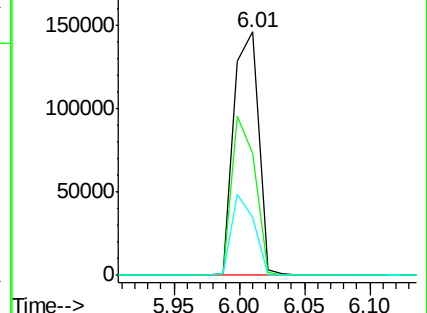
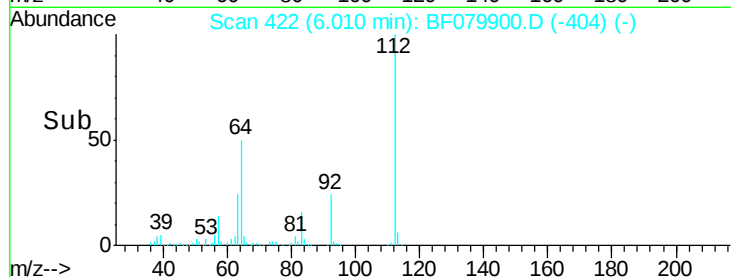
63 23.9 27.9 41.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.10 ng

RT: 7.16 min Scan# 523

Delta R.T. 0.11 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

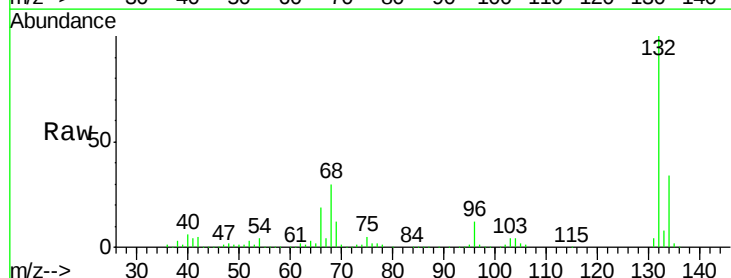
Tgt Ion: 93 Resp: 553

Ion Ratio Lower Upper

93 100

66 12919.9 29.4 44.0#

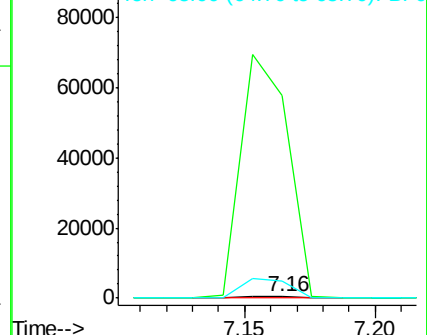
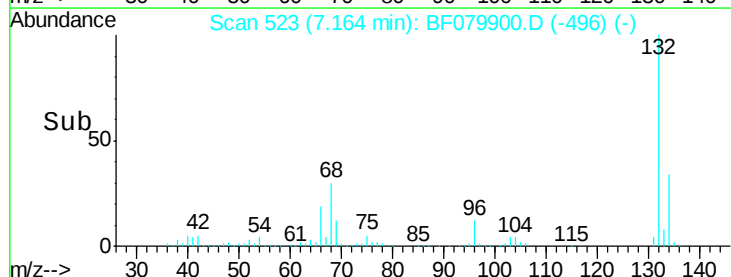
65 1115.4 14.9 22.3#

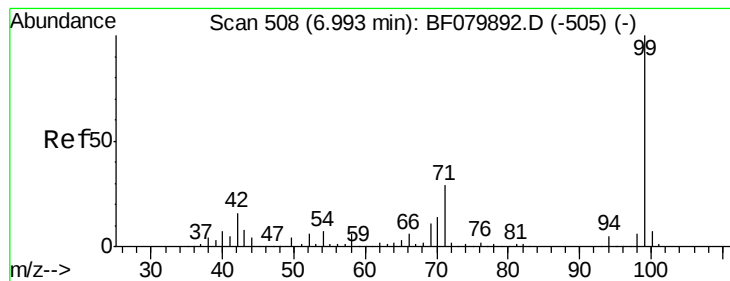


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 42.60 ng

RT: 6.99 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

Instrument :

BNA_F

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MW-20

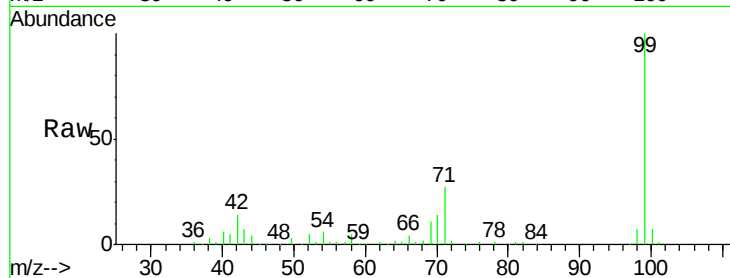
Tgt Ion: 99 Resp: 164964

Ion Ratio Lower Upper

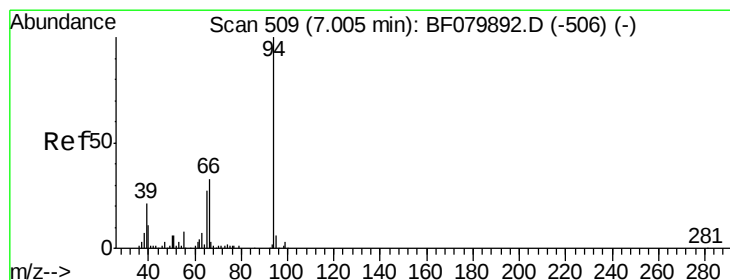
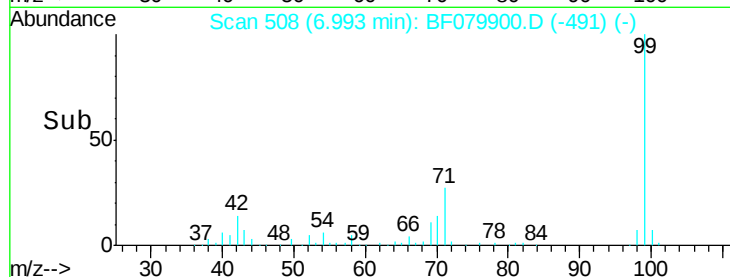
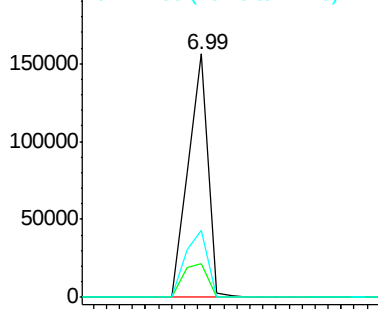
99 100

42 14.1 12.9 19.3

71 27.3 23.4 35.2



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: 0.10 ng

RT: 7.00 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

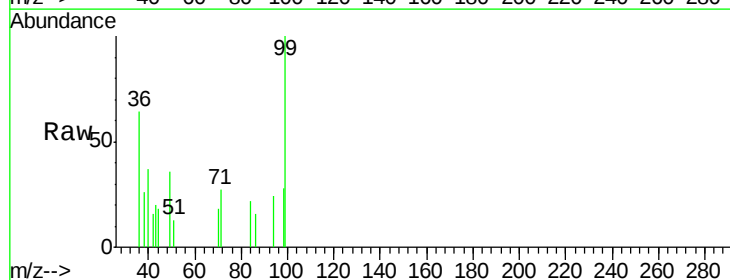
Tgt Ion: 94 Resp: 414

Ion Ratio Lower Upper

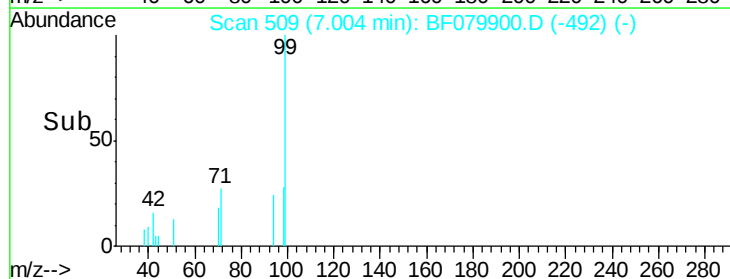
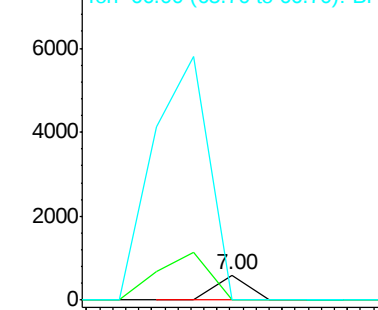
94 100

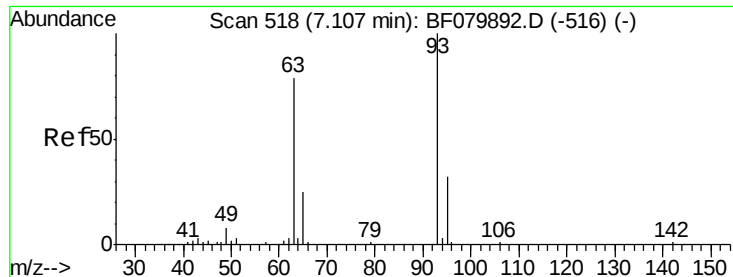
65 0.0 7.0 47.0#

66 0.0 13.3 53.3#



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

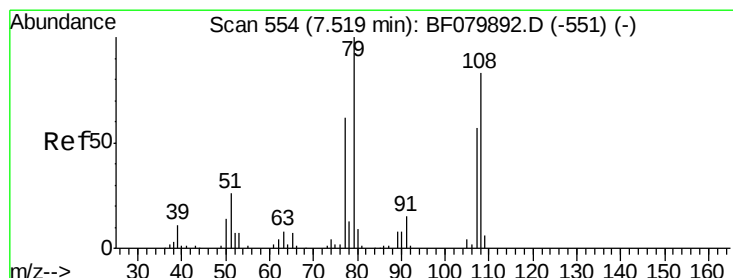
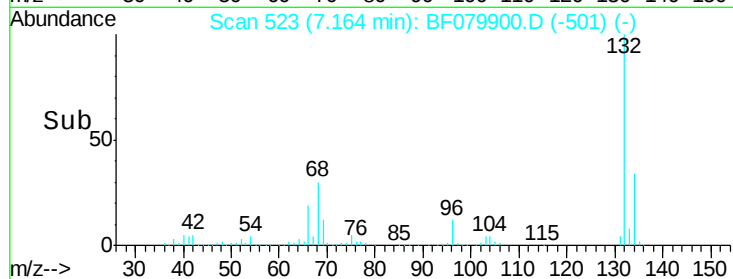
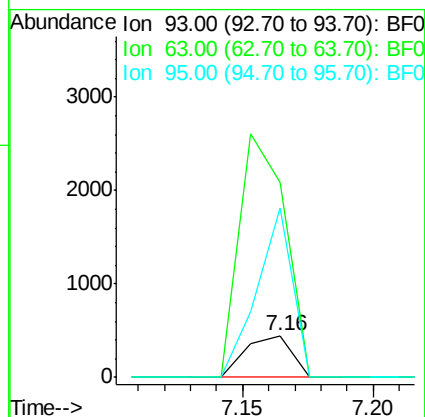
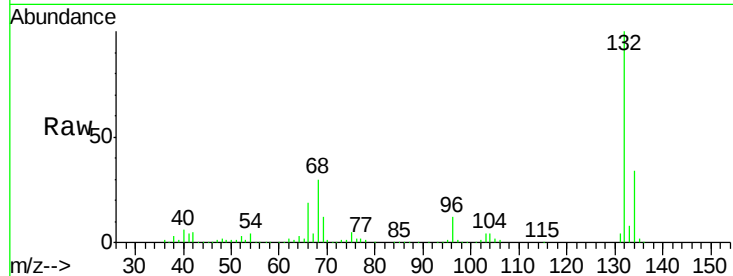




#11
bis(2-Chloroethyl)ether
Concen: 0.17 ng
RT: 7.16 min Scan# 523
Delta R.T. 0.06 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

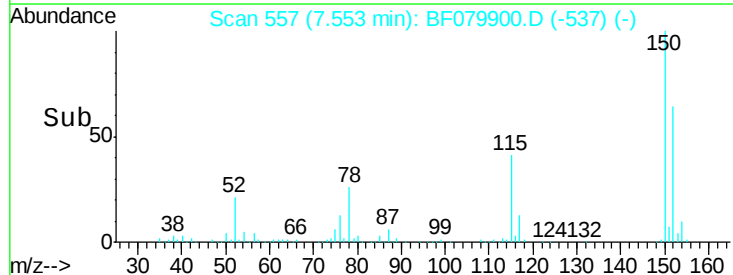
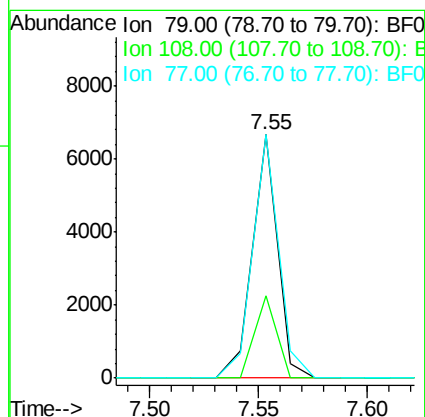
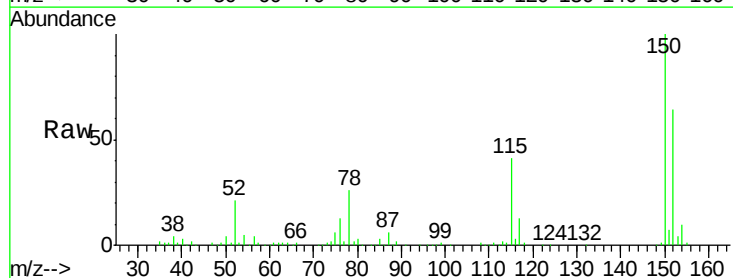
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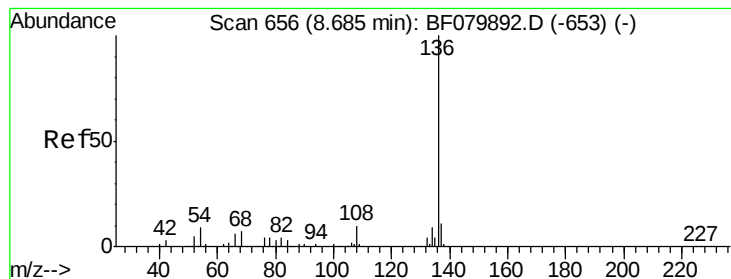
Tgt Ion: 93 Resp: 553
Ion Ratio Lower Upper
93 100
63 467.3 58.7 98.7#
95 405.1 11.5 51.5#



