

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042315\
 Data File : BF078754.D
 Acq On : 23 Apr 2015 18:02
 Operator : TP/IZ
 Sample : G1991-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-77S

Quant Time: Apr 24 01:04:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 00:49:54 2015
 Response via : Initial Calibration

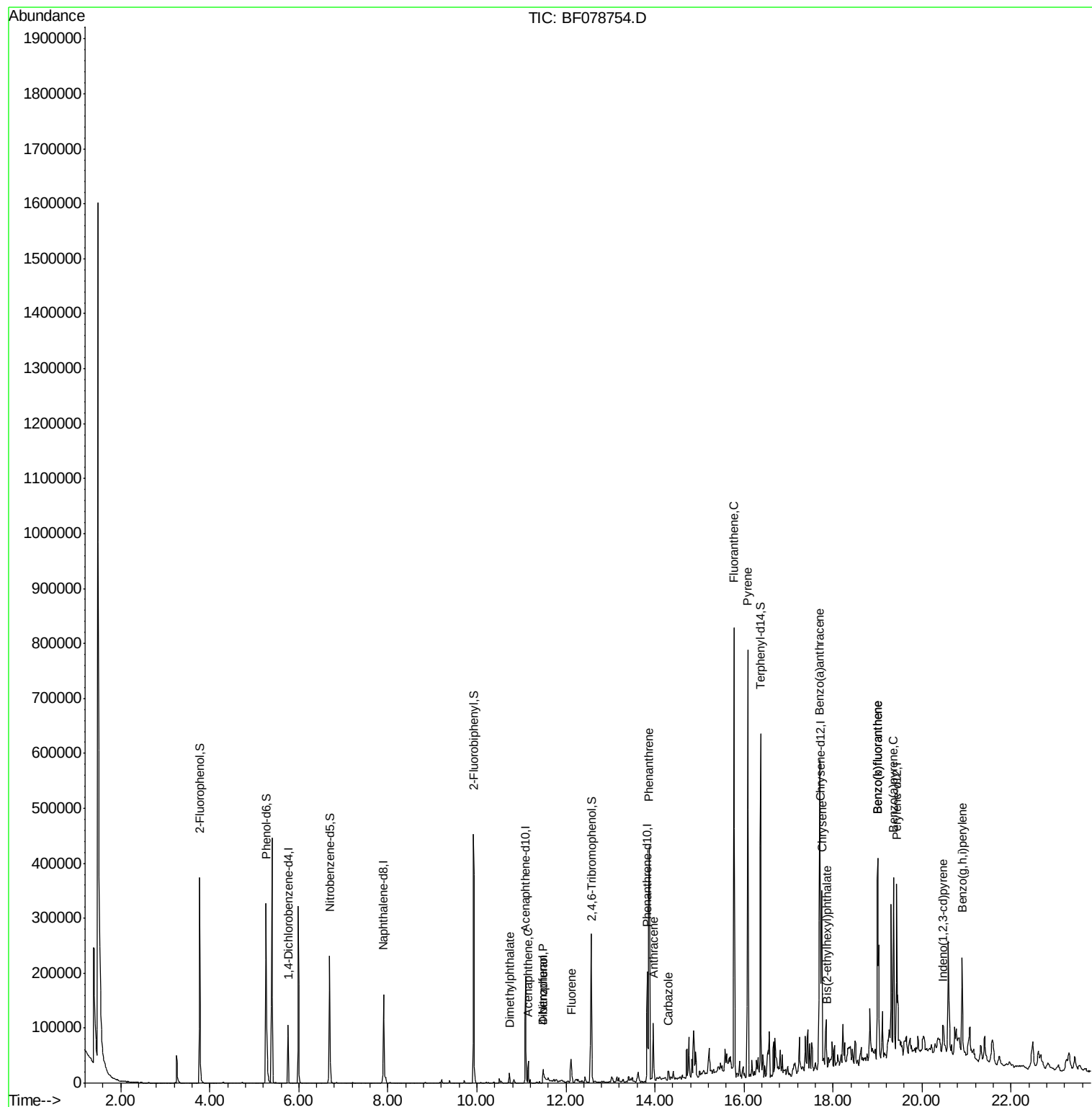
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	26691	20.00	ng	0.01
21) Naphthalene-d8	7.91	136	111261	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	57607	20.00	ng	0.00
63) Phenanthrene-d10	13.83	188	115508	20.00	ng	0.00
75) Chrysene-d12	17.71	240	128203	20.00	ng	0.00
86) Perylene-d12	19.43	264	132036	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	3.77	112	140976	87.08	ng	0.00
7) Phenol-d6	5.27	99	186653	92.00	ng	0.01
23) Nitrobenzene-d5	6.70	82	111804	60.91	ng	0.00
41) 2,4,6-Tribromophenol	12.57	330	47753	99.95	ng	0.00
44) 2-Fluorobiphenyl	9.92	172	234103	58.09	ng	-0.01
78) Terphenyl-d14	16.38	244	267749	47.19	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.73	163	12956	2.99	ng	99
51) Acenaphthene	11.15	154	13699	4.06	ng	99
54) Dibenzofuran	11.48	168	11179	2.17	ng	95
55) 4-Nitrophenol	11.48	139	3895	7.81	ng	# 26
57) Fluorene	12.11	166	17584	4.21	ng	95
70) Phenanthrene	13.87	178	260383	38.97	ng	99
71) Anthracene	13.97	178	68188	10.36	ng	99
72) Carbazole	14.31	167	13670	2.22	ng	100
74) Fluoranthene	15.77	202	406837	57.74	ng	96
77) Pyrene	16.08	202	375388	46.64	ng	# 94
80) Benzo(a)anthracene	17.70	228	216674	28.41	ng	98
82) Chrysene	17.75	228	153978	21.49	ng	97
83) Bis(2-ethylhexyl)phthalate	17.85	149	13953	2.90	ng	# 93
85) Indeno(1,2,3-cd)pyrene	20.48	276	18039	2.22	ng	96
87) Benzo(b)fluoranthene	19.01	252	308064	37.75	ng	# 97
88) Benzo(k)fluoranthene	19.01	252	311448	42.95	ng	# 96
89) Benzo(a)pyrene	19.36	252	177026	24.86	ng	# 93
91) Benzo(g,h,i)perylene	20.90	276	74686	10.45	ng	97

