

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
 Data File : BF078865.D
 Acq On : 30 Apr 2015 23:41
 Operator : TP/IZ
 Sample : G2044-03 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-60S

Quant Time: May 01 00:46:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	76340	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	312853	20.00	ng	0.00
38) Acenaphthene-d10	11.12	164	150372	20.00	ng	-0.01
63) Phenanthrene-d10	12.97	188	299875	20.00	ng	0.00
75) Chrysene-d12	16.26	240	314971	20.00	ng	-0.01
86) Perylene-d12	17.98	264	328519	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	60264	13.59	ng	0.00
7) Phenol-d6	6.91	99	125964	21.49	ng	0.00
23) Nitrobenzene-d5	8.06	82	68584	12.60	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	7740	4.76	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	153437	14.22	ng	0.00
78) Terphenyl-d14	14.97	244	176289	13.40	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.82	77	302	0.08	ng	# 71
10) Phenol	6.92	94	2898	0.43	ng	87
15) Benzyl Alcohol	7.55	79	1196	0.27	ng	# 44
20) 3+4-Methylphenols	7.87	107	1063	0.20	ng	# 58
27) 2,4-Dimethylphenol	8.56	122	253	0.06	ng	# 4
31) Naphthalene	8.97	128	12880	0.86	ng	98
32) Benzoic acid	8.56	122	253	6.39	ng	# 50
33) 4-Chloroaniline	8.97	127	1668	0.26	ng	# 34
37) 2-Methylnaphthalene	9.83	142	4471	0.43	ng	# 88
45) 1,1'-Biphenyl	10.41	154	1839	0.15	ng	87
48) Acenaphthylene	10.95	152	11695	0.76	ng	99
49) Dimethylphthalate	10.80	163	8221	0.74	ng	# 97
51) Acenaphthene	11.16	154	13500	1.48	ng	97
54) Dibenzofuran	11.38	168	11960	0.91	ng	98
57) Fluorene	11.80	166	14194	1.31	ng	# 97
62) Azobenzene	12.00	77	242	0.02	ng	# 1
65) n-Nitrosodiphenylamine	11.95	169	944	0.09	ng	# 4
70) Phenanthrene	13.01	178	264157	15.75	ng	99
71) Anthracene	13.06	178	56041	3.41	ng	99
72) Carbazole	13.27	167	20222	1.29	ng	96
73) Di-n-butylphthalate	13.71	149	1250	0.07	ng	# 77
74) Fluoranthene	14.48	202	380439	21.76	ng	97
77) Pyrene	14.77	202	375001	20.66	ng	99
79) Butylbenzylphthalate	15.59	149	232	0.03	ng	# 70
80) Benzo(a)anthracene	16.25	228	194205	11.26	ng	99
82) Chrysene	16.30	228	148666	8.96	ng	97
83) Bis(2-ethylhexyl)phthalate	16.30	149	2598	0.22	ng	# 52
84) Di-n-octyl phthalate	17.13	149	334	0.02	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.47	276	100344	4.75	ng	# 100
87) Benzo(b)fluoranthene	17.53	252	267275	14.86	ng	99
88) Benzo(k)fluoranthene	17.53	252	270297	15.53	ng	98
89) Benzo(a)pyrene	17.91	252	155442	9.39	ng	98
90) Dibenzo(a,h)anthracene	19.50	278	20938	1.19	ng	# 81
91) Benzo(g,h,i)perylene	19.92	276	99710	5.65	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 00:31:00 2015
Response via : Initial Calibration

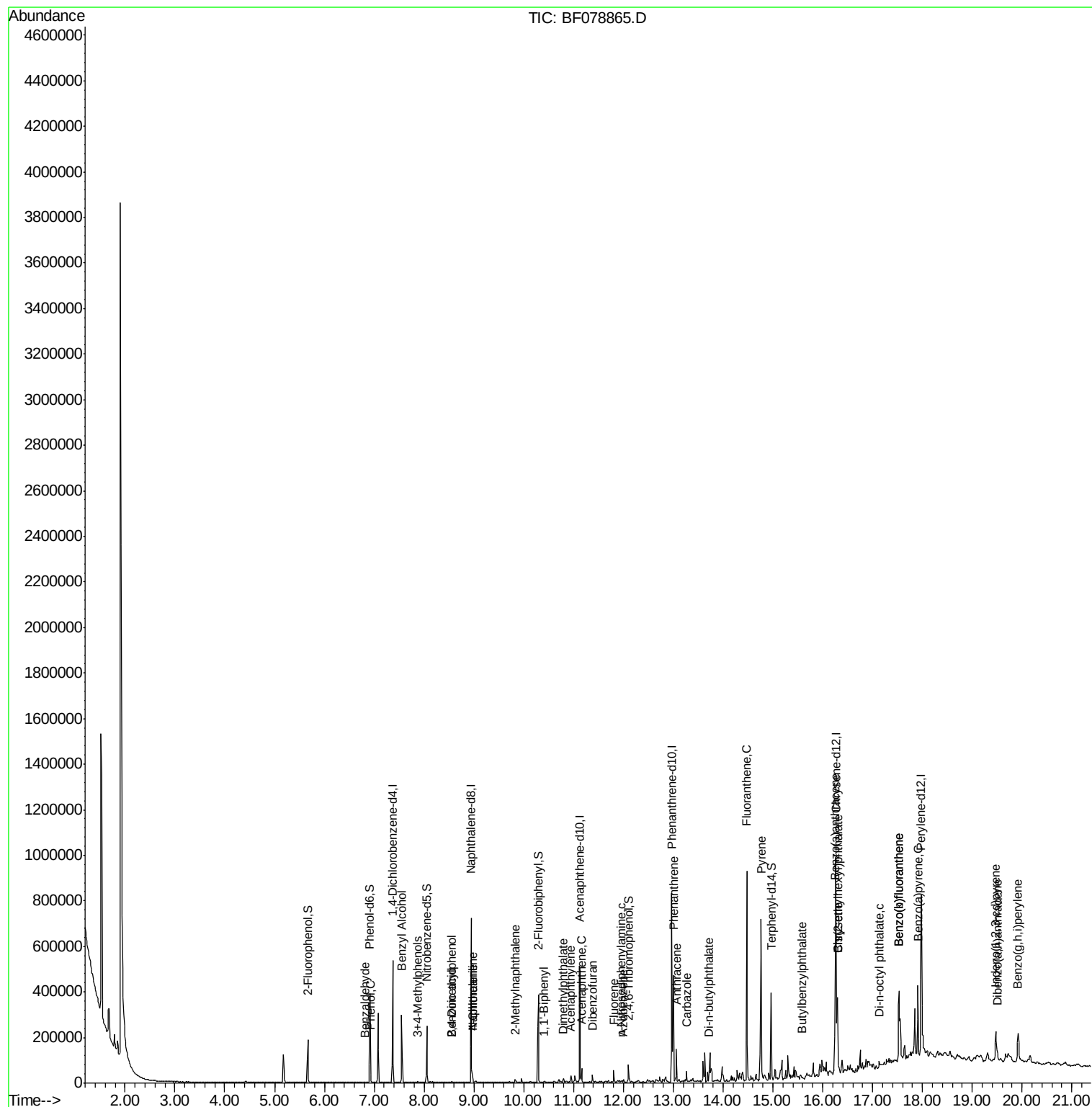
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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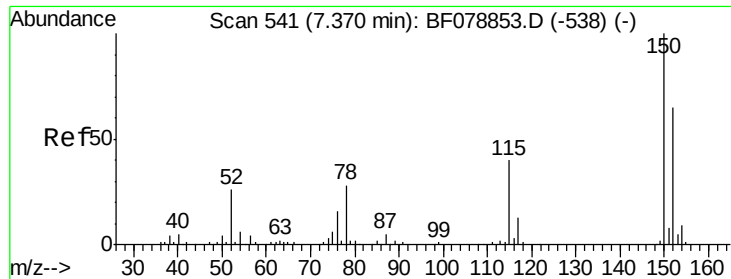
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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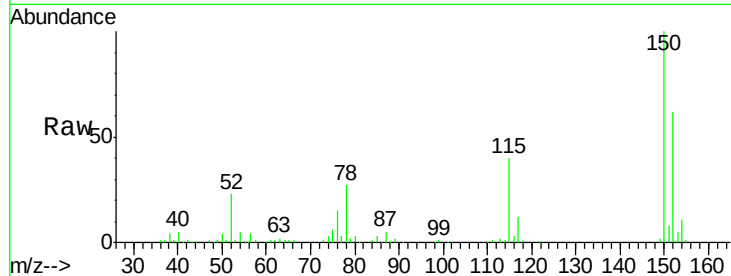


#1

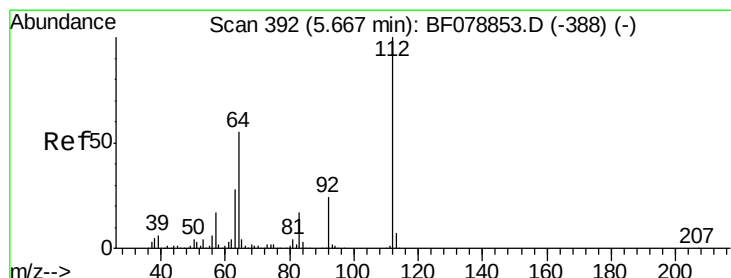
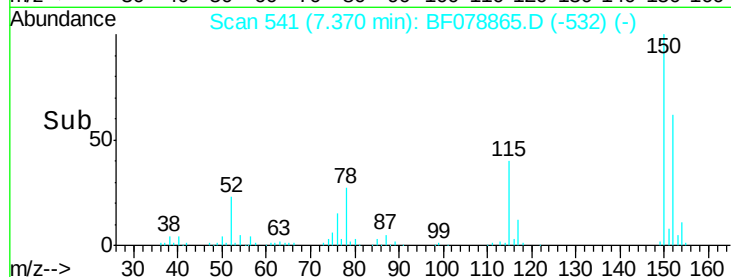
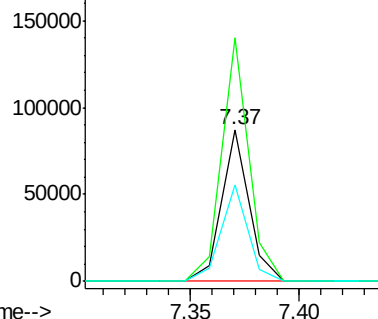
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
SB-60S

Tgt Ion:152 Resp: 76340
Ion Ratio Lower Upper
152 100
150 160.7 122.0 183.0
115 64.0 46.3 69.5



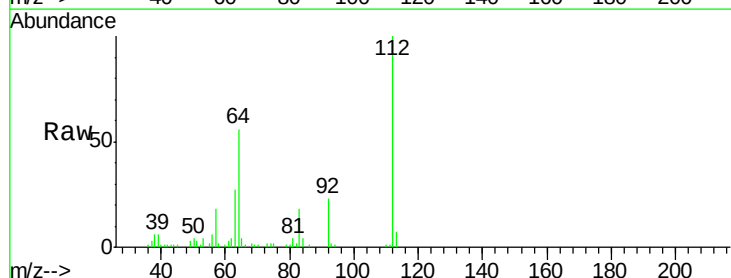
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



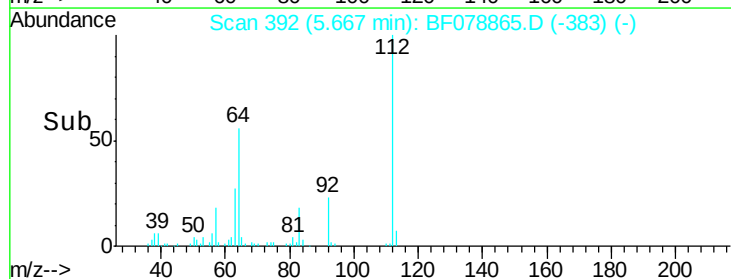
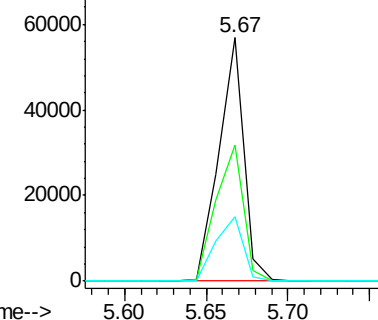
#5

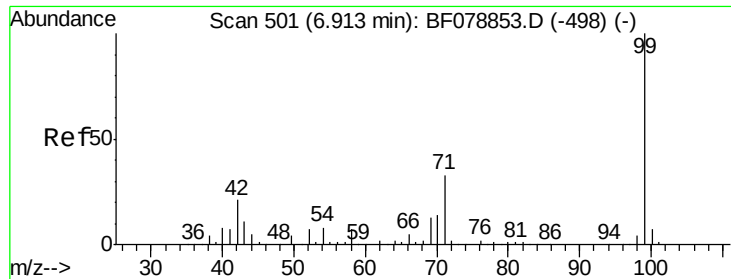
2-Fluorophenol
Concen: 13.59 ng
RT: 5.67 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Tgt Ion:112 Resp: 60264
Ion Ratio Lower Upper
112 100
64 55.7 53.5 80.3
63 26.5 27.5 41.3#



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: 21.49 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

Instrument :

BNA_F

ClientSampleId :

SB-60S

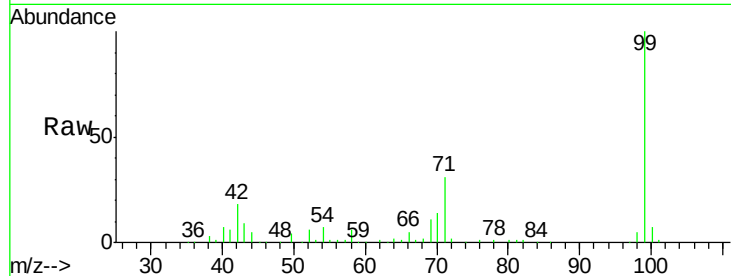
Tgt Ion: 99 Resp: 125964

Ion Ratio Lower Upper

99 100

42 18.0 12.8 19.2

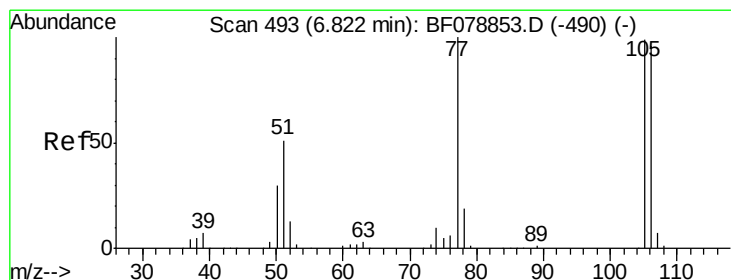
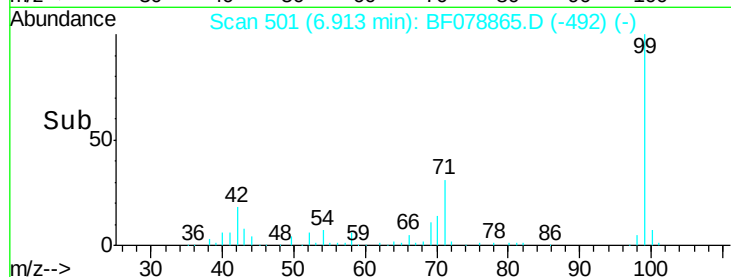
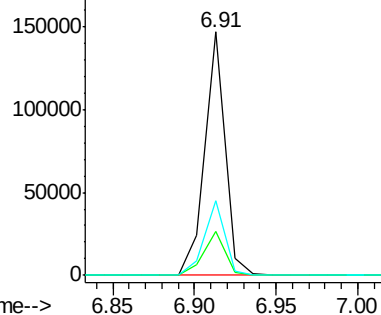
71 30.7 23.4 35.2