#15
Benzyl Alcohol
Concen: 1.73 ng
RT: 7.55 min Scan# 557
Delta R.T. 0.03 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion: 79 Resp: 5359
Ion Ratio Lower Upper
79 100
108 33.7 66.4 99.6#
77 99.9 49.4 74.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

Instrument :

BNA_F

ClientSampleId :

MW-20

Tgt Ion: 136 Resp: 194052

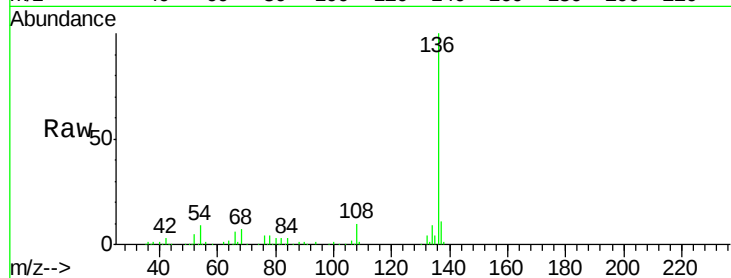
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.2 7.3 10.9

68 6.8 5.9 8.9

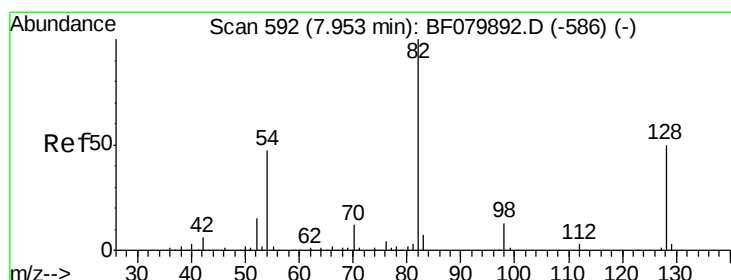
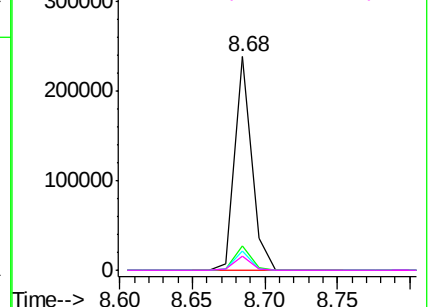
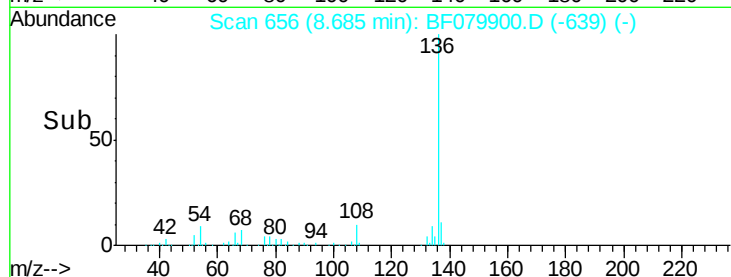


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.73 ng

RT: 7.95 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

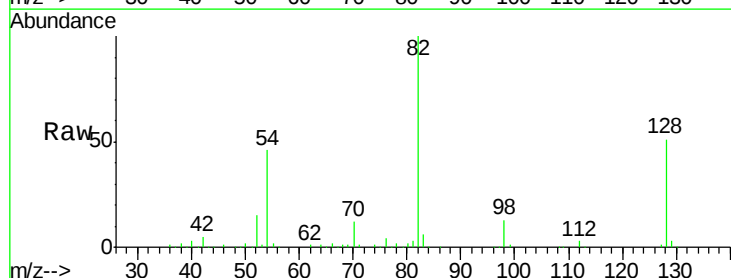
Tgt Ion: 82 Resp: 263360

Ion Ratio Lower Upper

82 100

128 51.5 40.3 60.5

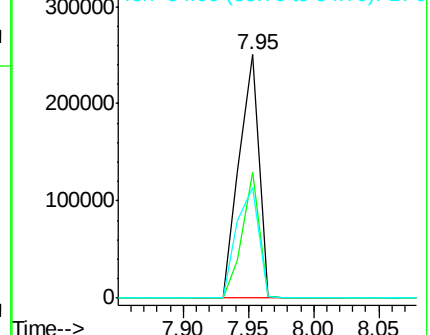
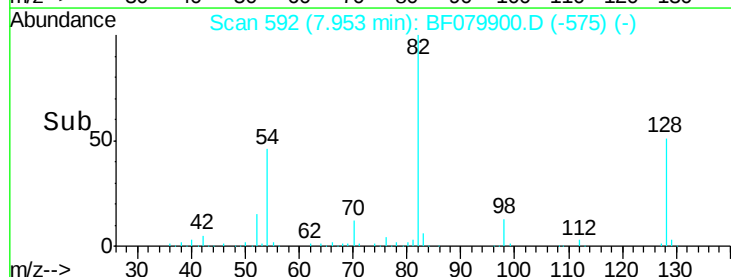
54 45.6 38.0 57.0

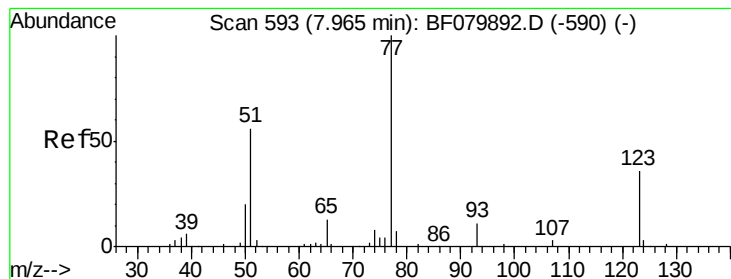


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.23 ng

RT: 7.95 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

Instrument :

BNA_F

ClientSampled :

MW-20

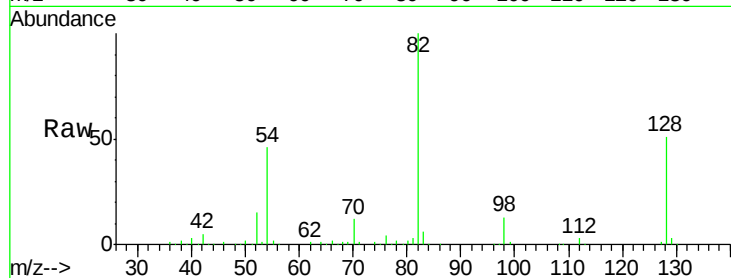
Tgt Ion: 77 Resp: 771

Ion Ratio Lower Upper

77 100

123 0.0 28.8 43.2#

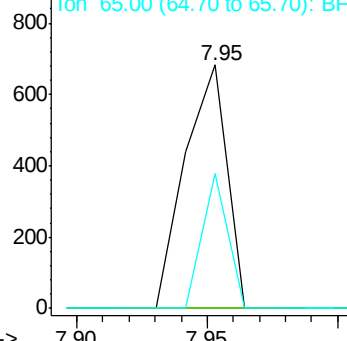
65 55.6 10.3 15.5#



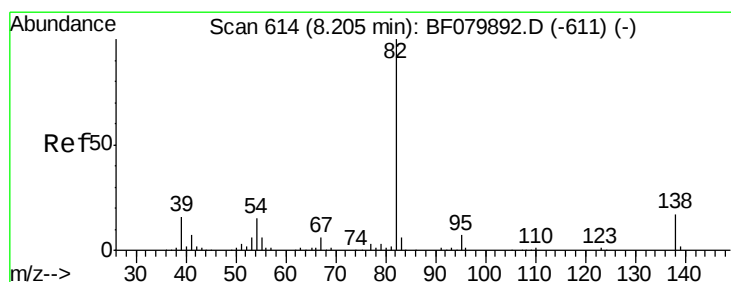
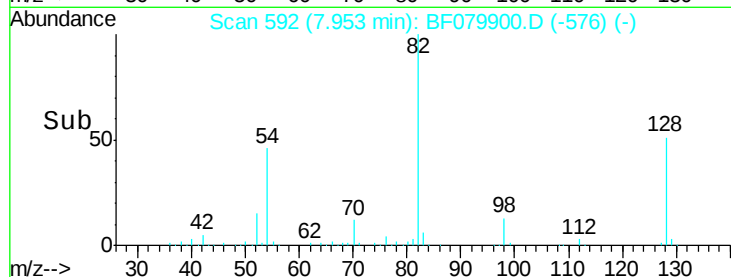
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#25

Isophorone

Concen: 0.03 ng

RT: 8.18 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

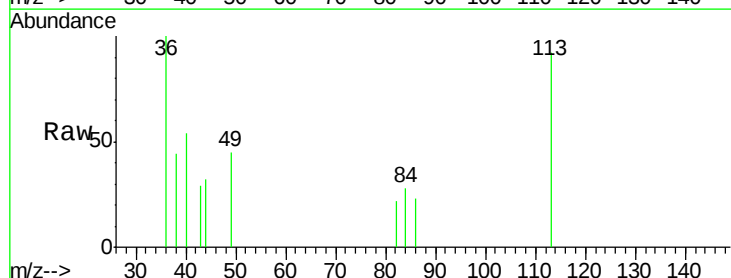
Tgt Ion: 82 Resp: 207

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

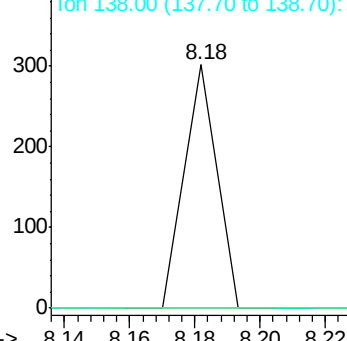
138 0.0 13.3 19.9#



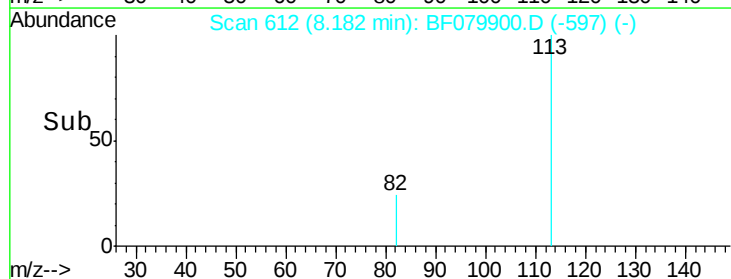
Abundance Ion 82.00 (81.70 to 82.70): BF0

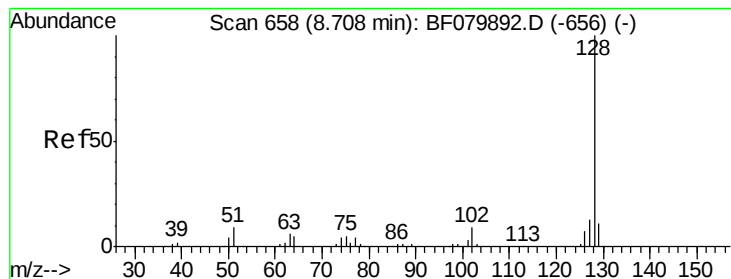
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



Time-->





#31

Naphthalene

Concen: 0.02 ng

RT: 8.78 min Scan# 664

Delta R.T. 0.07 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

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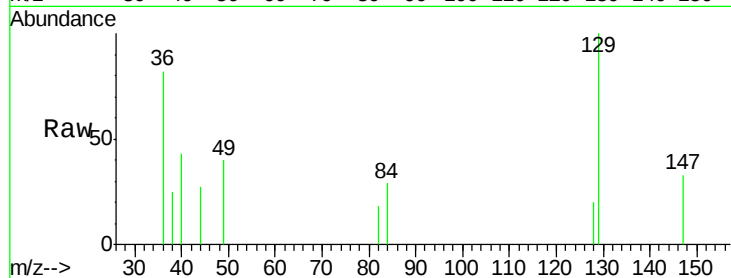
Tgt Ion:128 Resp: 227