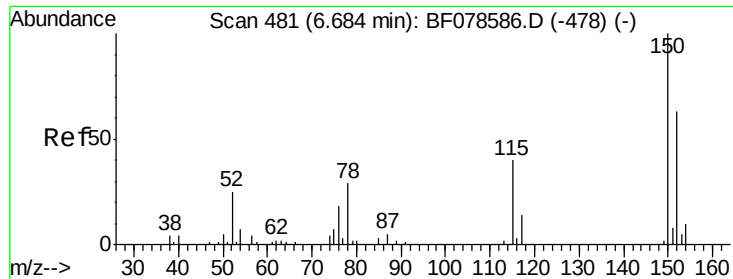
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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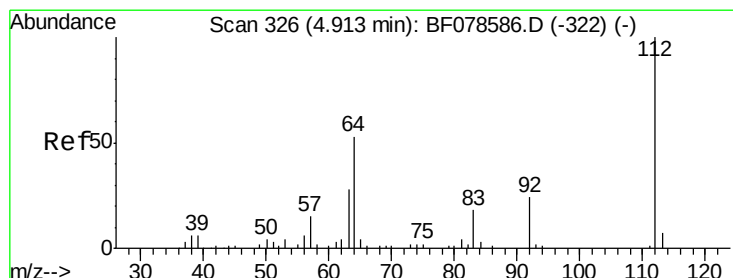
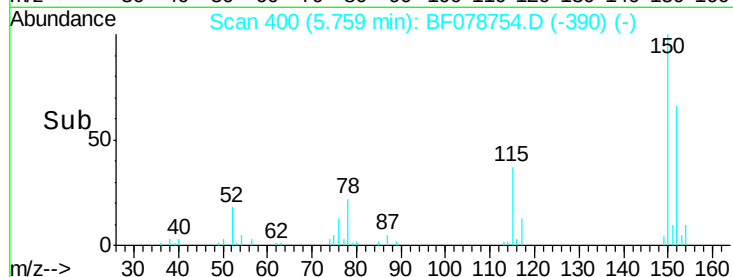
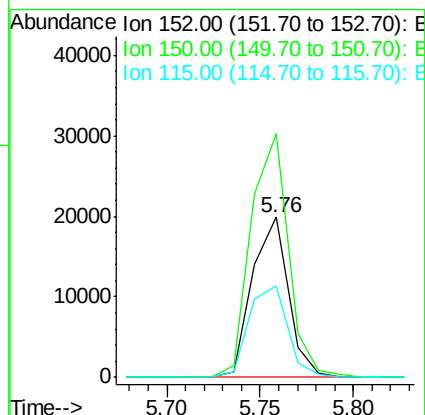
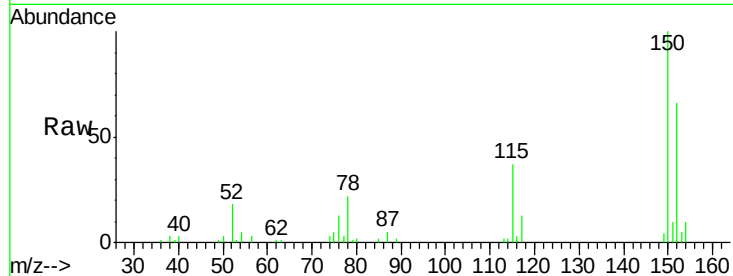


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 400
Delta R.T. 0.01 min
Lab File: BF078754.D
Acq: 23 Apr 2015 18:02

Instrument :
BNA_F
ClientSampleId :
SB-77S

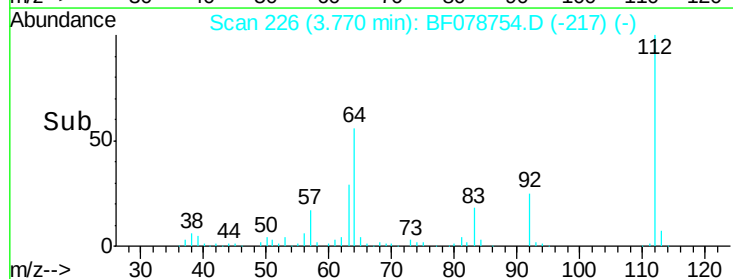
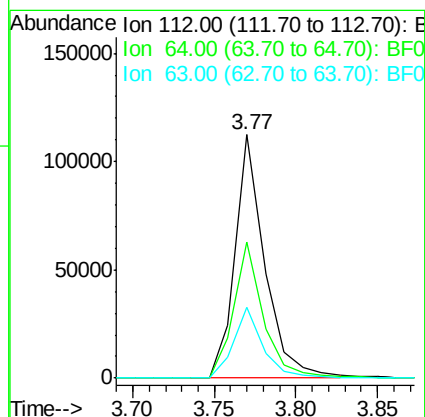
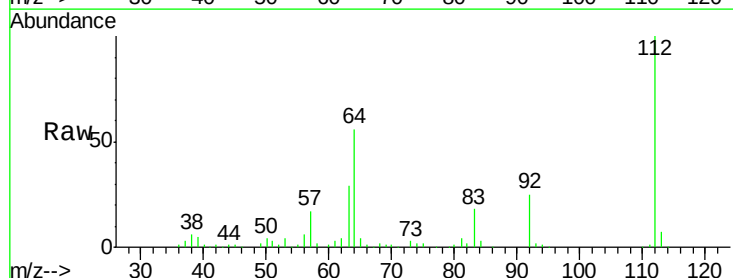
Tgt Ion:152 Resp: 26691
Ion Ratio Lower Upper
152 100
150 152.3 125.9 188.9
115 56.7 52.7 79.1

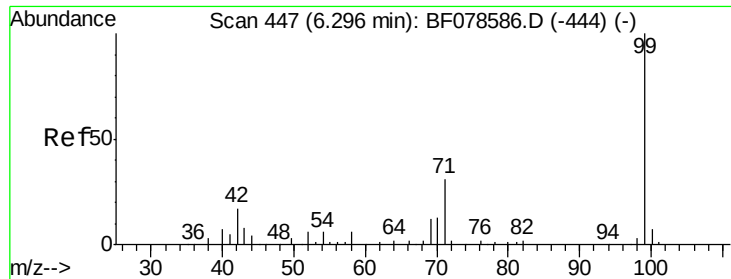


#5

2-Fluorophenol
Concen: 87.08 ng
RT: 3.77 min Scan# 226
Delta R.T. -0.00 min
Lab File: BF078754.D
Acq: 23 Apr 2015 18:02

Tgt Ion:112 Resp: 140976
Ion Ratio Lower Upper
112 100
64 56.0 39.9 59.9
63 29.2 20.2 30.4





#7

Phenol-d6

Concen: 92.00 ng

RT: 5.27 min Scan# 357

Delta R.T. 0.01 min

Lab File: BF078754.D

Acq: 23 Apr 2015 18:02

Instrument :

BNA_F

ClientSampleId :

SB-77S

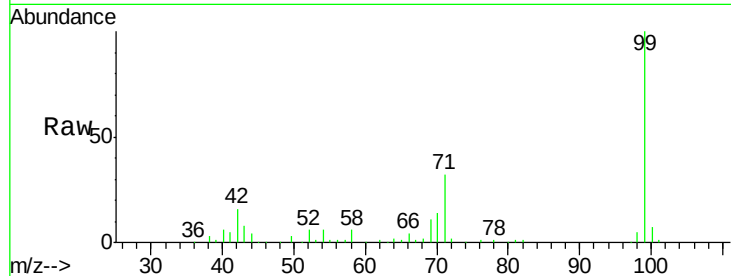
Tgt Ion: 99 Resp: 186653

Ion Ratio Lower Upper

99 100

42 15.6 14.8 22.2

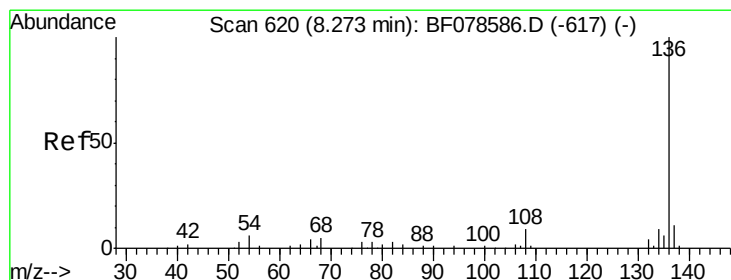
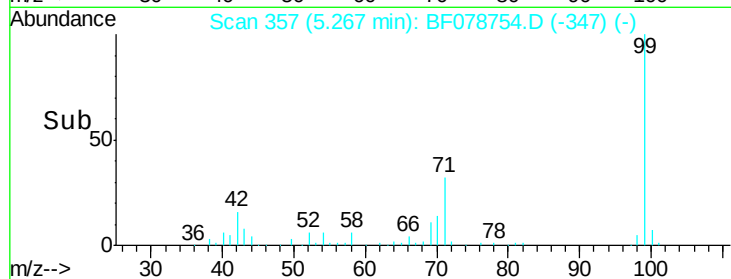
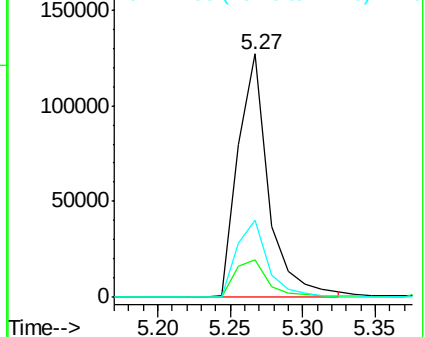
71 31.8 26.6 39.8