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



#9

Benzaldehyde

Concen: 0.08 ng

RT: 6.82 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

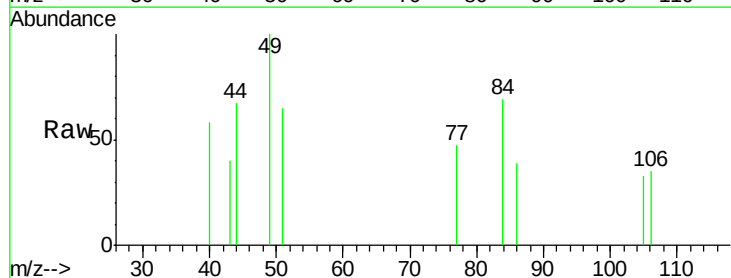
Tgt Ion: 77 Resp: 302

Ion Ratio Lower Upper

77 100

105 69.3 81.7 121.7#

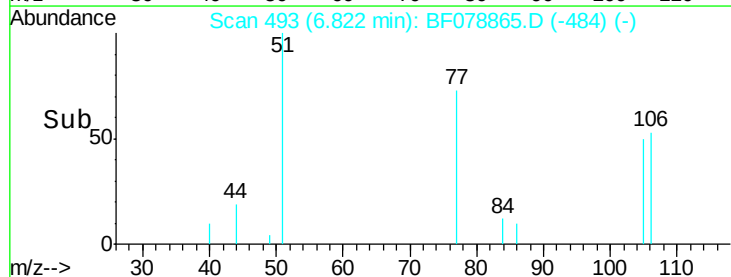
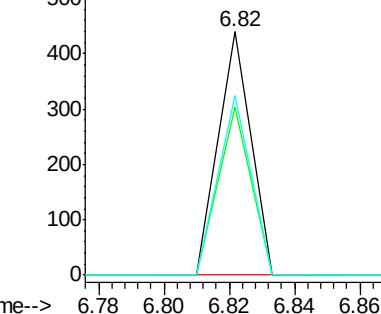
106 73.6 79.0 119.0#

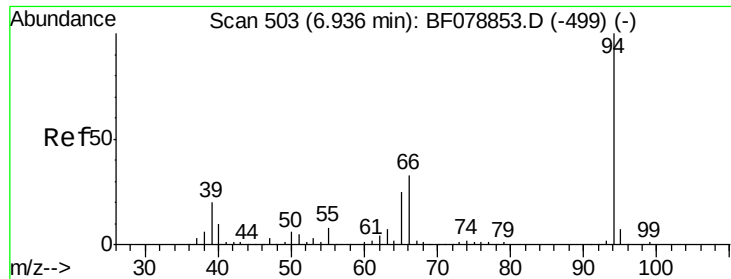


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.43 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

Instrument :

BNA_F

ClientSampleId :

SB-60S

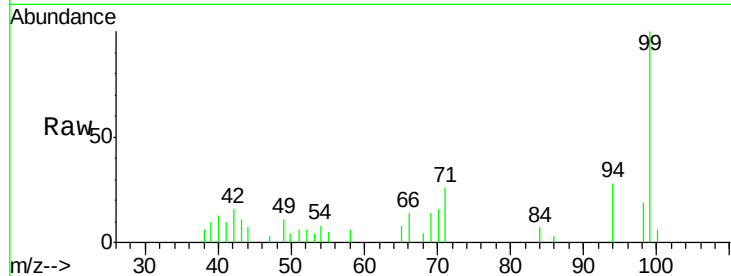
Tgt Ion: 94 Resp: 2898

Ion Ratio Lower Upper

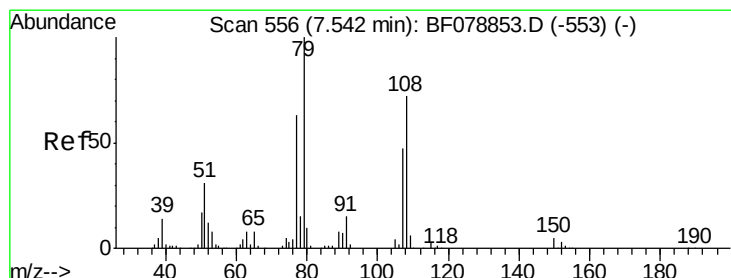
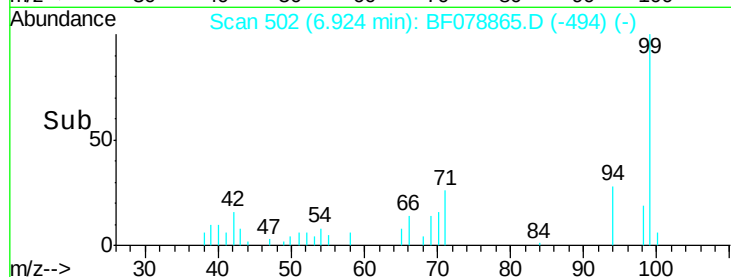
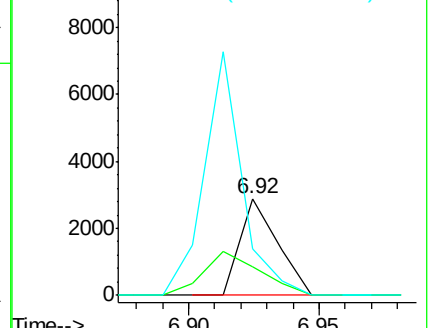
94 100

65 29.8 8.5 48.5

66 48.5 16.0 56.0



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



#15

Benzyl Alcohol

Concen: 0.27 ng

RT: 7.55 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

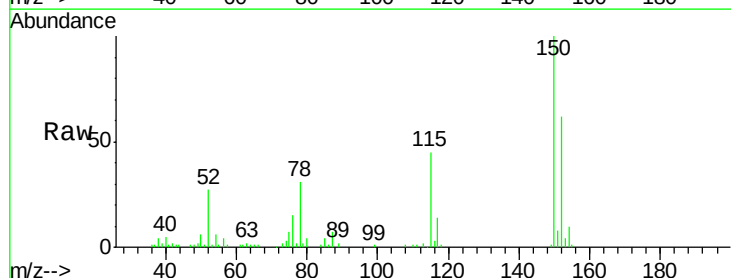
Tgt Ion: 79 Resp: 1196

Ion Ratio Lower Upper

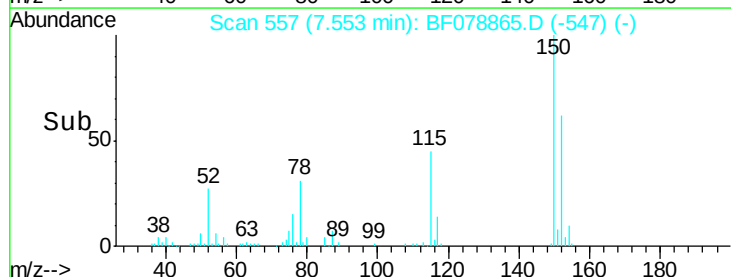
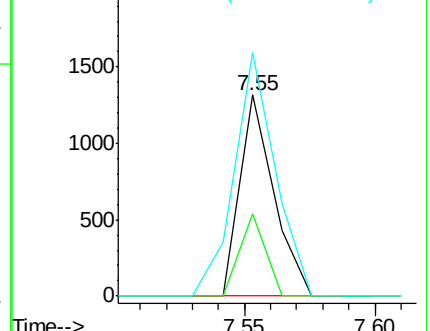
79 100

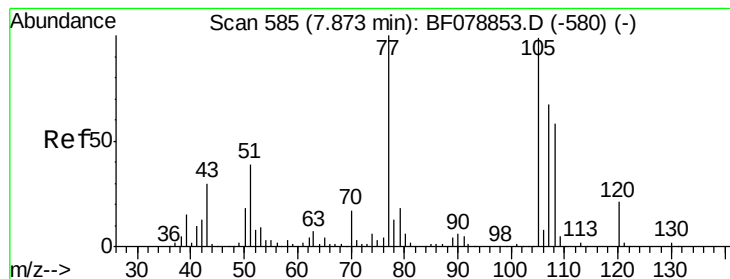
108 40.7 62.5 93.7#

77 121.2 52.2 78.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0





#20

3+4-Methylphenols

Concen: 0.20 ng

RT: 7.87 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

Instrument :

BNA_F

ClientSampled :

SB-60S

Tgt Ion:107 Resp: 1063

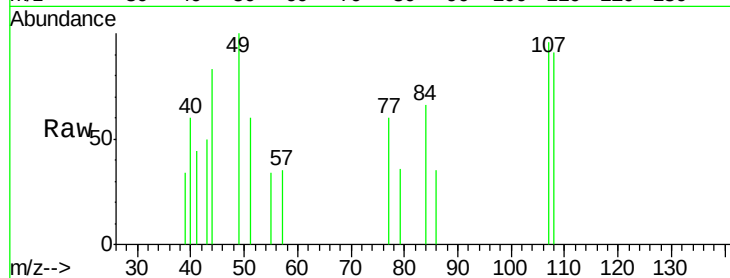
Ion Ratio Lower Upper

107 100

108 95.3 76.9 116.9

77 62.2 136.8 176.8#

79 37.8 9.7 49.7

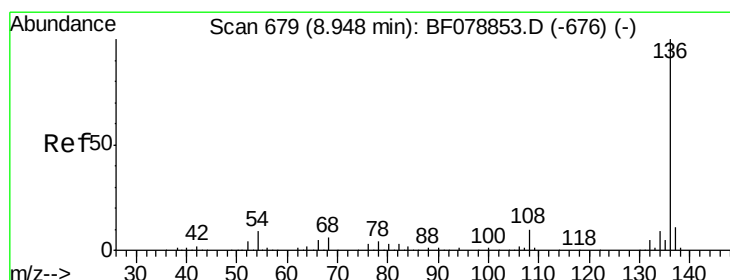
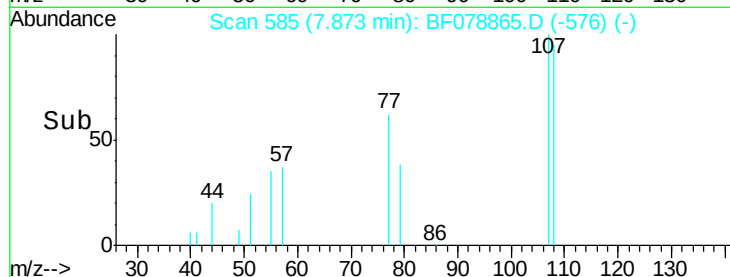
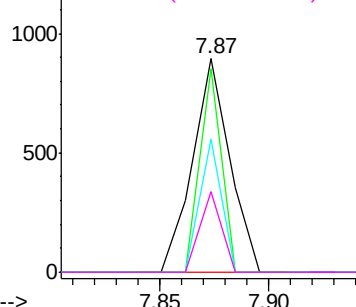


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.95 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

Tgt Ion:136 Resp: 312853

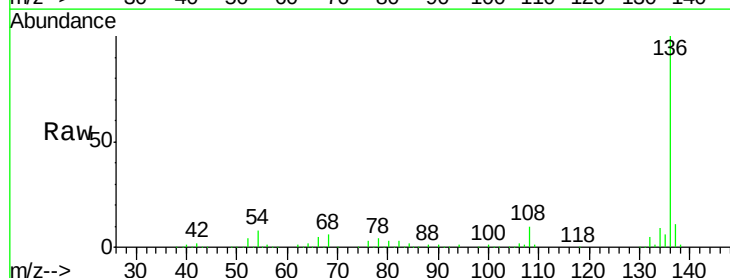
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.7 5.8 8.8

68 5.6 4.2 6.4

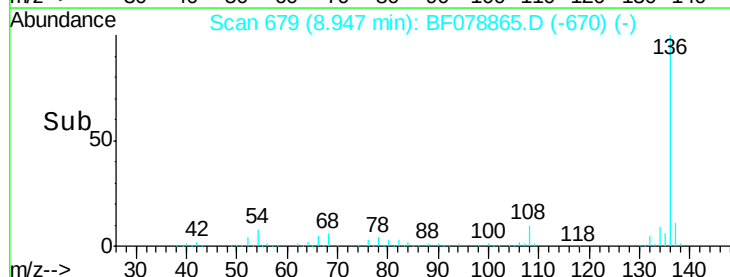
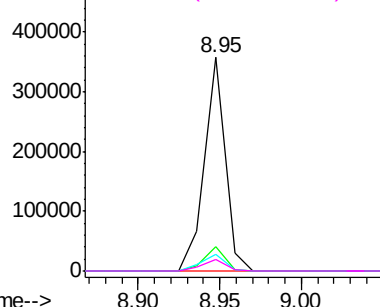


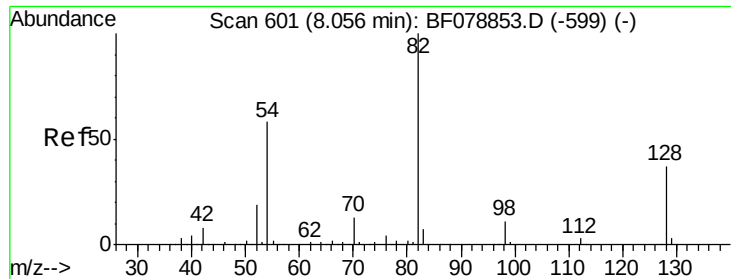
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

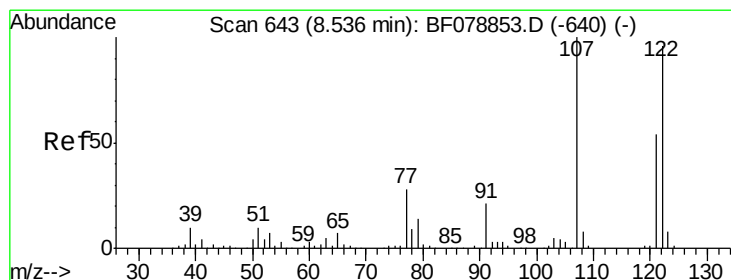
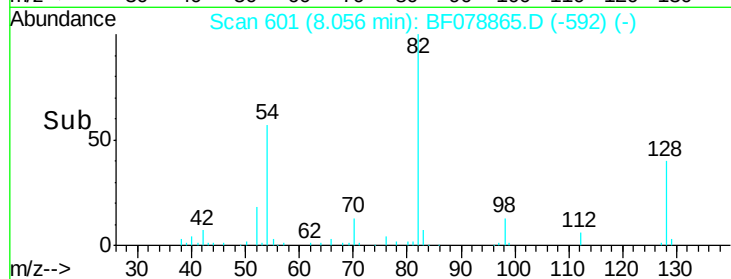
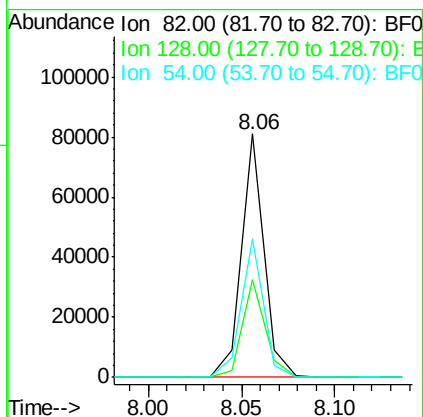
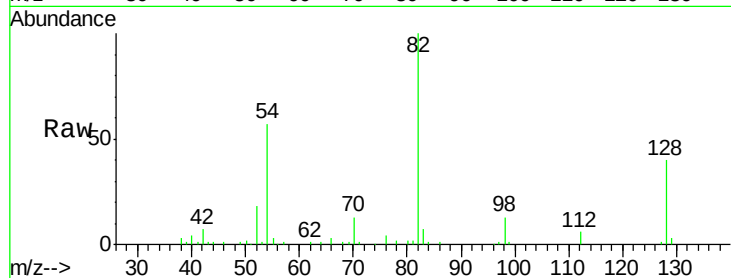




#23
 Nitrobenzene-d5
 Concen: 12.60 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF078865.D
 Acq: 30 Apr 2015 23:41

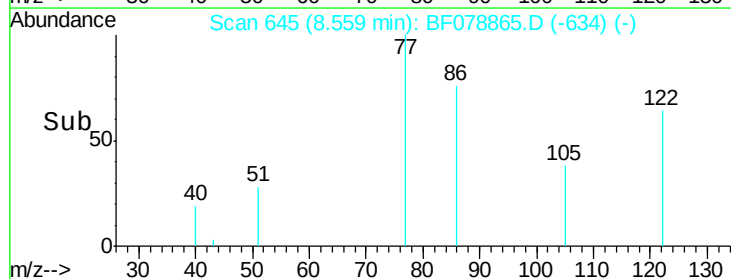
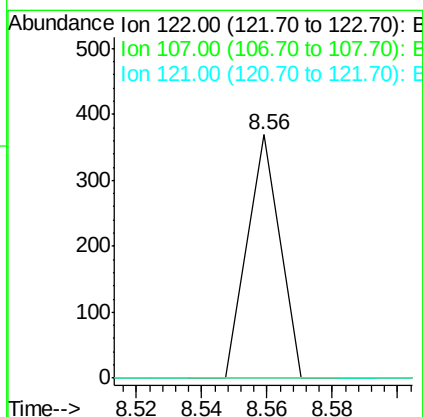
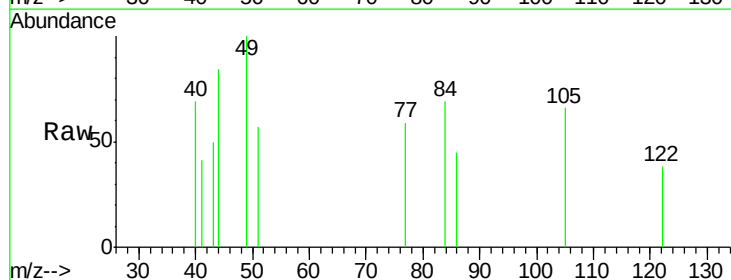
Instrument :
 BNA_F
 ClientSampled :
 SB-60S