Ion Ratio Lower Upper

128 100

129 510.0 8.8 13.2#

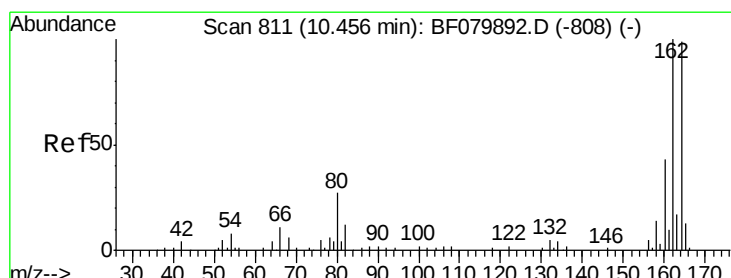
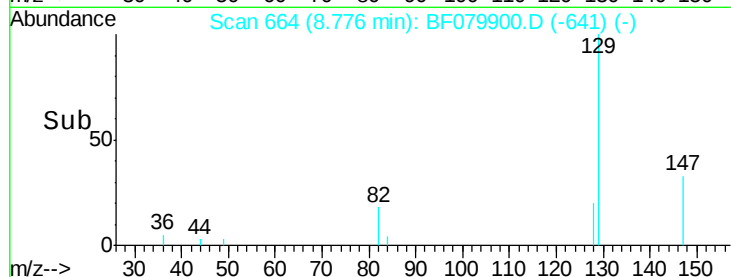
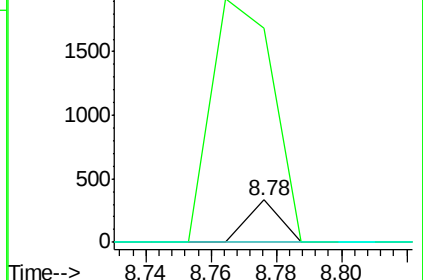
127 0.0 10.5 15.7#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.46 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

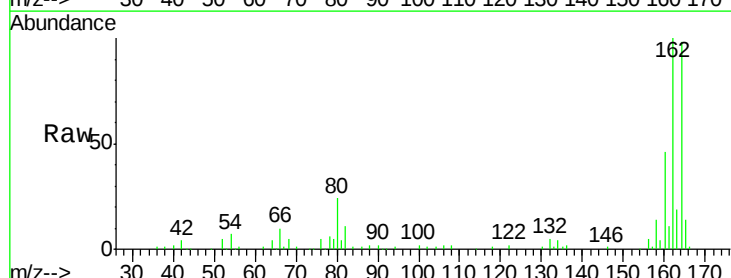
Tgt Ion:164 Resp: 97632

Ion Ratio Lower Upper

164 100

162 101.7 80.7 121.1

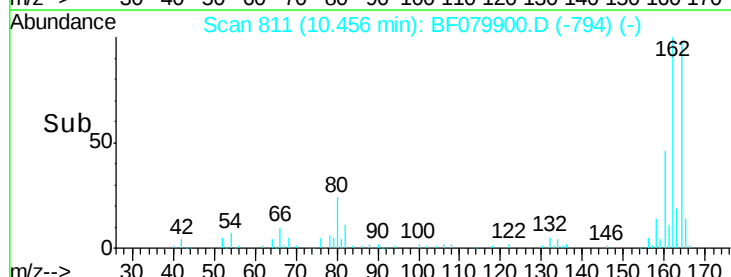
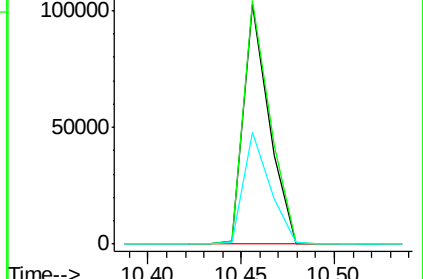
160 46.6 34.6 51.8

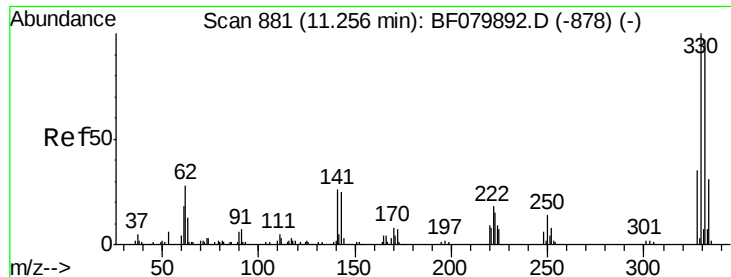


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

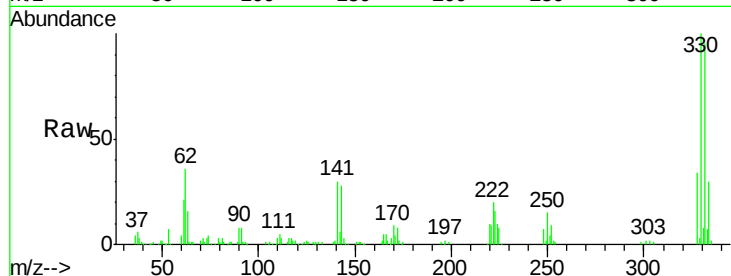




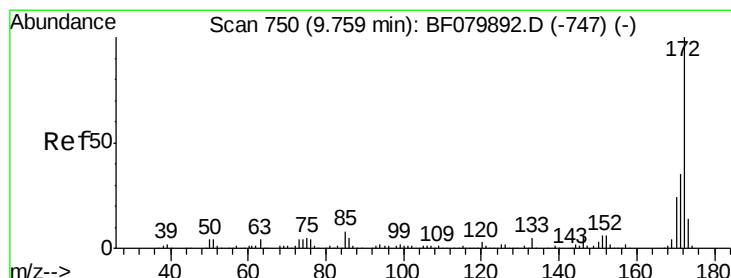
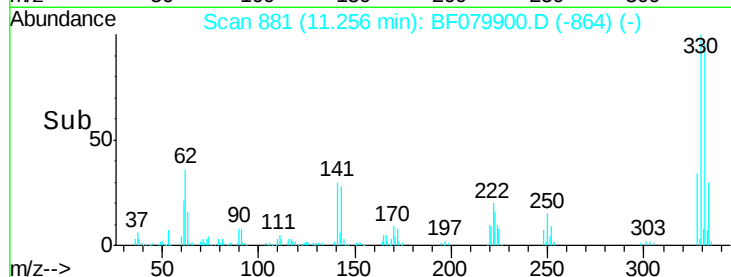
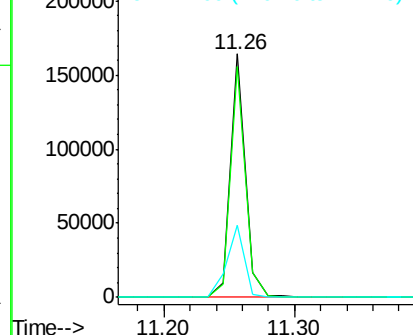
#41
 2,4,6-Tribromophenol
 Concen: 152.97 ng
 RT: 11.26 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF079900.D
 Acq: 11 Jun 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tgt Ion:330 Resp: 133290
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.3 115.9
 141 34.5 26.8 40.2

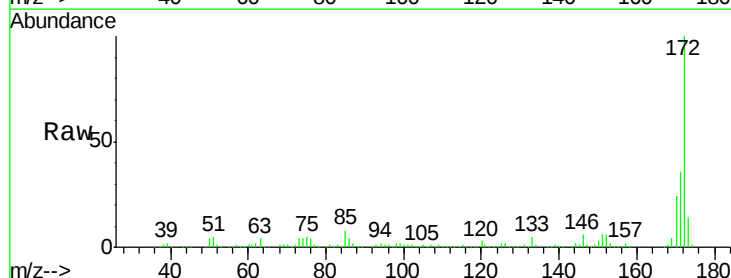


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

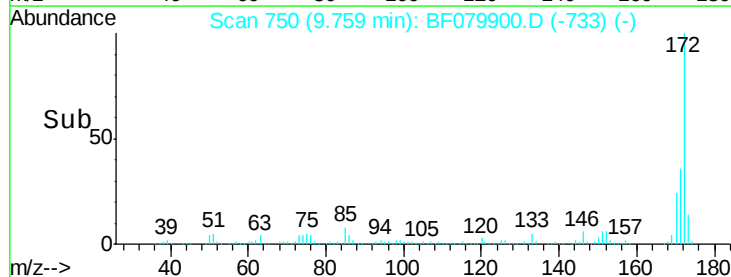
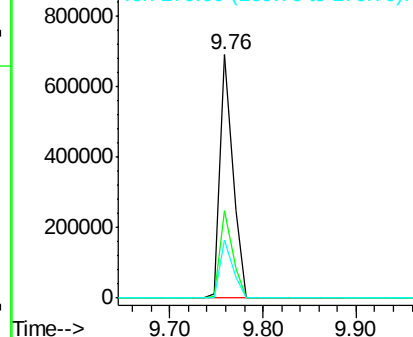


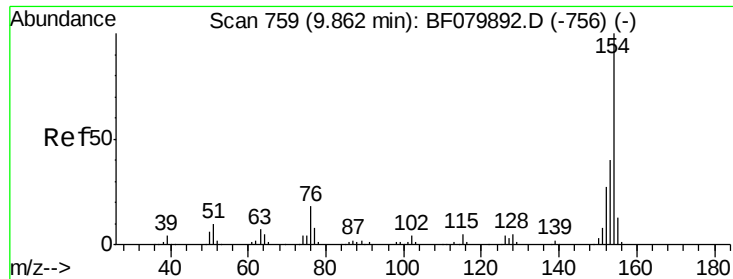
#44
 2-Fluorobiphenyl
 Concen: 94.97 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079900.D
 Acq: 11 Jun 2015 17:34

Tgt Ion:172 Resp: 657877
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.3 42.5
 170 24.0 19.0 28.4



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

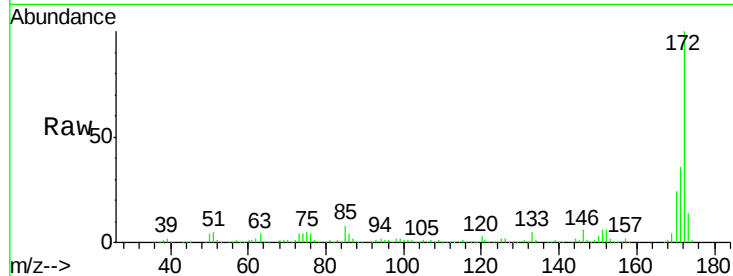




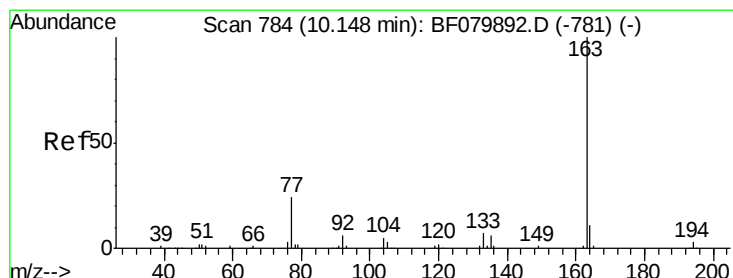
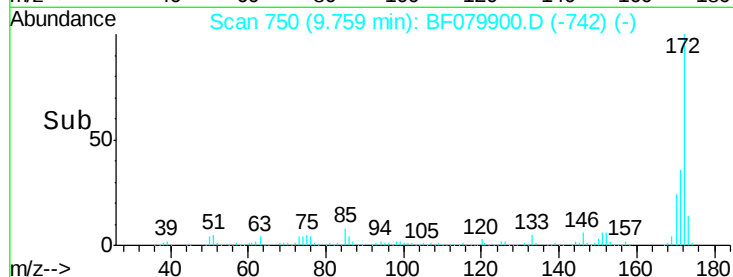
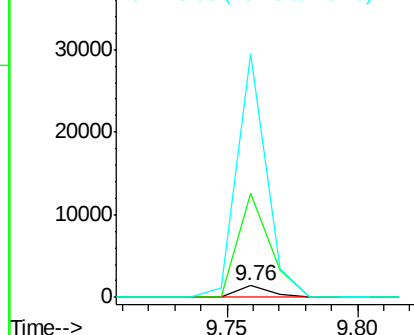
#45
 1,1'-Biphenyl
 Concen: 0.15 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.10 min
 Lab File: BF079900.D
 Acq: 11 Jun 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tgt Ion:154 Resp: 1193
 Ion Ratio Lower Upper
 154 100
 153 921.5 20.1 60.1#
 76 2145.0 0.0 38.4#

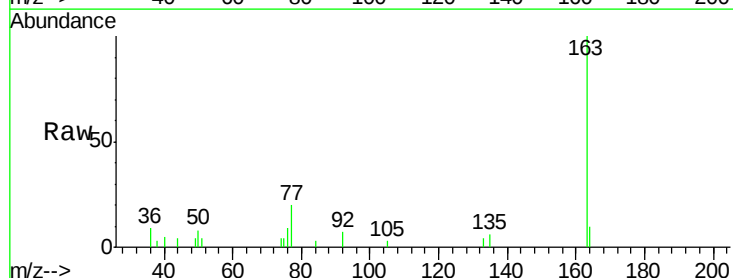


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

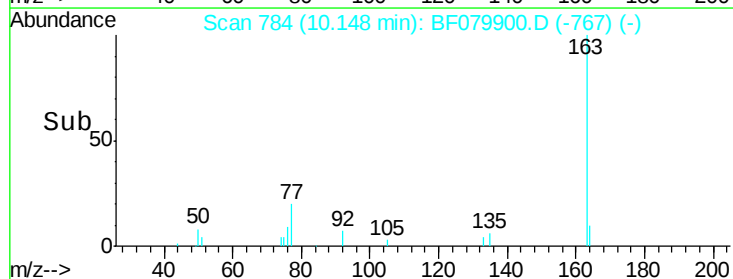
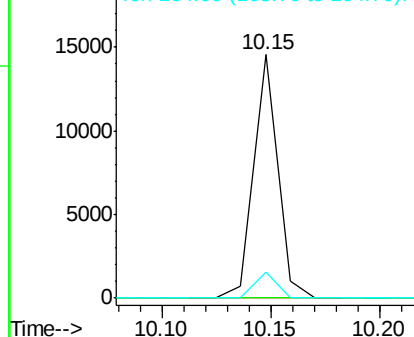


