

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101996.D
 Acq On : 10 Jan 2018 23:03
 Operator : SJ/JU
 Sample : J1076-13 50X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-50-01

Quant Time: Jan 11 01:58:08 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	214739	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	867840	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	363394	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	557740	20.00	ng	0.00
75) Chrysene-d12	13.88	240	311452	20.00	ng	0.00
86) Perylene-d12	15.30	264	377804	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	6244	0.41	ng	0.00
7) Phenol-d6	6.35	99	8231	0.45	ng	0.00
23) Nitrobenzene-d5	7.28	82	4541	0.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	1068	0.34	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	10071	0.43	ng	-0.01
78) Terphenyl-d14	12.82	244	7706	0.51	ng	-0.01

Target Compounds

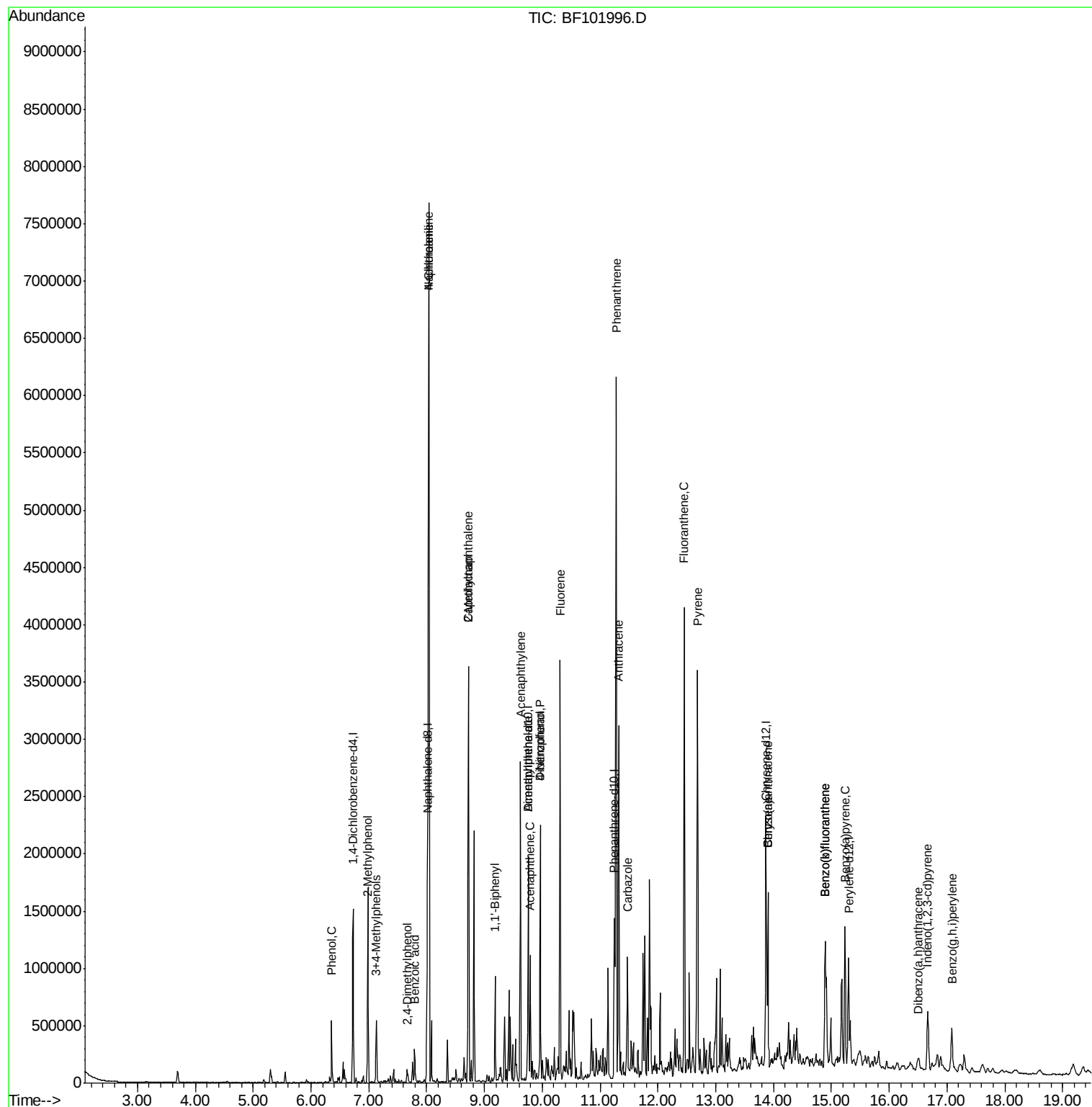
						Qvalue
10) Phenol	6.36	94	167138	8.151	ng	96
17) 2-Methylphenol	6.97	107	38988	2.834	ng	96
20) 3+4-Methylphenols	7.13	107	122560	7.419	ng	89
27) 2,4-Dimethylphenol	7.66	122	25572	2.061	ng	93
31) Naphthalene	8.04	128	4717710	108.792	ng	98
32) Benzoic acid	7.79	122	24294	2.583	ng	# 17
33) 4-Chloroaniline	8.04	127	663089	35.826	ng	# 35
35) Caprolactam	8.72	113	19615	4.851	ng	# 1
37) 2-Methylnaphthalene	8.72	142	959676	33.616	ng	100
45) 1,1'-Biphenyl	9.19	154	273938	8.529	ng	98
48) Acenaphthylene	9.62	152	1004127	25.403	ng	99
49) Dimethylphthalate	9.76	163	105199	3.609	ng	# 1
51) Acenaphthene	9.79	154	188665	7.864	ng	98
54) Dibenzofuran	9.97	168	821272	24.942	ng	98
55) 4-Nitrophenol	9.96	139	313052	57.160	ng	# 10
57) Fluorene	10.31	166	973316	42.760	ng	98
70) Phenanthrene	11.28	178	2820950	86.587	ng	98
71) Anthracene	11.32	178	1053434	31.882	ng	99
72) Carbazole	11.47	167	356448	10.976	ng	99
74) Fluoranthene	12.46	202	1724938	53.814	ng	98
77) Pyrene	12.69	202	1428806	51.899	ng	99
80) Benzo(a)anthracene	13.90	228	539817	27.165	ng	95
82) Chrysene	13.90	228	539817	26.052	ng	97
85) Indeno(1,2,3-cd)pyrene	16.67	276	297020	19.695	ng	100
87) Benzo(b)fluoranthene	14.89	252	875992	35.560	ng	# 95
88) Benzo(k)fluoranthene	14.89	252	875992	36.862	ng	98
89) Benzo(a)pyrene	15.24	252	538761	24.304	ng	95
90) Dibenzo(a,h)anthracene	16.50	278	62636	3.541	ng	94
91) Benzo(g,h,i)perylene	17.09	276	269578	15.128	ng	95