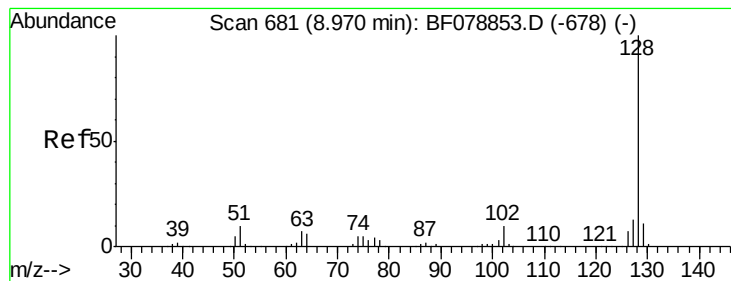
Tgt Ion: 82 Resp: 68584
 Ion Ratio Lower Upper
 82 100
 128 40.2 30.0 45.0
 54 56.8 46.4 69.6



#27
 2,4-Dimethylphenol
 Concen: 0.06 ng
 RT: 8.56 min Scan# 645
 Delta R.T. 0.02 min
 Lab File: BF078865.D
 Acq: 30 Apr 2015 23:41

Tgt Ion: 122 Resp: 253
 Ion Ratio Lower Upper
 122 100
 107 0.0 90.6 135.8#
 121 0.0 45.4 68.2#





#31

Naphthalene

Concen: 0.86 ng

RT: 8.97 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

Instrument :

BNA_F

ClientSampleId :

SB-60S

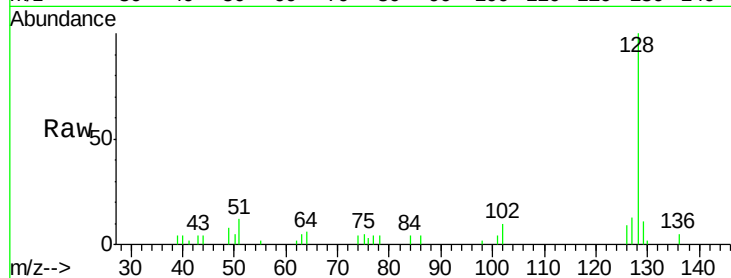
Tgt Ion:128 Resp: 12880

Ion Ratio Lower Upper

128 100

129 10.7 9.3 13.9

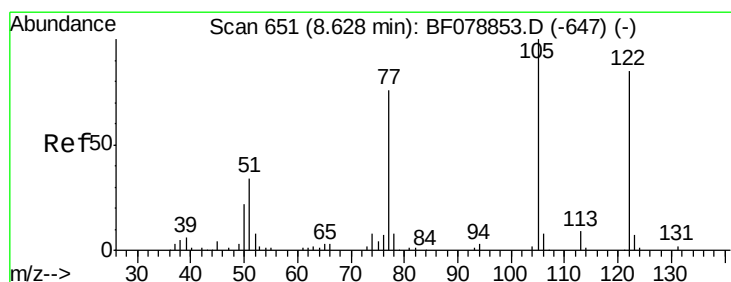
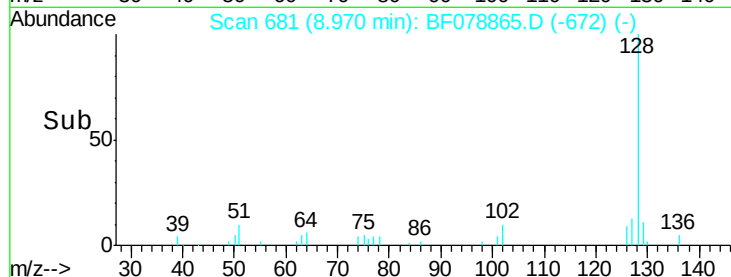
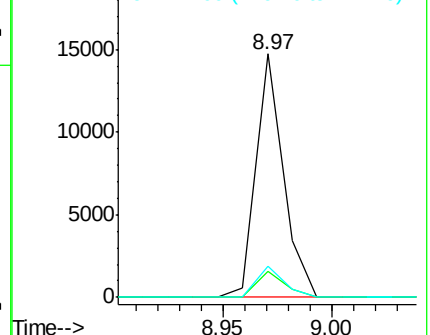
127 13.0 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.39 ng

RT: 8.56 min Scan# 645

Delta R.T. -0.07 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

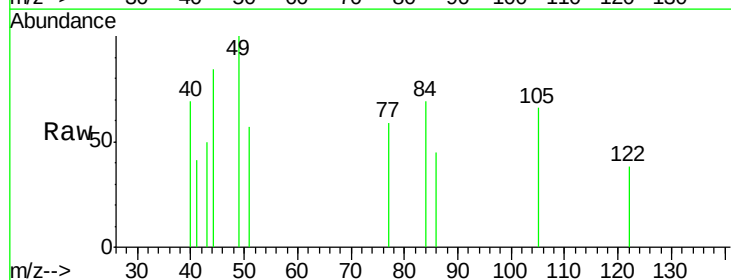
Tgt Ion:122 Resp: 253

Ion Ratio Lower Upper

122 100

105 173.4 107.1 147.1#

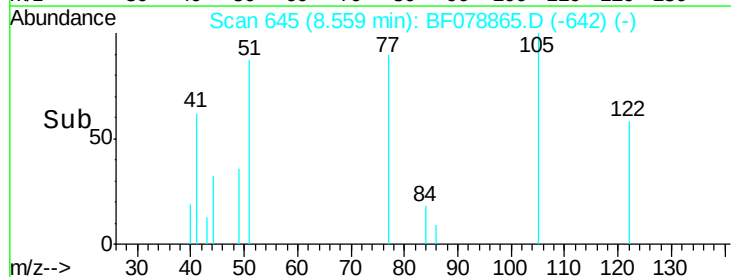
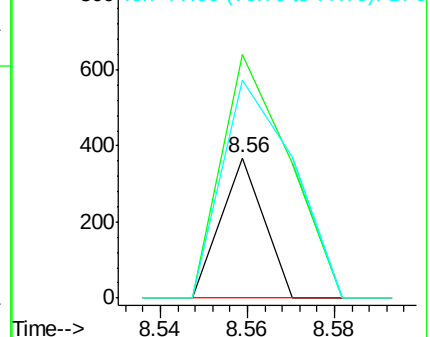
77 155.3 73.9 113.9#

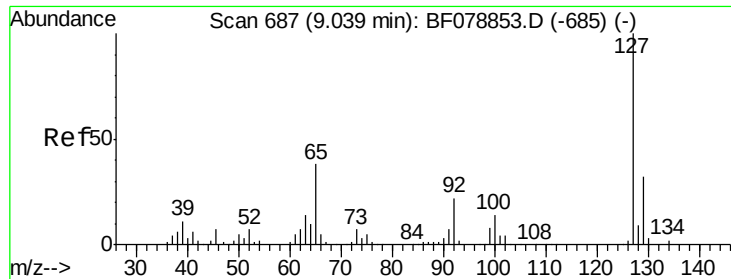


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

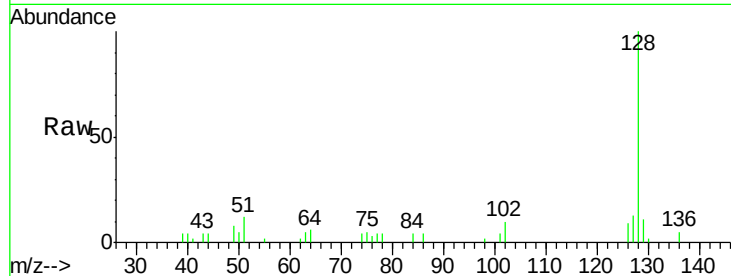




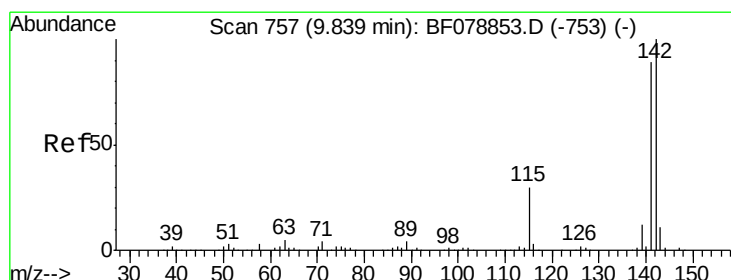
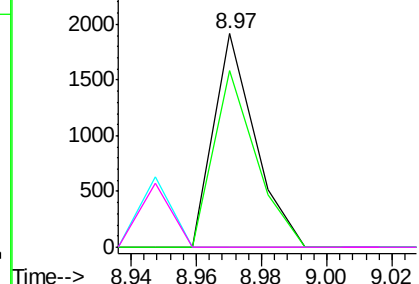
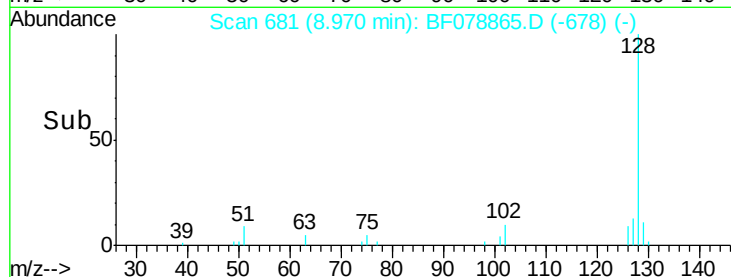
#33
4-Chloroaniline
Concen: 0.26 ng
RT: 8.97 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
SB-60S

Tgt Ion:	127	Resp:	1668
Ion	Ratio	Lower	Upper
127	100		
129	82.4	25.8	38.8#
65	0.0	25.8	38.6#
92	0.0	15.5	23.3#

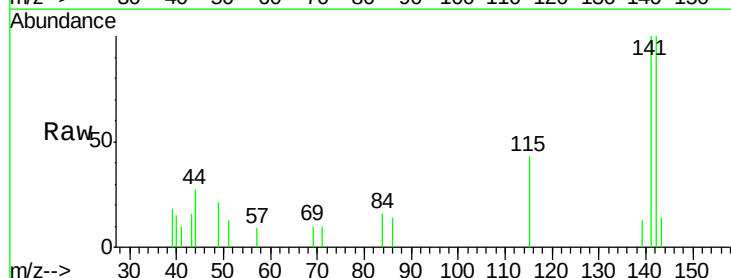


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

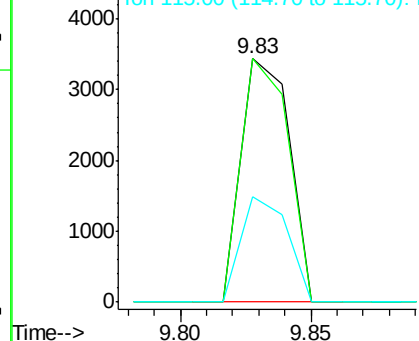
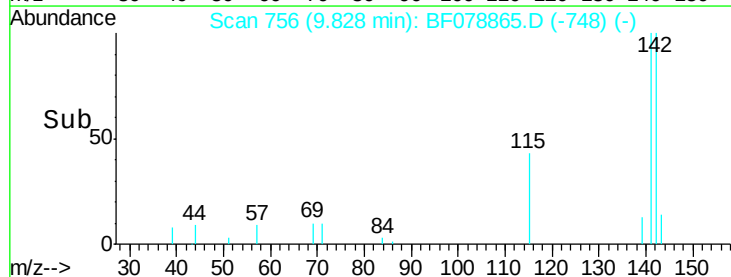


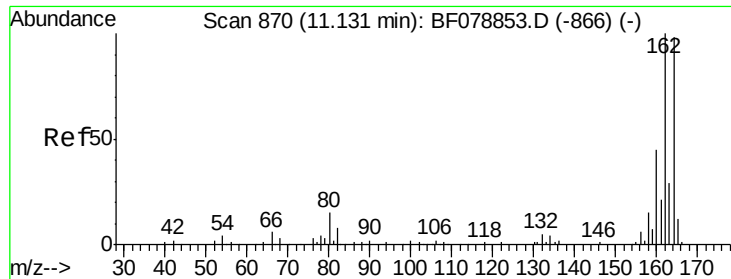
#37
2-Methylnaphthalene
Concen: 0.43 ng
RT: 9.83 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Tgt Ion:	142	Resp:	4471
Ion	Ratio	Lower	Upper
142	100		
141	100.1	70.9	106.3
115	43.2	28.5	42.7#



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: 11.12 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

Instrument :

BNA_F

ClientSampled :

SB-60S

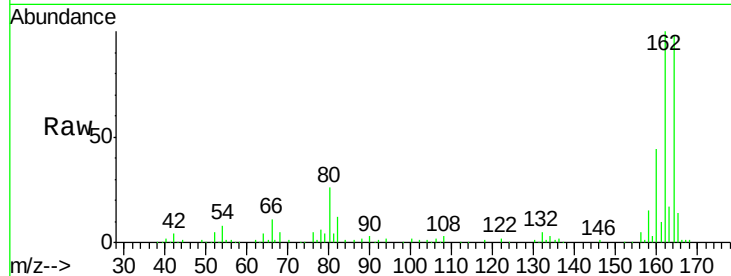
Tgt Ion:164 Resp: 150372

Ion Ratio Lower Upper

164 100

162 102.2 82.7 124.1

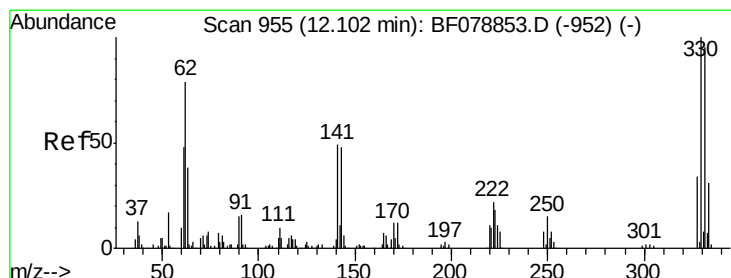
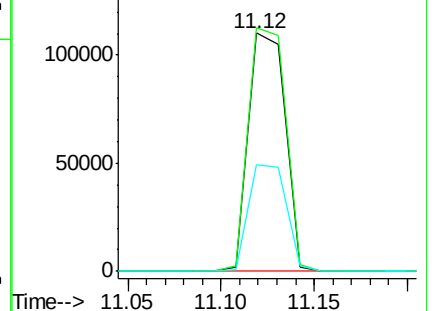
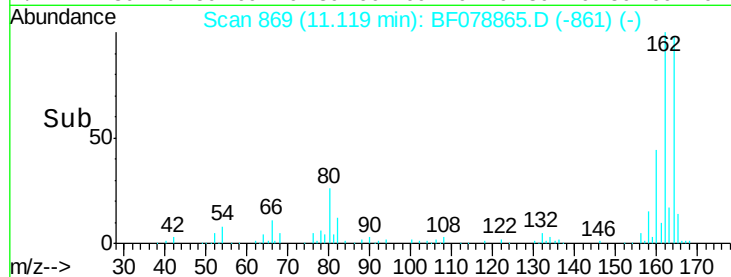
160 45.0 35.8 53.8