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: 7.91 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF078754.D

Acq: 23 Apr 2015 18:02

Tgt Ion: 136 Resp: 111261

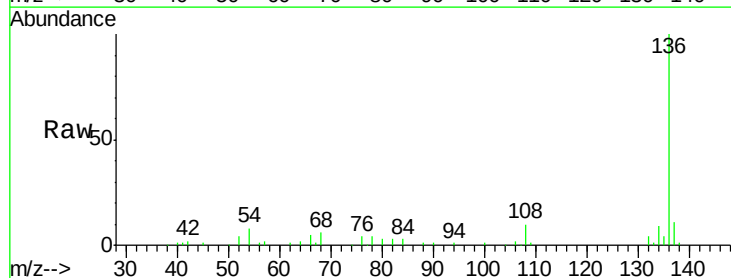
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.9 7.0 10.6

68 5.7 5.4 8.2

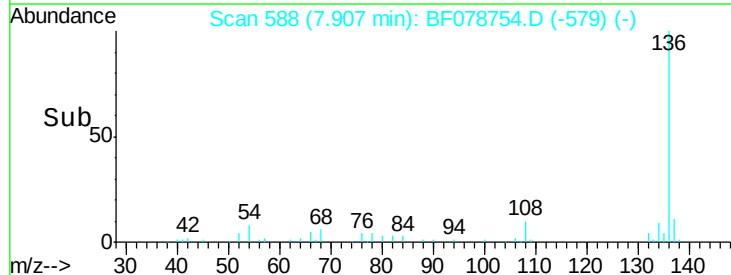
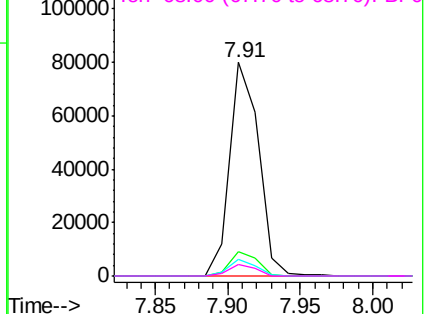


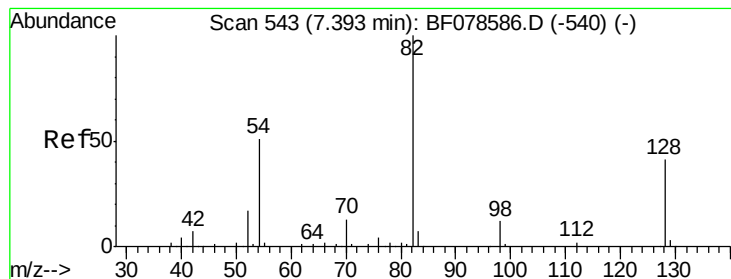
Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.91 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF078754.D

Acq: 23 Apr 2015 18:02

Instrument :

BNA_F

ClientSampled :

SB-77S

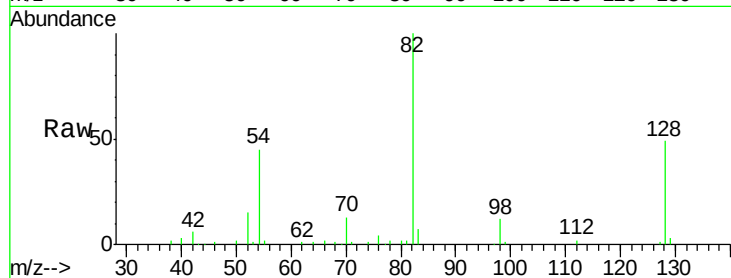
Tgt Ion: 82 Resp: 111804

Ion Ratio Lower Upper

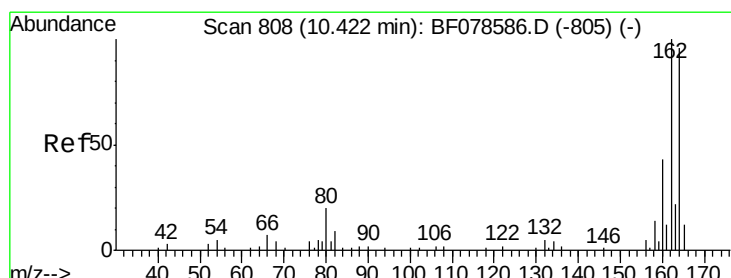
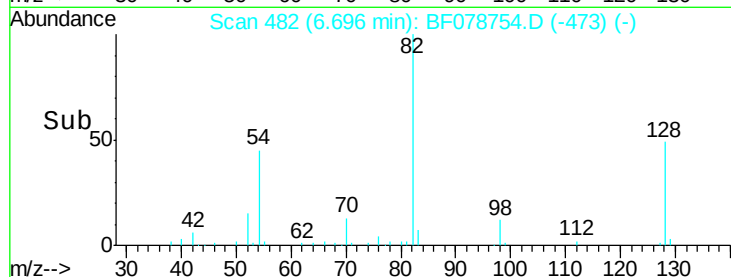
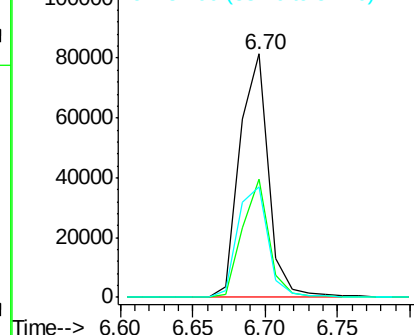
82 100

128 48.7 31.8 47.8#

54 45.4 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF078754.D

Acq: 23 Apr 2015 18:02

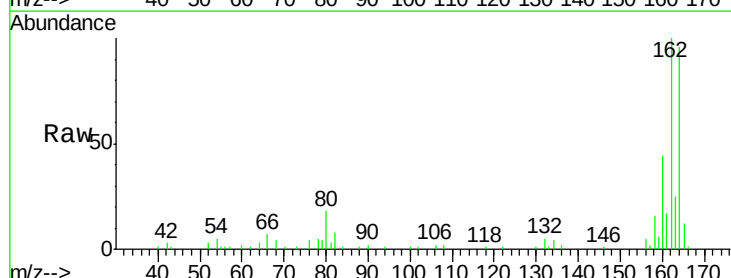
Tgt Ion: 164 Resp: 57607

Ion Ratio Lower Upper

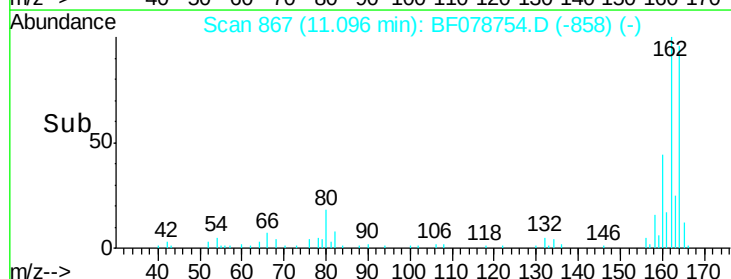
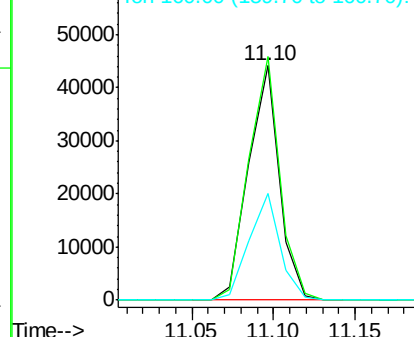
164 100