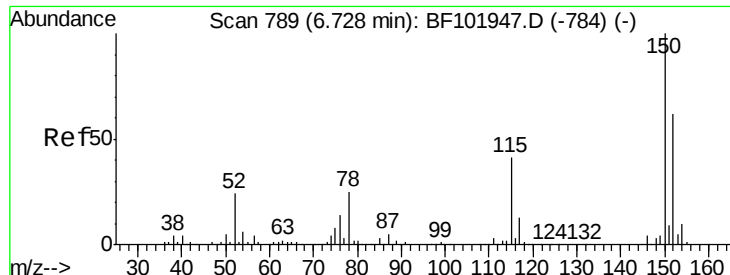
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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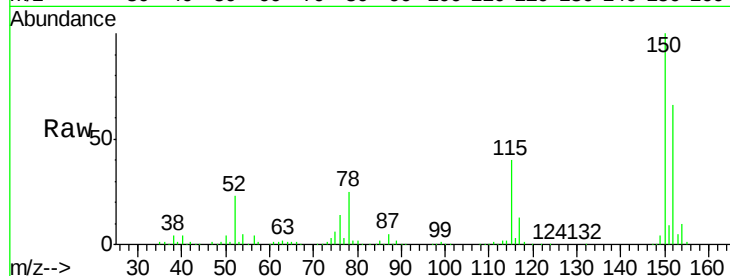


#1

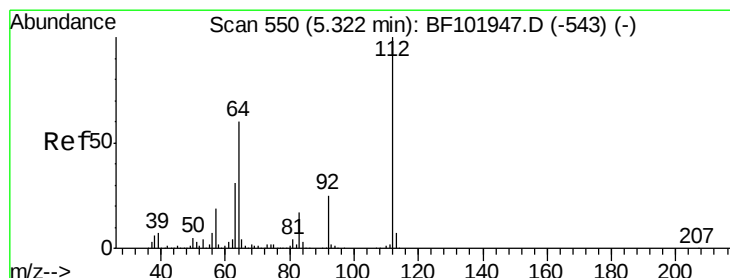
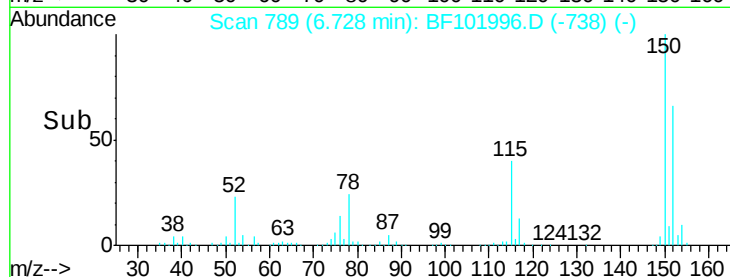
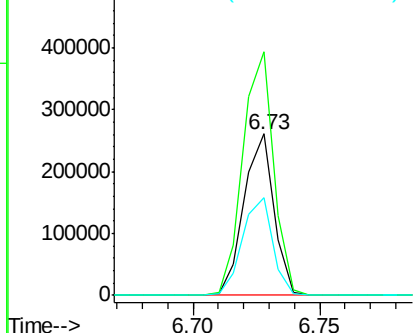
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101996.D
Acq: 10 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
WC-50-01