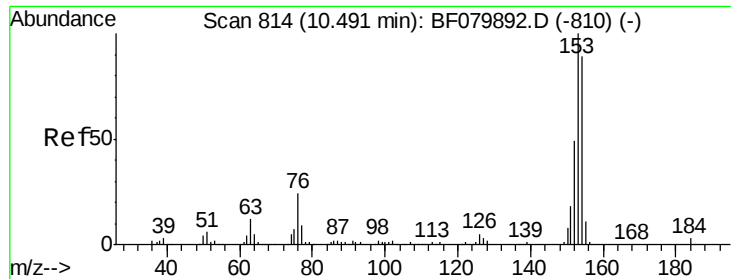
#49
 Dimethylphthalate
 Concen: 1.45 ng
 RT: 10.15 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF079900.D
 Acq: 11 Jun 2015 17:34

Tgt Ion:163 Resp: 11190
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.6 4.0#
 164 10.5 8.6 12.8



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





#51

Acenaphthene

Concen: 0.05 ng

RT: 10.46 min Scan# 811

Delta R.T. -0.03 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

Instrument :

BNA_F

ClientSampleId :

MW-20

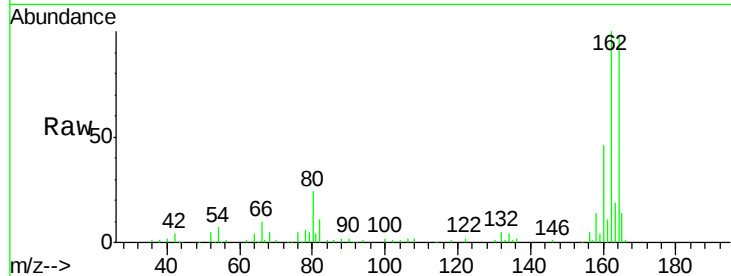
Tgt Ion:154 Resp: 324

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

152 0.0 43.7 65.5#



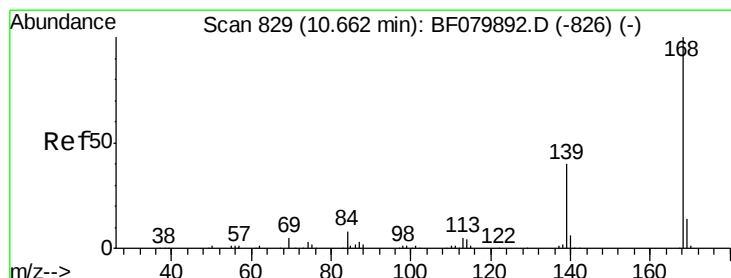
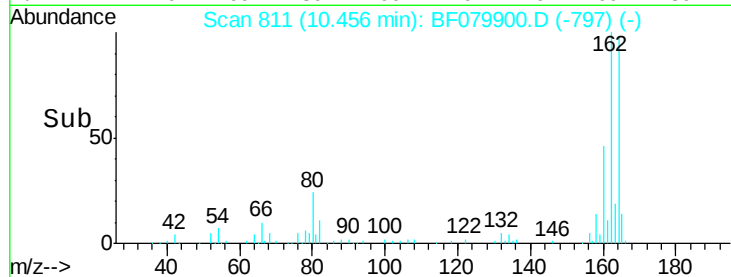
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

10.46

Time-->



#54

Dibenzofuran

Concen: 0.02 ng

RT: 10.66 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

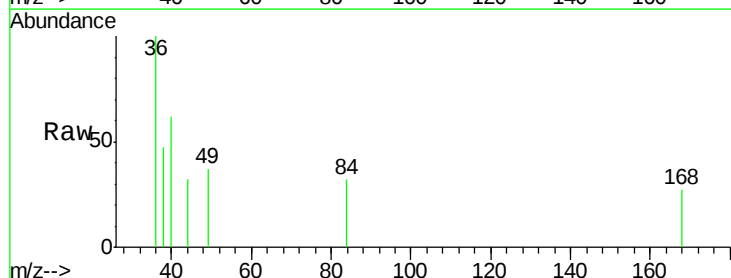
Tgt Ion:168 Resp: 216

Ion Ratio Lower Upper

168 100

139 0.0 32.2 48.2#

169 0.0 11.0 16.6#



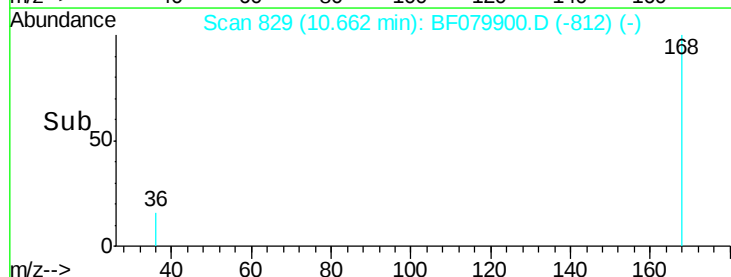
Abundance Ion 168.00 (167.70 to 168.70): E

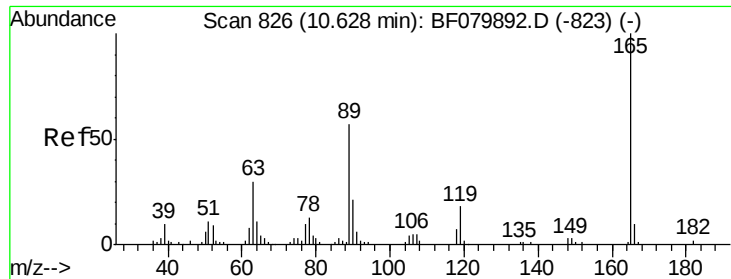
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

10.66

Time-->

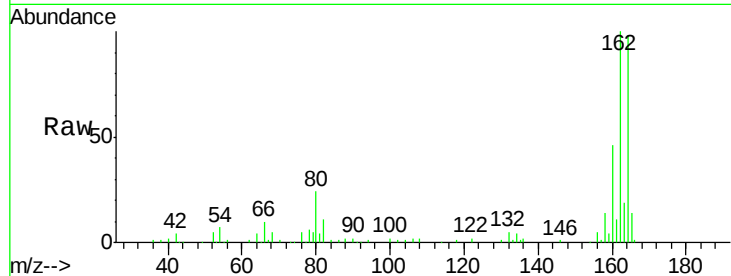




#56
 2,4-Dinitrotoluene
 Concen: 7.58 ng
 RT: 10.46 min Scan# 811
 Delta R.T. -0.17 min
 Lab File: BF079900.D
 Acq: 11 Jun 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.3	36.5#
89	0.0	45.4	68.2#
182	0.0	1.8	2.8#

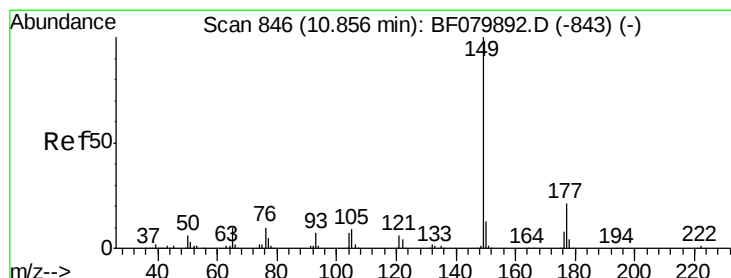
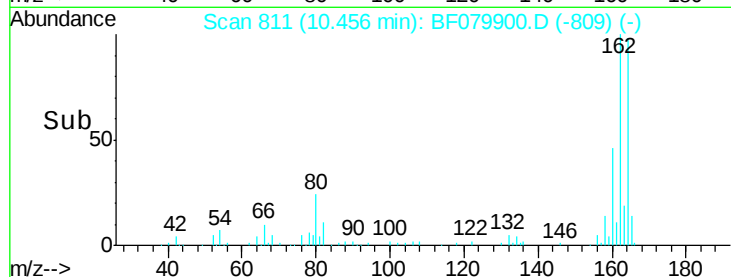
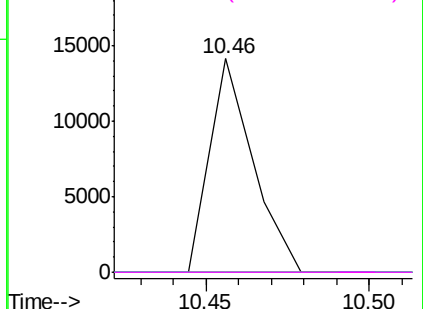


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

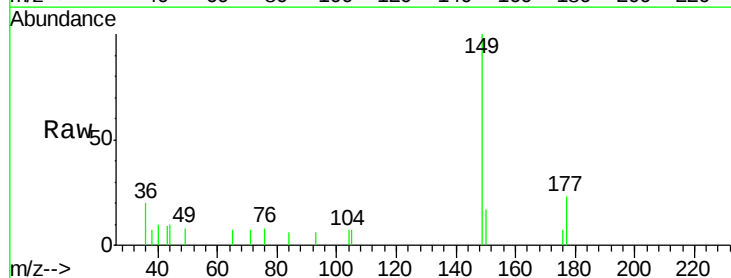
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#59
 Diethylphthalate
 Concen: 0.53 ng
 RT: 10.86 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF079900.D
 Acq: 11 Jun 2015 17:34

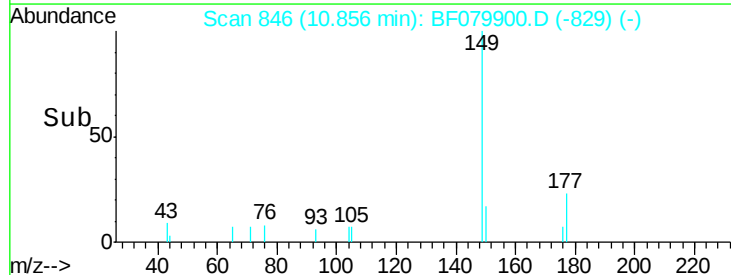
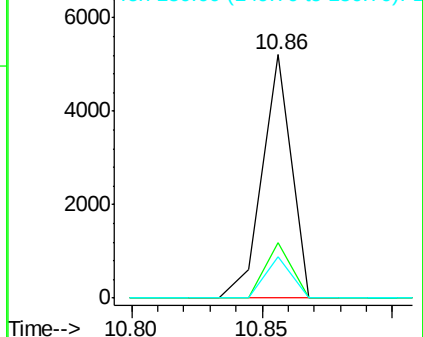
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.9	25.3
150	17.1	10.4	15.6#

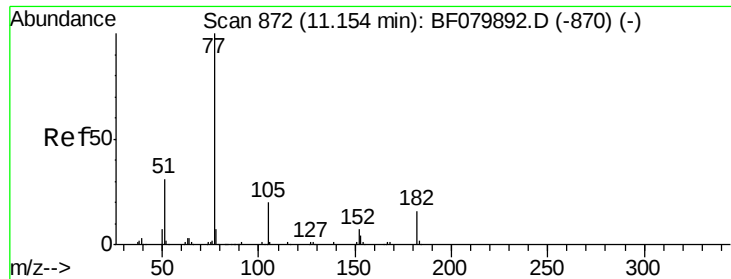


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

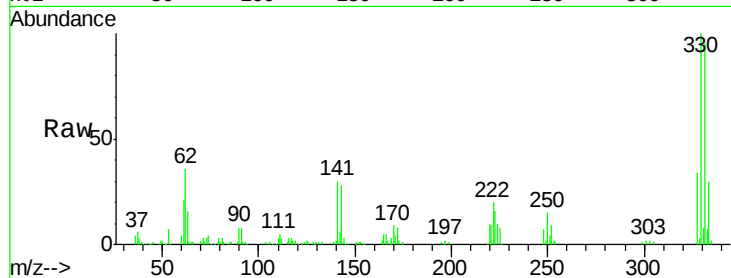




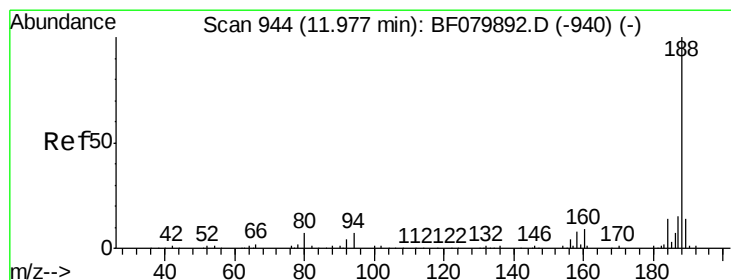
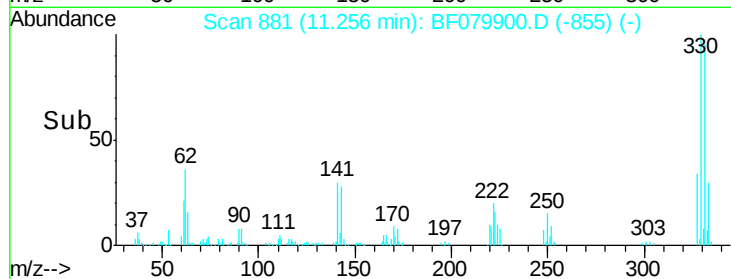
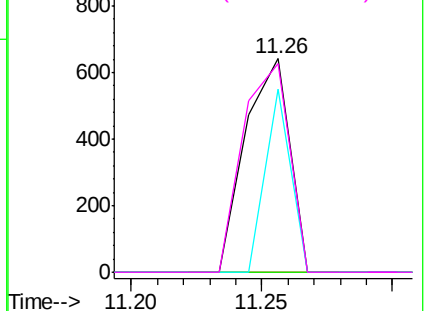
#62
Azobenzene
Concen: 0.10 ng
RT: 11.26 min Scan# 881
Delta R.T. 0.10 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 77 Resp: 765
Ion Ratio Lower Upper
77 100
182 0.0 0.0 35.9
105 85.5 0.1 40.1#
51 97.7 11.5 51.5#

