

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF102000.D
 Acq On : 11 Jan 2018 00:50
 Operator : SJ/JU
 Sample : J1076-16MS 50X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-53-01MS

Quant Time: Jan 11 01:59:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	215778	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	681413	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	375041	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	554817	20.00	ng	0.00
75) Chrysene-d12	13.89	240	303775	20.00	ng	0.00
86) Perylene-d12	15.30	264	392883	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	5367	0.35	ng	0.00
7) Phenol-d6	6.35	99	6360	0.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	3816	0.33	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	815	0.25	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	8043	0.34	ng	-0.01
78) Terphenyl-d14	12.83	244	7490	0.51	ng	0.00

Target Compounds

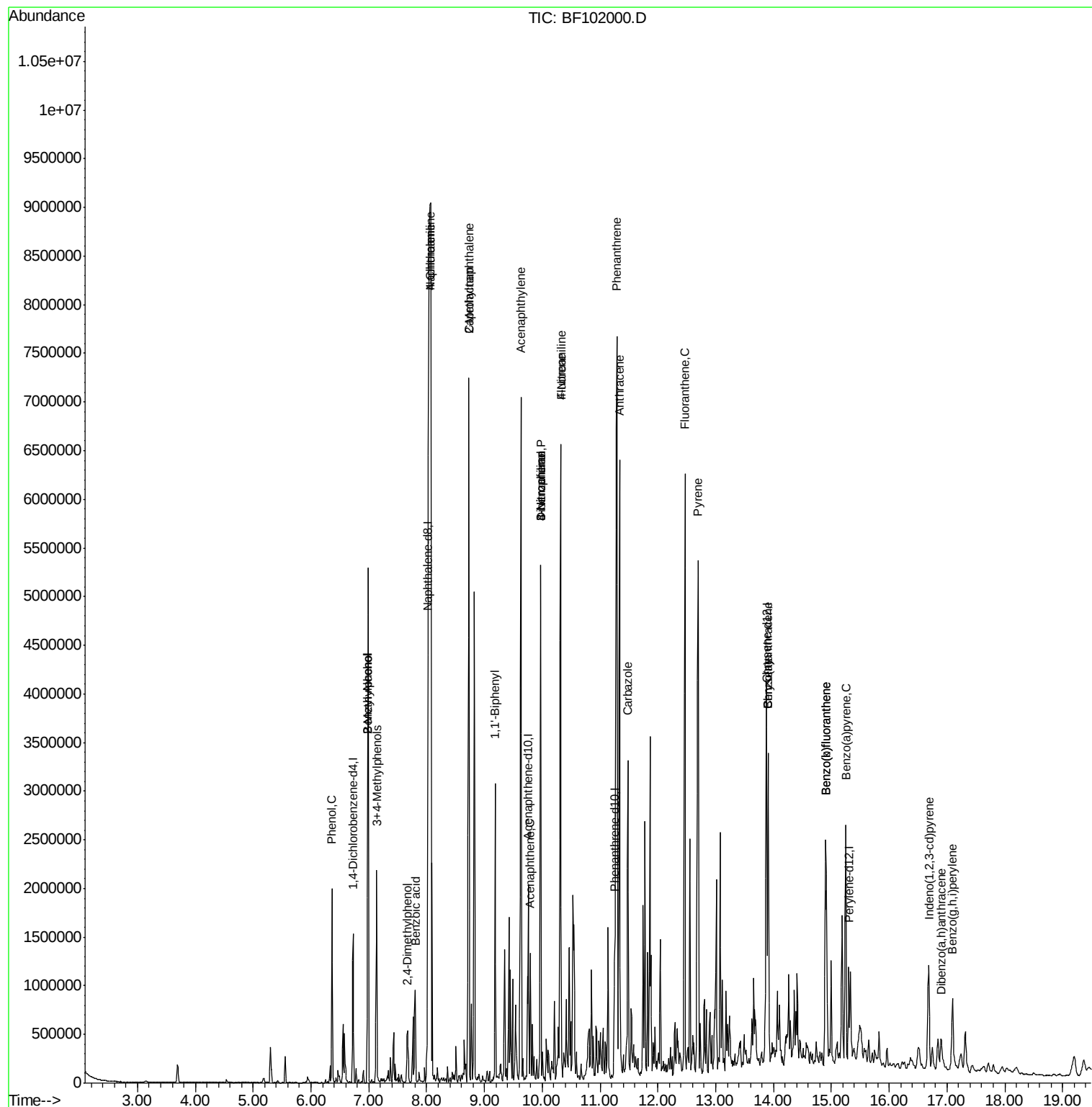
						Qvalue
10) Phenol	6.36	94	598322	29.039	ng	99
15) Benzyl Alcohol	6.97	79	72940	5.469	ng	# 1
17) 2-Methylphenol	6.97	107	172254	12.459	ng	99
20) 3+4-Methylphenols	7.13	107	534659	32.209	ng	87
27) 2,4-Dimethylphenol	7.67	122	153413	15.751	ng	96
31) Naphthalene	8.06	128	11563113	339.601	ng	97
32) Benzoic acid	7.80	122	132905	17.995	ng	# 15
33) 4-Chloroaniline	8.06	127	1704599	117.294	ng	# 35
35) Caprolactam	8.73	113	57030	17.963	ng	# 1
37) 2-Methylnaphthalene	8.73	142	2548534	113.695	ng	98
45) 1,1'-Biphenyl	9.19	154	833292	25.137	ng	99
48) Acenaphthylene	9.63	152	3751523	91.960	ng	97
51) Acenaphthene	9.79	154	226348	9.141	ng	98
52) 3-Nitroaniline	9.97	138	40007	5.275	ng	# 10
54) Dibenzofuran	9.97	168	2296696	67.584	ng	97
55) 4-Nitrophenol	9.97	139	905868	160.265	ng	# 10
57) Fluorene	10.32	166	2350727	100.065	ng	100
61) 4-Nitroaniline	10.32	138	27815	3.864	ng	# 23
70) Phenanthrene	11.29	178	5606294	172.987	ng	99
71) Anthracene	11.34	178	2920582	88.857	ng	99
72) Carbazole	11.48	167	1279863	39.616	ng	99
74) Fluoranthene	12.47	202	3537540	110.944	ng	99
77) Pyrene	12.70	202	2752440	102.505	ng	99
80) Benzo(a)anthracene	13.91	228	1220798	62.987	ng	92
82) Chrysene	13.91	228	1220798	60.406	ng	97
85) Indeno(1,2,3-cd)pyrene	16.68	276	650441	44.219	ng	98
87) Benzo(b)fluoranthene	14.90	252	2014470	78.637	ng	# 95
88) Benzo(k)fluoranthene	14.90	252	2014470	81.517	ng	98
89) Benzo(a)pyrene	15.25	252	1203068	52.189	ng	95
90) Dibenzo(a,h)anthracene	16.90	278	175461	9.538	ng	95
91) Benzo(g,h,i)perylene	17.10	276	547777	29.560	ng	96

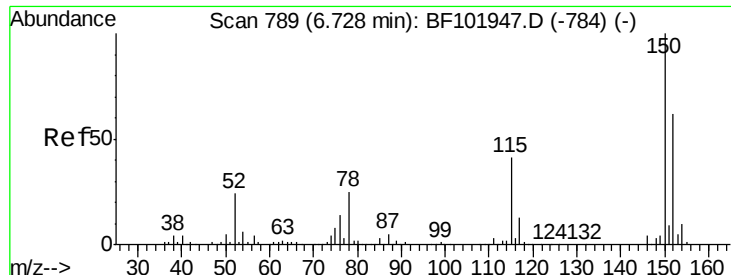
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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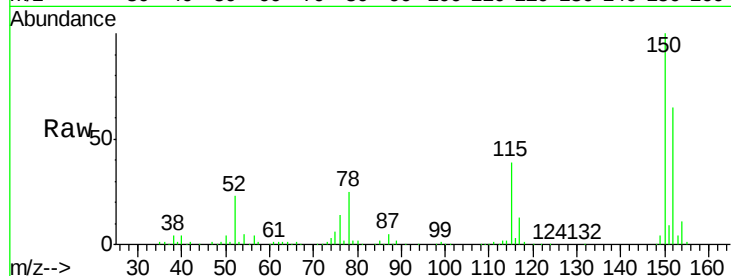


#1

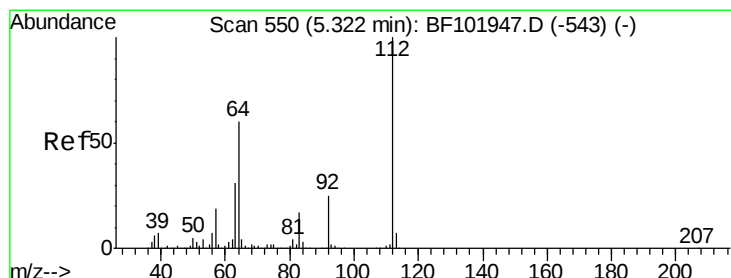
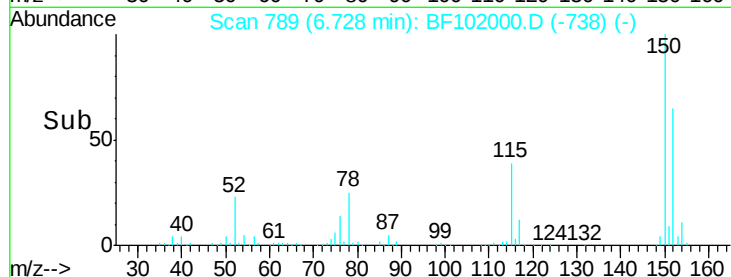
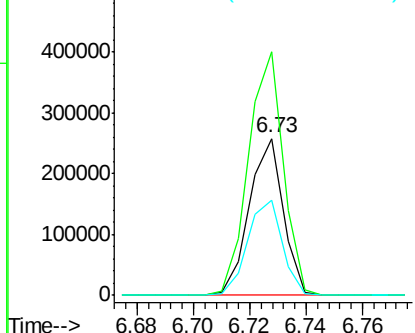
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-53-01MS

Tot Ion:152 Resp: 215778
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 60.9 50.1 75.1



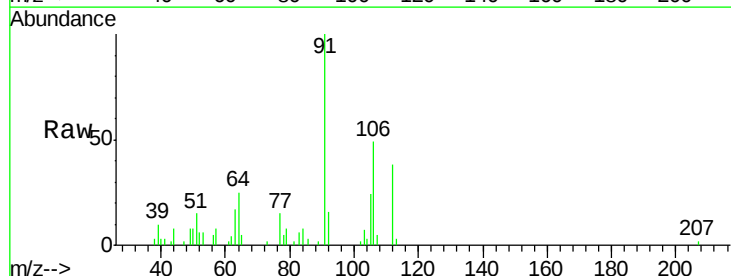
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



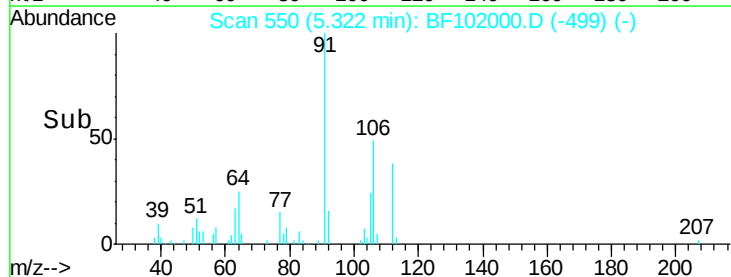
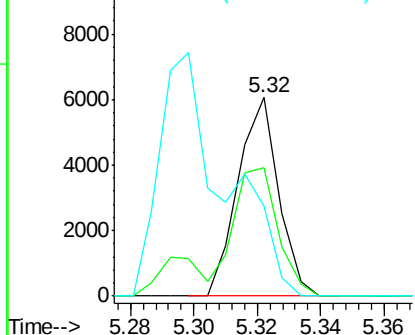
#5

2-Fluorophenol
 Concen: 0.351 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Tgt Ion:112 Resp: 5367
 Ion Ratio Lower Upper
 112 100
 64 64.8 47.9 71.9
 63 45.5 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.349 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

WC-53-01MS

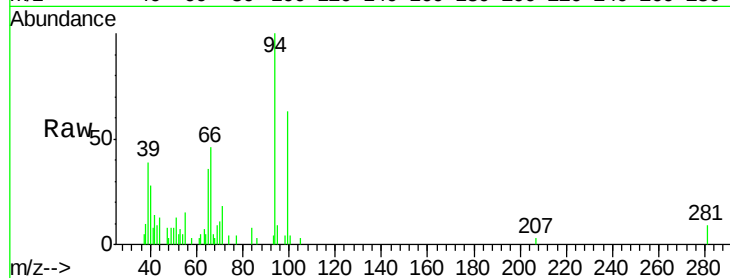
Tot Ion: 99 Resp: 6360

Ion Ratio Lower Upper

99 100

42 22.5 14.5 21.7#

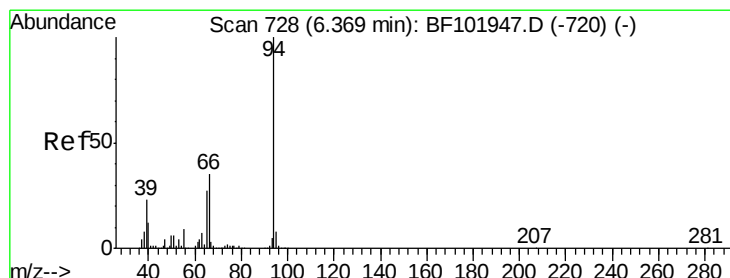
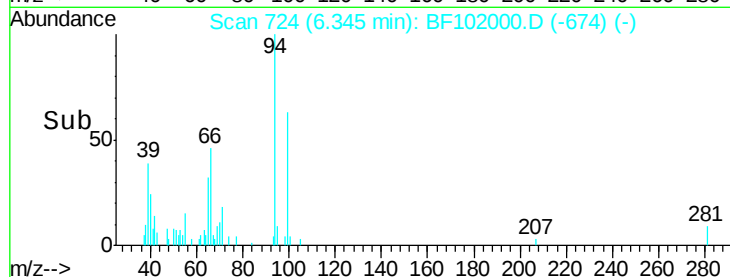
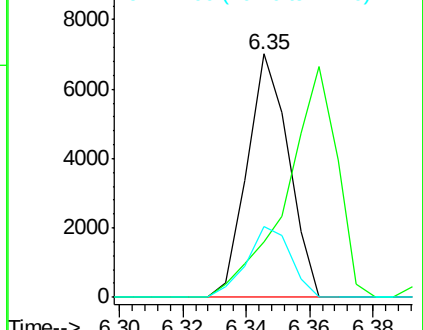
71 29.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 29.039 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