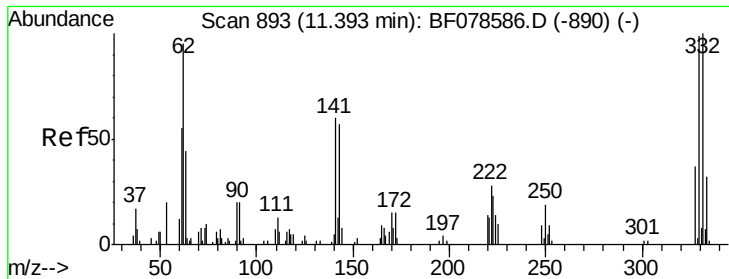
162 104.0 82.2 123.2

160 45.6 34.7 52.1



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

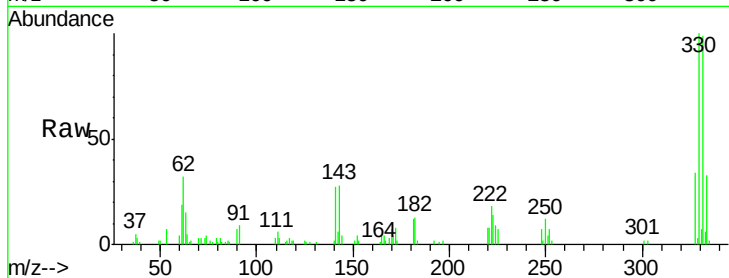




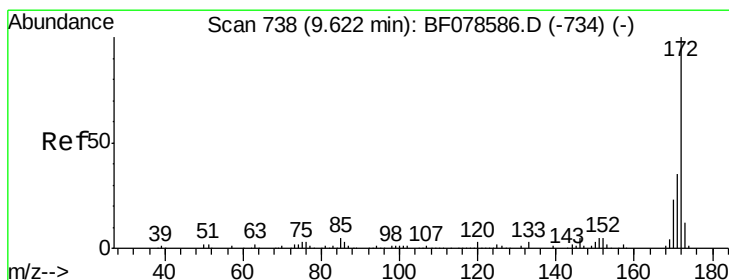
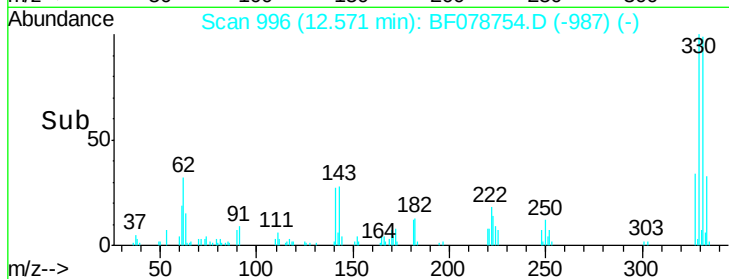
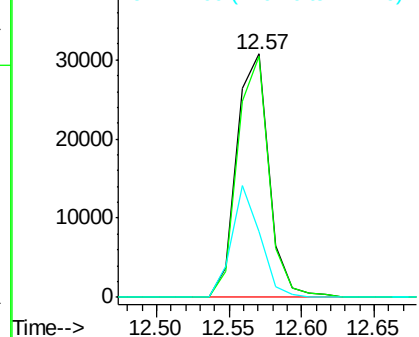
#41
 2,4,6-Tribromophenol
 Concen: 99.95 ng
 RT: 12.57 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF078754.D
 Acq: 23 Apr 2015 18:02

Instrument :
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 ClientSampleId :
 SB-77S

Tgt Ion:330 Resp: 47753
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.6 117.8
 141 40.5 31.2 46.8

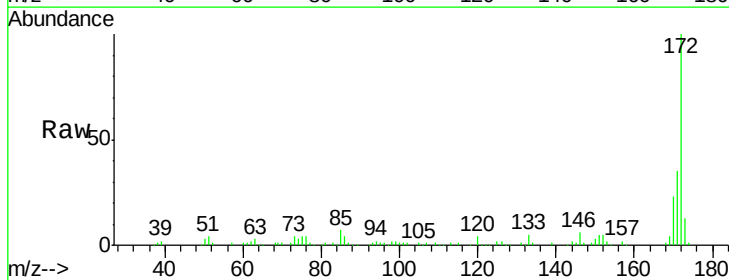


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

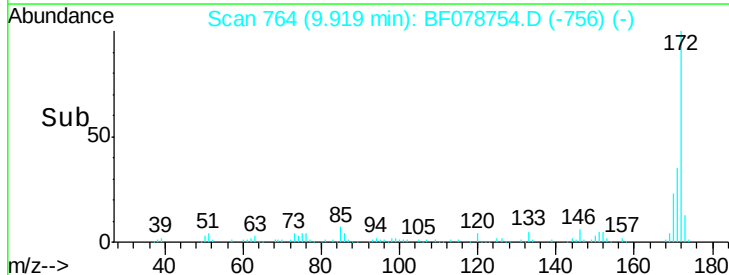
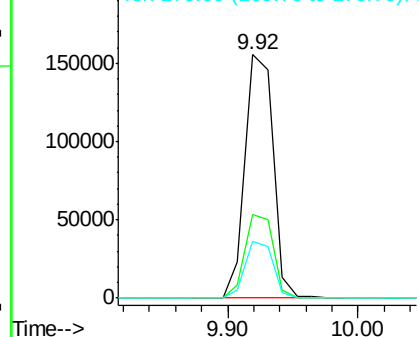


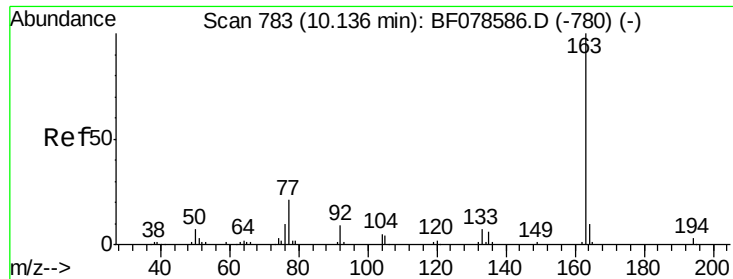
#44
 2-Fluorobiphenyl
 Concen: 58.09 ng
 RT: 9.92 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF078754.D
 Acq: 23 Apr 2015 18:02

Tgt Ion:172 Resp: 234103
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 23.2 18.5 27.7



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

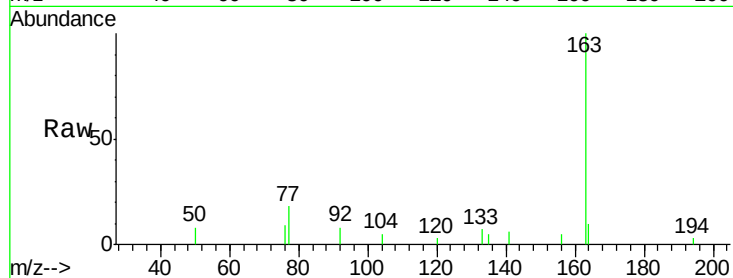




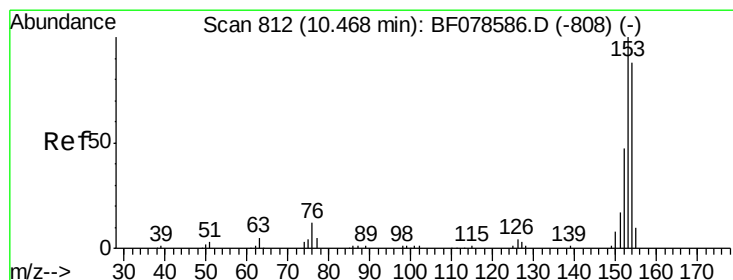
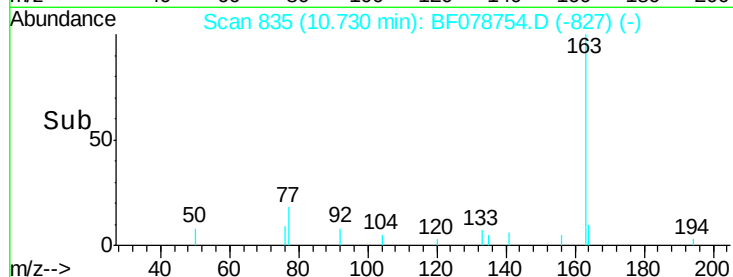
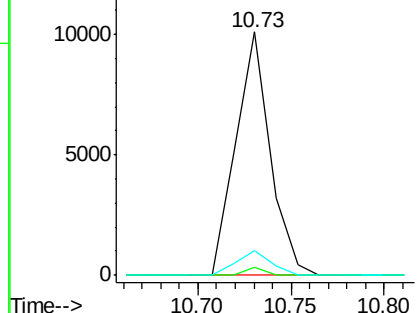
#49
Dimethylphthalate
Concen: 2.99 ng
RT: 10.73 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF078754.D
Acq: 23 Apr 2015 18:02