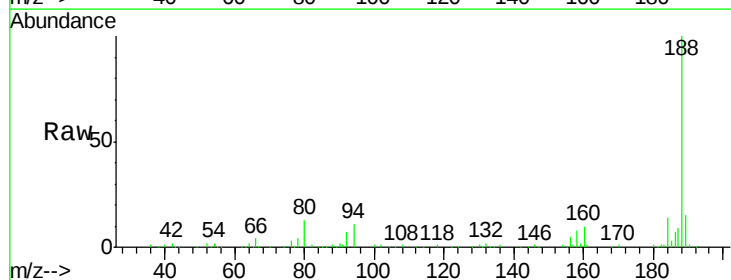


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

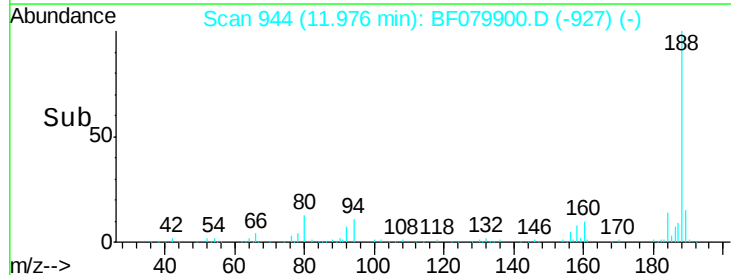
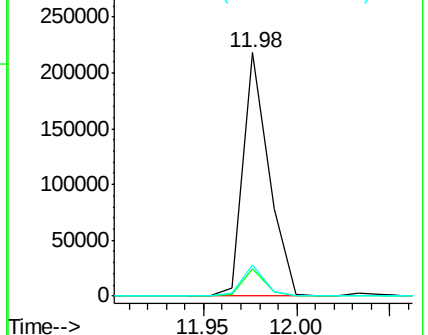


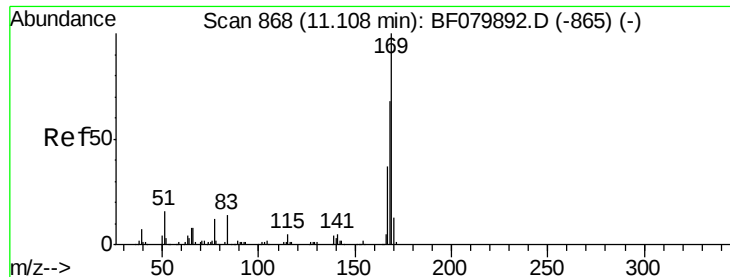
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion: 188 Resp: 210083
Ion Ratio Lower Upper
188 100
94 11.4 5.8 8.8#
80 13.0 5.9 8.9#



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

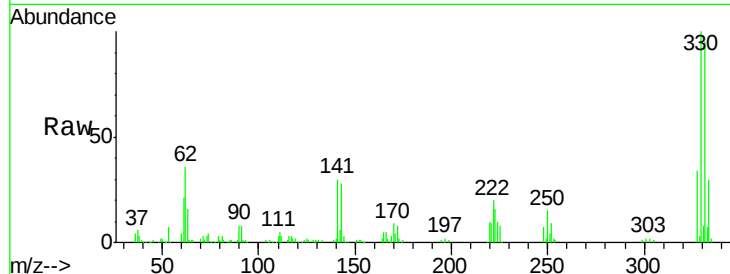




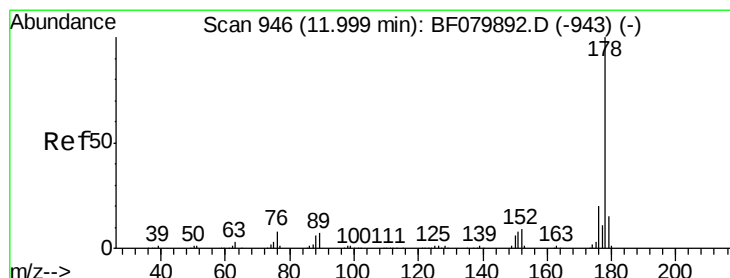
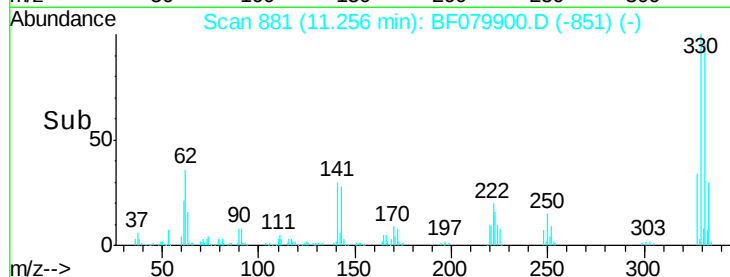
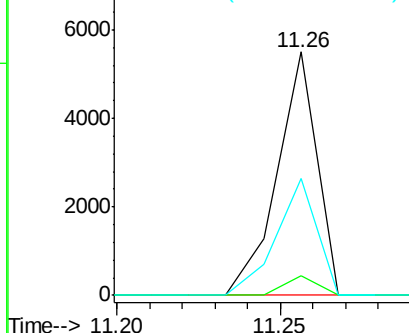
#65
n-Nitrosodiphenylamine
Concen: 0.66 ng
RT: 11.26 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:169 Resp: 4651
Ion Ratio Lower Upper
169 100
168 7.9 54.2 81.4#
167 48.2 29.7 44.5#

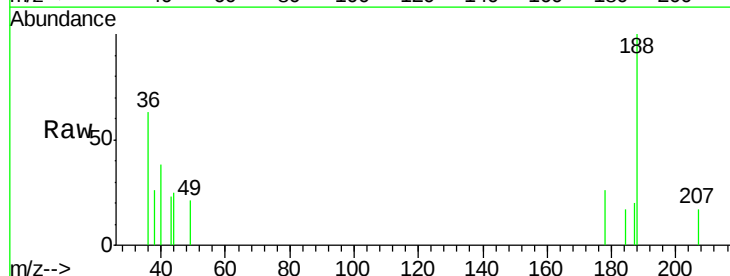


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

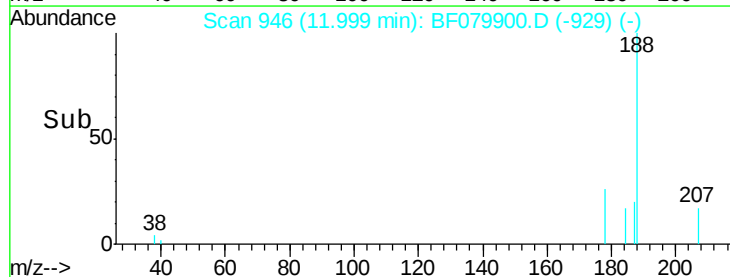
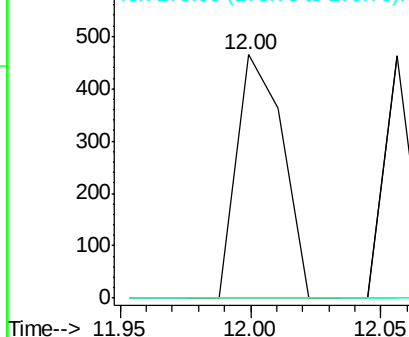


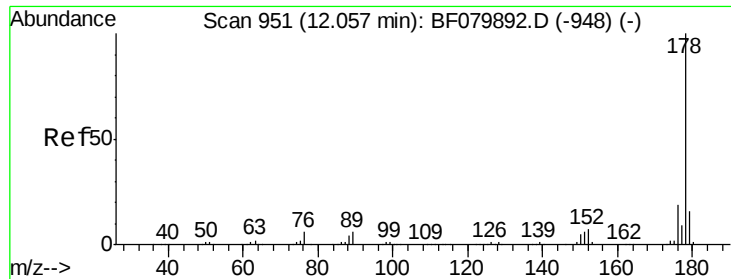
#70
Phenanthrene
Concen: 0.04 ng
RT: 12.00 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:178 Resp: 567
Ion Ratio Lower Upper
178 100
176 0.0 15.9 23.9#
179 0.0 12.3 18.5#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

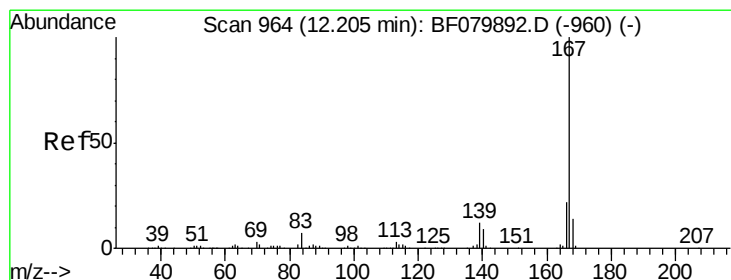
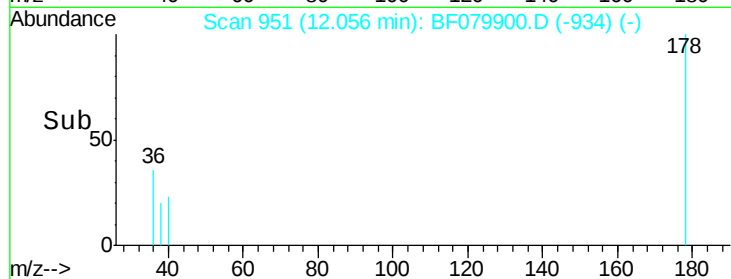
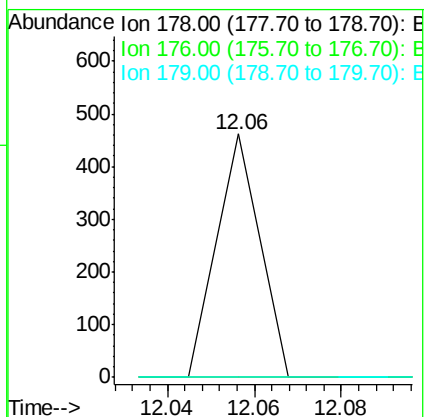
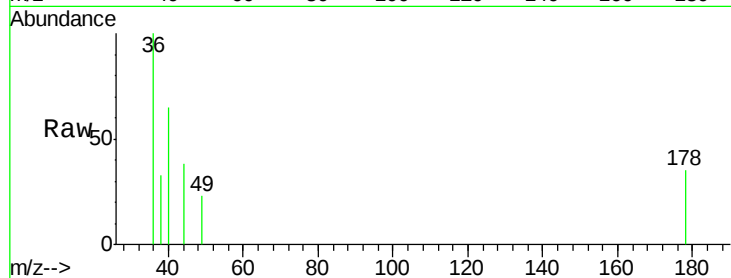




#71
 Anthracene
 Concen: 0.03 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079900.D
 Acq: 11 Jun 2015 17:34

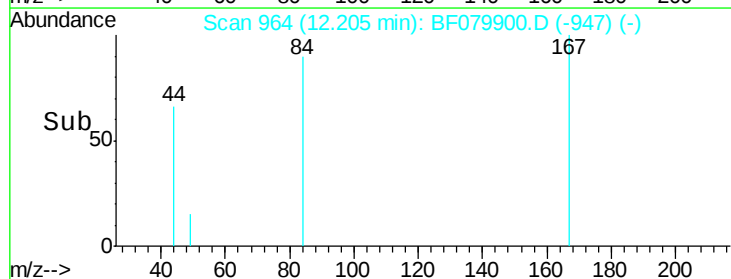
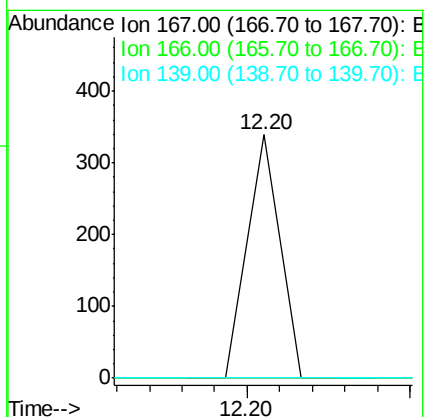
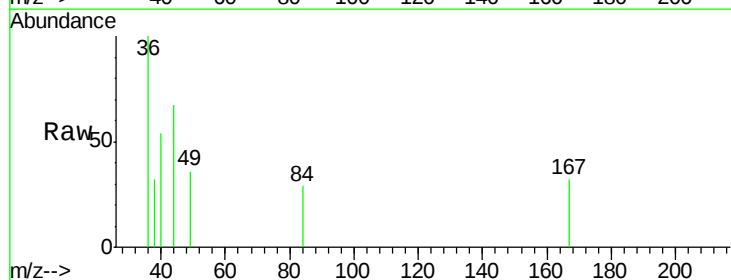
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

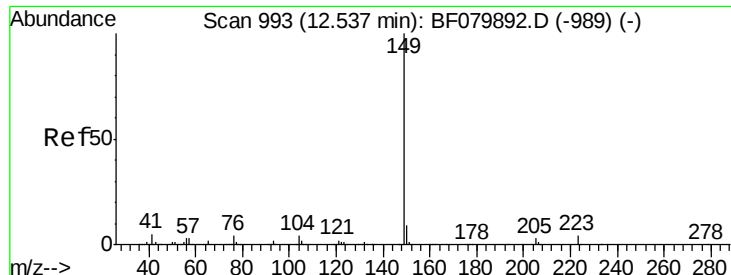
Tgt Ion:178 Resp: 317
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.2 22.8#
 179 0.0 12.5 18.7#