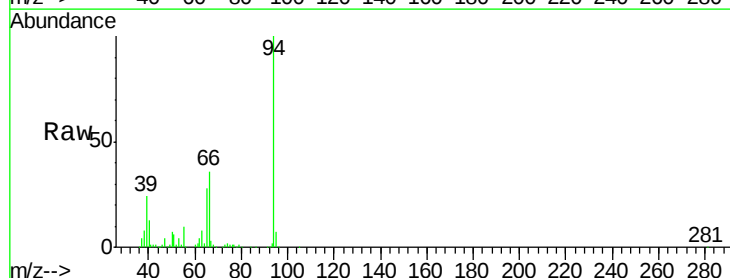
Tgt Ion: 94 Resp: 598322

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

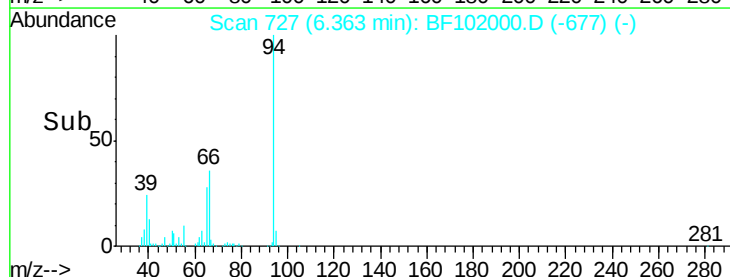
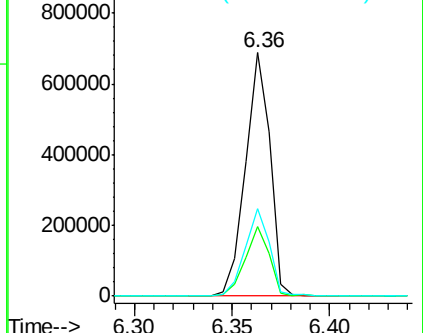
66 35.7 16.2 56.2

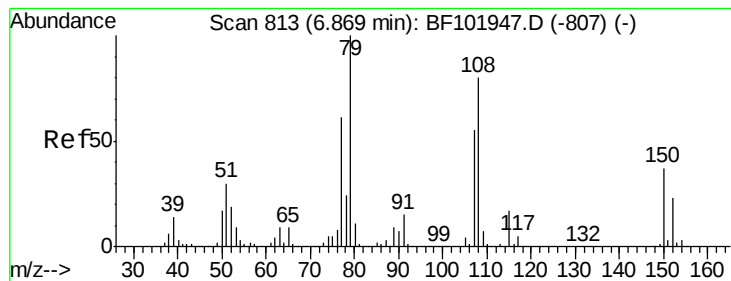


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 5.469 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.11 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

WC-53-01MS

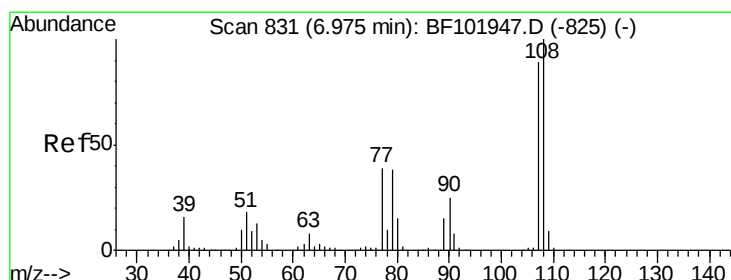
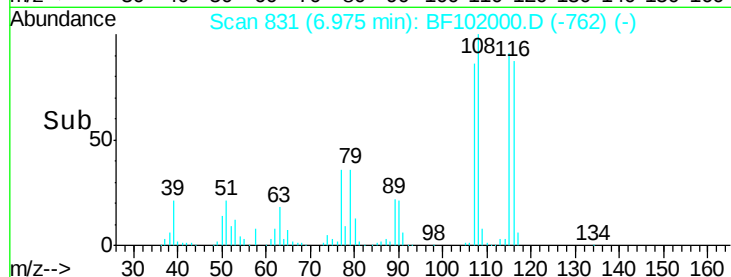
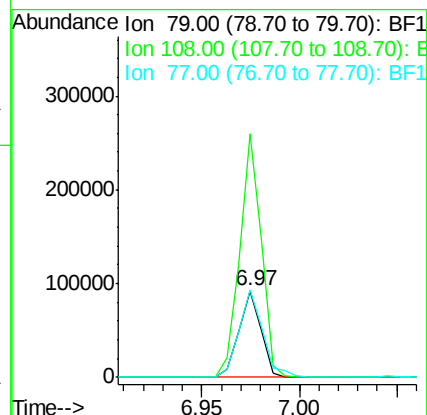
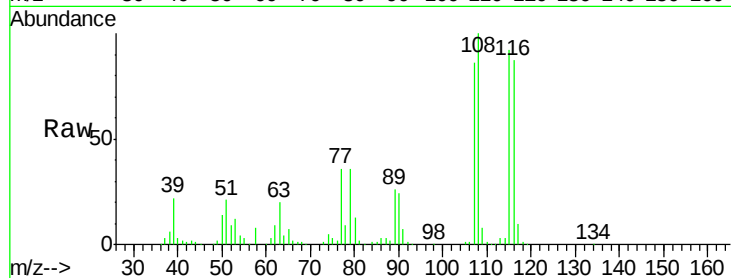
Tot Ion: 79 Resp: 72940

Ion Ratio Lower Upper

79 100

108 280.6 65.1 97.7#

77 100.9 50.6 75.8#



#17

2-Methylphenol

Concen: 12.459 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Tgt Ion: 107 Resp: 172254

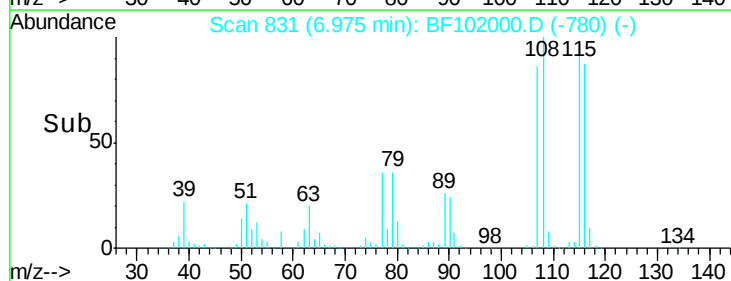
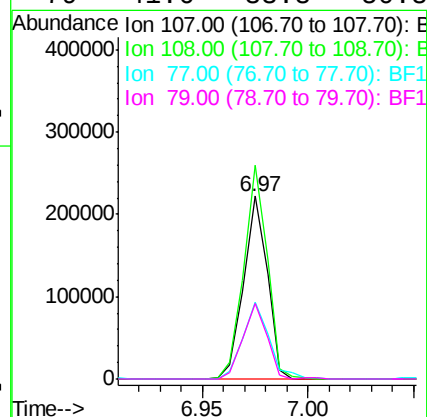
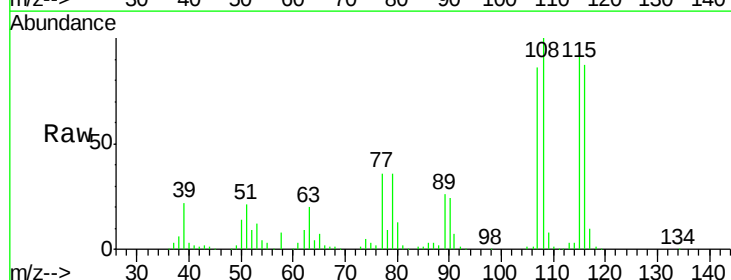
Ion Ratio Lower Upper

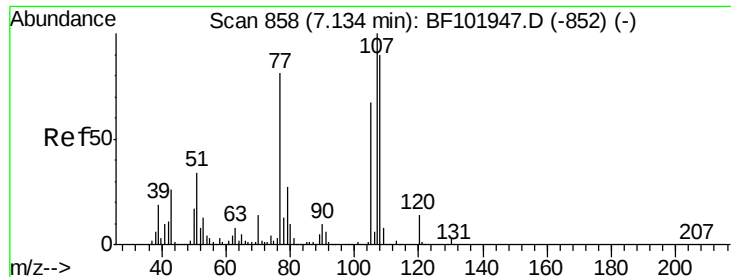
107 100

108 116.7 91.7 137.5

77 42.0 33.8 50.8

79 41.6 33.8 50.8

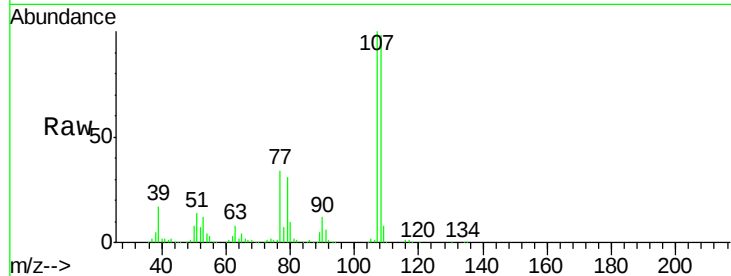




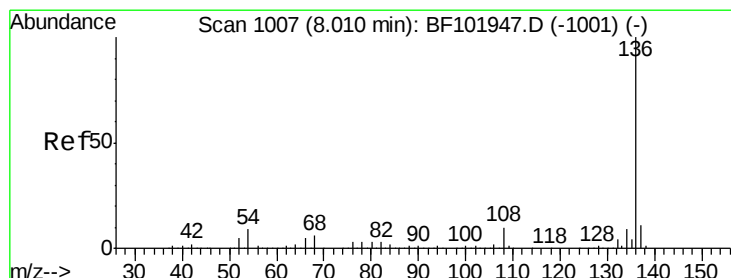
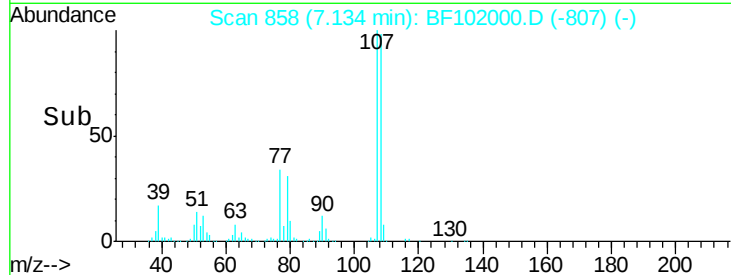
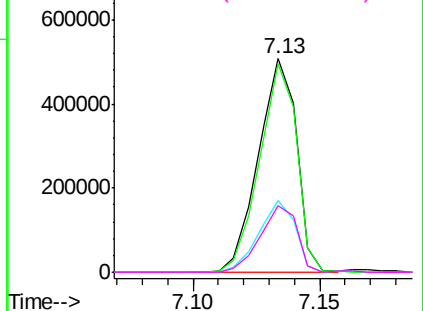
#20
3+4-Methylphenols
Concen: 32.209 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

Tot Ion:	107	Resp:	534659
Ion	Ratio	Lower	Upper
107	100		
108	98.0	68.2	108.2
77	33.5	26.7	66.7
79	30.9	6.3	46.3

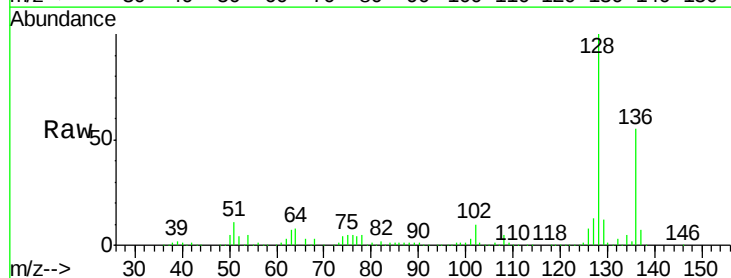


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

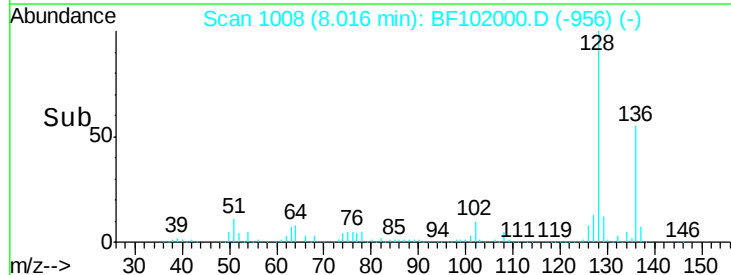
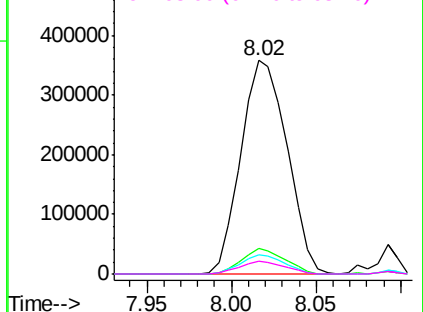


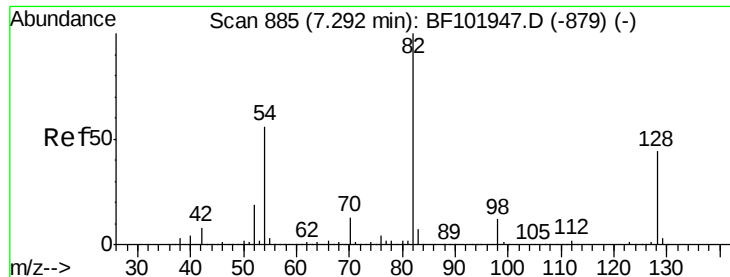
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion:	136	Resp:	681413
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	8.8	6.6	9.8
68	6.0	5.0	7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

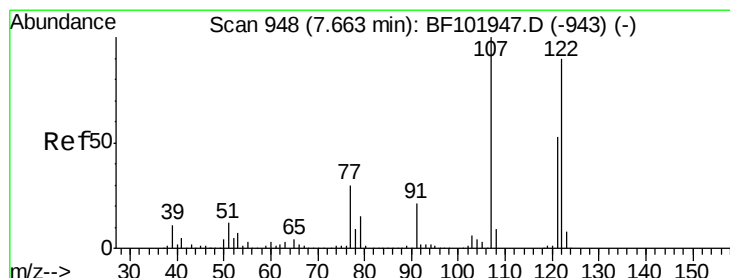
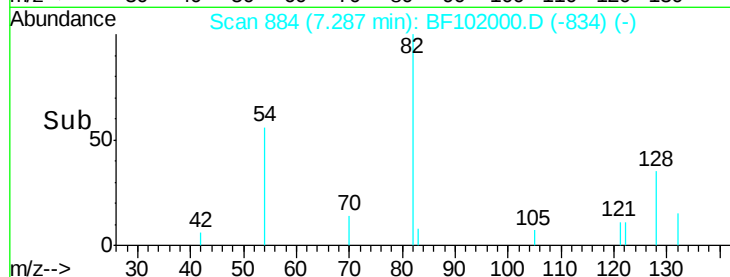
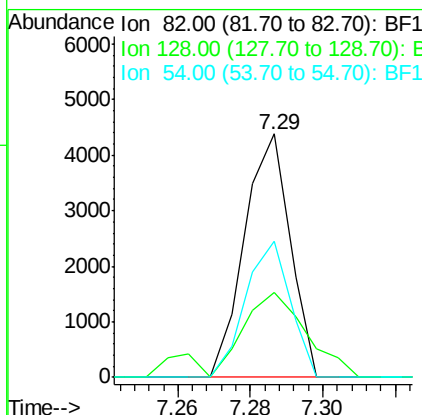
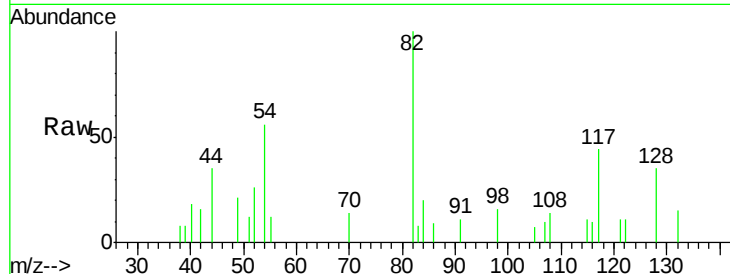