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Tgt Ion:163 Resp: 12956
Ion Ratio Lower Upper
163 100
194 3.2 2.3 3.5
164 10.2 8.6 13.0

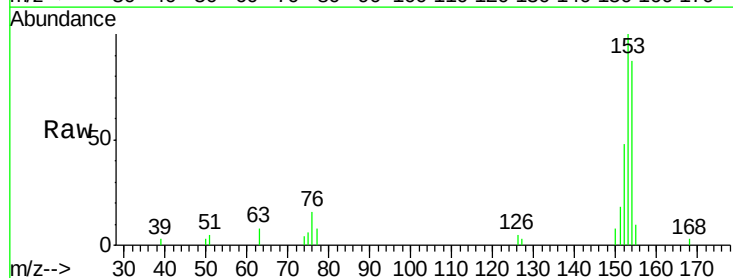


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

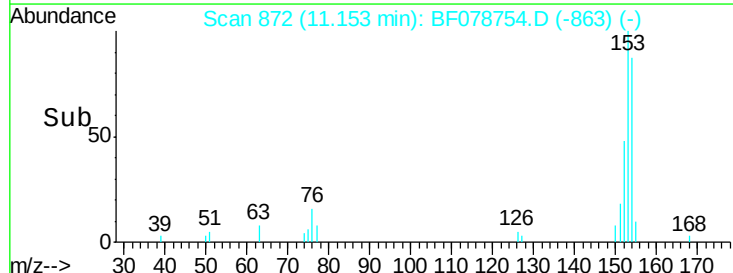
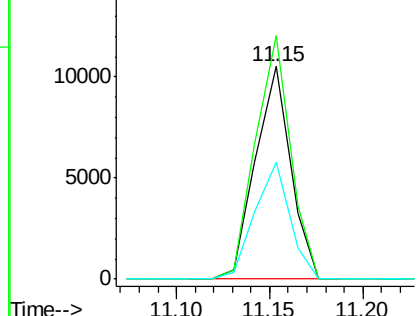


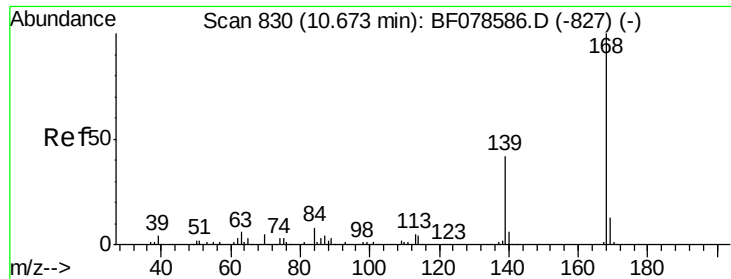
#51
Acenaphthene
Concen: 4.06 ng
RT: 11.15 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF078754.D
Acq: 23 Apr 2015 18:02

Tgt Ion:154 Resp: 13699
Ion Ratio Lower Upper
154 100
153 114.7 91.4 137.2
152 55.2 43.0 64.6



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

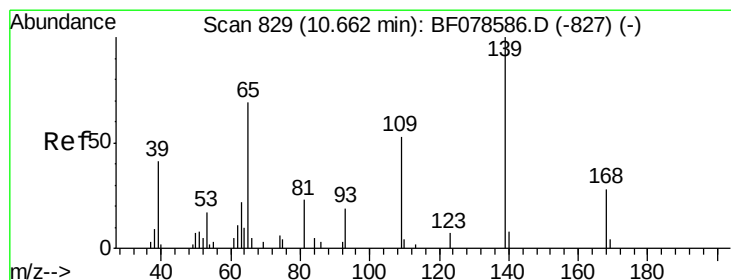
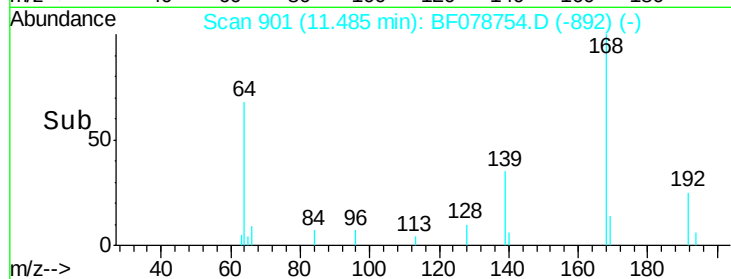
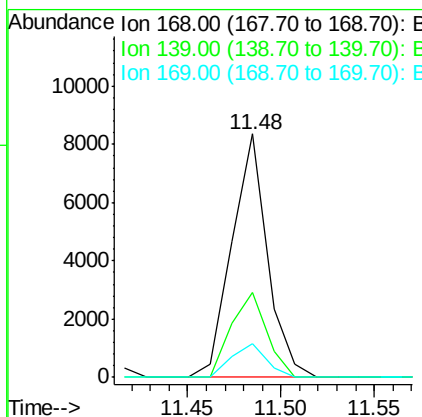
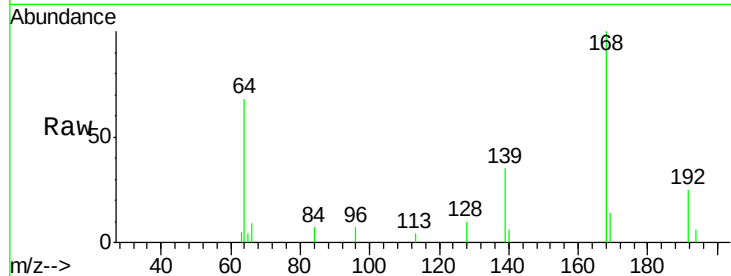




#54
Dibenzofuran
Concen: 2.17 ng
RT: 11.48 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF078754.D
Acq: 23 Apr 2015 18:02