#72
 Carbazole
 Concen: 0.02 ng
 RT: 12.20 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF079900.D
 Acq: 11 Jun 2015 17:34

Tgt Ion:167 Resp: 232
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.4 26.2#
 139 0.0 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 0.16 ng

RT: 12.55 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

Instrument :

BNA_F

ClientSampleId :

MW-20

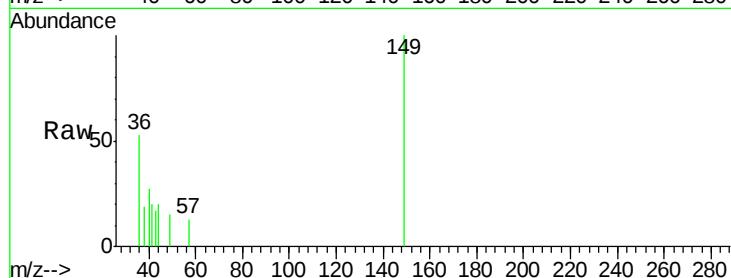
Tgt Ion:149 Resp: 1920

Ion Ratio Lower Upper

149 100

150 0.0 7.2 10.8#

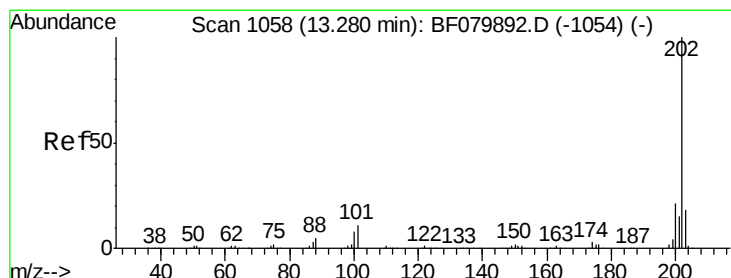
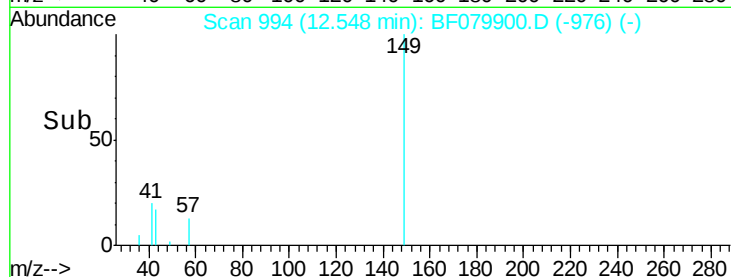
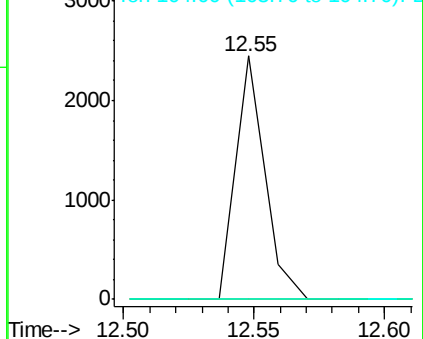
104 0.0 3.3 4.9#



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: 0.05 ng

RT: 13.31 min Scan# 1061

Delta R.T. 0.03 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

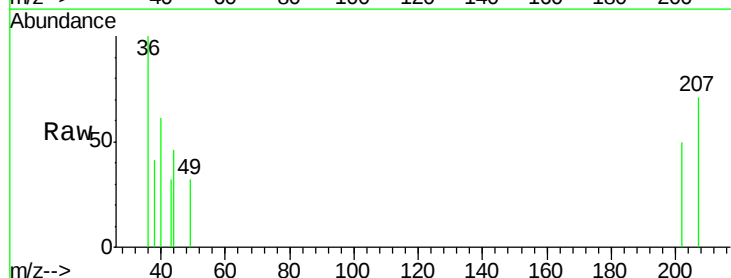
Tgt Ion:202 Resp: 680

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.7

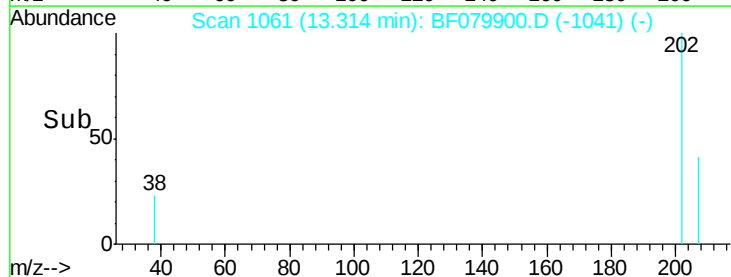
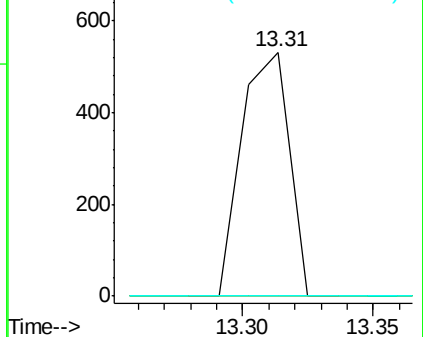
203 0.0 0.0 38.0

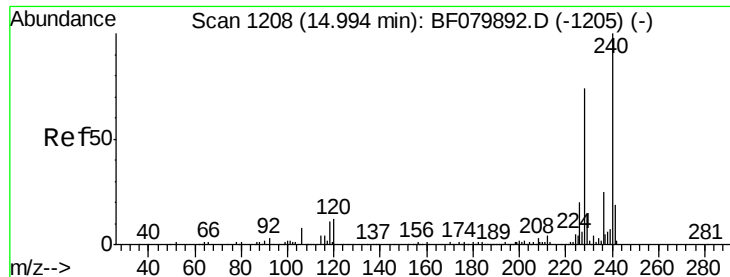


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.07 min Scan# 1215

Delta R.T. 0.08 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

Instrument :

BNA_F

ClientSampleId :

MW-20

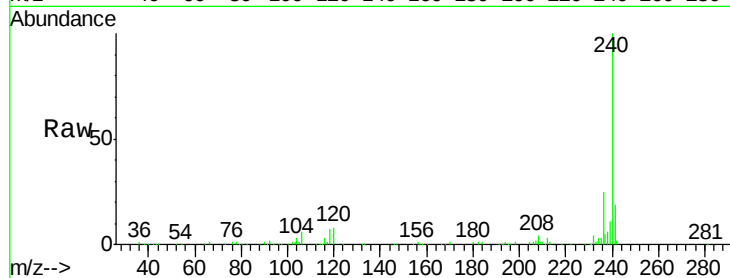
Tgt Ion:240 Resp: 234255

Ion Ratio Lower Upper

240 100

120 8.4 9.4 14.2#

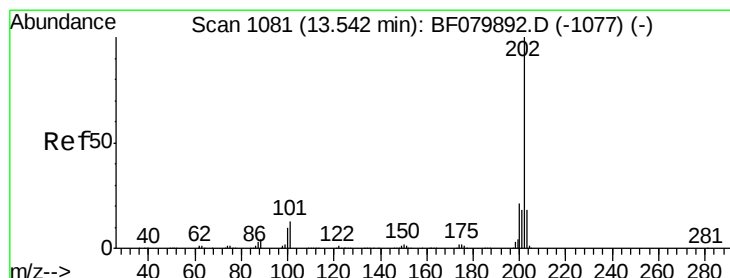
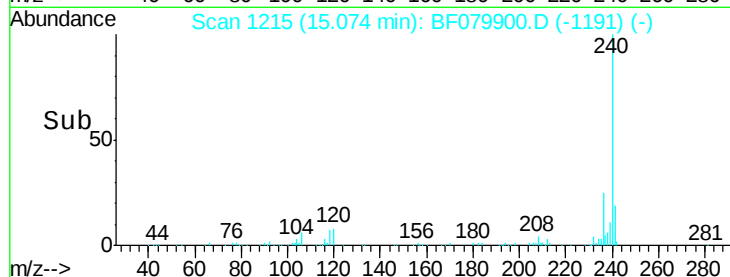
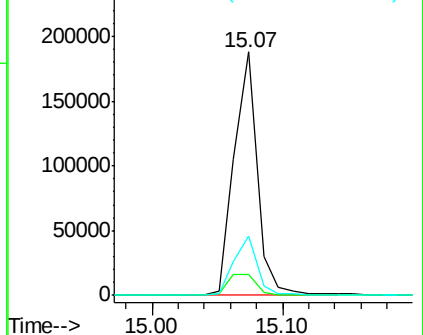
236 24.6 19.6 29.4



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



#77

Pyrene

Concen: 0.03 ng

RT: 13.58 min Scan# 1084

Delta R.T. 0.03 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

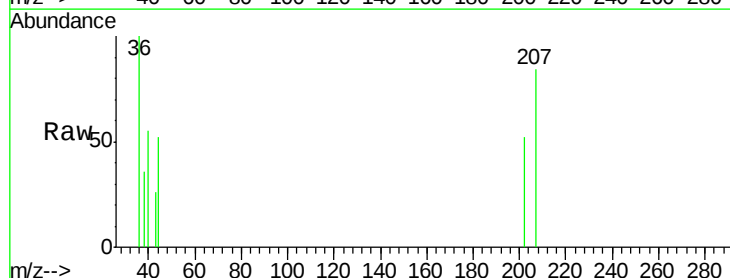
Tgt Ion:202 Resp: 418

Ion Ratio Lower Upper

202 100

200 0.0 16.8 25.2#

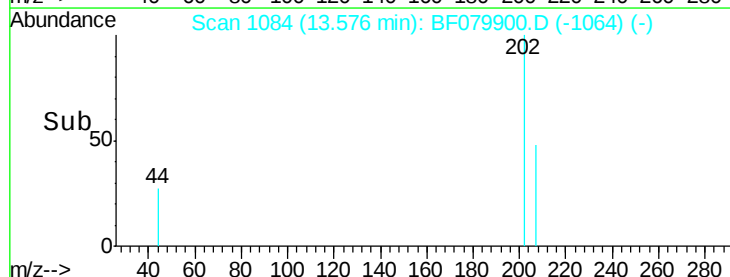
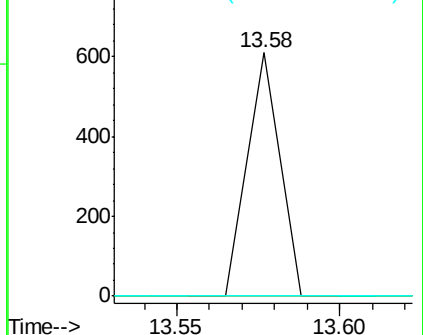
203 0.0 14.4 21.6#

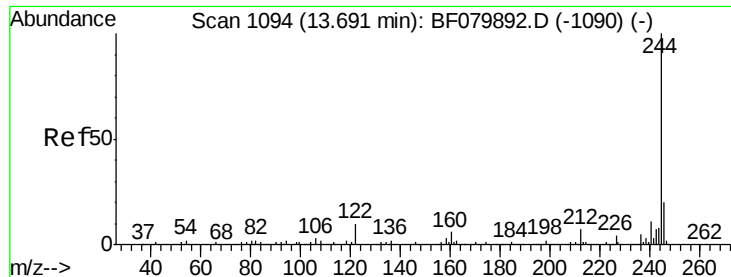


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 88.10 ng

RT: 13.74 min Scan# 1098

Delta R.T. 0.05 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

Instrument :

BNA_F

ClientSampleId :

MW-20

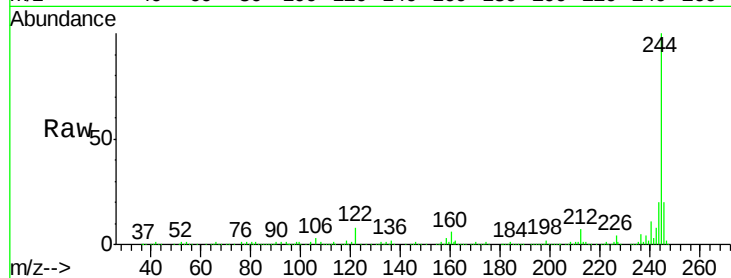
Tgt Ion:244 Resp: 908272

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

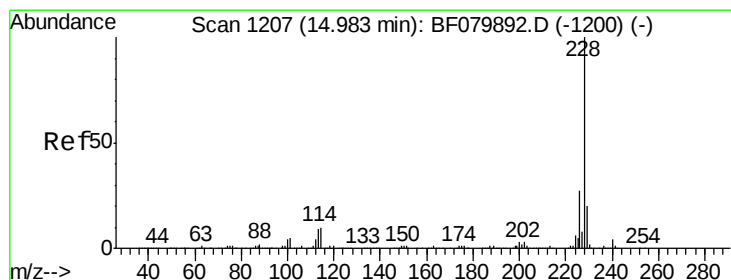
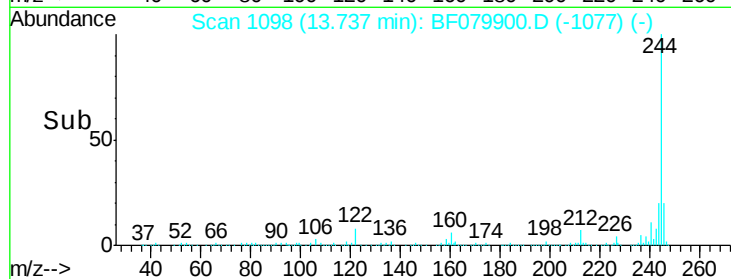
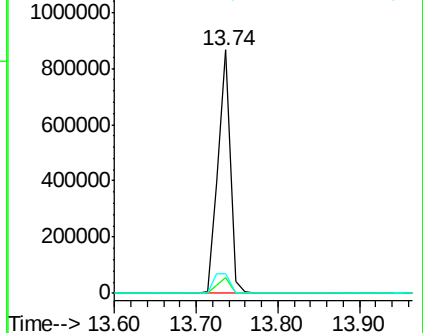
122 8.1 7.8 11.8