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: 4.76 ng

RT: 12.10 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

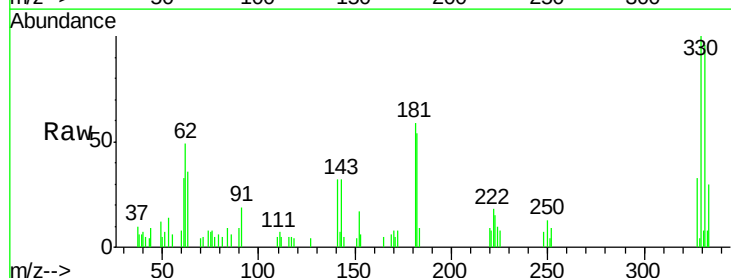
Tgt Ion:330 Resp: 7740

Ion Ratio Lower Upper

330 100

332 94.1 0.0 0.0#

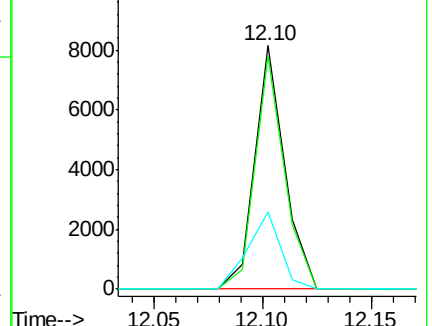
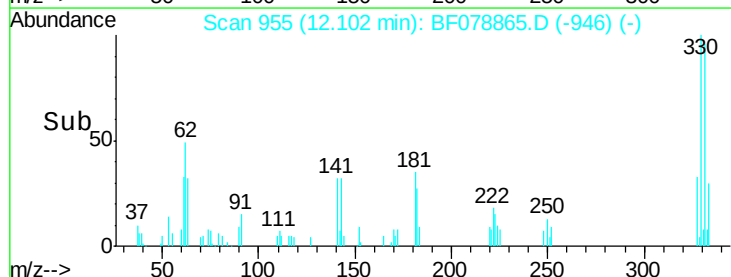
141 34.8 0.0 0.0#

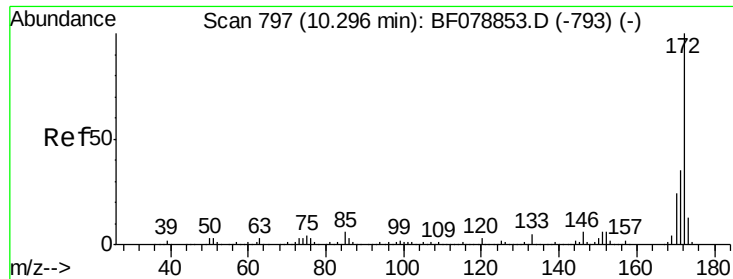


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

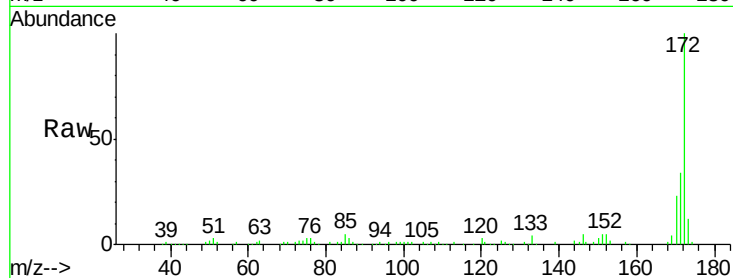




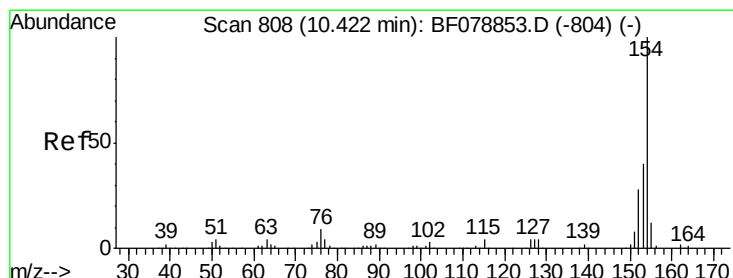
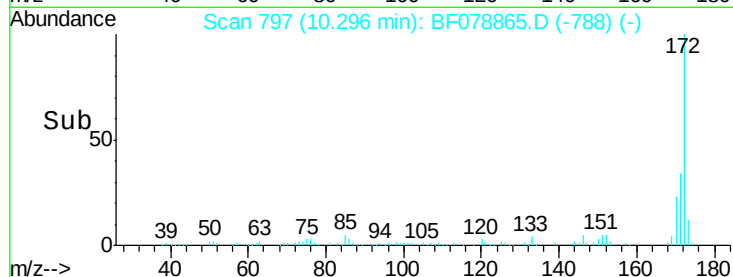
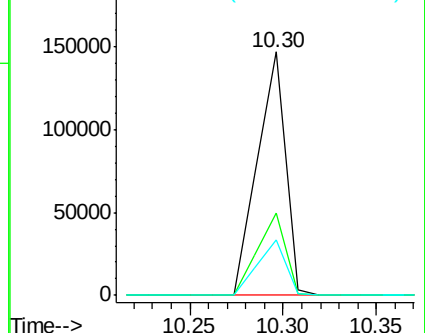
#44
2-Fluorobiphenyl
Concen: 14.22 ng
RT: 10.30 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
SB-60S

Tgt Ion:172 Resp: 153437
Ion Ratio Lower Upper
172 100
171 33.6 27.9 41.9
170 22.6 19.4 29.0

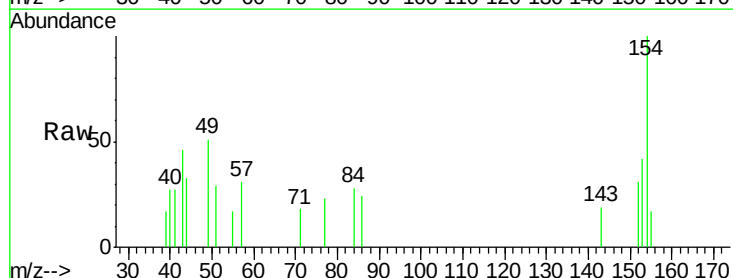


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

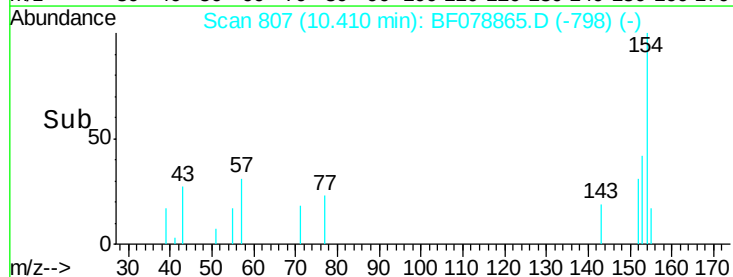
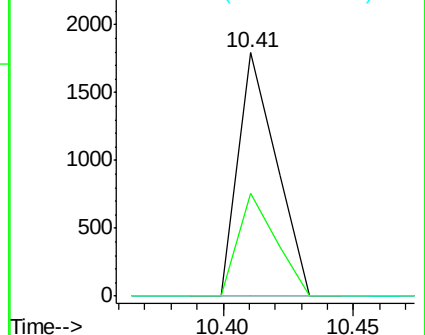


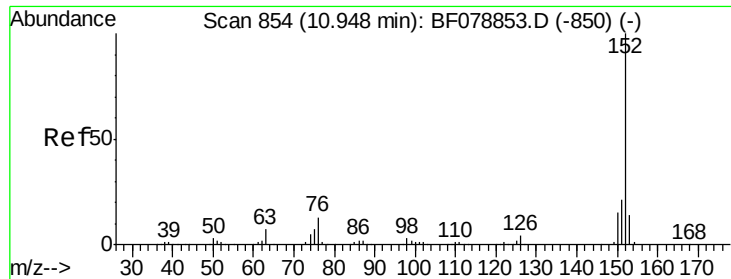
#45
1,1'-Biphenyl
Concen: 0.15 ng
RT: 10.41 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Tgt Ion:154 Resp: 1839
Ion Ratio Lower Upper
154 100
153 42.2 19.9 59.9
76 0.0 0.0 35.0



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





#48

Acenaphthylene

Concen: 0.76 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

Instrument :

BNA_F

ClientSampleId :

SB-60S

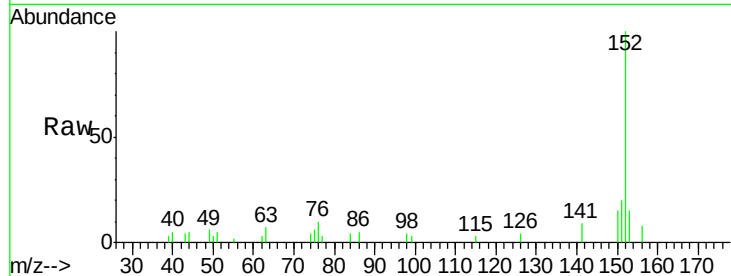
Tgt Ion:152 Resp: 11695

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

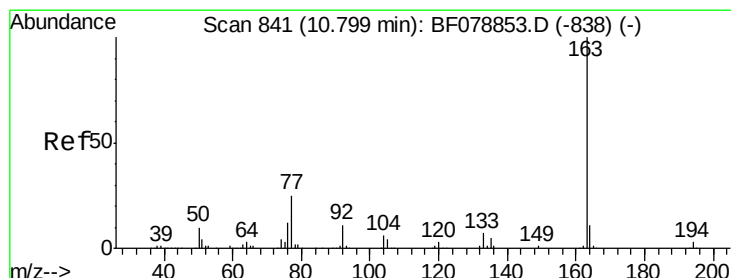
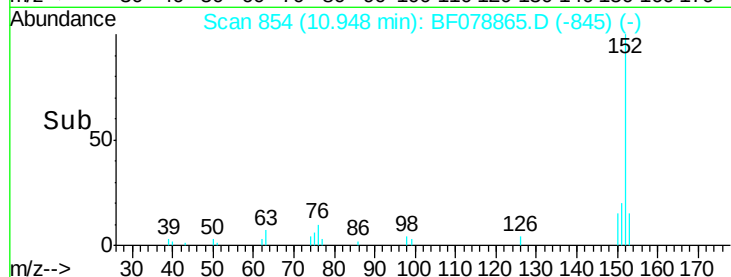
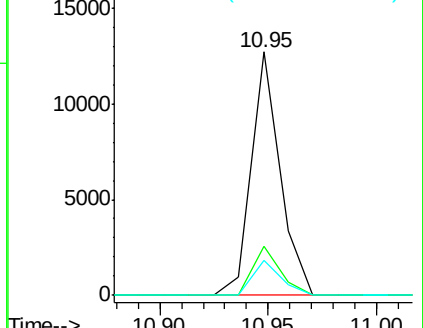
153 14.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 0.74 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

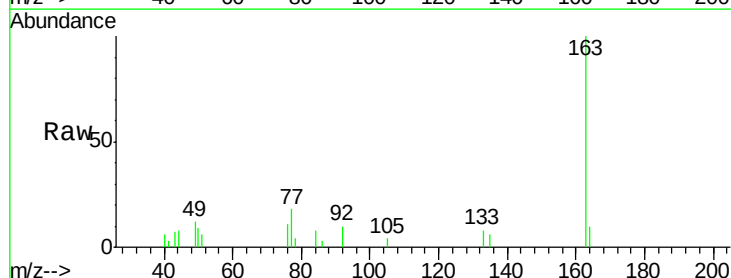
Tgt Ion:163 Resp: 8221

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

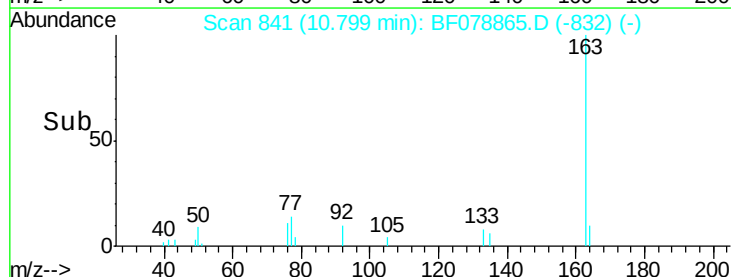
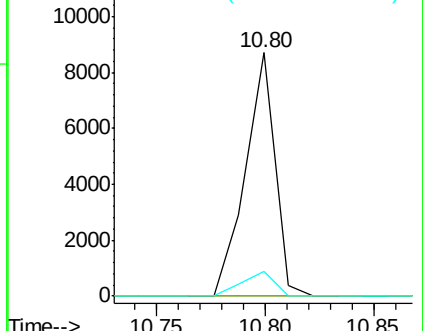
164 10.1 8.1 12.1

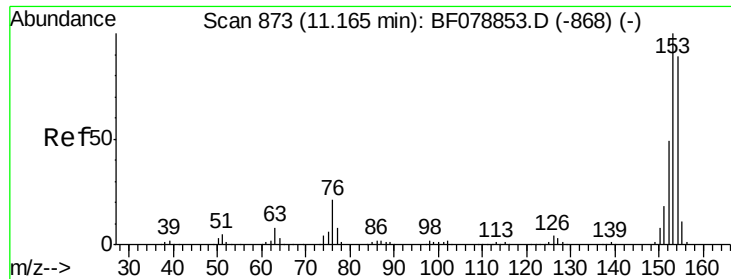


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 1.48 ng

RT: 11.16 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

Instrument :

BNA_F

ClientSampleId :

SB-60S

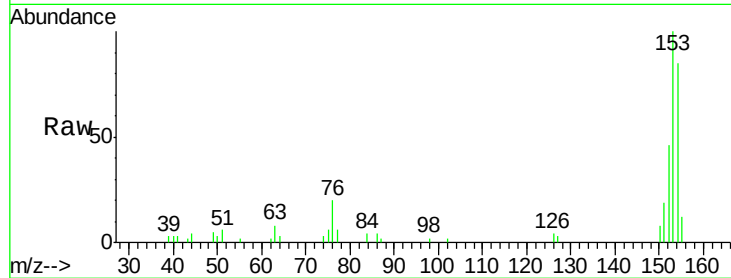
Tgt Ion:154 Resp: 13500

Ion Ratio Lower Upper

154 100

153 118.2 91.5 137.3

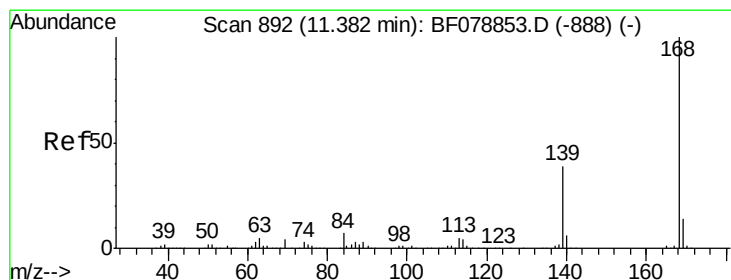
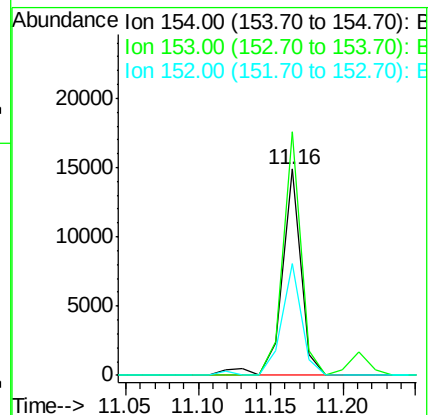
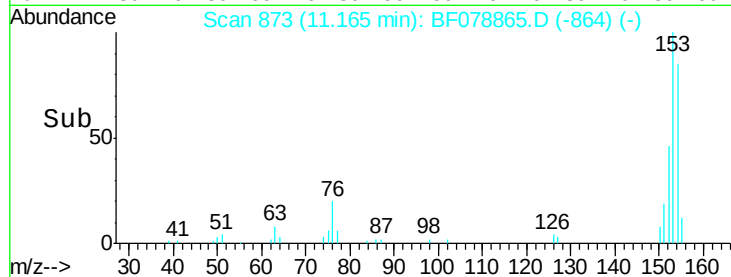
152 54.3 44.2 66.4