#23
Nitrobenzene-d5
Concen: 0.329 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

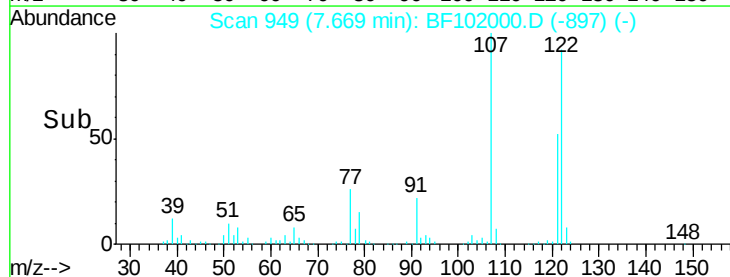
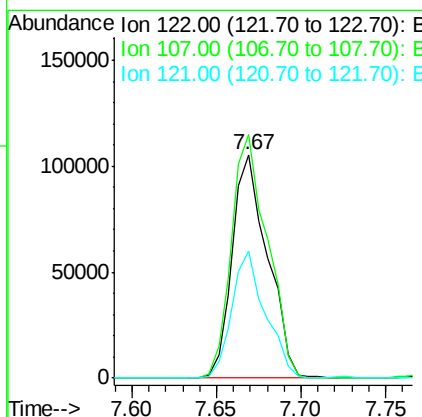
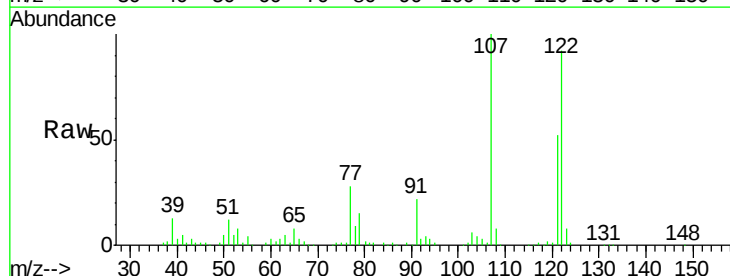
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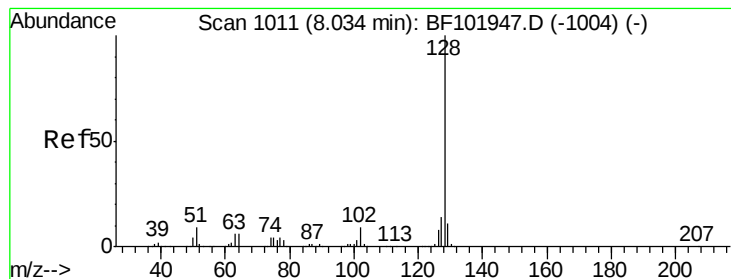
Tot Ion: 82 Resp: 3816
Ion Ratio Lower Upper
82 100
128 35.0 36.1 54.1#
54 55.7 41.4 62.2



#27
2,4-Dimethylphenol
Concen: 15.751 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion:122 Resp: 153413
Ion Ratio Lower Upper
122 100
107 108.9 91.2 136.8
121 56.6 47.2 70.8





#31

Naphthalene

Concen: 339.601 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.02 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

WC-53-01MS

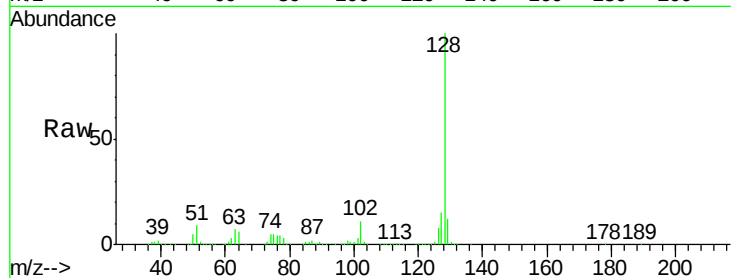
Tot Ion:128 Resp:11563113

Ion Ratio Lower Upper

128 100

129 12.2 8.8 13.2

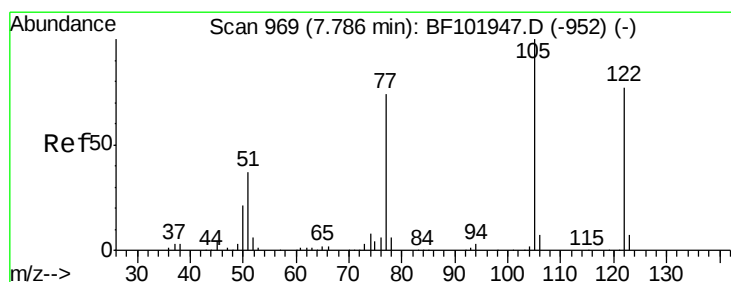
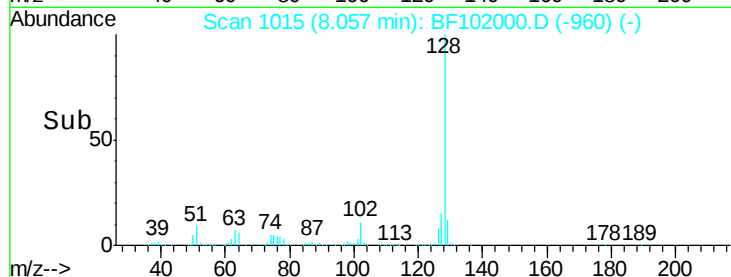
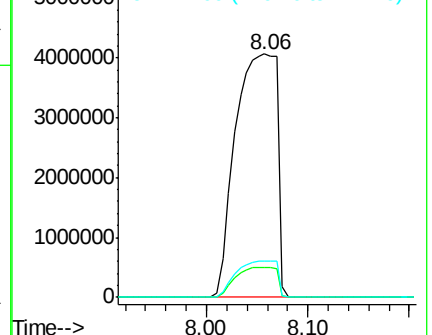
127 15.1 10.9 16.3



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: 17.995 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

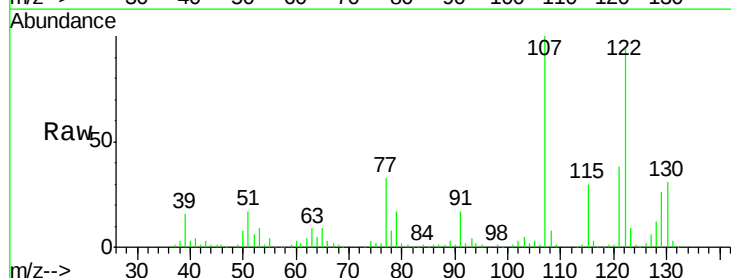
Tgt Ion:122 Resp: 132905

Ion Ratio Lower Upper

122 100

105 3.2 101.1 141.1#

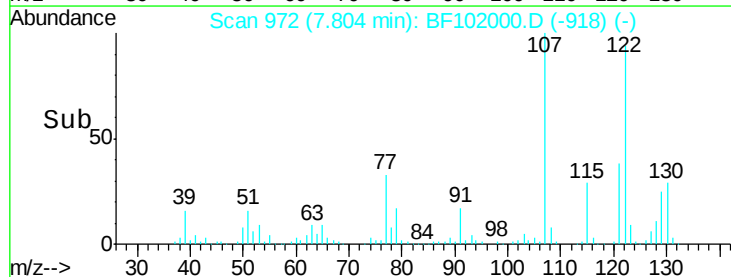
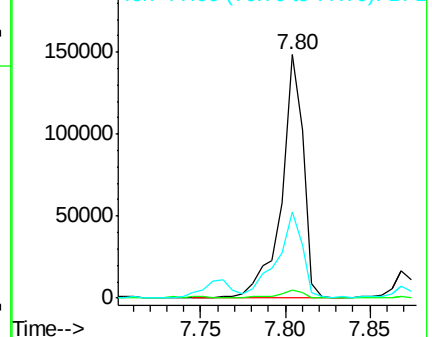
77 35.5 70.7 110.7#

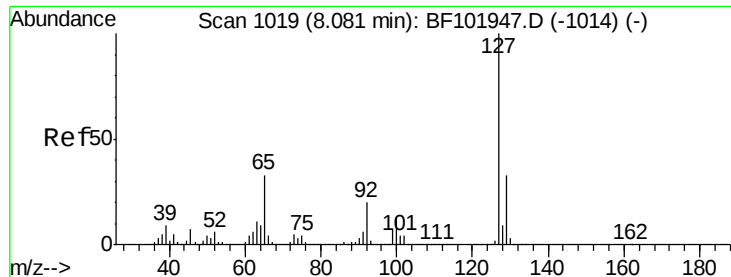


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

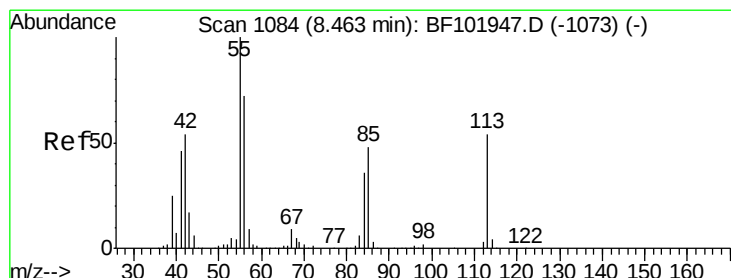
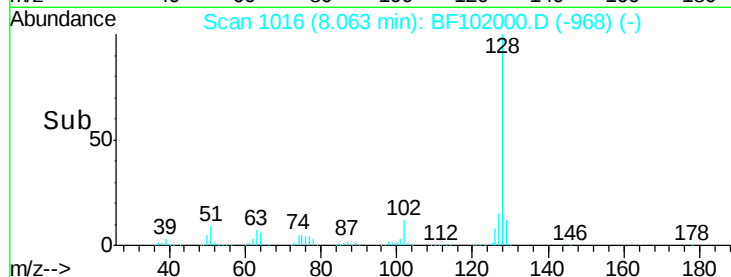
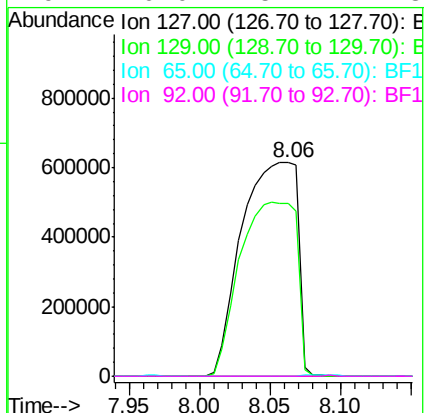
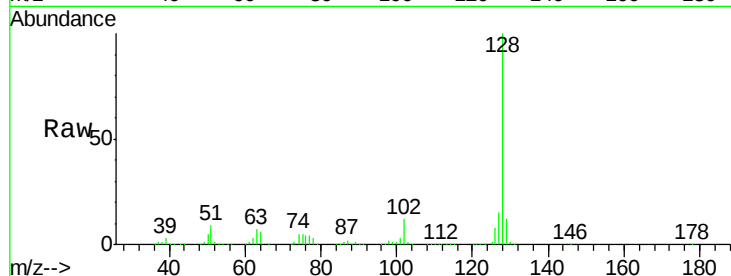




#33
4-Chloroaniline
Concen: 117.294 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

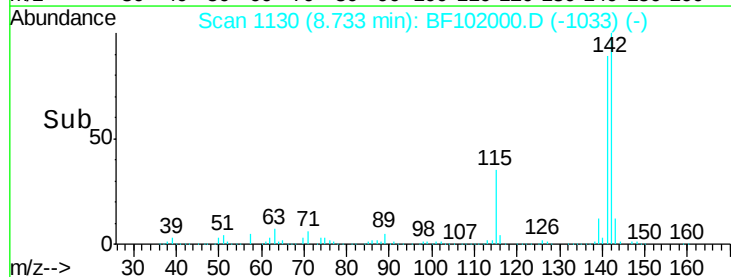
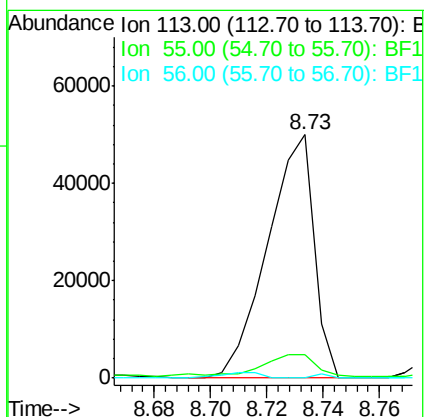
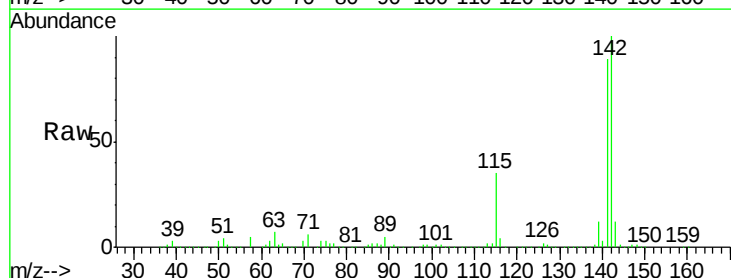
Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

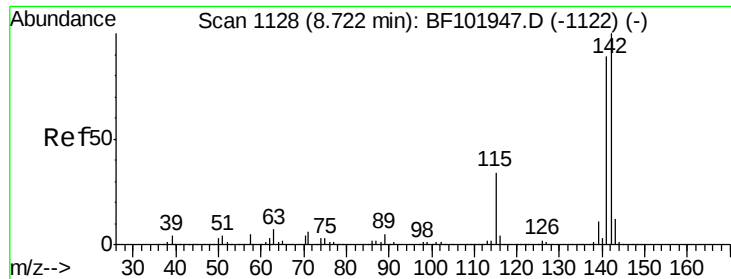
Tot Ion:127 Resp: 1704599
Ion Ratio Lower Upper
127 100
129 81.0 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



#35
Caprolactam
Concen: 17.963 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.27 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion:113 Resp: 57030
Ion Ratio Lower Upper
113 100
55 9.4 163.3 203.3#
56 0.0 115.7 155.7#