Tot Ion:152 Resp: 214739
Ion Ratio Lower Upper
152 100
150 150.9 124.6 186.8
115 60.3 50.1 75.1



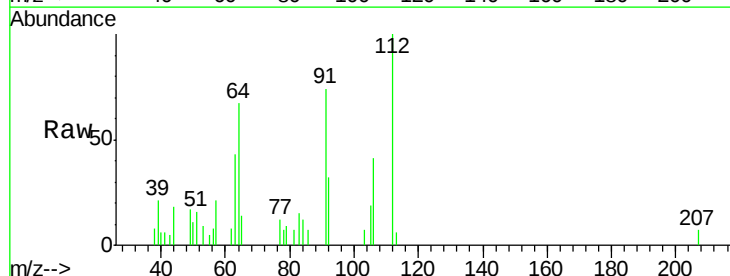
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



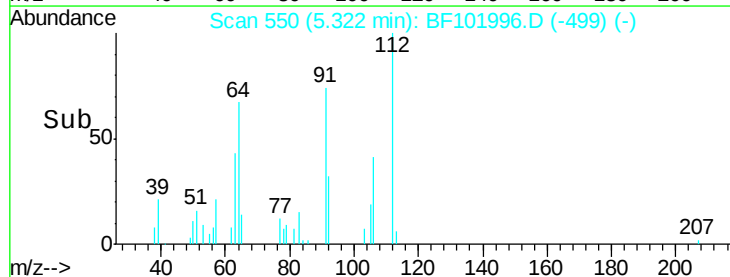
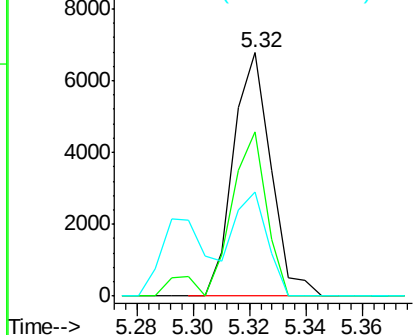
#5

2-Fluorophenol
Concen: 0.411 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF101996.D
Acq: 10 Jan 2018 23:03

Tgt Ion:112 Resp: 6244
Ion Ratio Lower Upper
112 100
64 67.4 47.9 71.9
63 42.6 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: 0.454 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