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



#80

Benzo(a)anthracene

Concen: 0.16 ng

RT: 15.06 min Scan# 1214

Delta R.T. 0.08 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

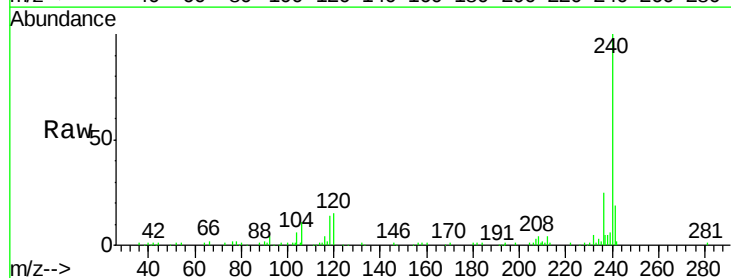
Tgt Ion:228 Resp: 2220

Ion Ratio Lower Upper

228 100

226 25.3 21.8 32.8

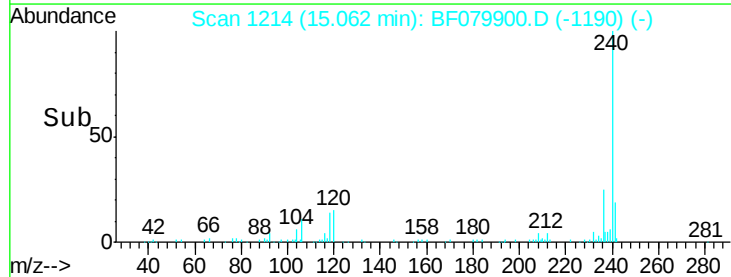
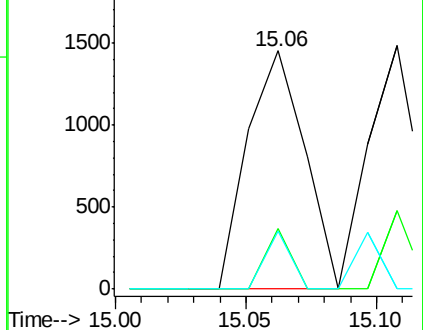
229 24.6 15.9 23.9#

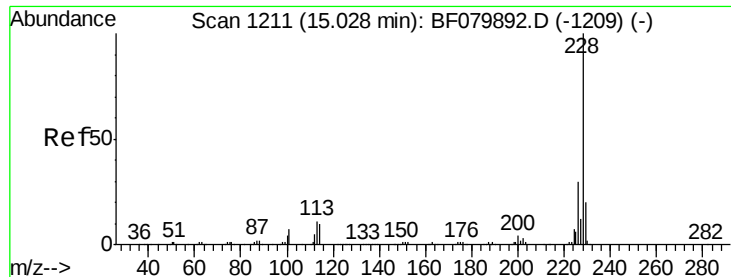


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.15 ng

RT: 15.11 min Scan# 1218

Delta R.T. 0.08 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

Instrument :

BNA_F

ClientSampleId :

MW-20

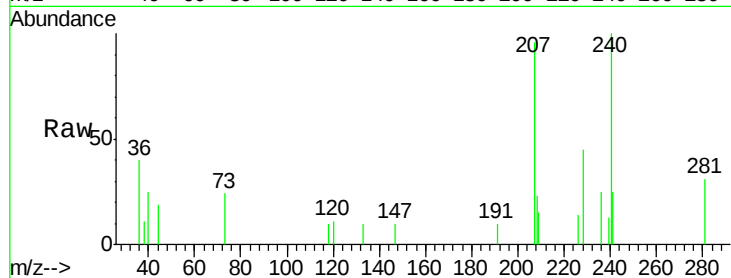
Tgt Ion: 228 Resp: 1924

Ion Ratio Lower Upper

228 100

226 32.4 23.9 35.9

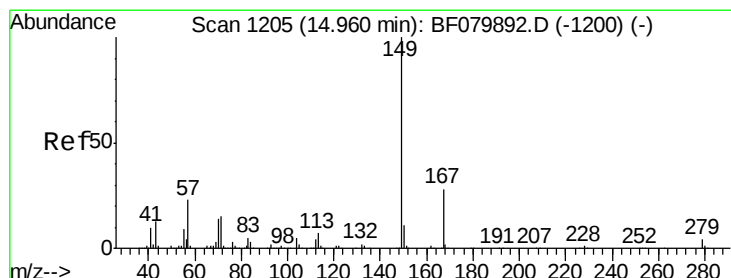
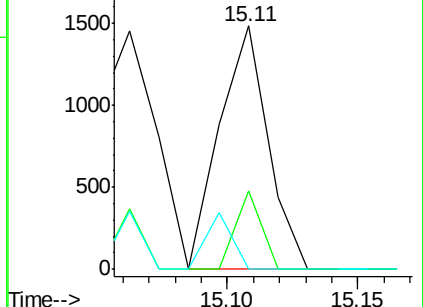
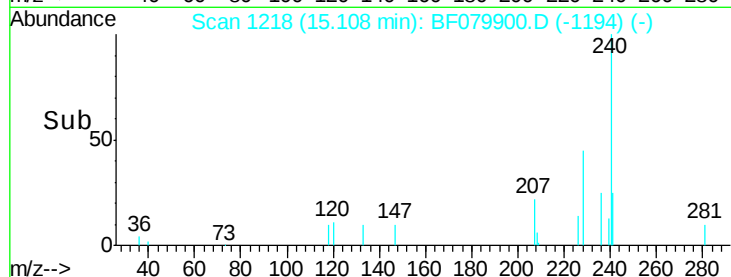
229 0.0 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.08 ng

RT: 15.04 min Scan# 1212

Delta R.T. 0.08 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

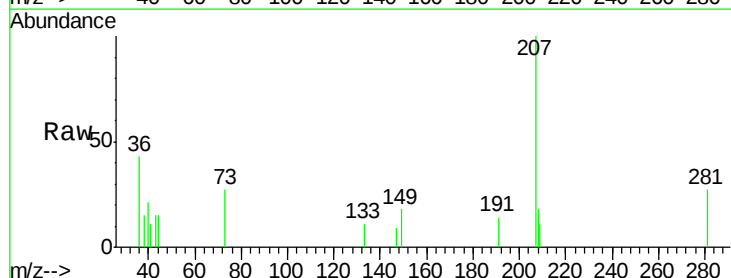
Tgt Ion: 149 Resp: 605

Ion Ratio Lower Upper

149 100

167 0.0 22.2 33.4#

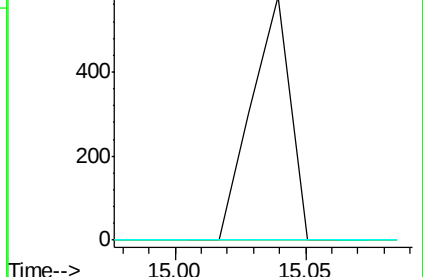
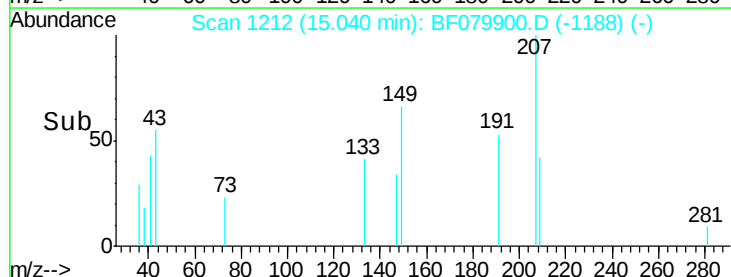
279 0.0 3.1 4.7#

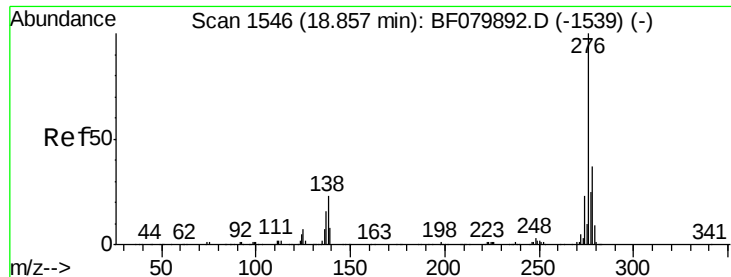


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

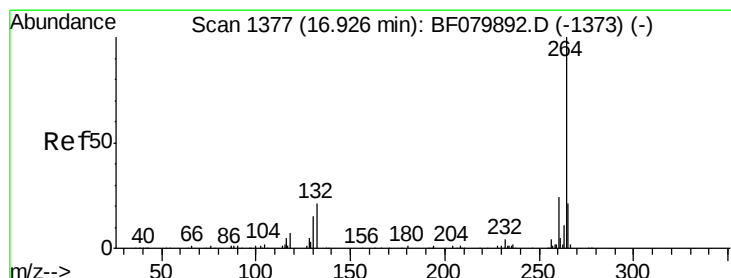
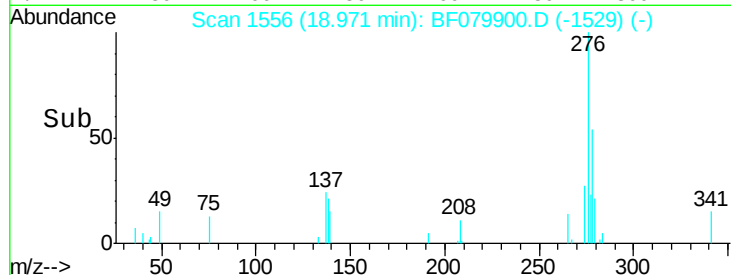
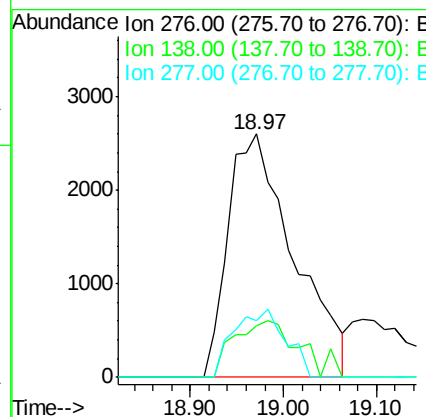
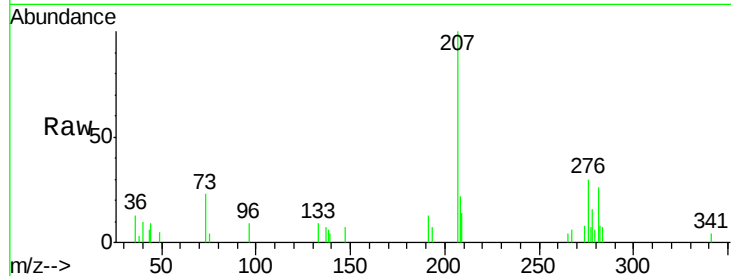




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.91 ng
 RT: 18.97 min Scan# 1556
 Delta R.T. 0.11 min
 Lab File: BF079900.D
 Acq: 11 Jun 2015 17:34

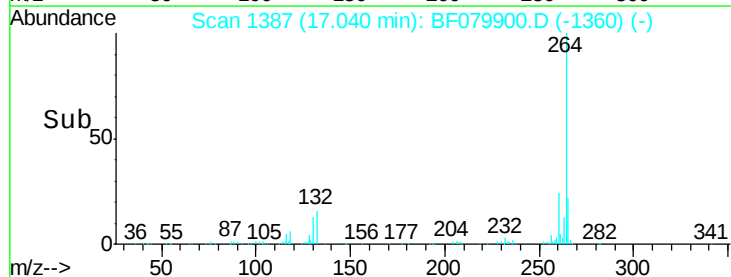
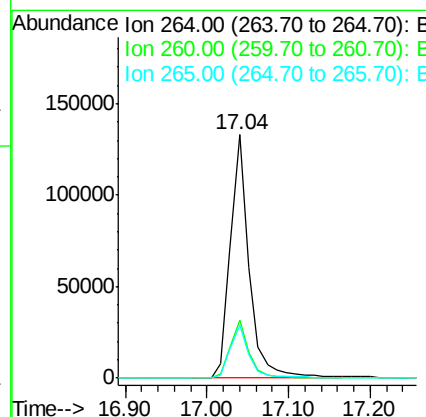
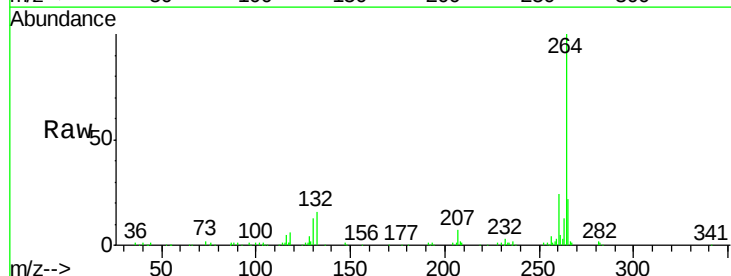
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