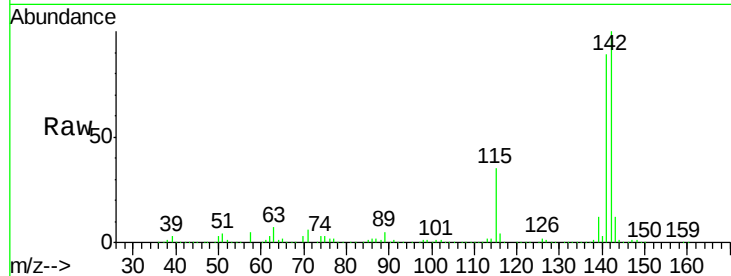




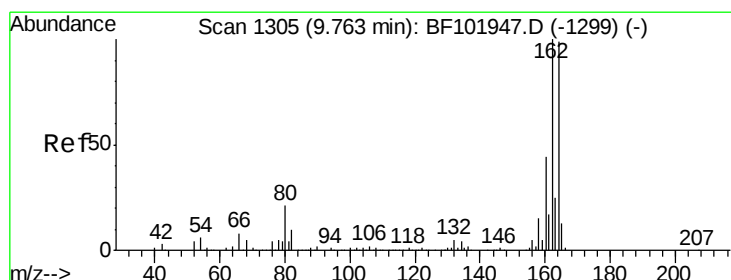
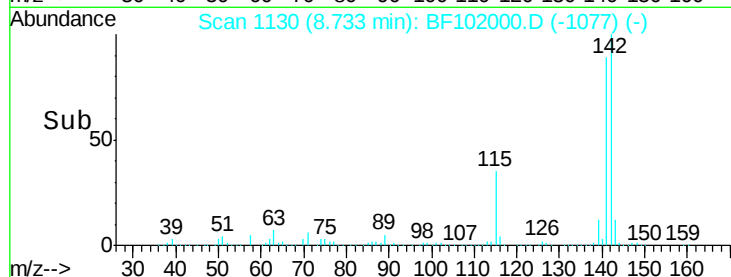
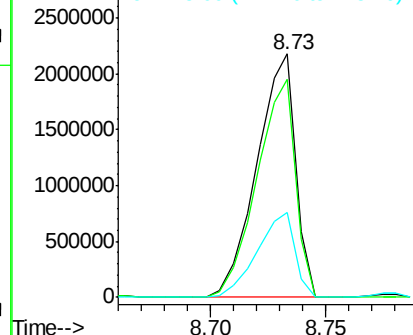
#37
2-Methylnaphthalene
Concen: 113.695 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

Tot Ion:142 Resp: 2548534
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2
115 35.1 26.1 39.1

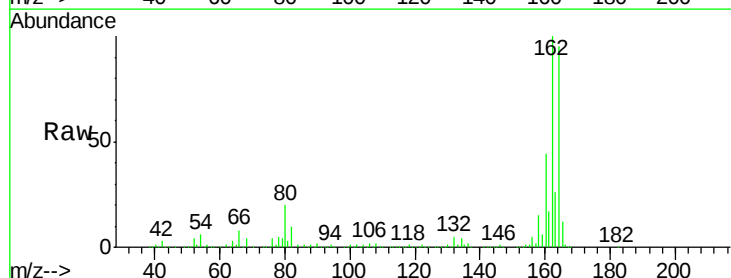


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

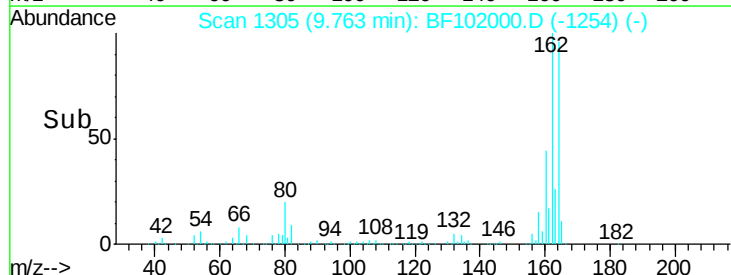
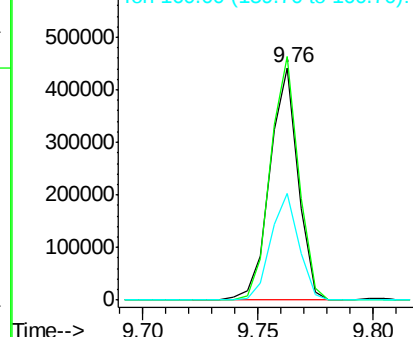


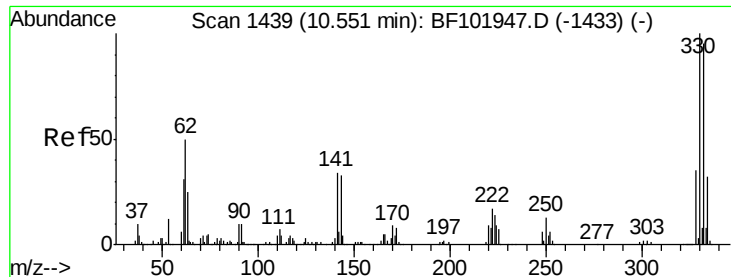
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion:164 Resp: 375041
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 45.8 38.3 57.5



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

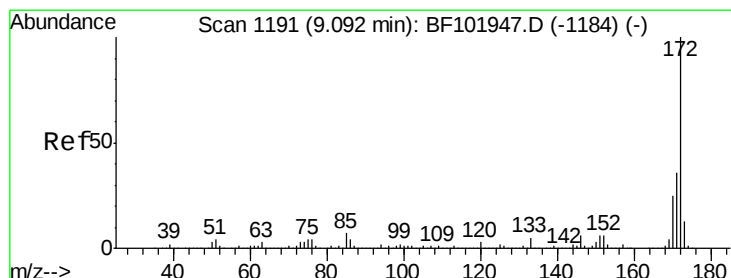
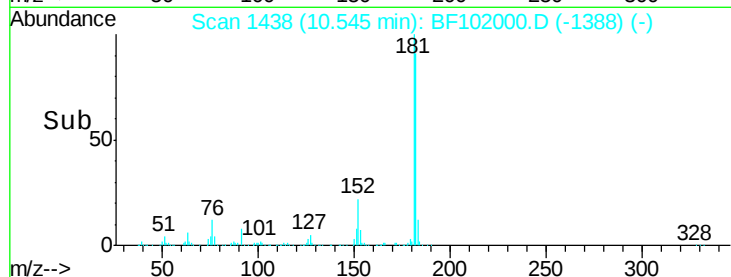
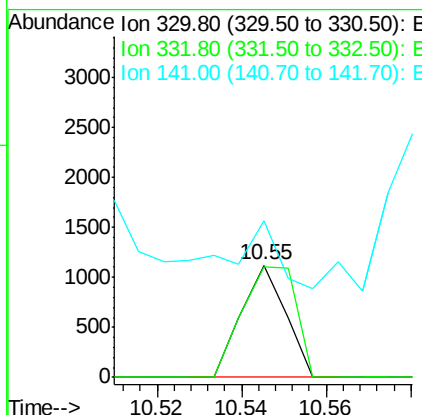
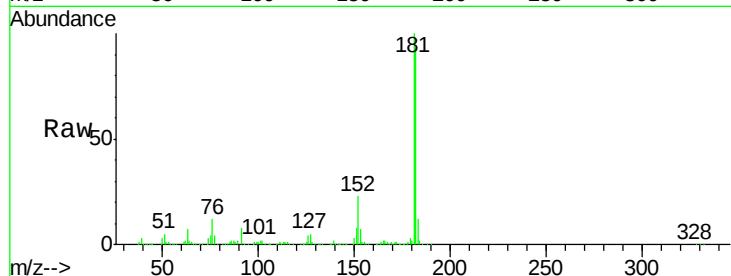




#41
 2,4,6-Tribromophenol
 Concen: 0.249 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

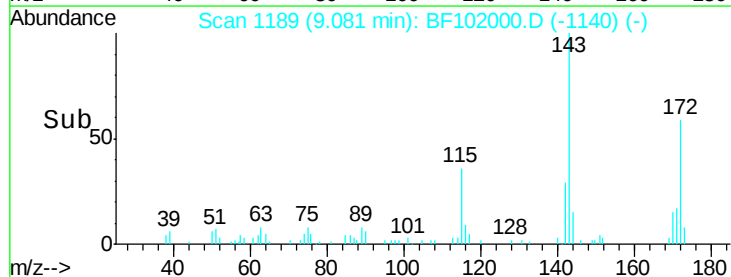
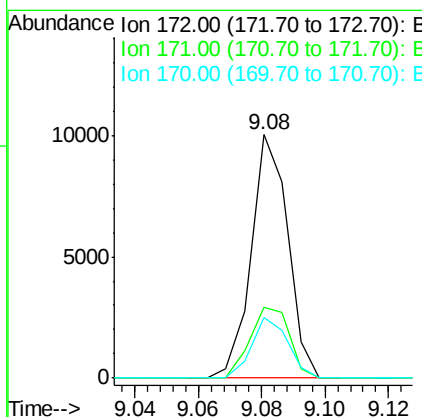
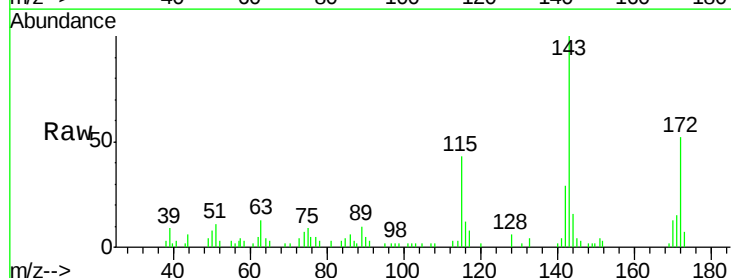
Instrument :
 BNA_F
 ClientSampleId :
 WC-53-01MS

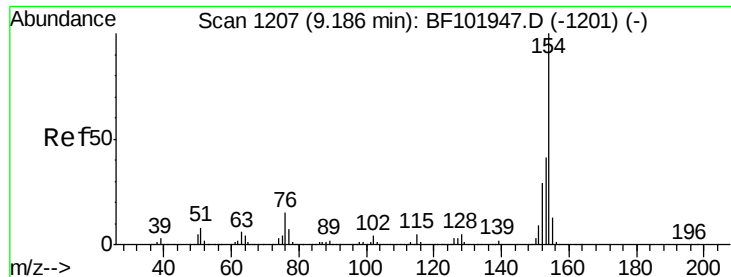
Tot Ion:330 Resp: 815
 Ion Ratio Lower Upper
 330 100
 332 120.4 77.0 115.6#
 141 0.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 0.335 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Tgt Ion:172 Resp: 8043
 Ion Ratio Lower Upper
 172 100
 171 29.3 29.7 44.5#
 170 25.0 19.6 29.4

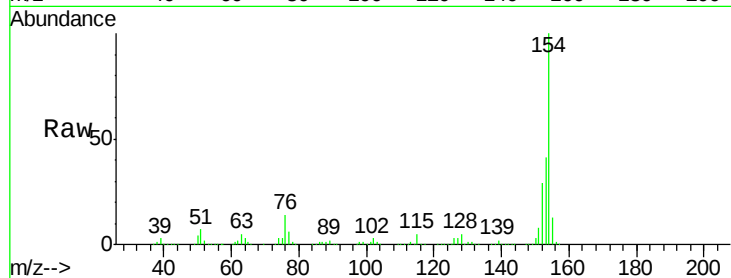




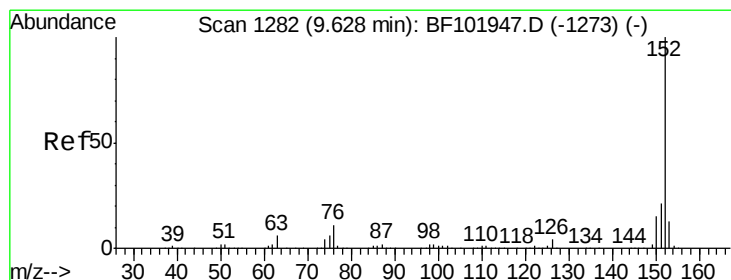
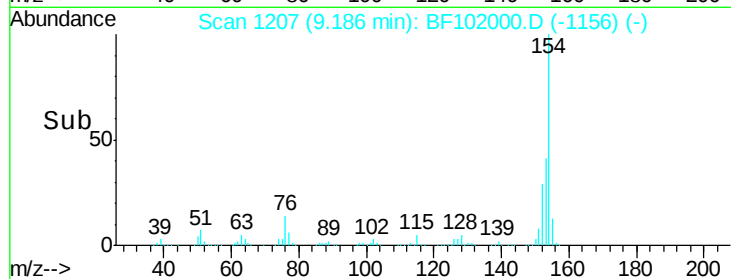
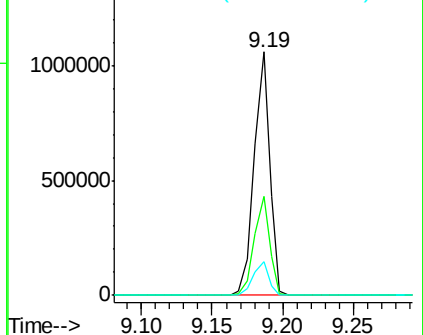
#45
 1,1'-Biphenyl
 Concen: 25.137 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Instrument :
 BNA_F
 ClientSampled :
 WC-53-01MS

Tot Ion:154 Resp: 833292
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 13.7 0.0 34.0

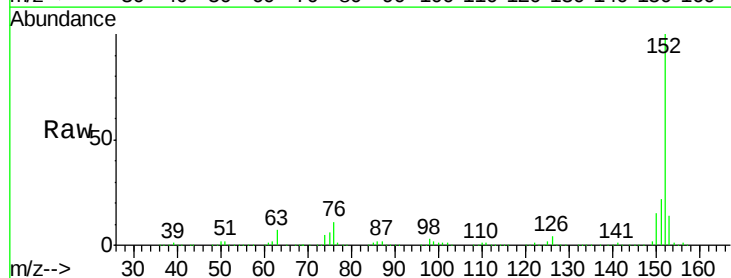


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

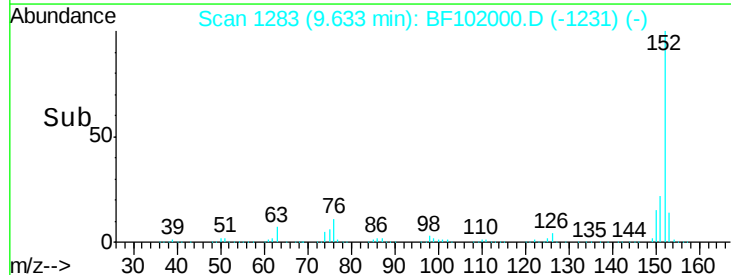
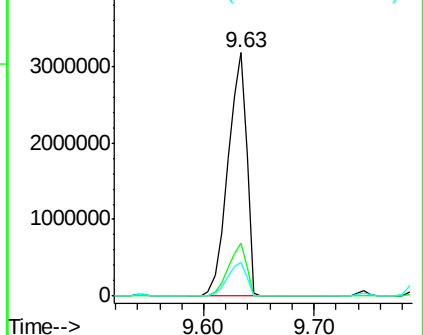