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: 0.91 ng

RT: 11.38 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

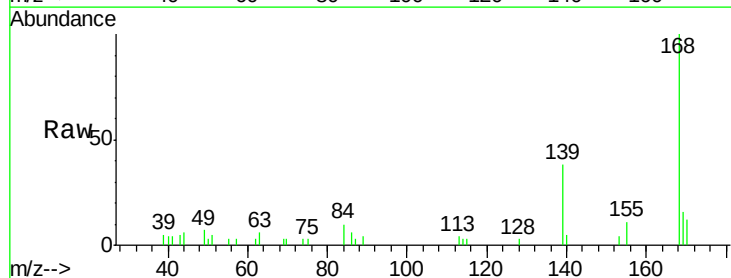
Tgt Ion:168 Resp: 11960

Ion Ratio Lower Upper

168 100

139 38.1 31.0 46.4

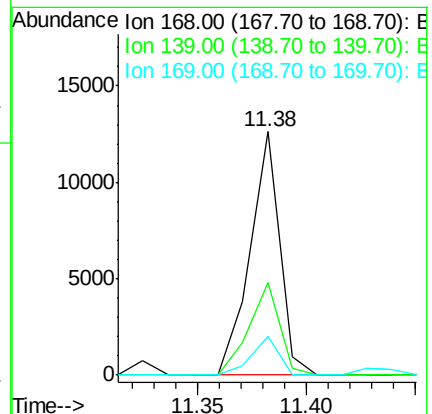
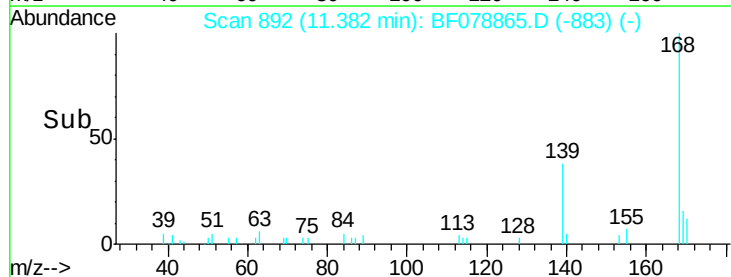
169 15.7 10.6 16.0

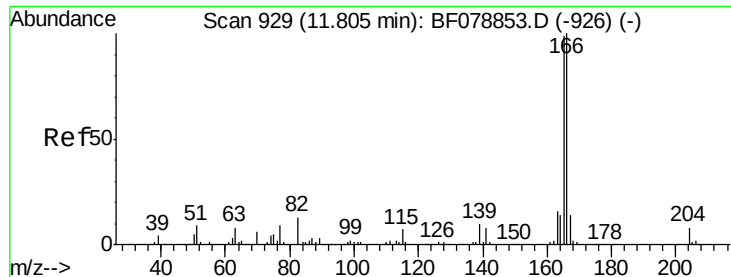


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

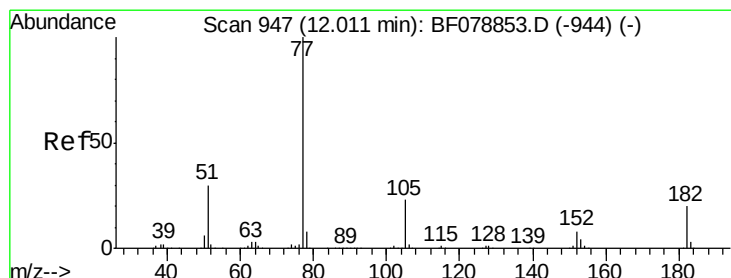
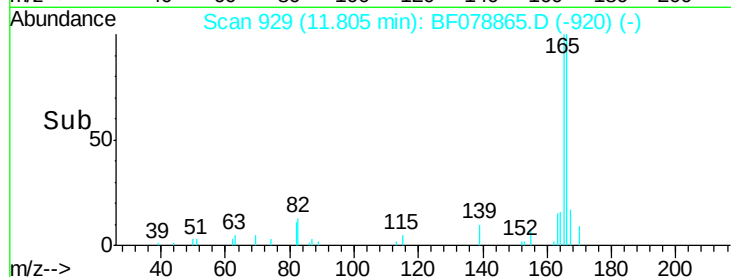
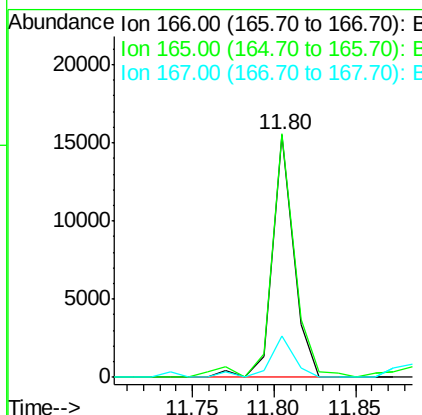
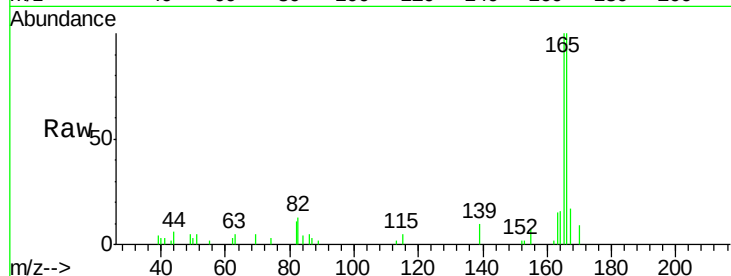




#57
 Fluorene
 Concen: 1.31 ng
 RT: 11.80 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF078865.D
 Acq: 30 Apr 2015 23:41

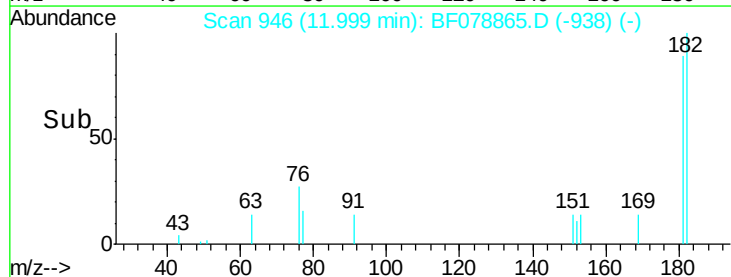
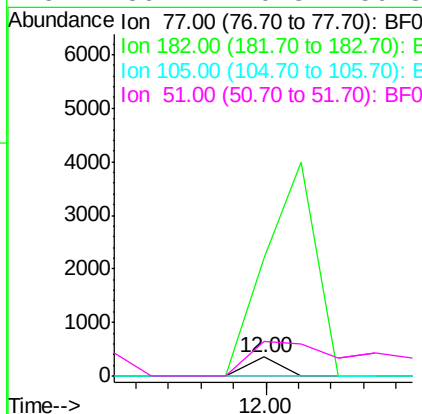
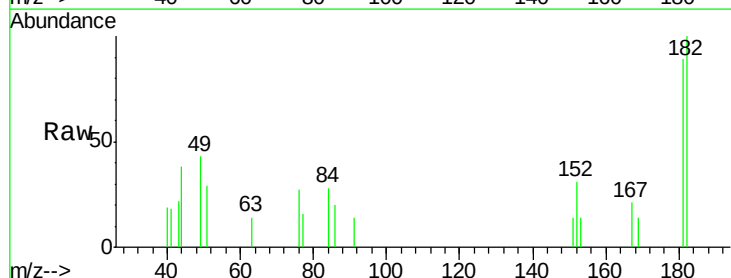
Instrument :
 BNA_F
 ClientSampleId :
 SB-60S

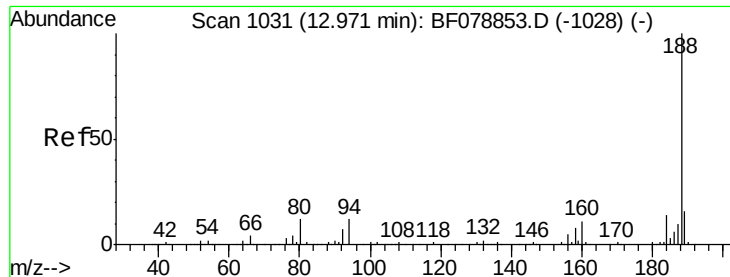
Tgt Ion: 166 Resp: 14194
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.5 117.7
 167 17.1 11.0 16.6#



#62
 Azobenzene
 Concen: 0.02 ng
 RT: 12.00 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF078865.D
 Acq: 30 Apr 2015 23:41

Tgt Ion: 77 Resp: 242
 Ion Ratio Lower Upper
 77 100
 182 626.1 3.8 43.8#
 105 0.0 3.9 43.9#
 51 180.2 10.8 50.8#

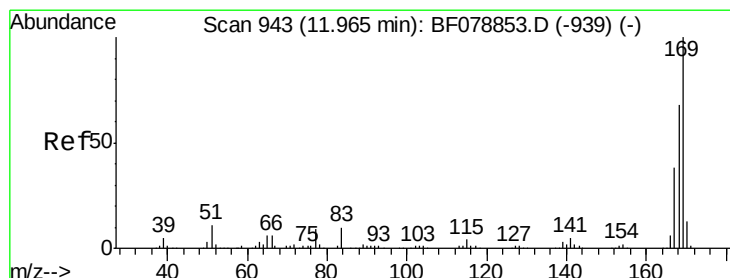
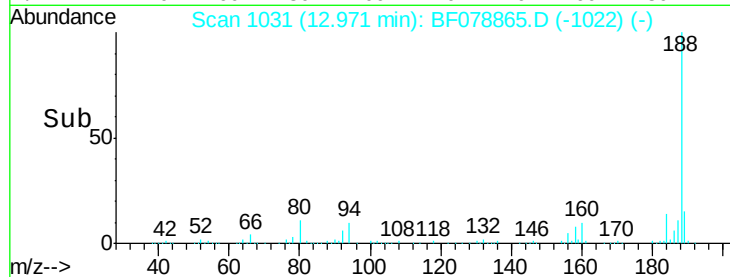
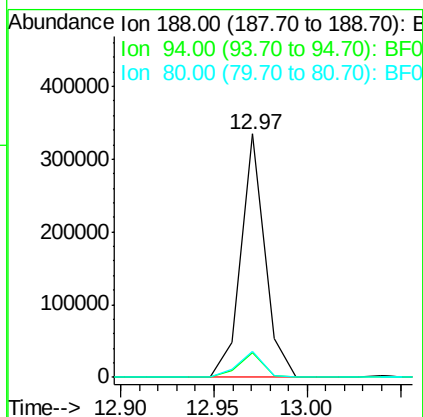
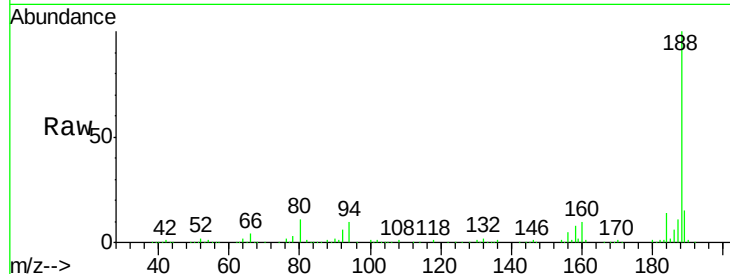




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.97 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF078865.D
 Acq: 30 Apr 2015 23:41

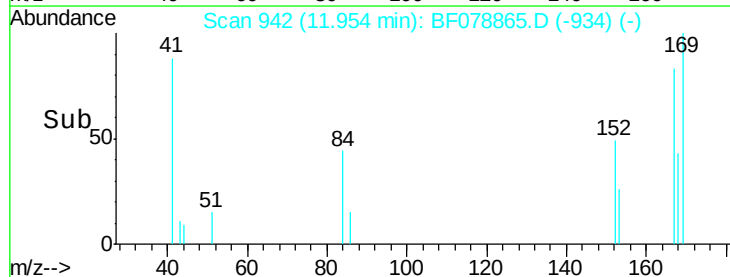
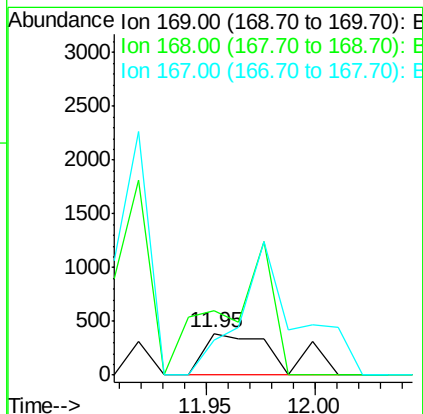
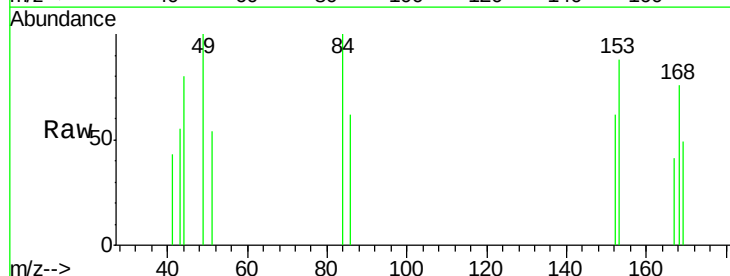
Instrument :
 BNA_F
 ClientSampleId :
 SB-60S

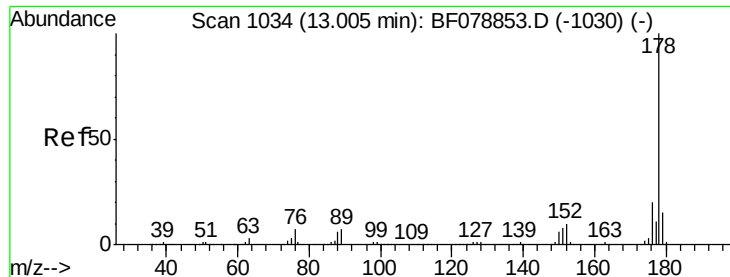
Tgt Ion:188 Resp: 299875
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.2 12.2
 80 10.9 8.9 13.3



#65
 n-Nitrosodiphenylamine
 Concen: 0.09 ng
 RT: 11.95 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF078865.D
 Acq: 30 Apr 2015 23:41

Tgt Ion:169 Resp: 944
 Ion Ratio Lower Upper
 169 100
 168 155.6 54.6 82.0#
 167 83.5 30.6 45.8#

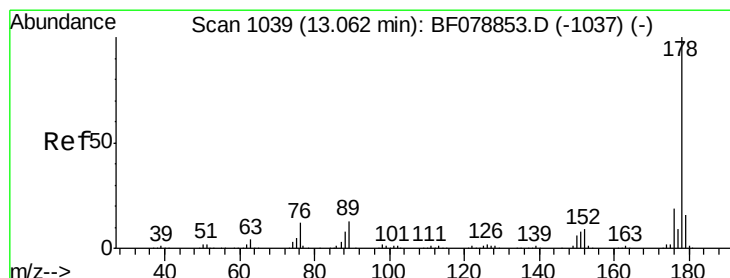
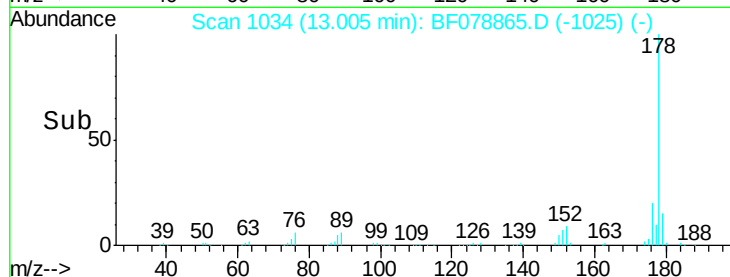
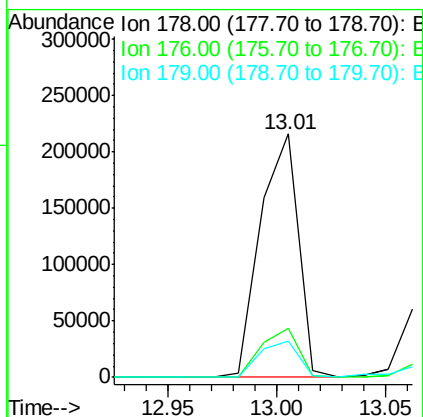
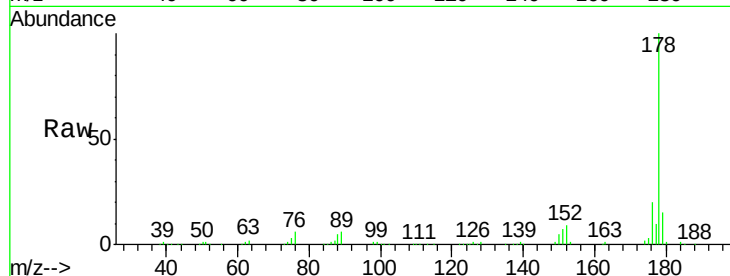




#70
Phenanthrene
Concen: 15.75 ng
RT: 13.01 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