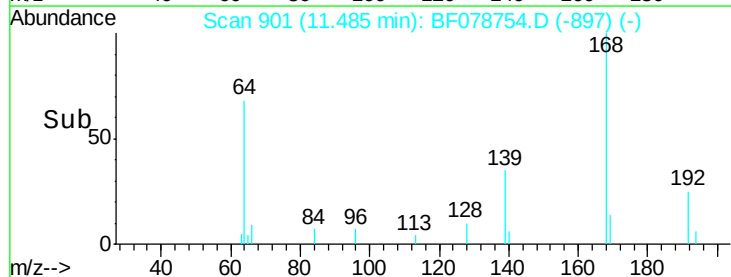
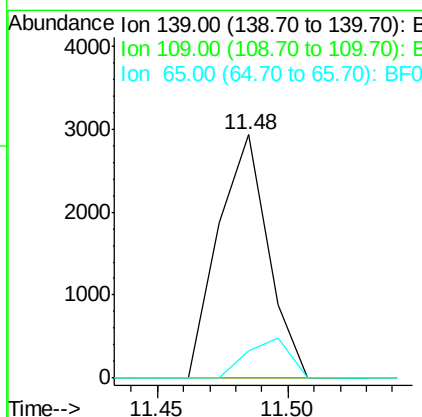
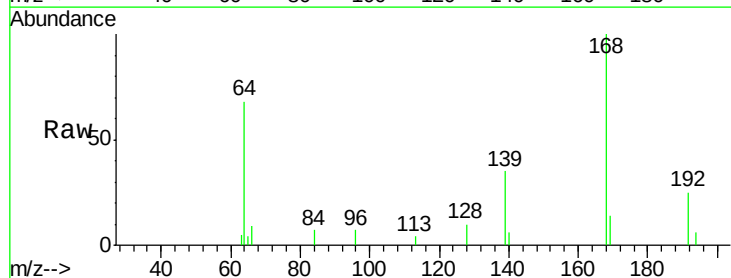
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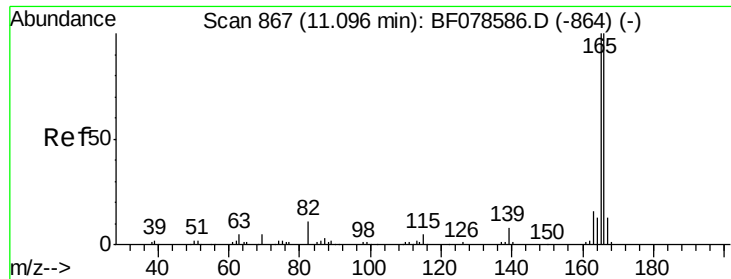
Tgt Ion:168 Resp: 11179
Ion Ratio Lower Upper
168 100
139 35.1 31.0 46.4
169 13.8 10.7 16.1



#55
4-Nitrophenol
Concen: 7.81 ng
RT: 11.48 min Scan# 901
Delta R.T. -0.06 min
Lab File: BF078754.D
Acq: 23 Apr 2015 18:02

Tgt Ion:139 Resp: 3895
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 11.3 49.9 89.9#

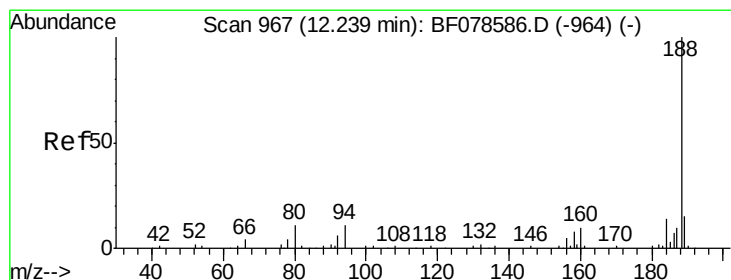
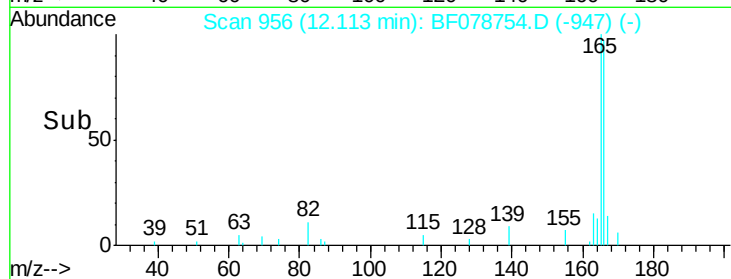
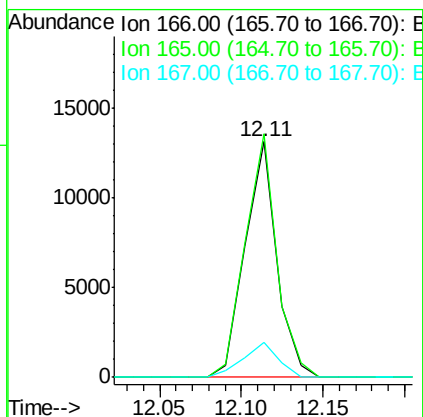
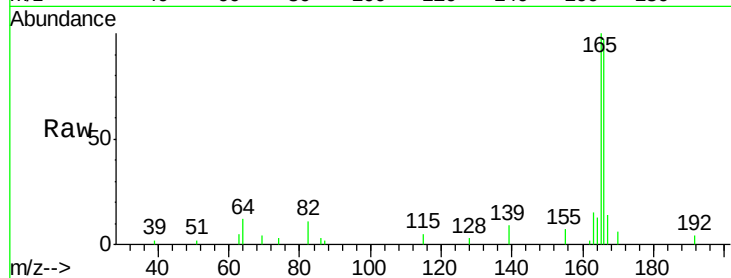




#57
 Fluorene
 Concen: 4.21 ng
 RT: 12.11 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF078754.D
 Acq: 23 Apr 2015 18:02

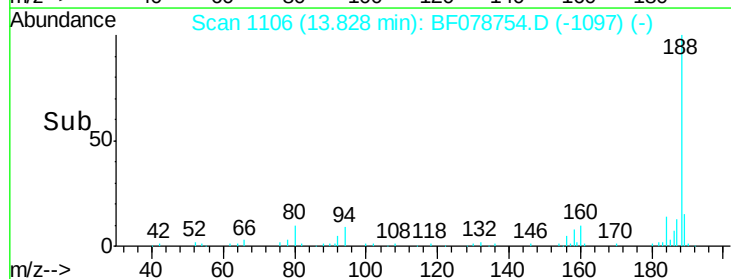
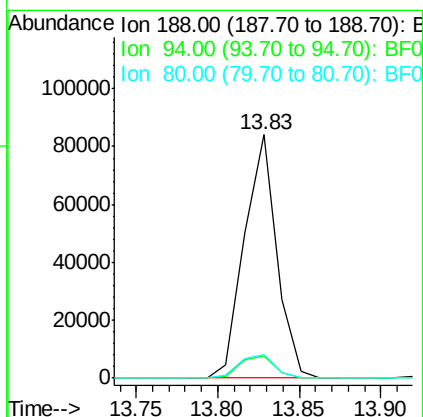
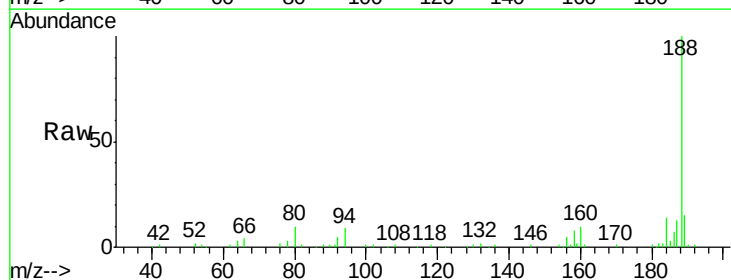
Instrument :
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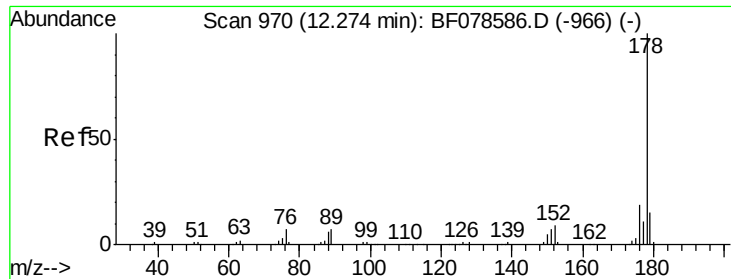
Tgt Ion:166 Resp: 17584
 Ion Ratio Lower Upper
 166 100
 165 103.3 78.9 118.3
 167 14.9 10.7 16.1



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BF078754.D
 Acq: 23 Apr 2015 18:02