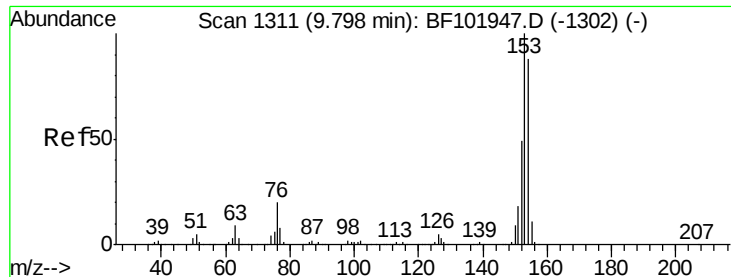
#48
 Acenaphthylene
 Concen: 91.960 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Tgt Ion:152 Resp: 3751523
 Ion Ratio Lower Upper
 152 100
 151 22.0 16.3 24.5
 153 14.0 10.7 16.1



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





#51

Acenaphthene

Concen: 9.141 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

WC-53-01MS

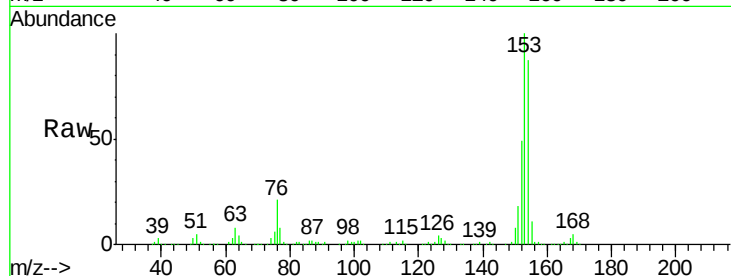
Tot Ion:154 Resp: 226348

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

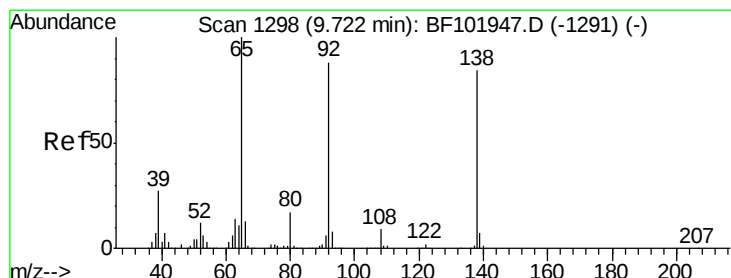
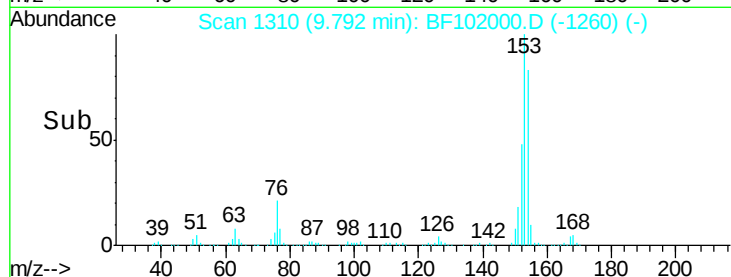
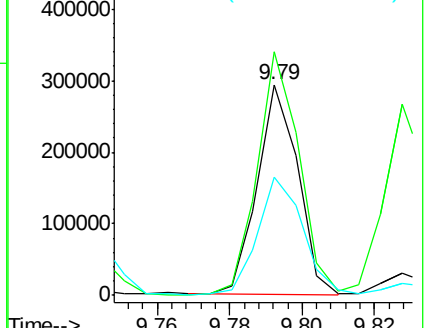
152 56.3 43.8 65.8



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



#52

3-Nitroaniline

Concen: 5.275 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.25 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

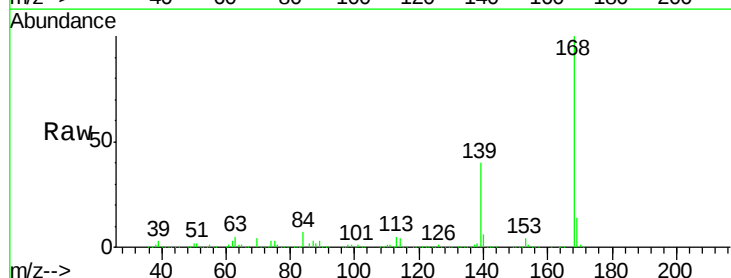
Tgt Ion:138 Resp: 40007

Ion Ratio Lower Upper

138 100

108 2.0 9.4 14.0#

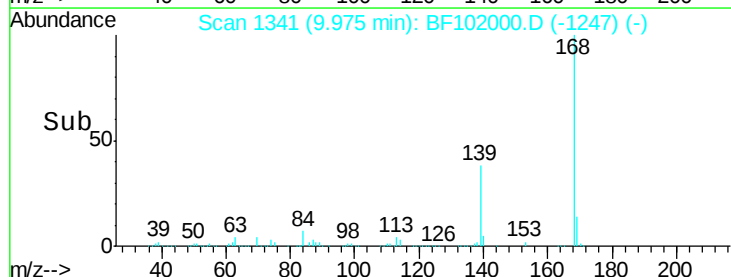
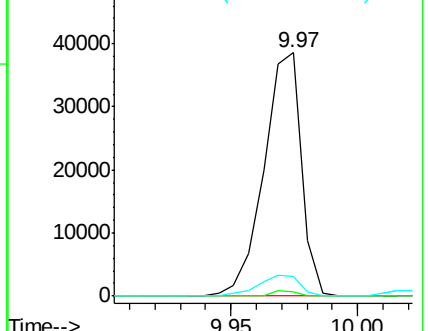
92 8.1 89.4 134.2#

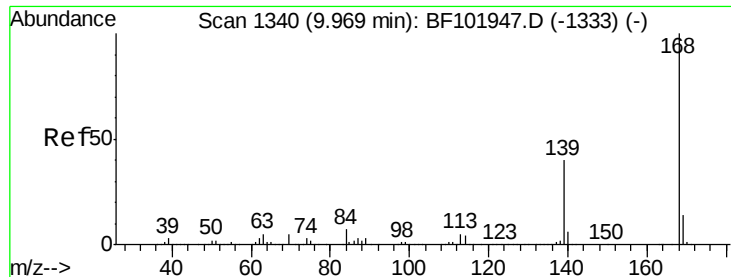


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzenofuran

Concen: 67.584 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

WC-53-01MS

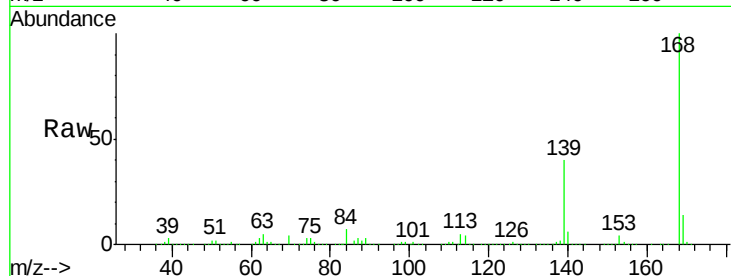
Tot Ion:168 Resp: 2296696

Ion Ratio Lower Upper

168 100

139 39.7 30.1 45.1

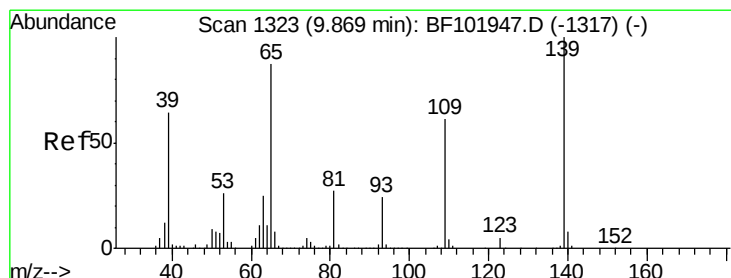
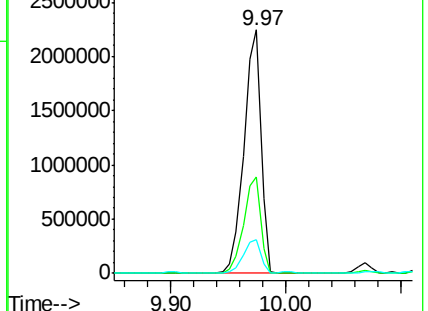
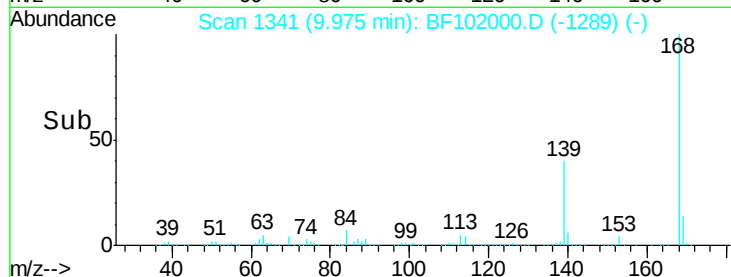
169 13.6 10.9 16.3



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



#55

4-Nitrophenol

Concen: 160.265 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.11 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

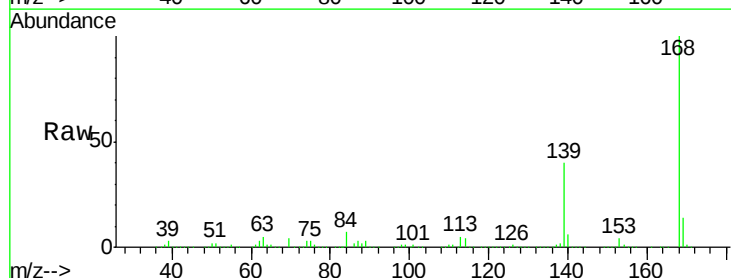
Tgt Ion:139 Resp: 905868

Ion Ratio Lower Upper

139 100

109 0.7 48.4 88.4#

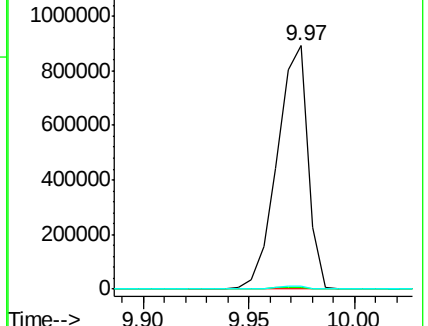
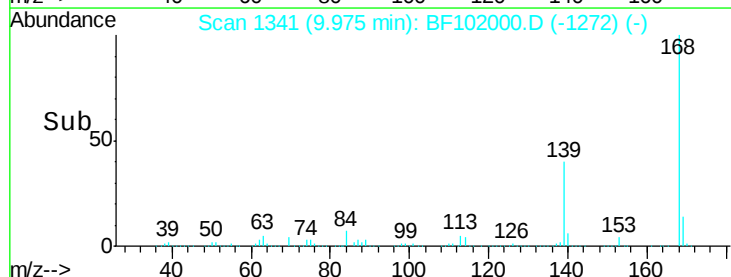
65 1.3 72.6 112.6#

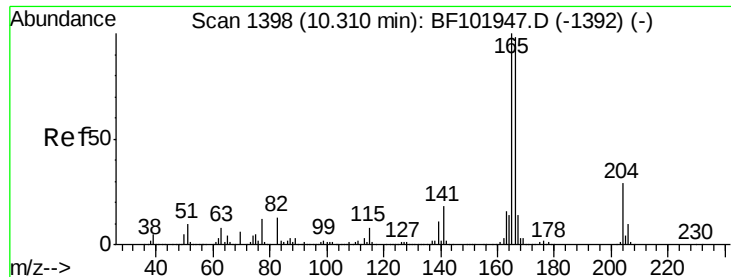


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

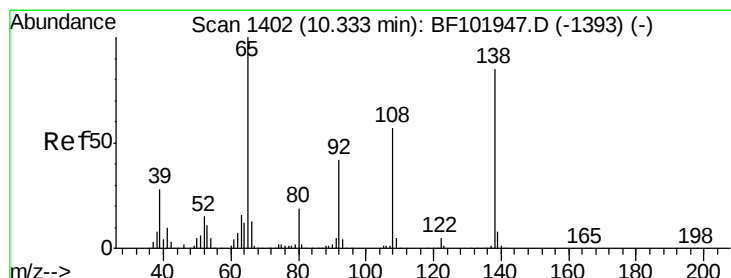
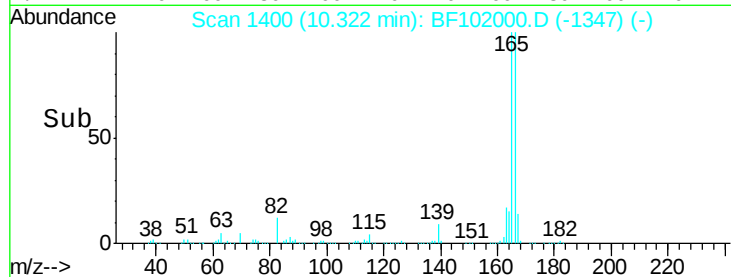
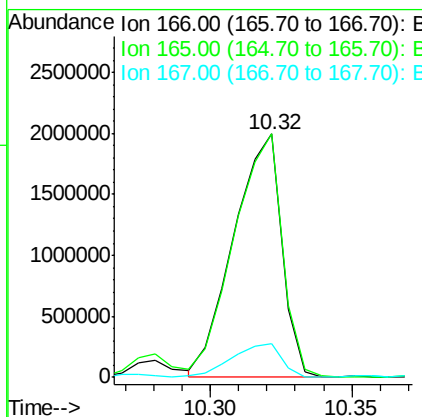
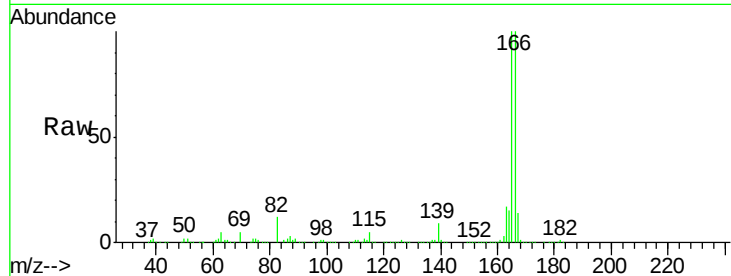




#57
Fluorene
 Concen: 100.065 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

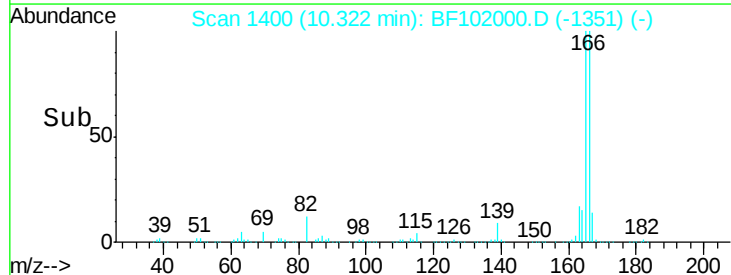
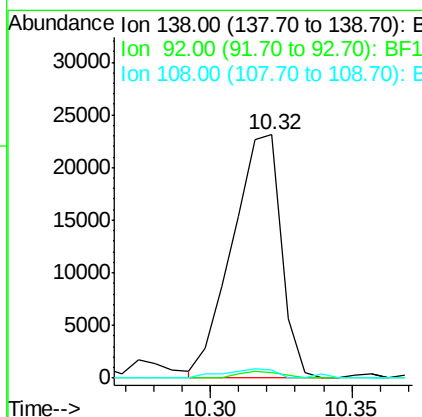
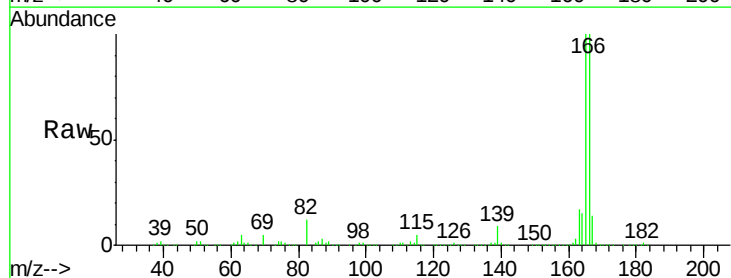
Instrument :
 BNA_F
 ClientSampleId :
 WC-53-01MS