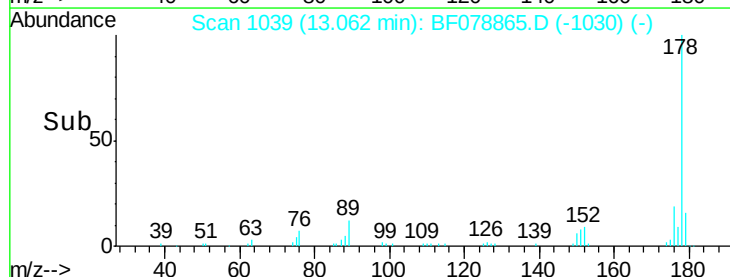
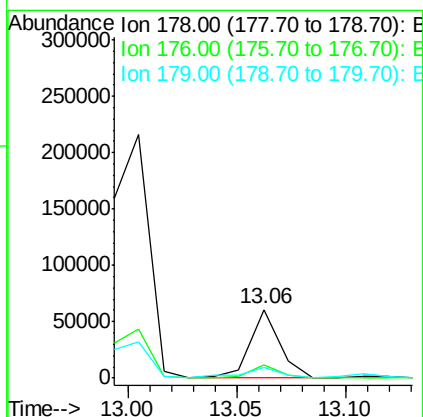
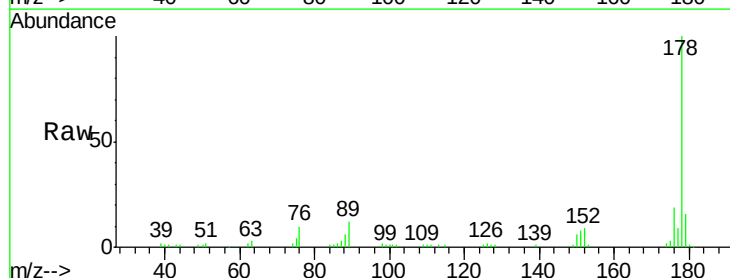
Instrument :
BNA_F
ClientSampled :
SB-60S

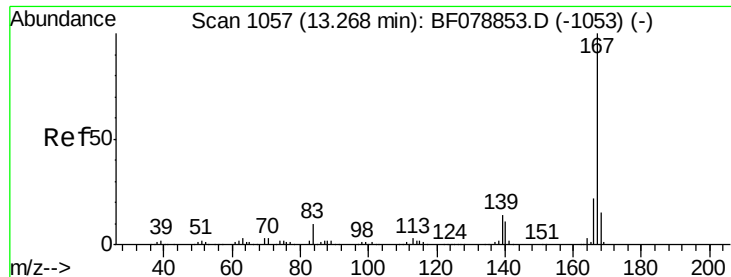
Tgt Ion:178 Resp: 264157
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 14.8 12.5 18.7



#71
Anthracene
Concen: 3.41 ng
RT: 13.06 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Tgt Ion:178 Resp: 56041
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 16.3 12.7 19.1





#72

Carbazole

Concen: 1.29 ng

RT: 13.27 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

Instrument :

BNA_F

ClientSampleId :

SB-60S

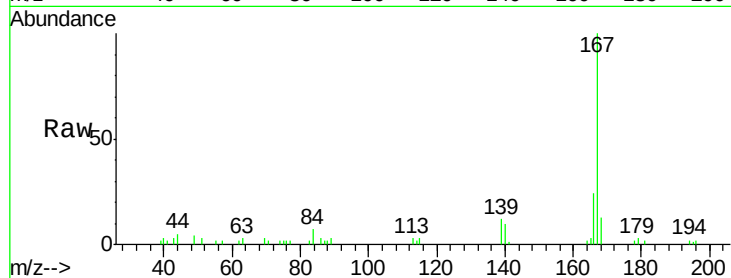
Tgt Ion:167 Resp: 20222

Ion Ratio Lower Upper

167 100

166 24.3 17.8 26.8

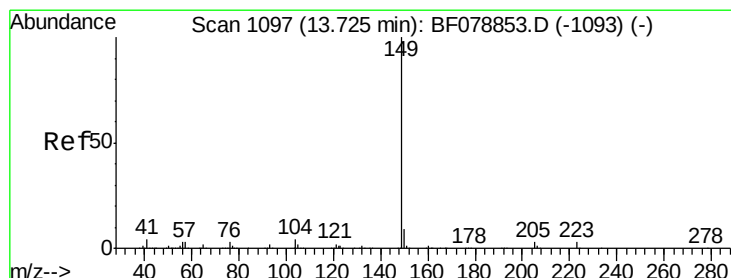
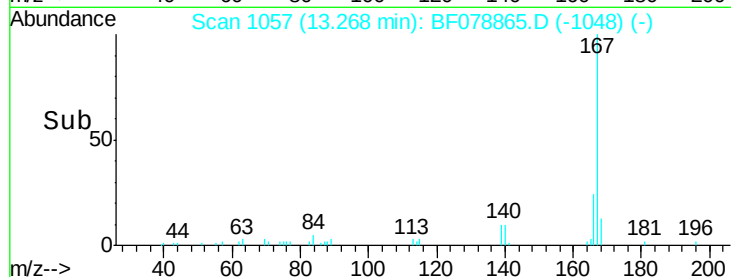
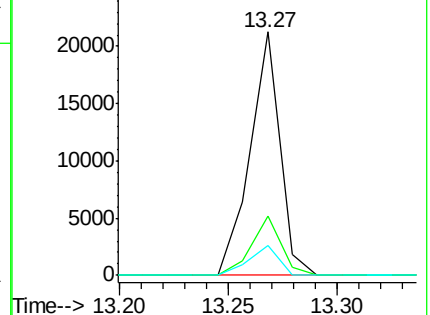
139 12.1 10.6 16.0



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



#73

Di-n-butylphthalate

Concen: 0.07 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

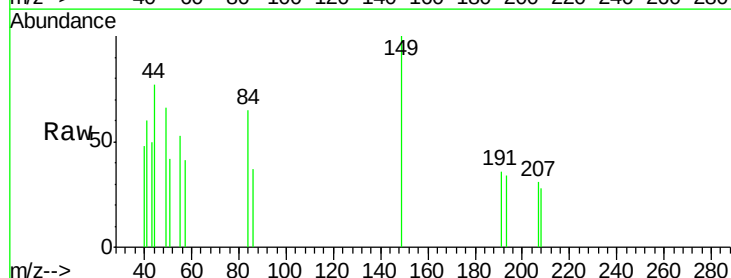
Tgt Ion:149 Resp: 1250

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

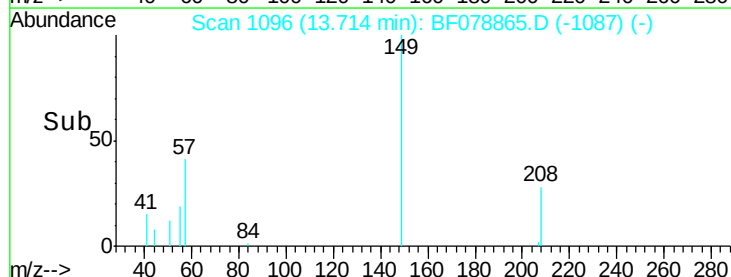
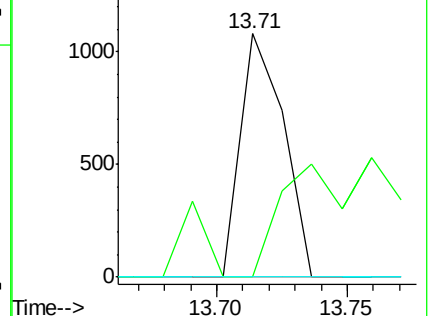
104 0.0 4.6 7.0#

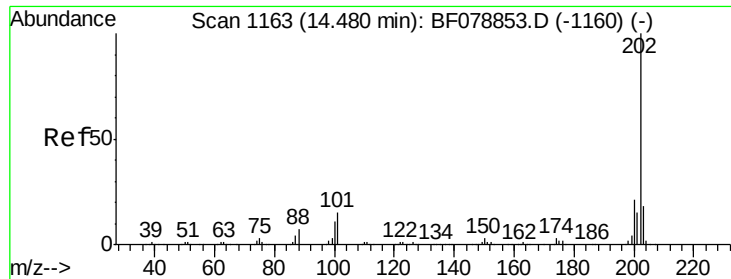


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 21.76 ng

RT: 14.48 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

Instrument :

BNA_F

ClientSampled :

SB-60S

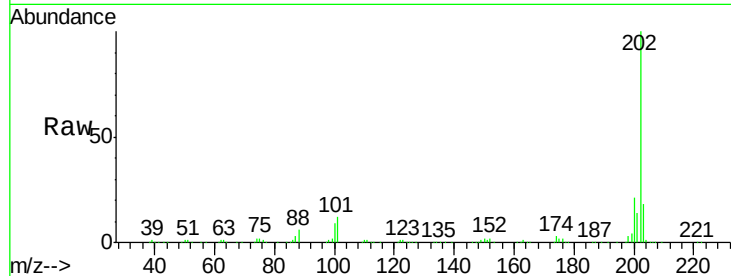
Tgt Ion:202 Resp: 380439

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.6

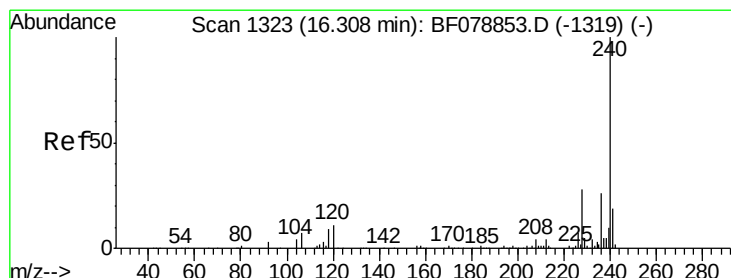
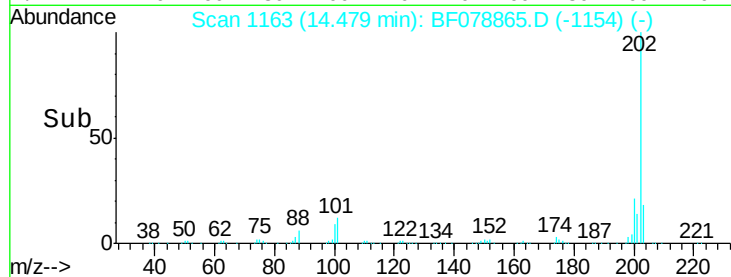
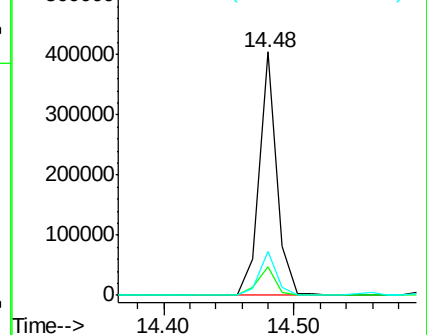
203 17.9 0.0 38.4



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: 16.26 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

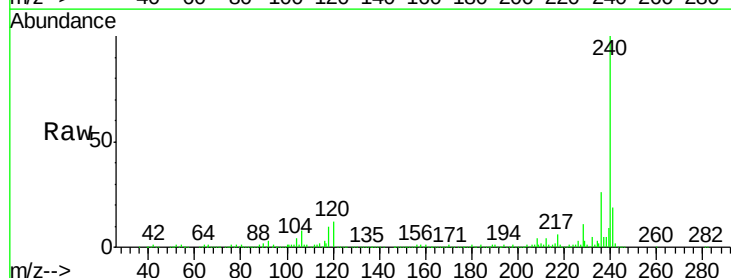
Tgt Ion:240 Resp: 314971

Ion Ratio Lower Upper

240 100

120 11.5 9.7 14.5

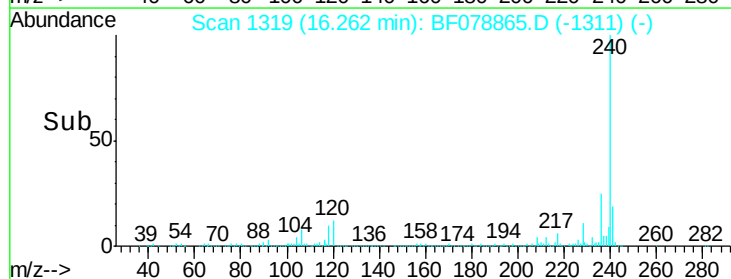
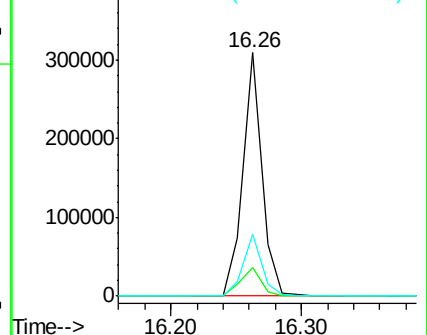
236 25.6 20.2 30.4

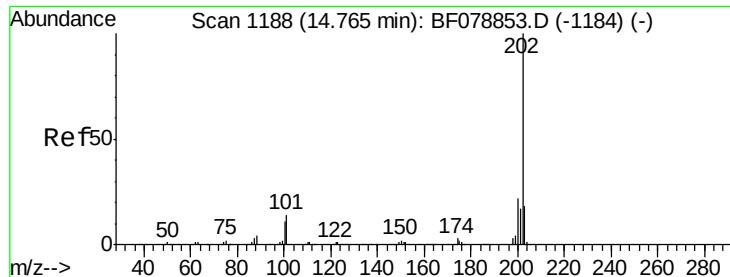


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

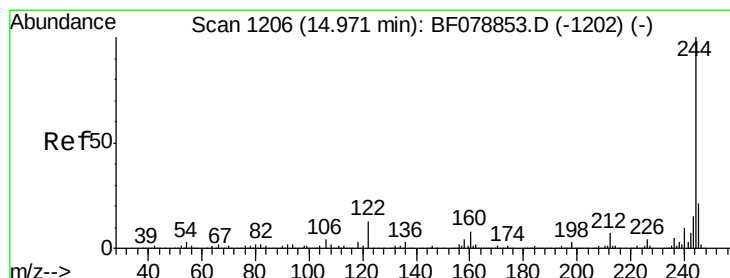
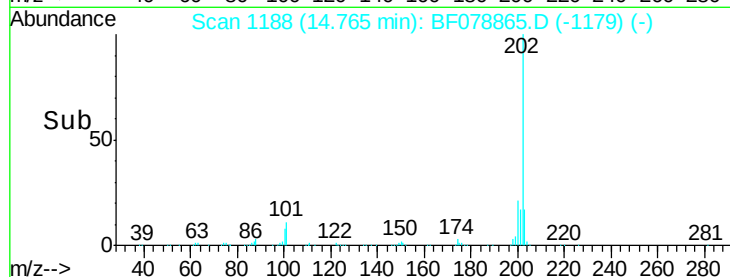
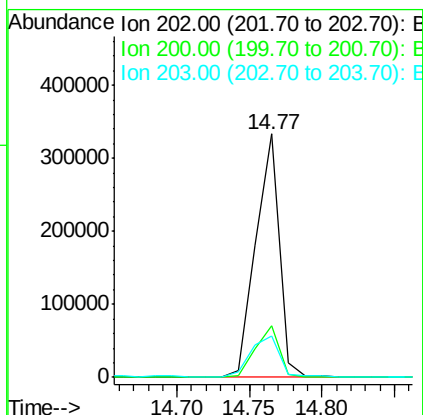
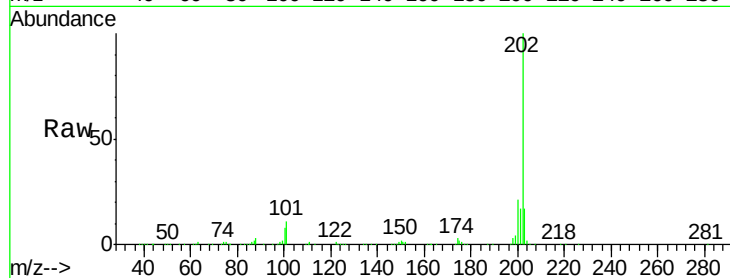




#77
 Pyrene
 Concen: 20.66 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF078865.D
 Acq: 30 Apr 2015 23:41