Tgt Ion:188 Resp: 115508
 Ion Ratio Lower Upper
 188 100
 94 9.1 9.0 13.4
 80 9.5 9.5 14.3

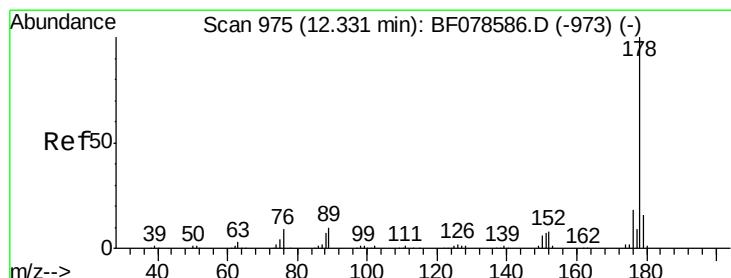
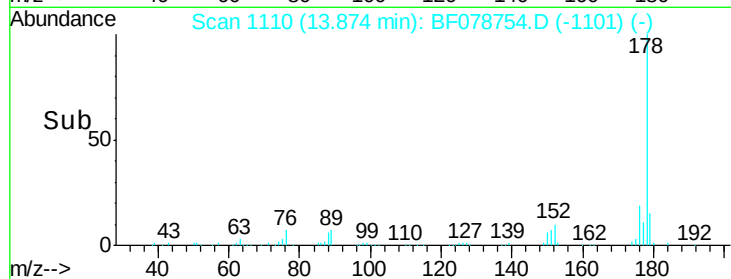
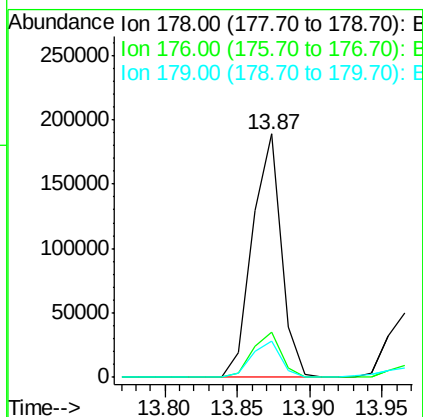
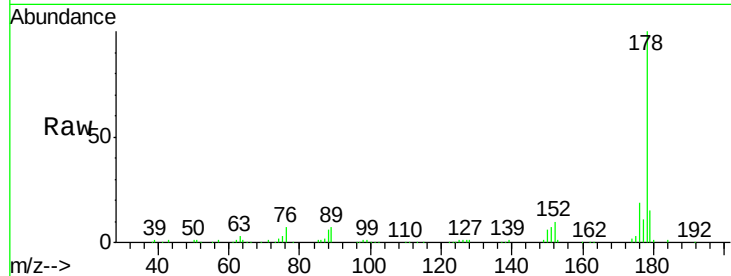




#70
Phenanthrene
Concen: 38.97 ng
RT: 13.87 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF078754.D
Acq: 23 Apr 2015 18:02

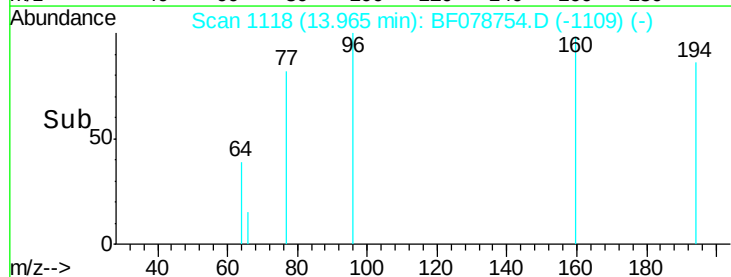
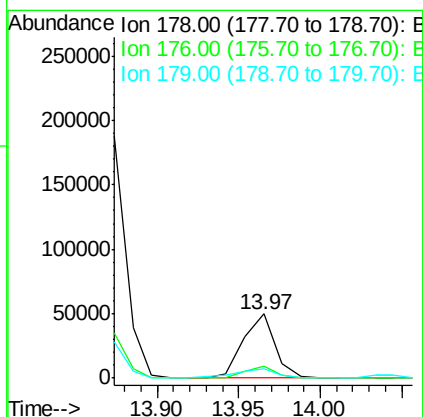
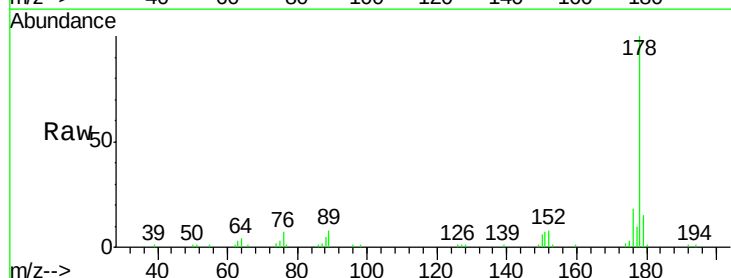
Instrument :
BNA_F
ClientSampleId :
SB-77S

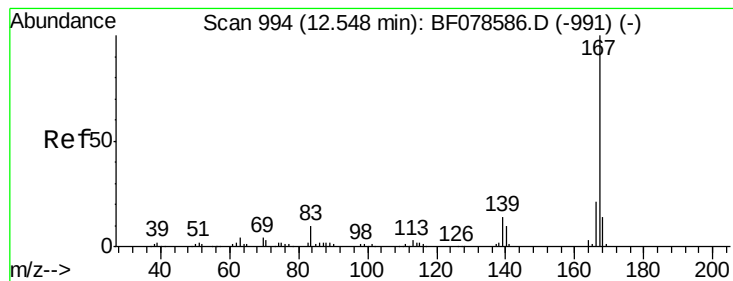
Tgt Ion:178 Resp: 260383
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.1 12.2 18.2



#71
Anthracene
Concen: 10.36 ng
RT: 13.97 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF078754.D
Acq: 23 Apr 2015 18:02

Tgt Ion:178 Resp: 68188
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 15.1 12.4 18.6





#72

Carbazole

Concen: 2.22 ng

RT: 14.31 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF078754.D

Acq: 23 Apr 2015 18:02

Instrument :

BNA_F

ClientSampleId :