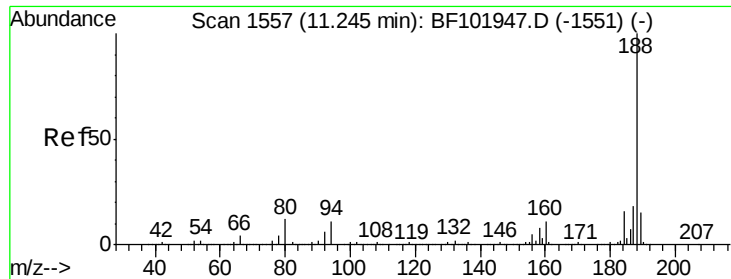
Tot Ion:166 Resp: 2350727
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 14.0 10.6 16.0



#61
4-Nitroaniline
 Concen: 3.864 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Tgt Ion:138 Resp: 27815
 Ion Ratio Lower Upper
 138 100
 92 2.5 30.2 70.2#
 108 3.2 52.5 92.5#

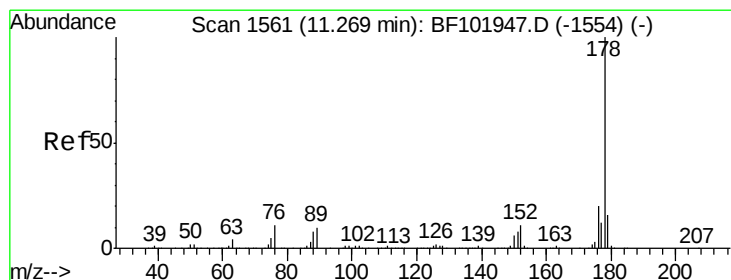
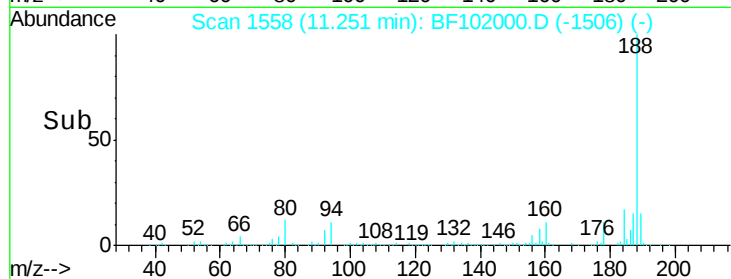
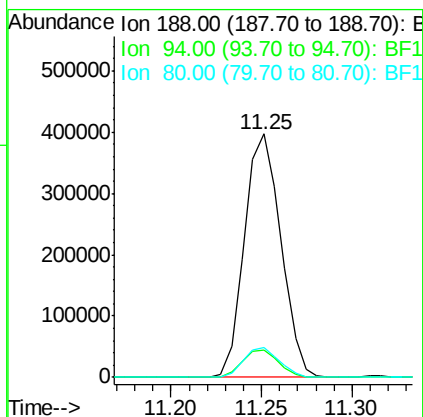
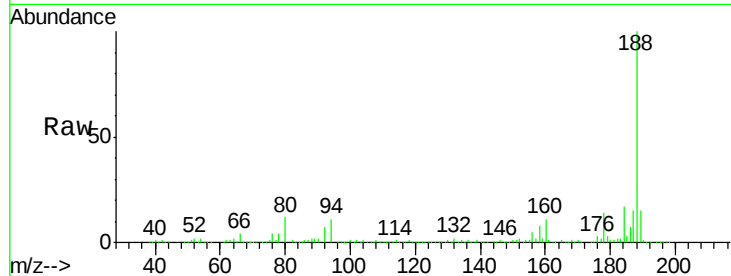




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

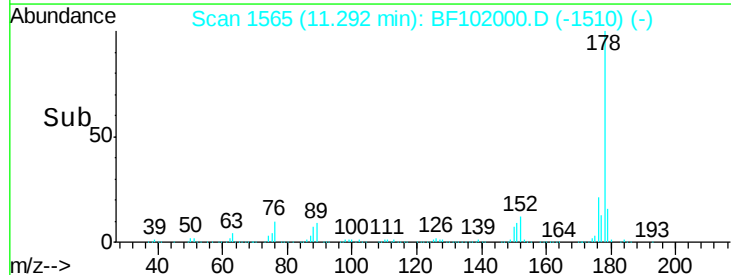
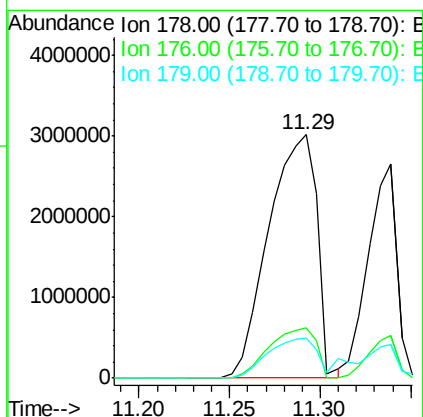
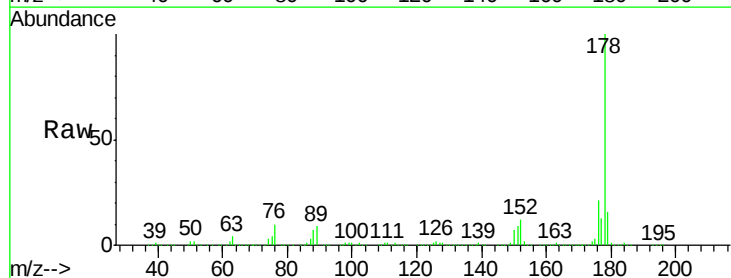
Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

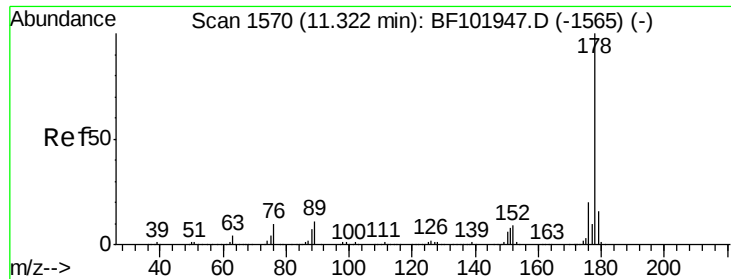
Tot Ion:188 Resp: 554817
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.0 9.2 13.8



#70
Phenanthrene
Concen: 172.987 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.02 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion:178 Resp: 5606294
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.8
179 16.3 13.0 19.6

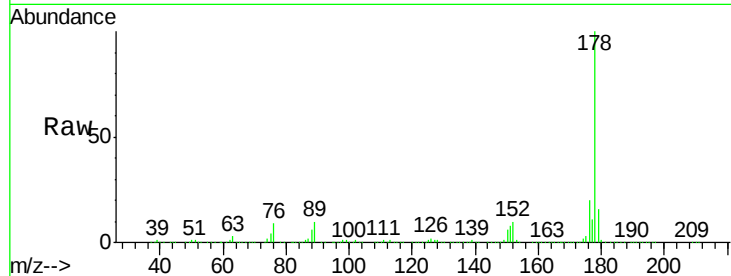




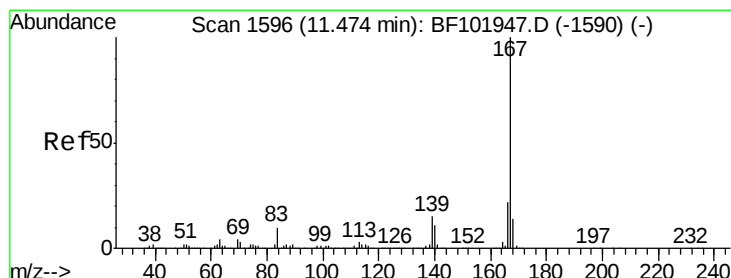
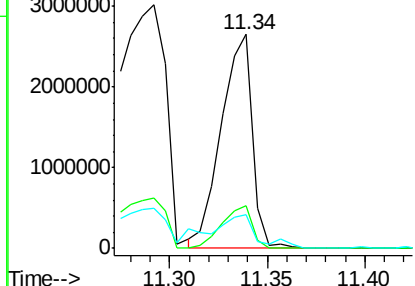
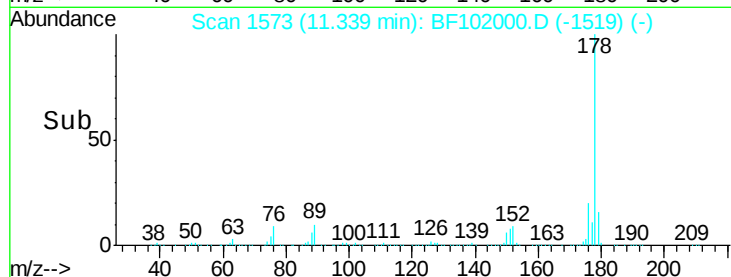
#71
 Anthracene
 Concen: 88.857 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.02 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-53-01MS

Tot Ion:178 Resp: 2920582
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.9 12.6 19.0

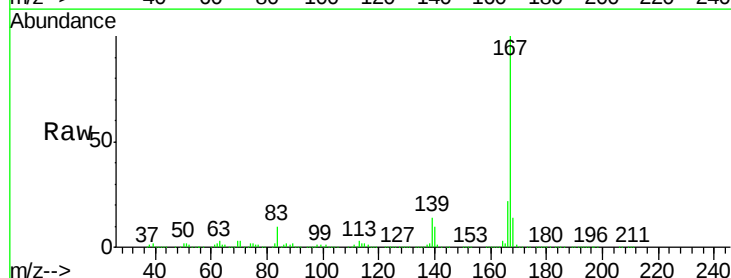


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

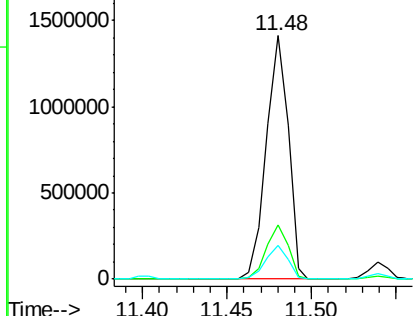
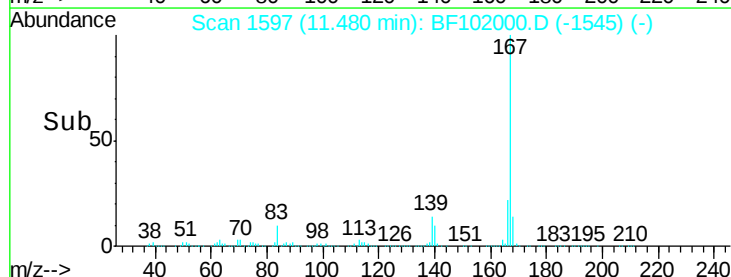


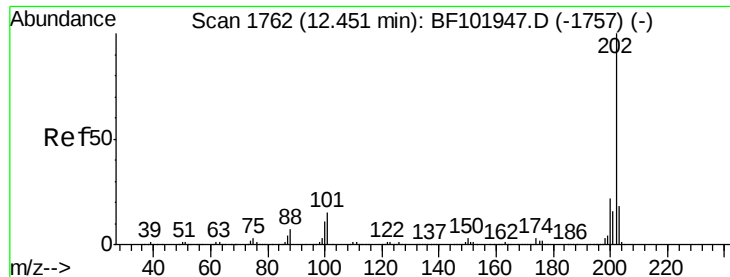
#72
 Carbazole
 Concen: 39.616 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Tgt Ion:167 Resp: 1279863
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.1 10.9 16.3



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: 110.944 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.02 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

WC-53-01MS

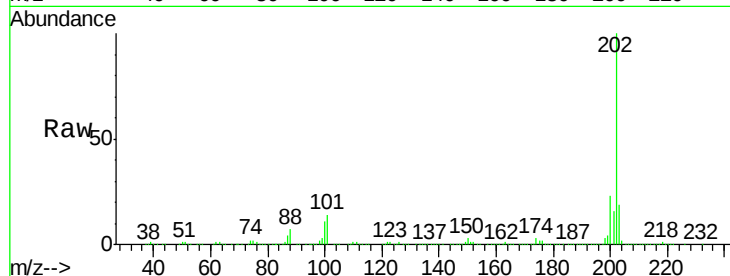
Tot Ion:202 Resp: 3537540

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

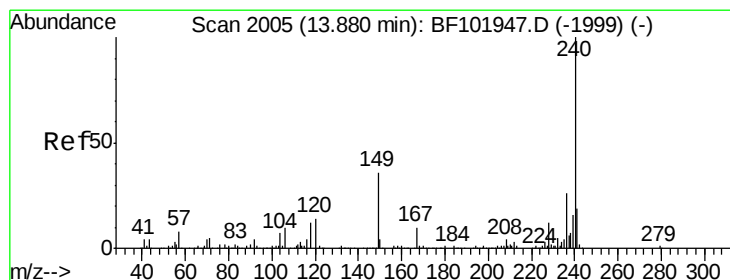
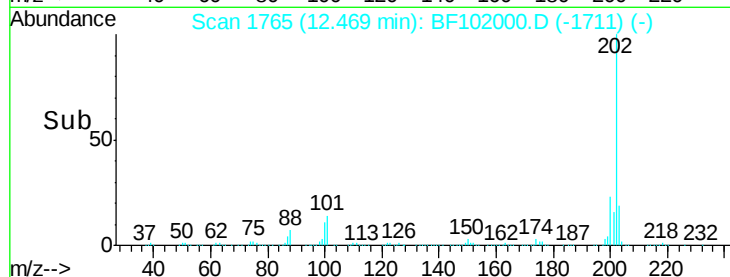
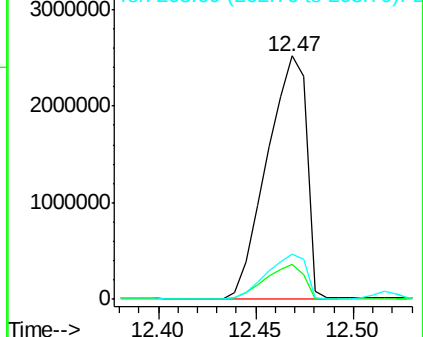
203 18.7 0.0 38.1



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: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