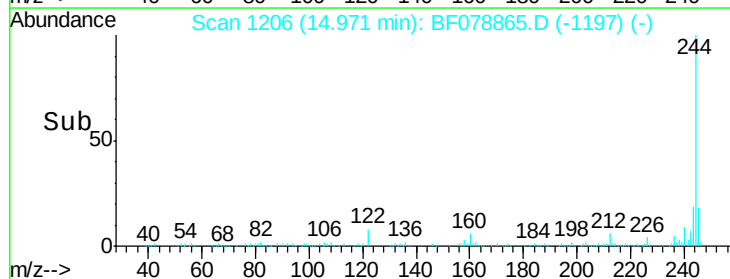
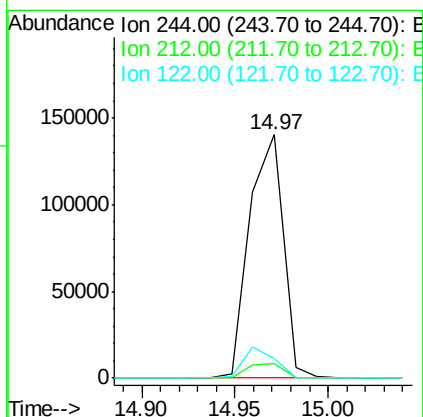
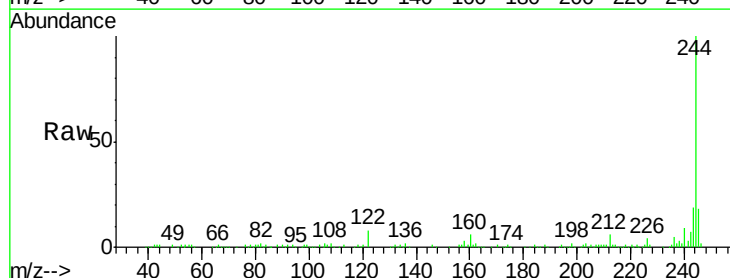
Instrument :
 BNA_F
 ClientSampleId :
 SB-60S

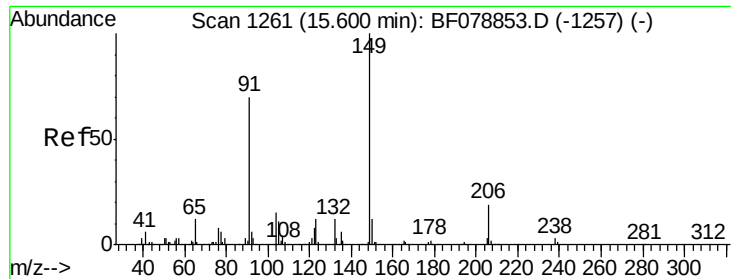
Tgt Ion: 202 Resp: 375001
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.5 26.3
 203 17.2 13.9 20.9



#78
 Terphenyl-d14
 Concen: 13.40 ng
 RT: 14.97 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF078865.D
 Acq: 30 Apr 2015 23:41

Tgt Ion: 244 Resp: 176289
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.6 8.4
 122 8.0 10.3 15.5#

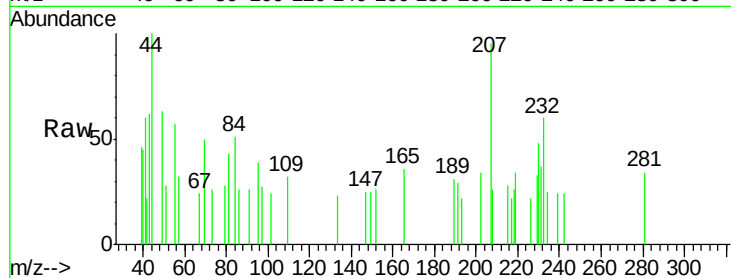




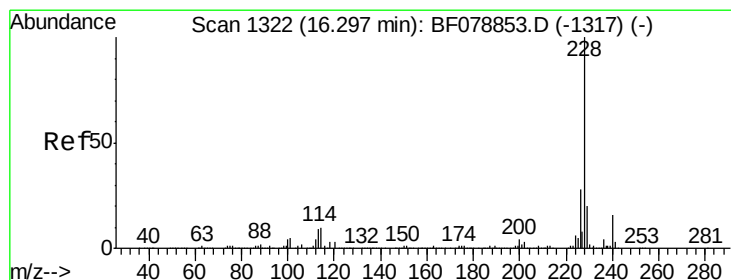
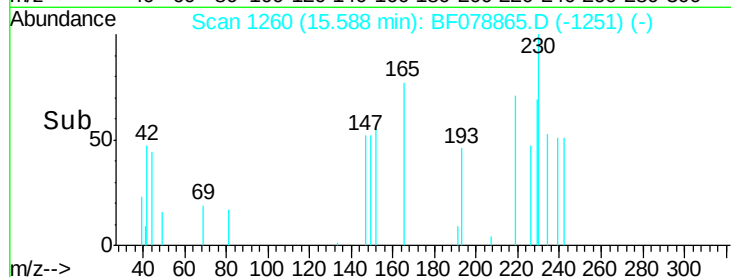
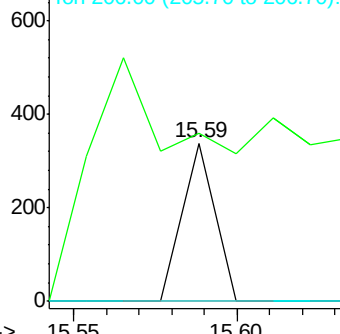
#79
Butylbenzylphthalate
Concen: 0.03 ng
RT: 15.59 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Instrument :
BNA_F
ClientSampled :
SB-60S

Tgt Ion:149 Resp: 232
Ion Ratio Lower Upper
149 100
91 105.9 64.6 97.0#
206 0.0 12.2 18.4#

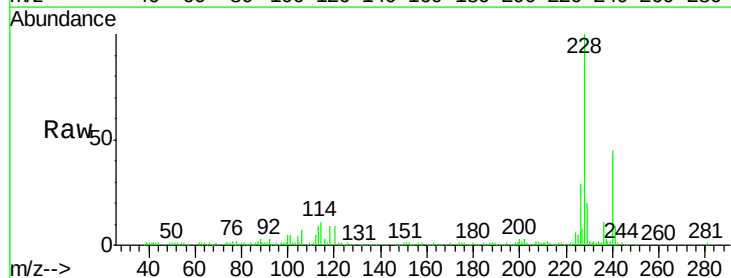


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

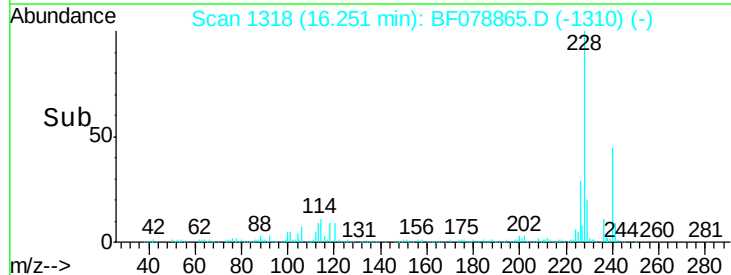
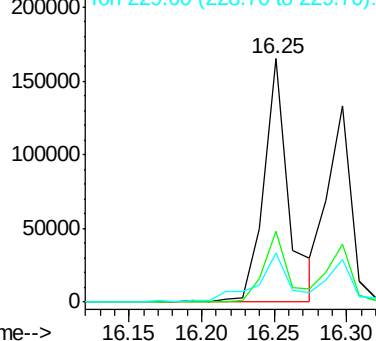


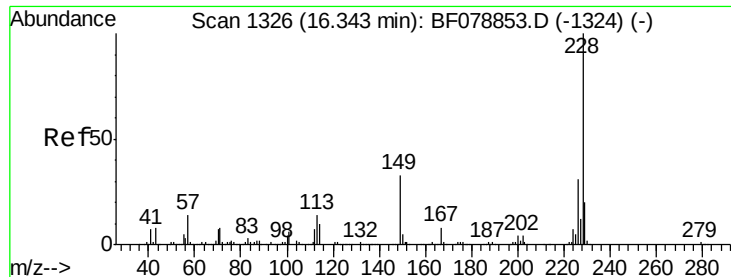
#80
Benzo(a)anthracene
Concen: 11.26 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Tgt Ion:228 Resp: 194205
Ion Ratio Lower Upper
228 100
226 28.9 22.6 33.8
229 20.3 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: 8.96 ng

RT: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

Instrument :

BNA_F

ClientSampleId :

SB-60S

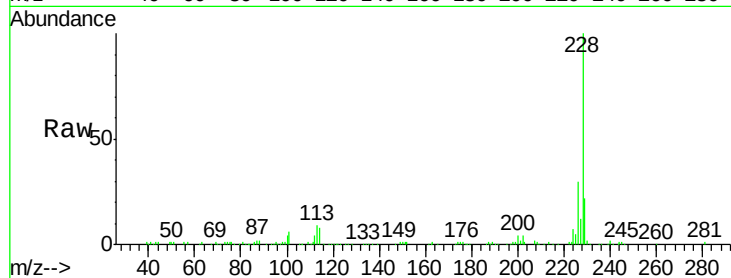
Tgt Ion:228 Resp: 148666

Ion Ratio Lower Upper

228 100

226 29.8 24.9 37.3

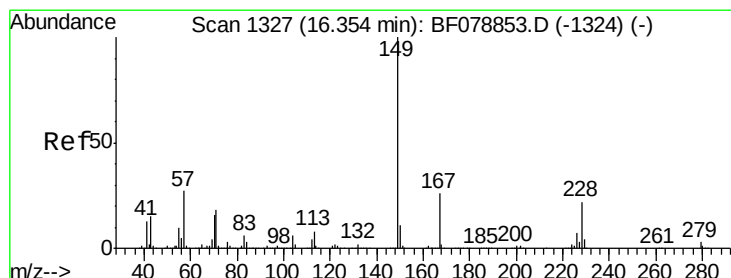
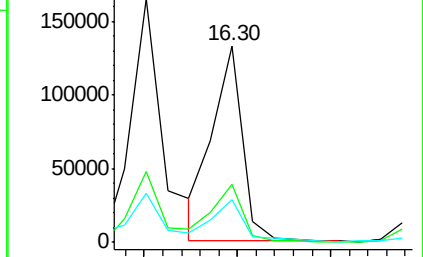
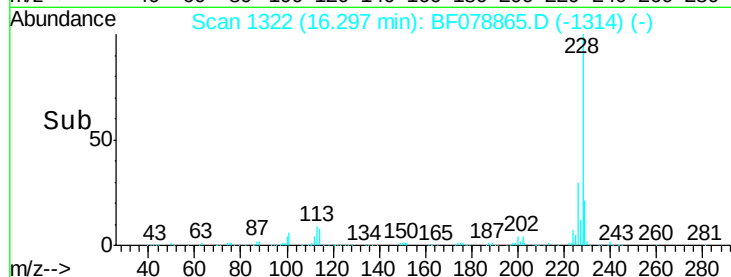
229 21.7 16.0 24.0



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: 0.22 ng

RT: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

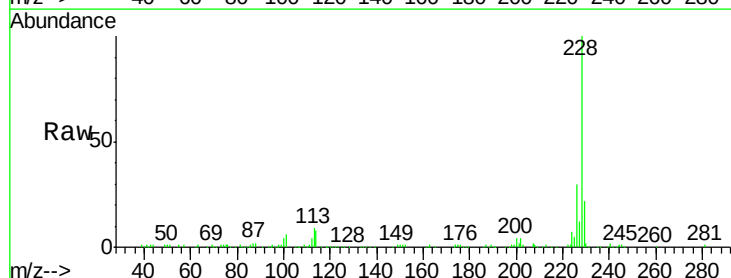
Tgt Ion:149 Resp: 2598

Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

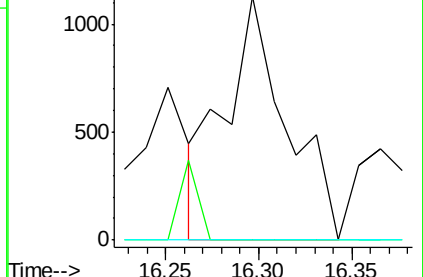
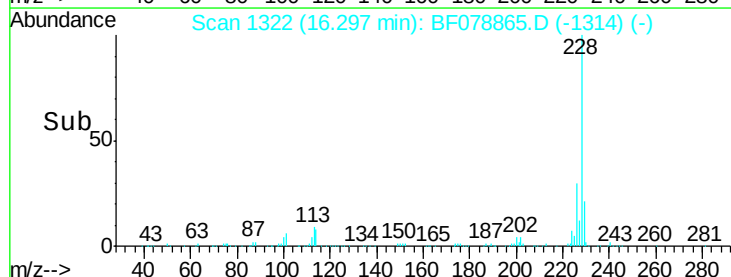
279 0.0 2.9 4.3#

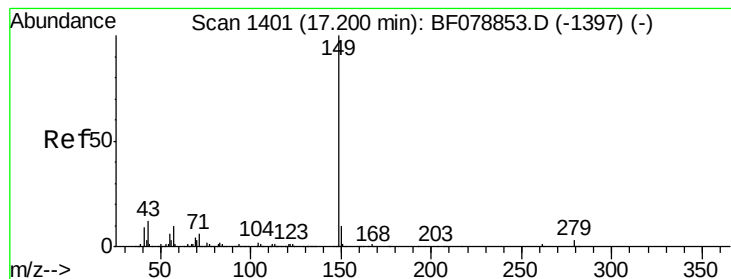


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.02 ng

RT: 17.13 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

Instrument :

BNA_F

ClientSampleId :

SB-60S

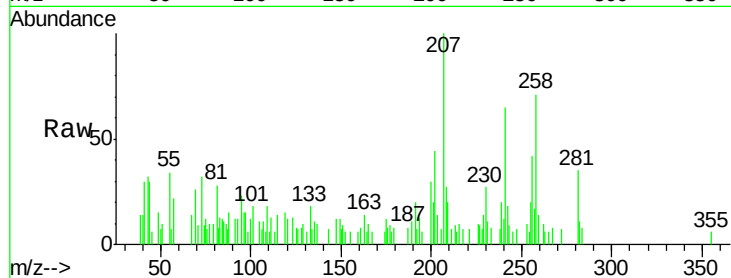
Tgt Ion:149 Resp: 334

Ion Ratio Lower Upper

149 100

167 62.9 0.0 0.0#

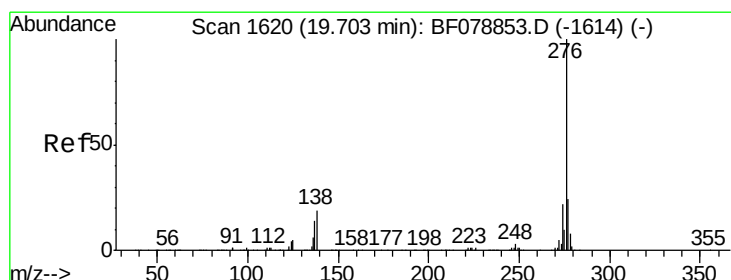
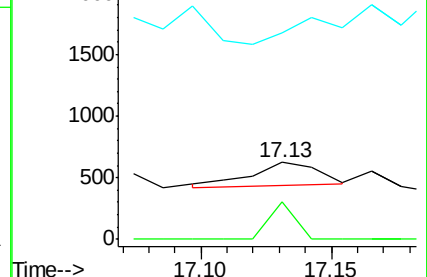
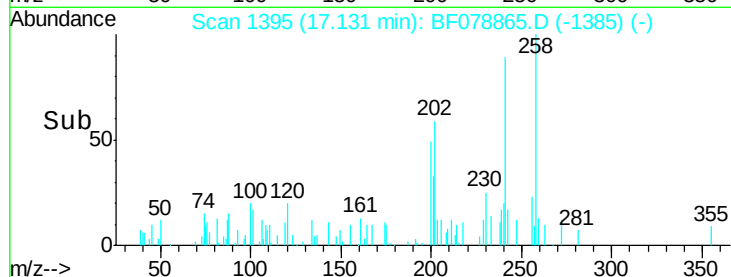
43 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.75 ng