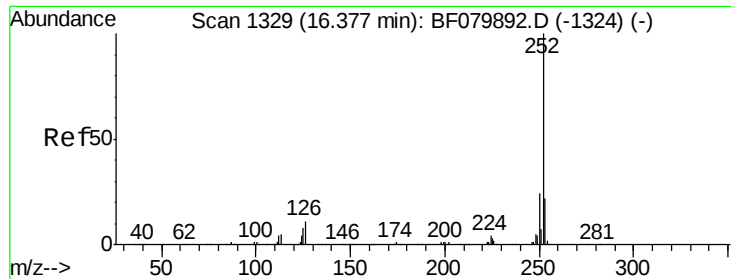
Tgt Ion: 276 Resp: 12735
 Ion Ratio Lower Upper
 276 100
 138 23.1 21.0 31.4
 277 22.0 19.9 29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.04 min Scan# 1387
 Delta R.T. 0.11 min
 Lab File: BF079900.D
 Acq: 11 Jun 2015 17:34

Tgt Ion: 264 Resp: 213561
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.5 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 0.29 ng

RT: 16.48 min Scan# 1338

Delta R.T. 0.10 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

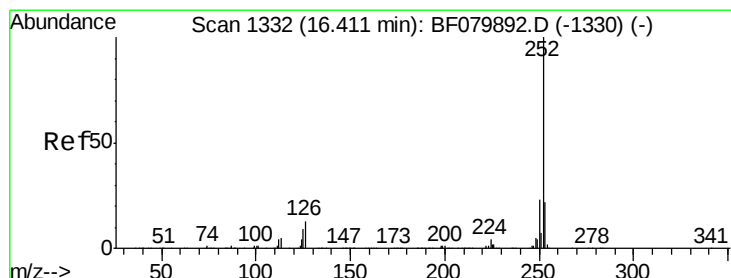
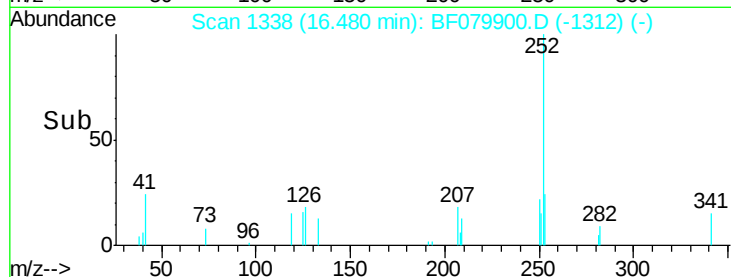
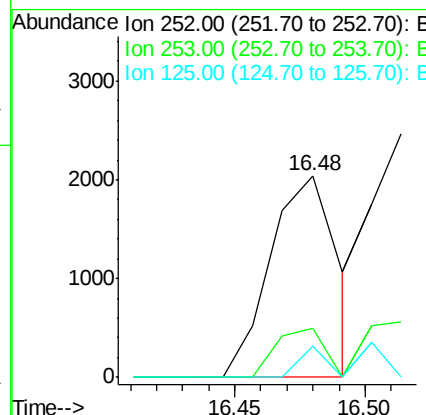
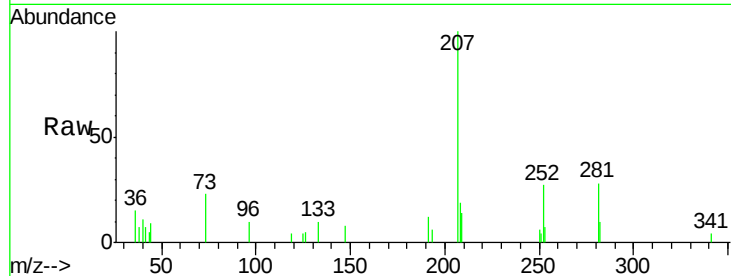
Instrument :

BNA_F

ClientSampleId :

MW-20

Tgt Ion:	252	Resp:	3643
Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	15.7	6.5	9.7#



#88

Benzo(k)fluoranthene

Concen: 0.41 ng

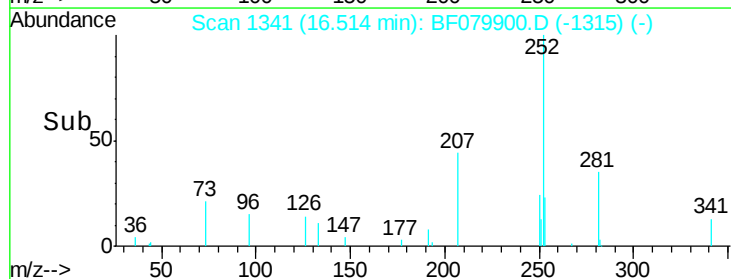
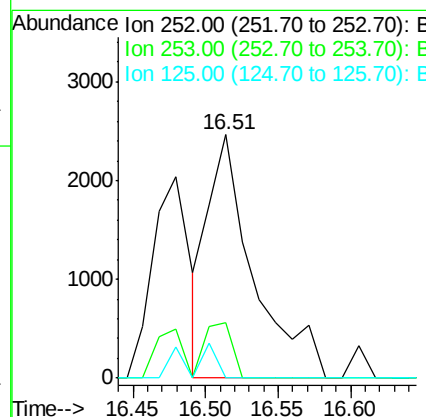
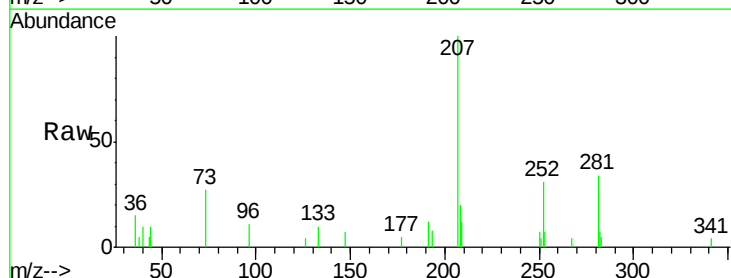
RT: 16.51 min Scan# 1341

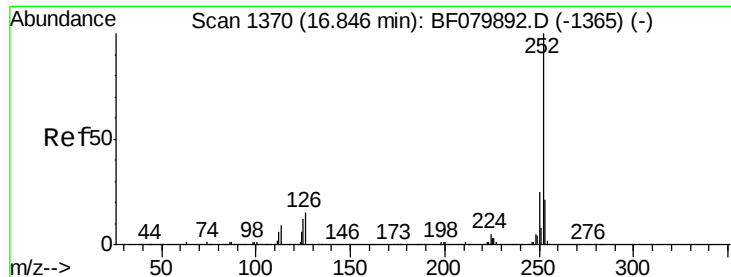
Delta R.T. 0.10 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

Tgt Ion:	252	Resp:	5405
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	0.0	7.4	11.0#





#89

Benzo(a)pyrene

Concen: 0.43 ng

RT: 16.95 min Scan# 1379

Delta R.T. 0.10 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

Instrument :

BNA_F

ClientSampleId :

MW-20

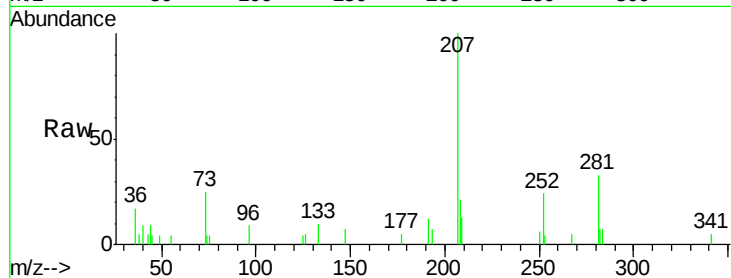
Tgt Ion:252 Resp: 5161

Ion Ratio Lower Upper

252 100

253 17.5 17.0 25.6

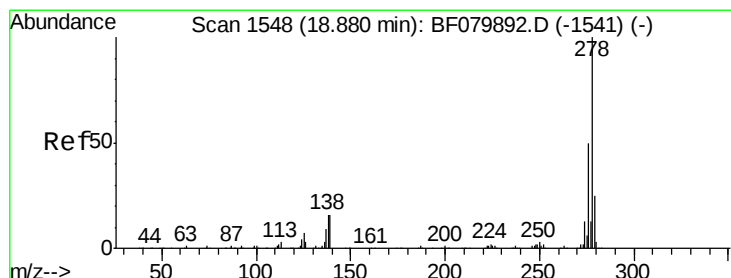
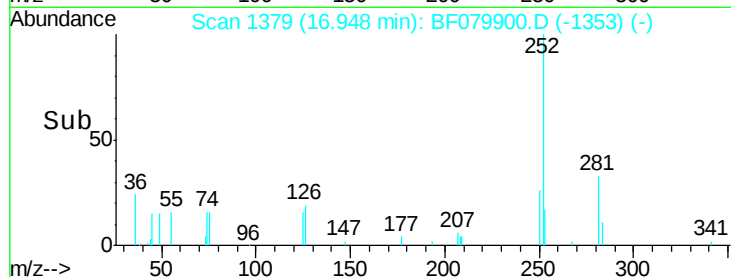
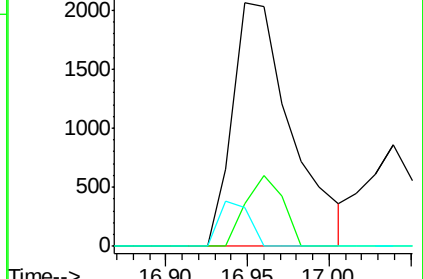
125 15.9 9.7 14.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 1.02 ng

RT: 18.99 min Scan# 1558

Delta R.T. 0.11 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

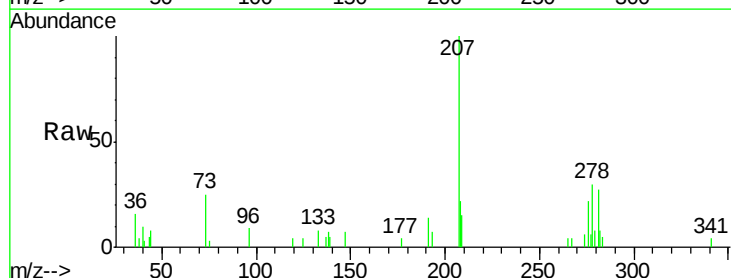
Tgt Ion:278 Resp: 11352

Ion Ratio Lower Upper

278 100

139 15.4 12.8 19.2

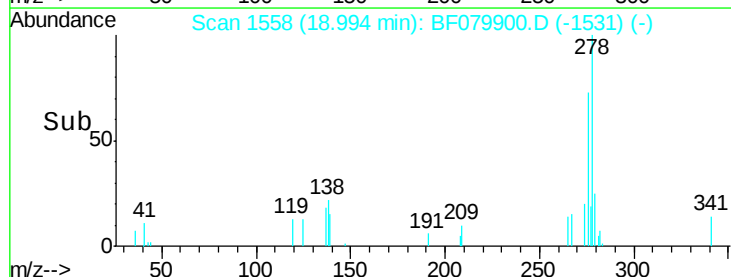
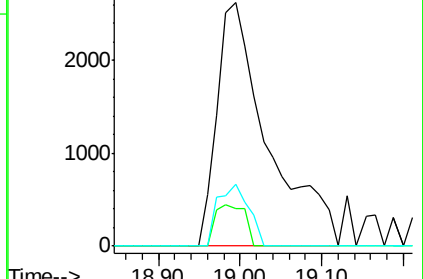
279 25.2 19.7 29.5

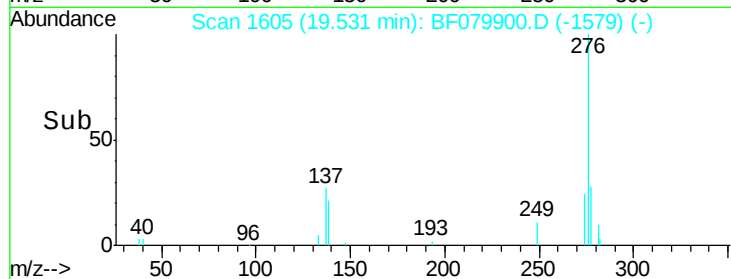
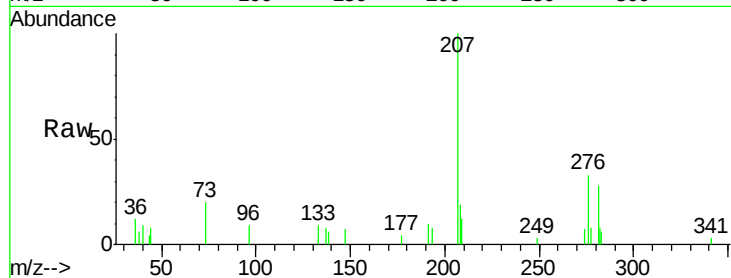
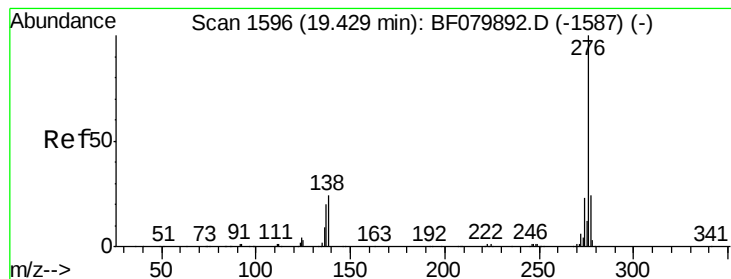


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.08 ng

RT: 19.53 min Scan# 1605

Delta R.T. 0.10 min

Lab File: BF079900.D

Acq: 11 Jun 2015 17:34

Instrument :

BNA_F

ClientSampleId :

MW-20

Tgt Ion: 276 Resp: 12639

Ion Ratio Lower Upper

276 100

277 25.2 19.4 29.2

138 18.8 19.1 28.7#