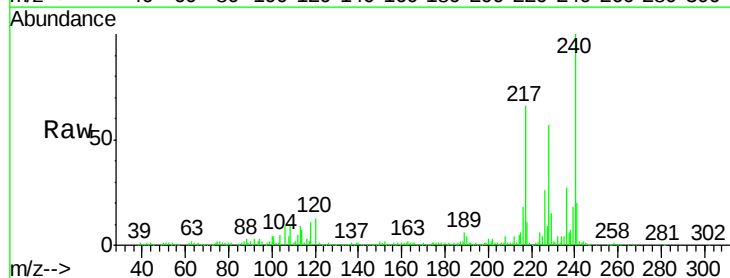
Tgt Ion:240 Resp: 303775

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

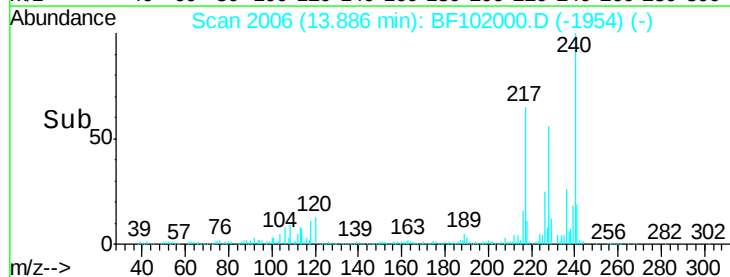
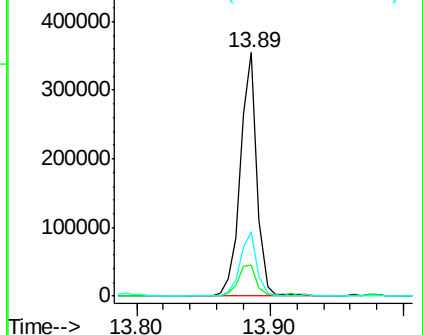
236 26.6 20.7 31.1

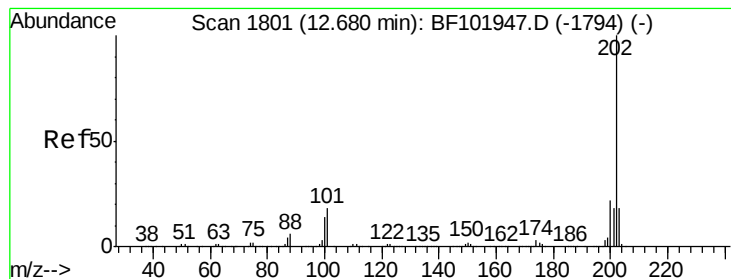


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 102.505 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.02 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

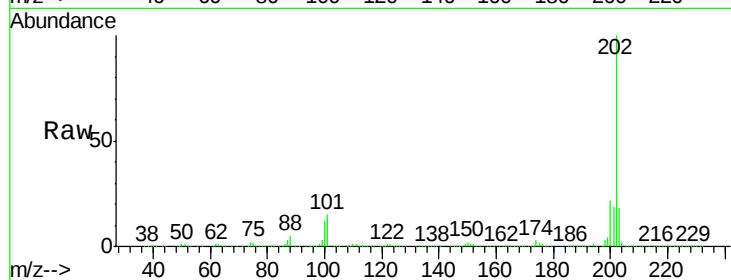
BNA_F

ClientSampleId :

WC-53-01MS

Tot Ion:202 Resp: 2752440

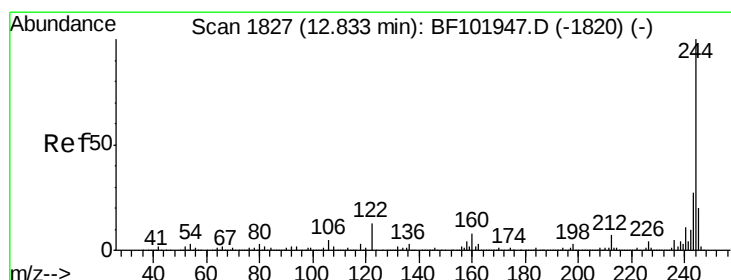
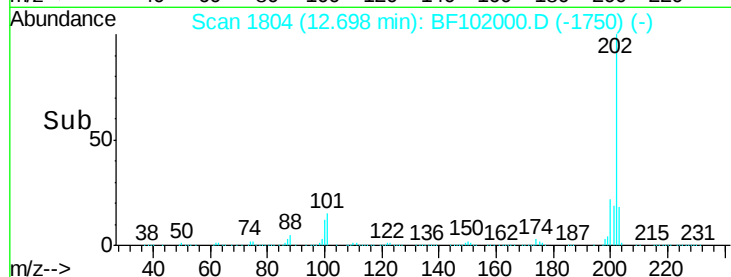
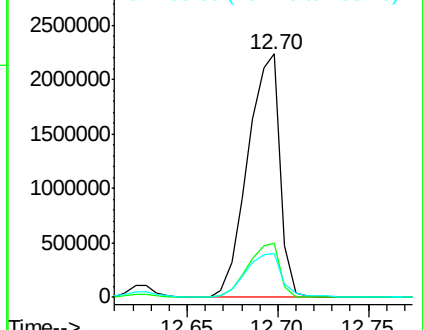
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.2	14.3	21.5



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: 0.512 ng

RT: 12.83 min Scan# 1826

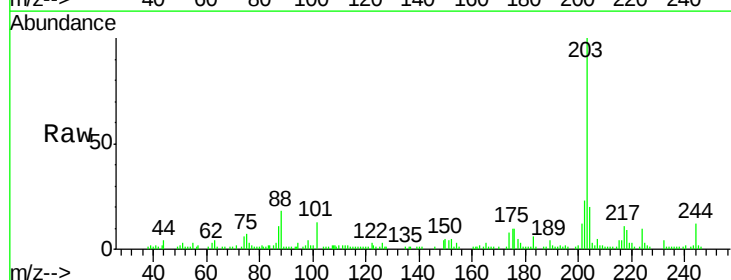
Delta R.T. -0.01 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Tgt Ion:244 Resp: 7490

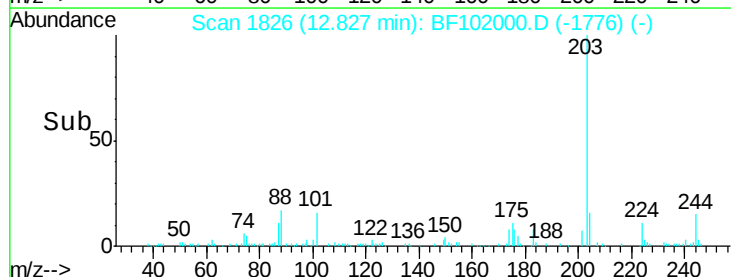
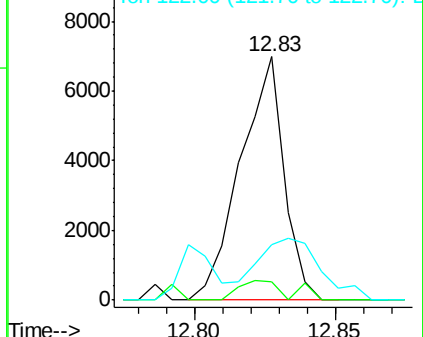
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	22.8	11.0	16.4

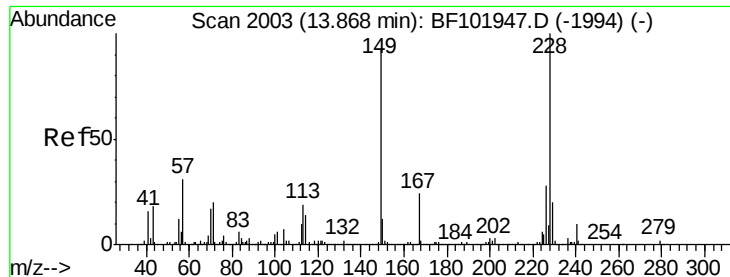


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 62.987 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.04 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

WC-53-01MS

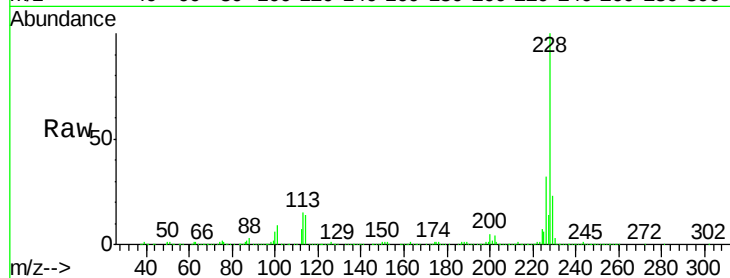
Tot Ion:228 Resp: 1220798

Ion Ratio Lower Upper

228 100

226 32.2 22.6 33.8

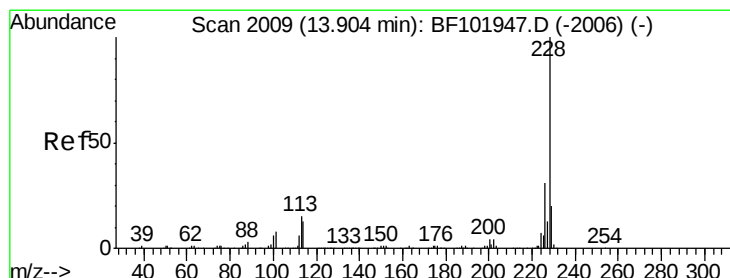
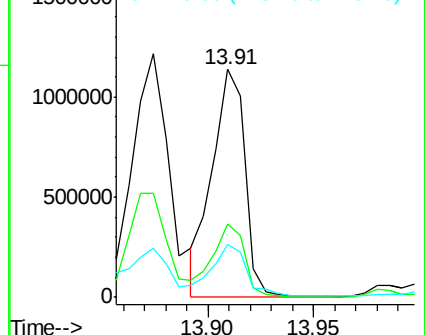
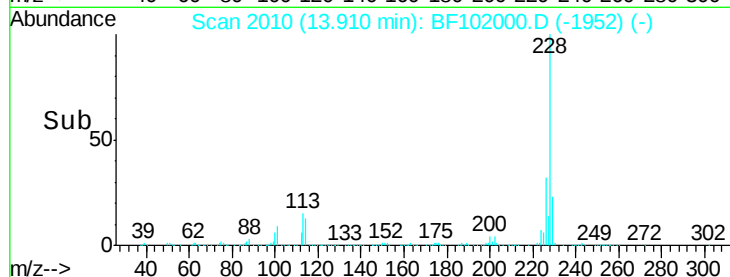
229 23.1 15.8 23.6



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: 60.406 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

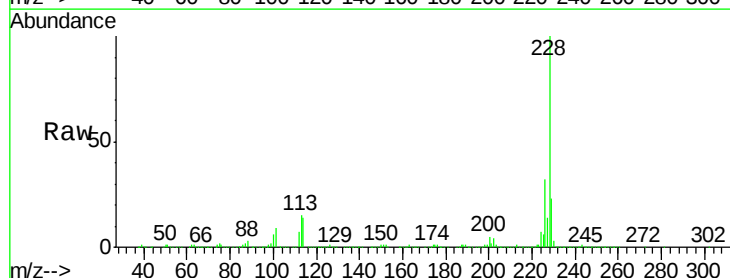
Tgt Ion:228 Resp: 1220798

Ion Ratio Lower Upper

228 100

226 32.2 25.0 37.6

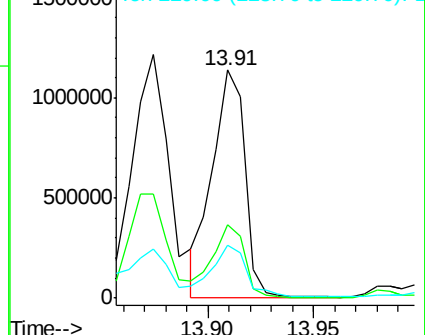
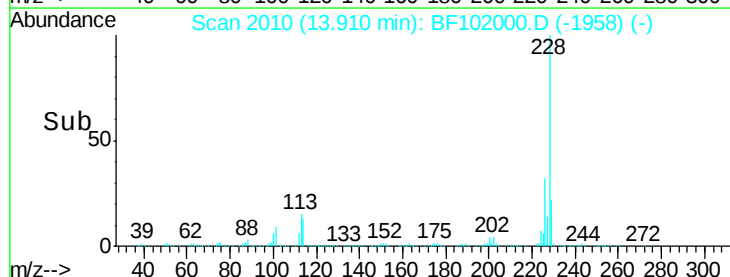
229 23.1 16.2 24.4

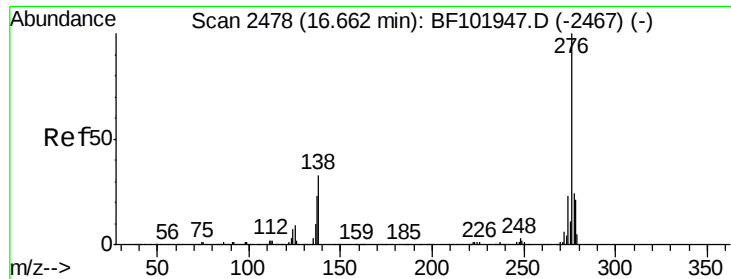


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

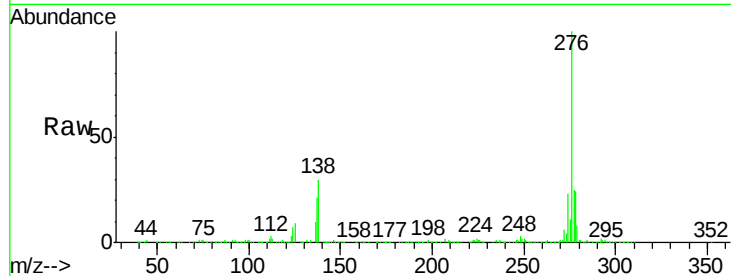




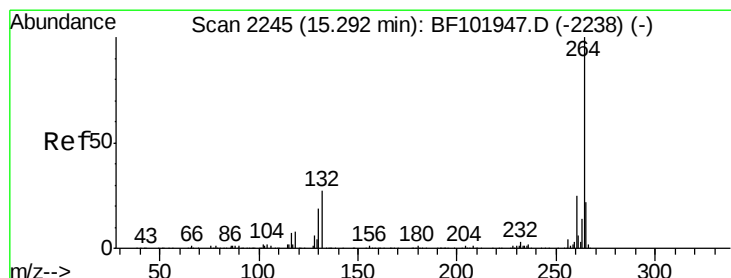
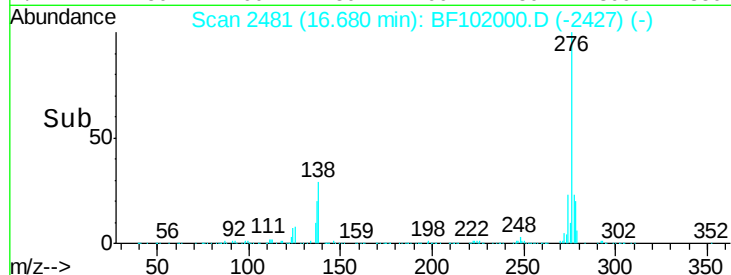
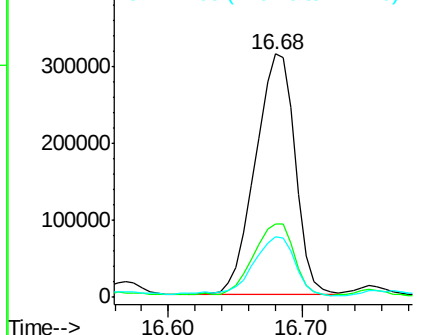
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.219 ng
 RT: 16.68 min Scan# 2481
 Delta R.T. 0.02 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-53-01MS