SB-77S

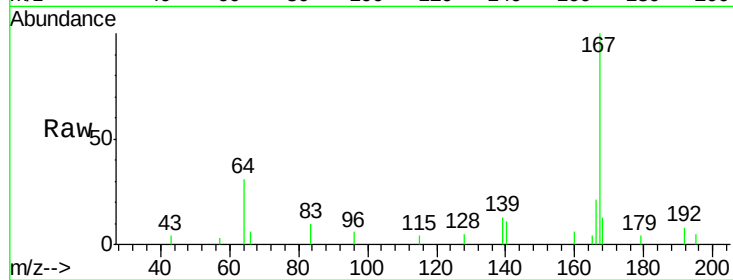
Tgt Ion:167 Resp: 13670

Ion Ratio Lower Upper

167 100

166 20.9 16.8 25.2

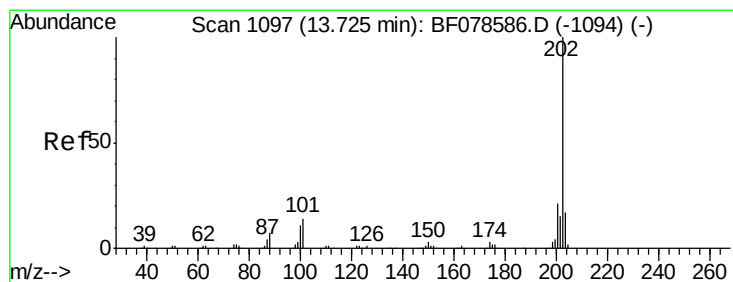
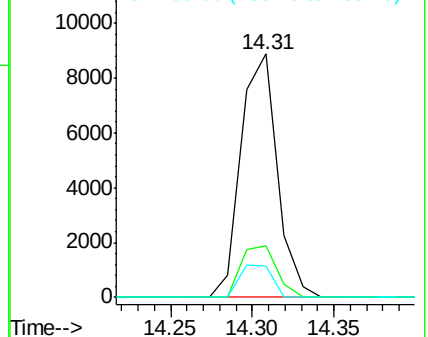
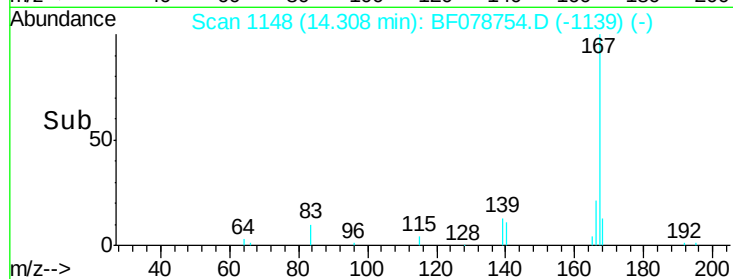
139 12.6 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 57.74 ng

RT: 15.77 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF078754.D

Acq: 23 Apr 2015 18:02

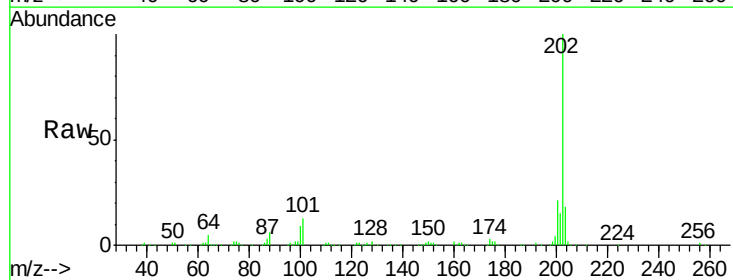
Tgt Ion:202 Resp: 406837

Ion Ratio Lower Upper

202 100

101 12.8 0.0 35.2

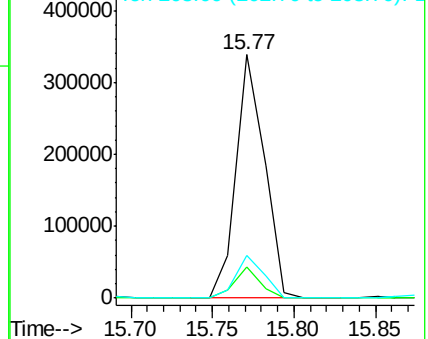
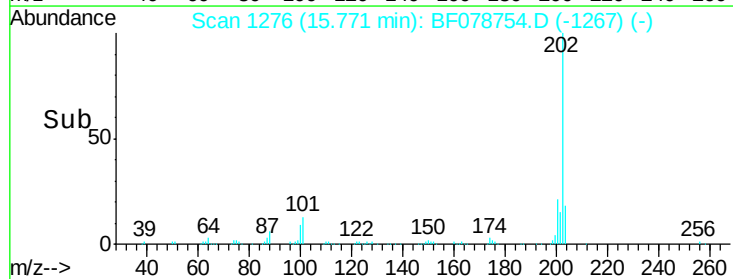
203 17.7 0.0 38.5

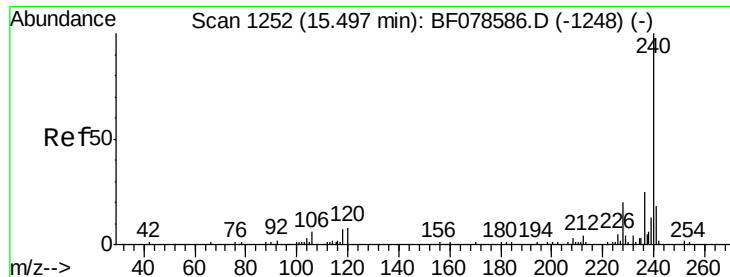


Abundance Ion 202.00 (201.70 to 202.70): E

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: 17.71 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF078754.D

Acq: 23 Apr 2015 18:02

Instrument :

BNA_F

ClientSampleId :

SB-77S

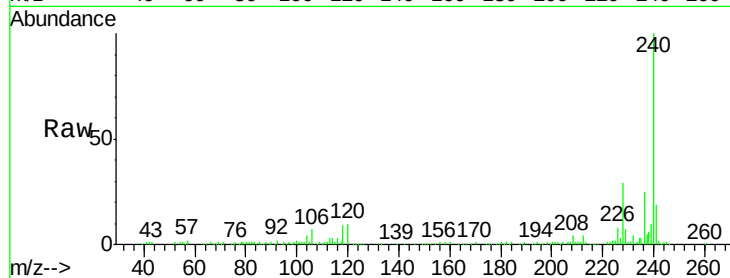
Tgt Ion:240 Resp: 128203

Ion Ratio Lower Upper

240 100

120 9.9 7.1 10.7

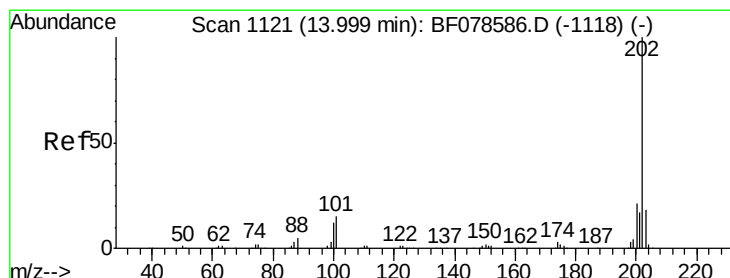
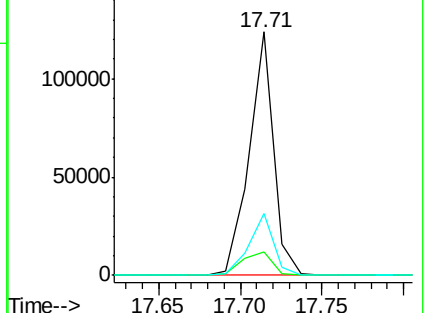
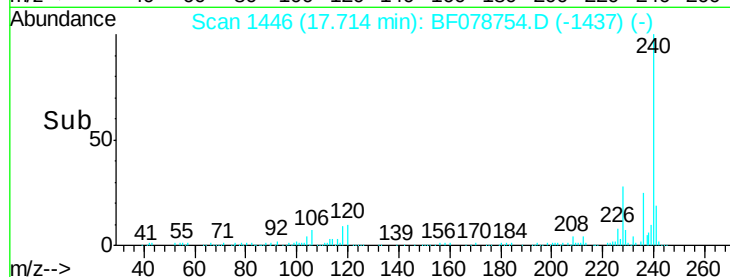
236 25.3 21.4 32.2



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: 46.64 ng

RT: 16.08 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF078754.D

Acq: 23 Apr 2015 18:02

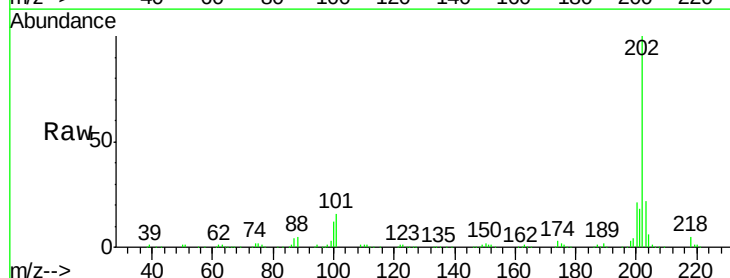
Tgt Ion:202 Resp: 375388

Ion Ratio Lower Upper

202 100

200 21.4 16.3 24.5

203 21.6 13.8 20.6#



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