RT: 19.47 min Scan# 1600

Delta R.T. -0.07 min

Lab File: BF078865.D

Acq: 30 Apr 2015 23:41

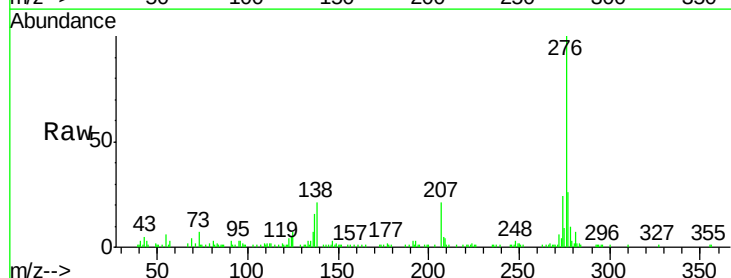
Tgt Ion:276 Resp: 100344

Ion Ratio Lower Upper

276 100

138 26.8 0.0 0.0#

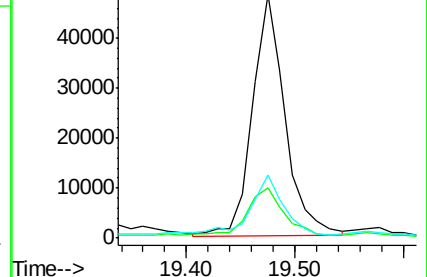
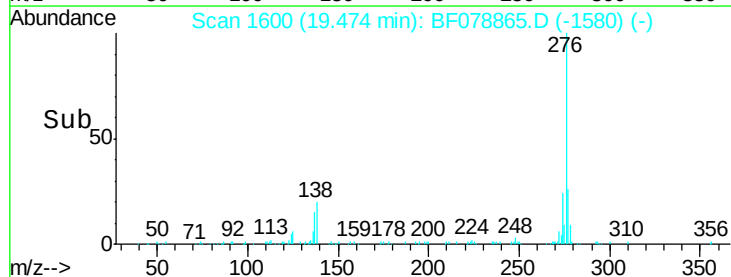
277 28.6 0.0 0.0#

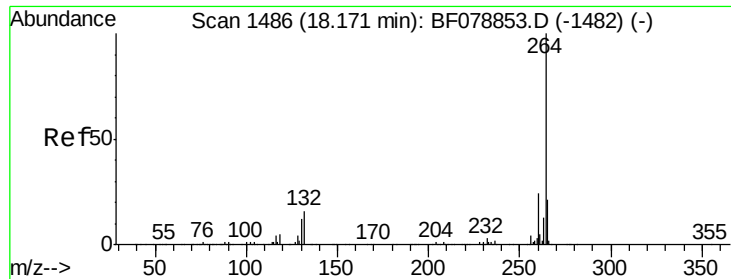


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



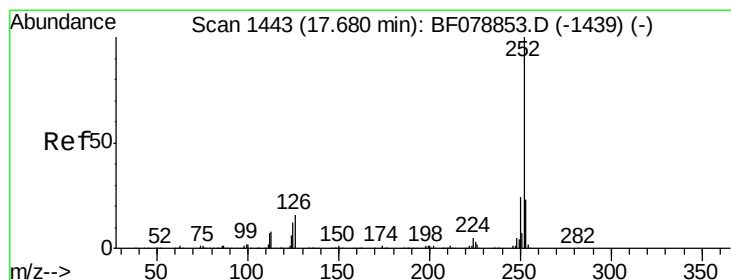
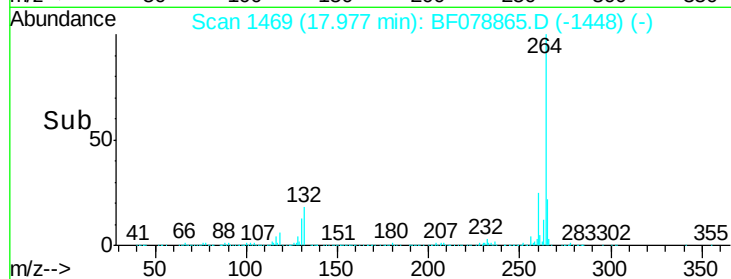
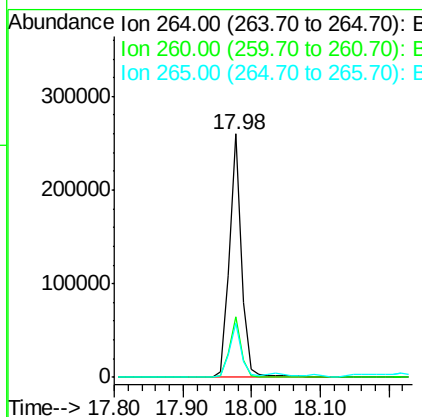
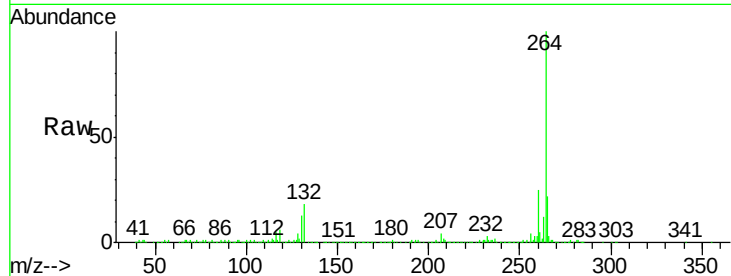


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.98 min Scan# 1469
Delta R.T. -0.06 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
SB-60S

Tgt Ion:264 Resp: 328519

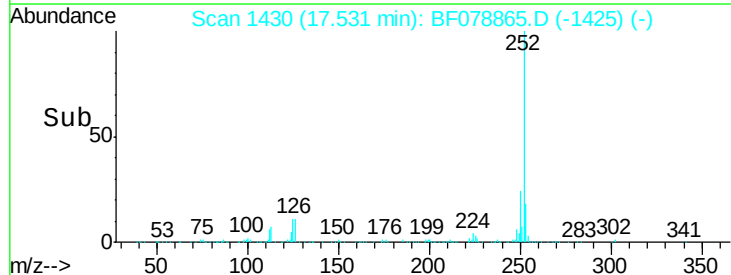
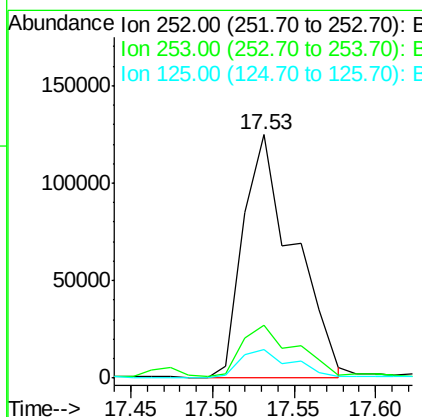
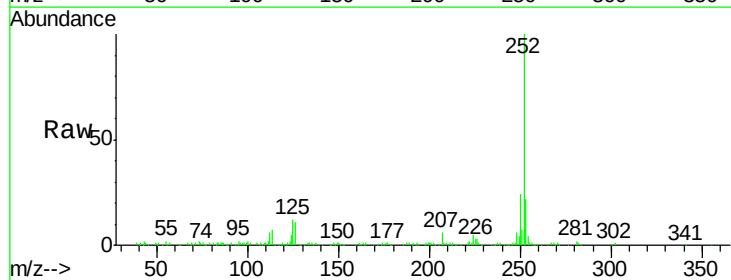
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.4	18.3	27.5

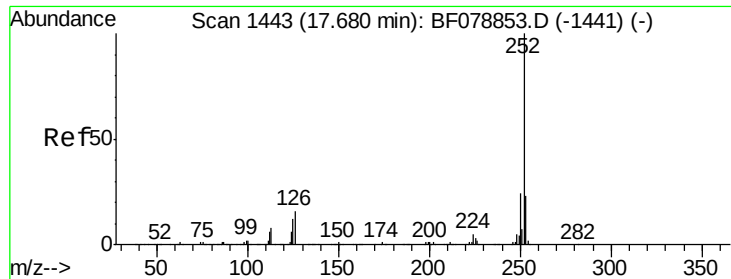


#87
Benzo(b)fluoranthene
Concen: 14.86 ng
RT: 17.53 min Scan# 1430
Delta R.T. -0.05 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Tgt Ion:252 Resp: 267275

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	11.6	9.5	14.3

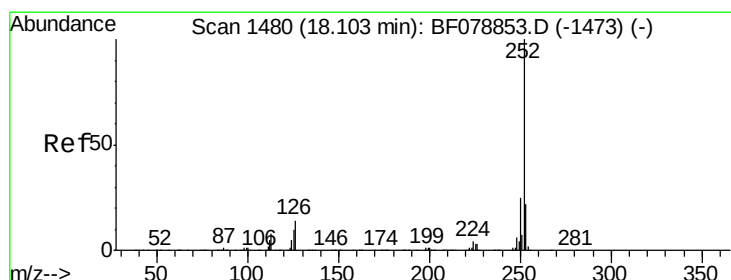
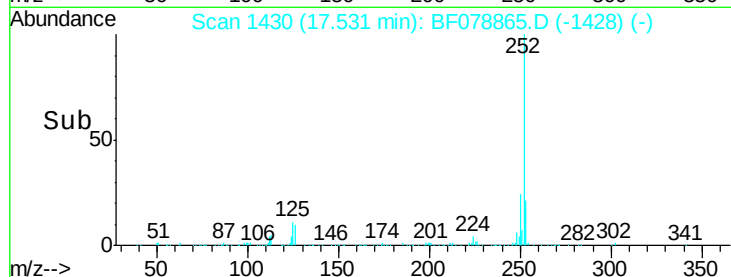
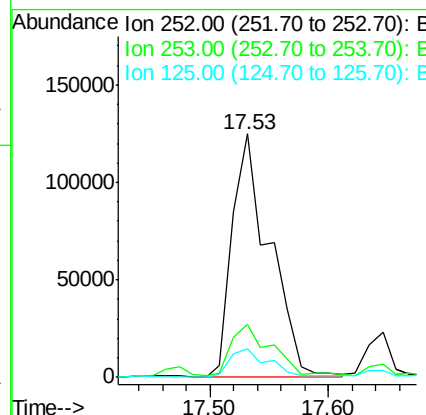
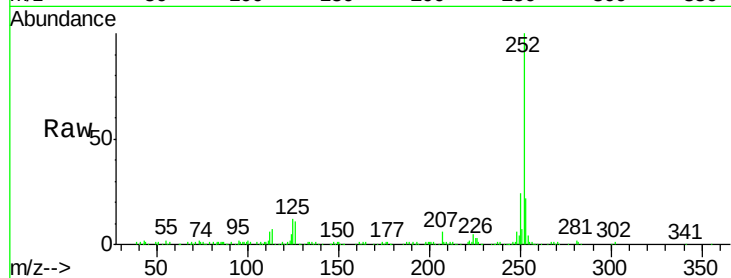




#88
Benzo(k)fluoranthene
Concen: 15.53 ng
RT: 17.53 min Scan# 1430
Delta R.T. -0.08 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

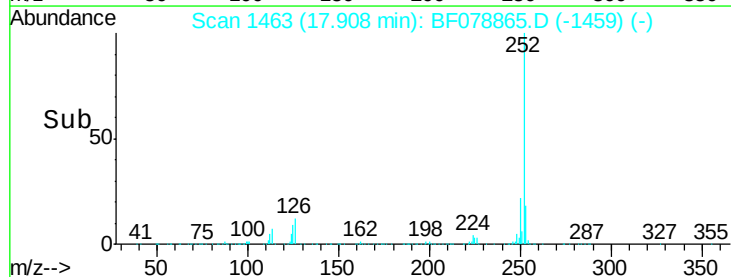
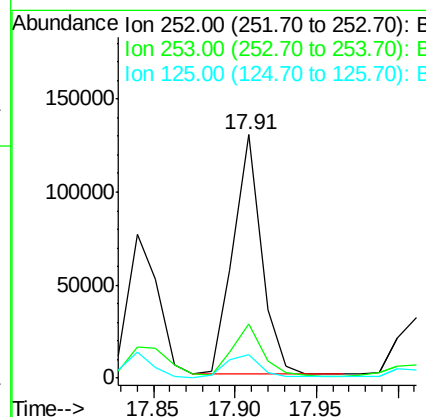
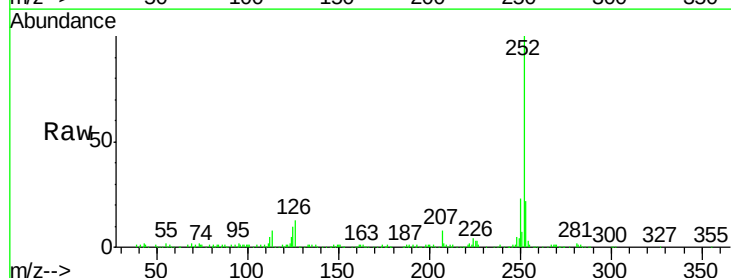
Instrument :
BNA_F
ClientSampleId :
SB-60S

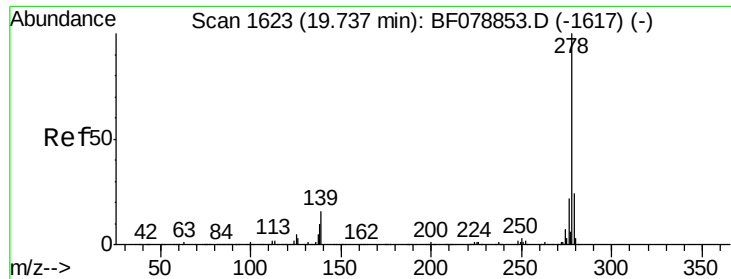
Tgt Ion:252 Resp: 270297
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 11.6 10.0 15.0



#89
Benzo(a)pyrene
Concen: 9.39 ng
RT: 17.91 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Tgt Ion:252 Resp: 155442
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.6 7.0 10.6

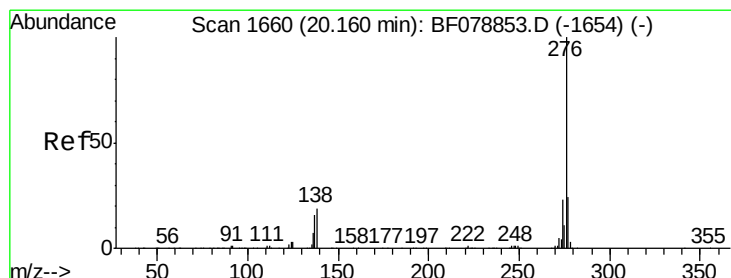
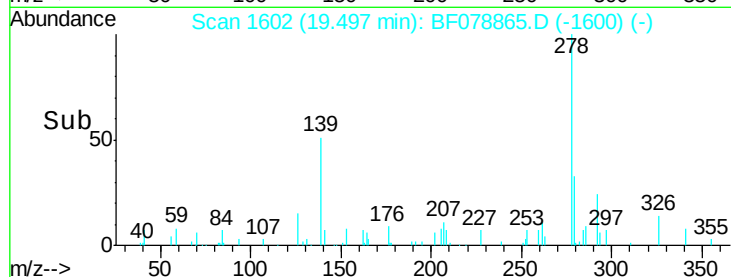
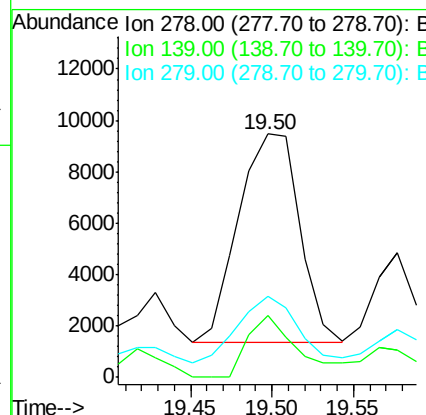
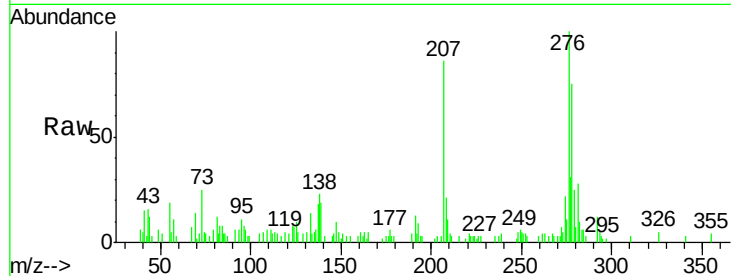




#90
Dibenzo(a,h)anthracene
Concen: 1.19 ng
RT: 19.50 min Scan# 1602
Delta R.T. -0.08 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
SB-60S

Tgt Ion: 278 Resp: 20938
Ion Ratio Lower Upper
278 100
139 25.3 12.8 19.2#
279 33.2 19.6 29.4#



#91
Benzo(g,h,i)perylene
Concen: 5.65 ng
RT: 19.92 min Scan# 1639
Delta R.T. -0.08 min
Lab File: BF078865.D
Acq: 30 Apr 2015 23:41

Tgt Ion: 276 Resp: 99710
Ion Ratio Lower Upper
276 100
277 24.6 18.6 28.0
138 21.7 17.4 26.0