Tot Ion:276 Resp: 650441
 Ion Ratio Lower Upper
 276 100
 138 30.3 25.0 37.6
 277 25.8 20.1 30.1

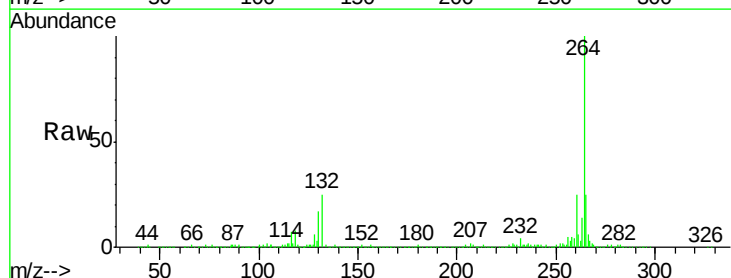


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

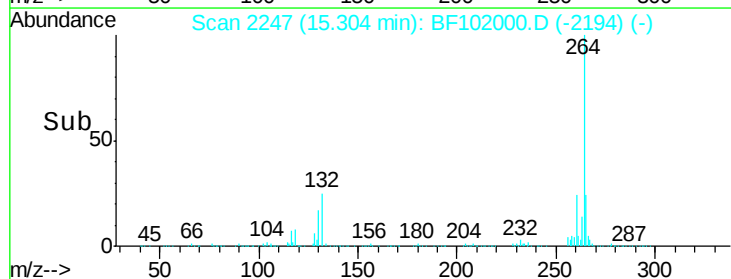
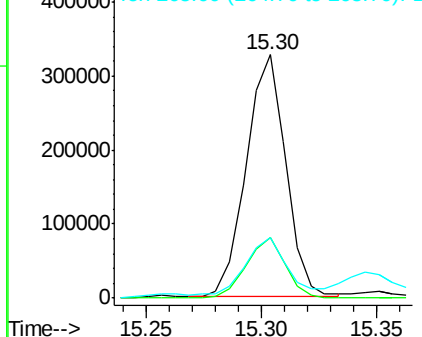


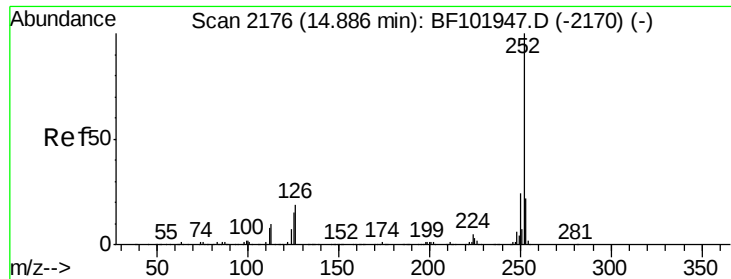
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF102000.D
 Acq: 11 Jan 2018 00:50

Tgt Ion:264 Resp: 392883
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 24.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

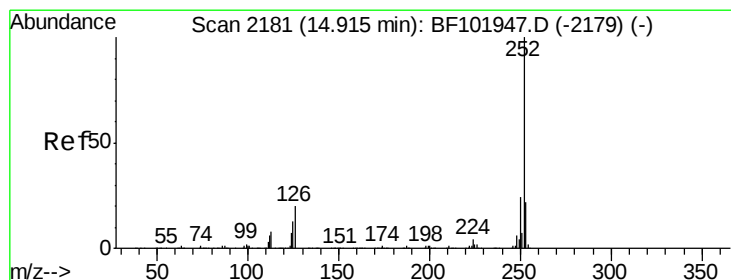
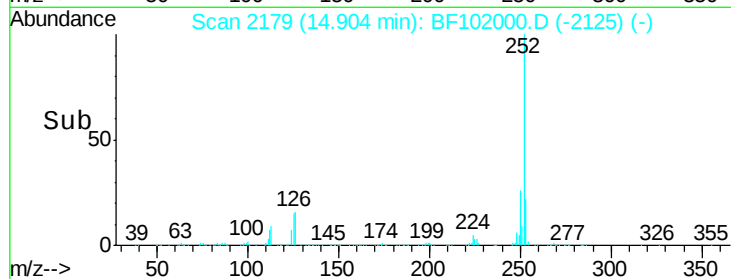
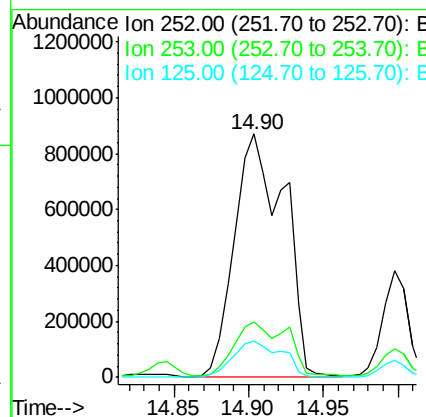
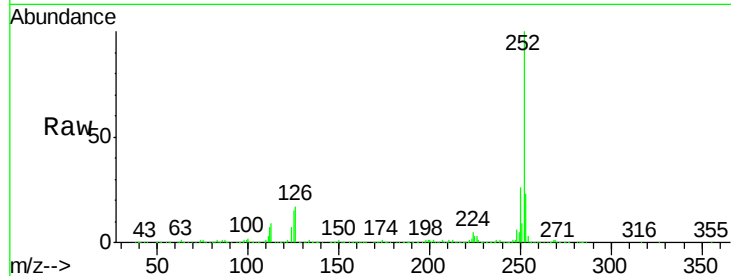




#87
Benzo(b)fluoranthene
Concen: 78.637 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

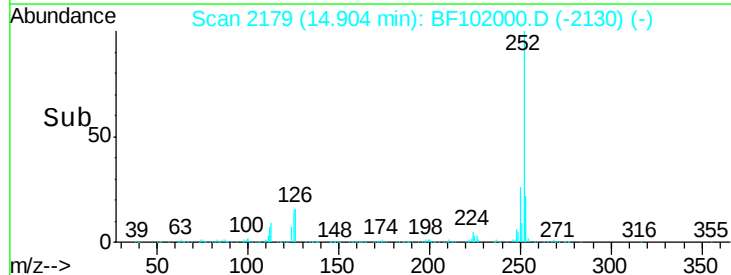
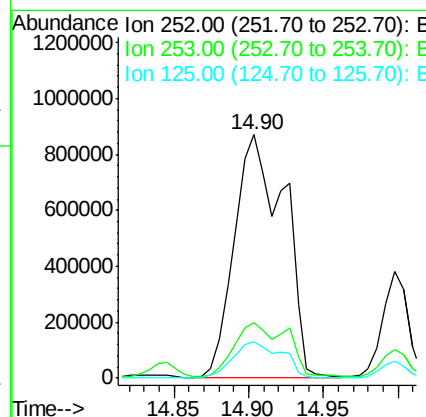
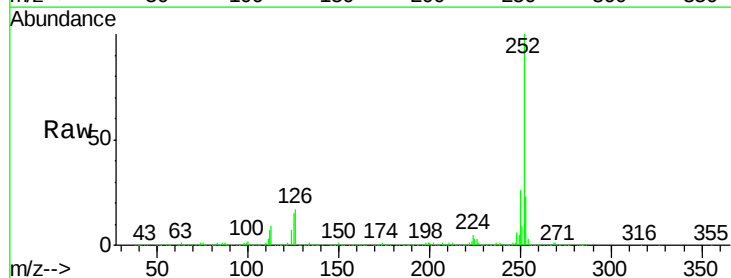
Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

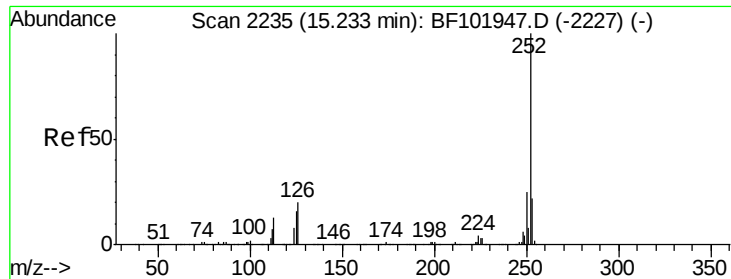
Tot Ion:252 Resp: 2014470
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 14.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 81.517 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion:252 Resp: 2014470
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 14.7 10.2 15.2

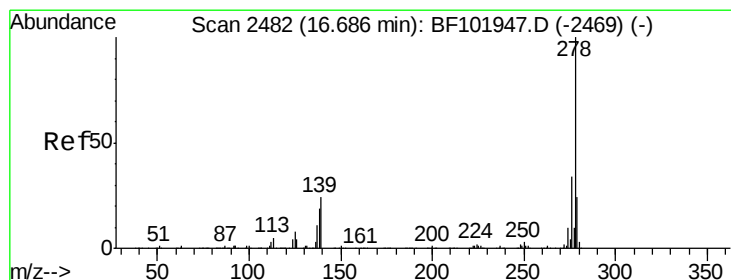
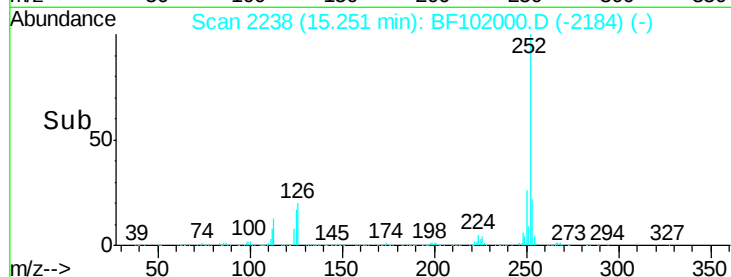
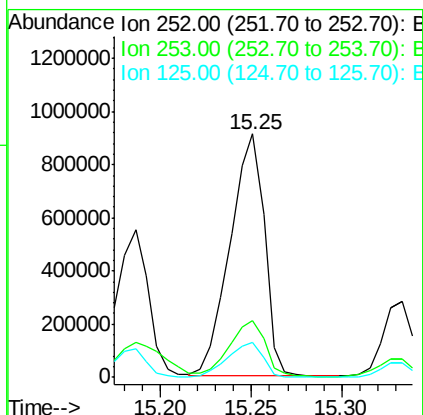
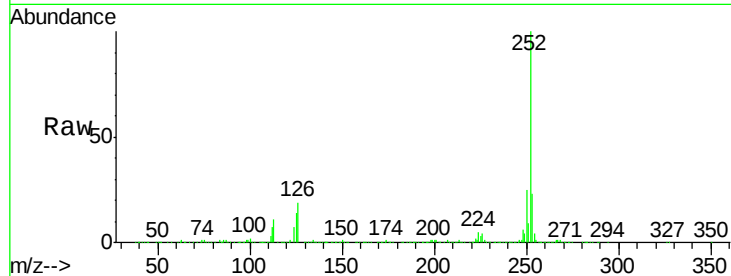




#89
Benzo(a)pyrene
Concen: 52.189 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

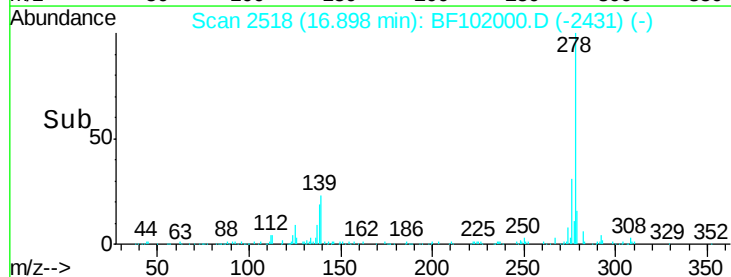
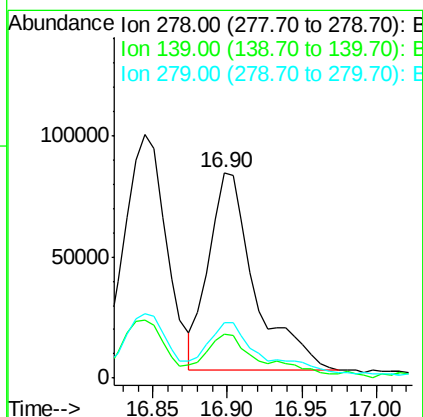
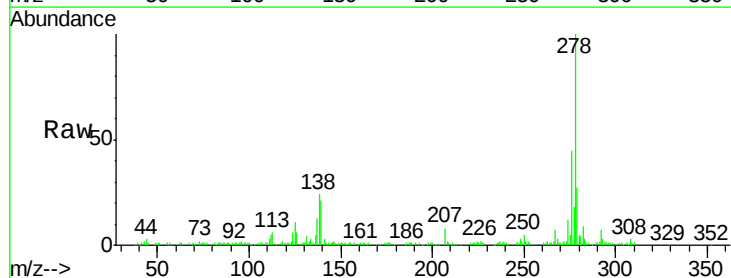
Instrument :
BNA_F
ClientSampleId :
WC-53-01MS

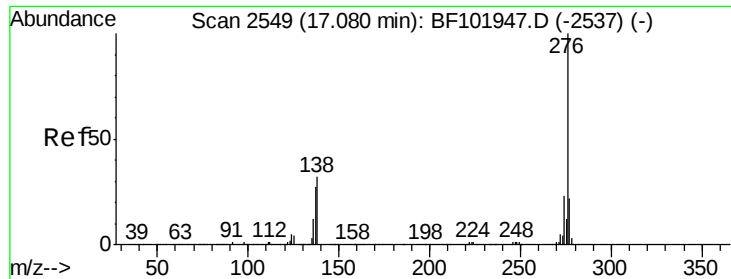
Tot Ion:252 Resp: 1203068
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 14.4 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 9.538 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.21 min
Lab File: BF102000.D
Acq: 11 Jan 2018 00:50

Tgt Ion:278 Resp: 175461
Ion Ratio Lower Upper
278 100
139 21.5 15.9 23.9
279 27.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 29.560 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.02 min

Lab File: BF102000.D

Acq: 11 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

WC-53-01MS

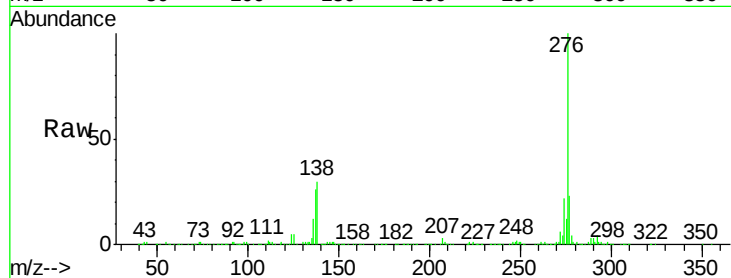
Tot Ion:276 Resp: 547777

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 30.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