WC-50-01

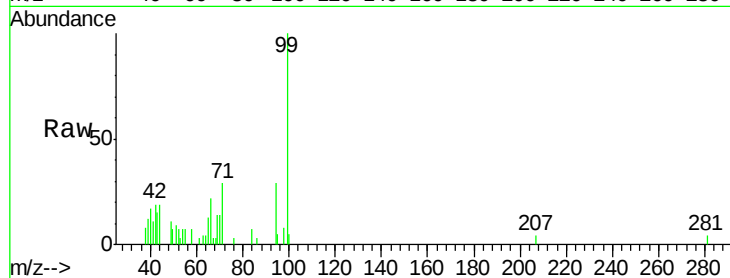
Tot Ion: 99 Resp: 8231

Ion Ratio Lower Upper

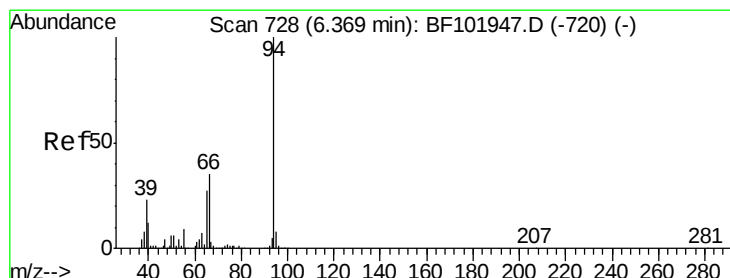
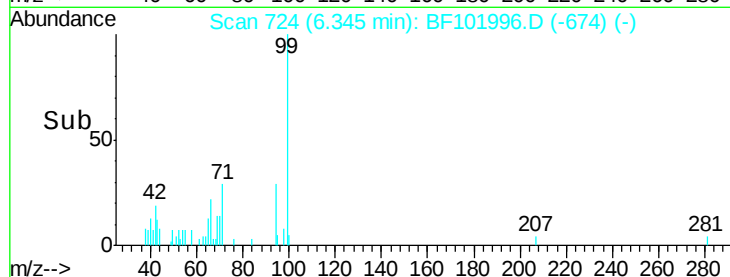
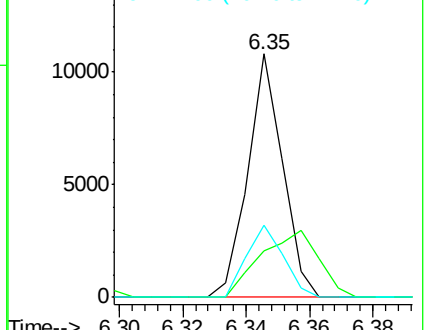
99 100

42 18.9 14.5 21.7

71 29.5 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: 8.151 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

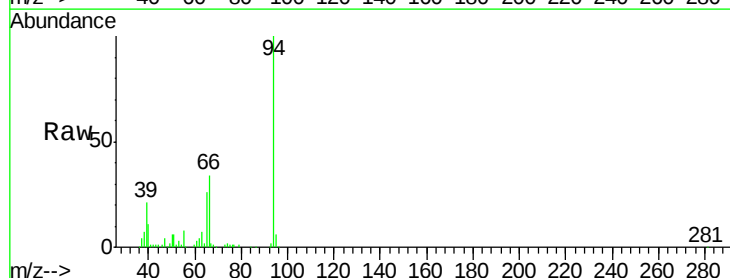
Tgt Ion: 94 Resp: 167138

Ion Ratio Lower Upper

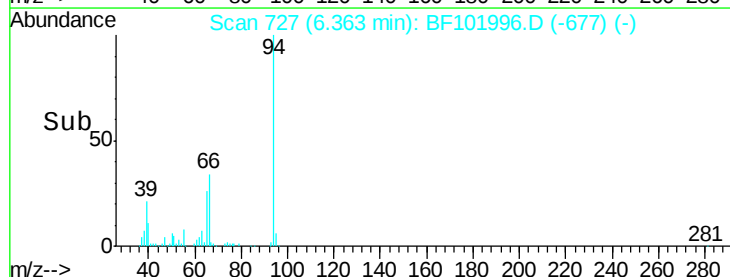
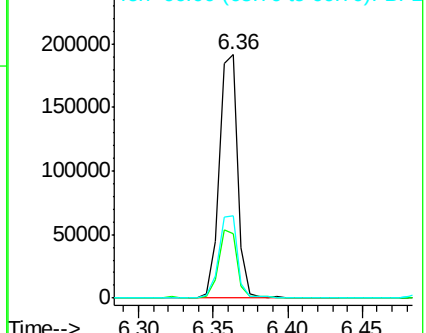
94 100

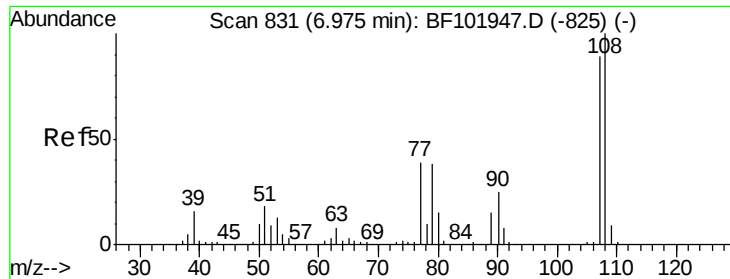
65 26.2 7.9 47.9

66 33.6 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

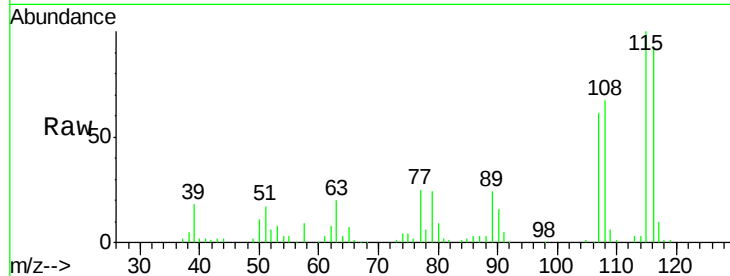




#17
2-Methylphenol
Concen: 2.834 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF101996.D
Acq: 10 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
WC-50-01

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.8	91.7	137.5
77	40.2	33.8	50.8
79	39.1	33.8	50.8



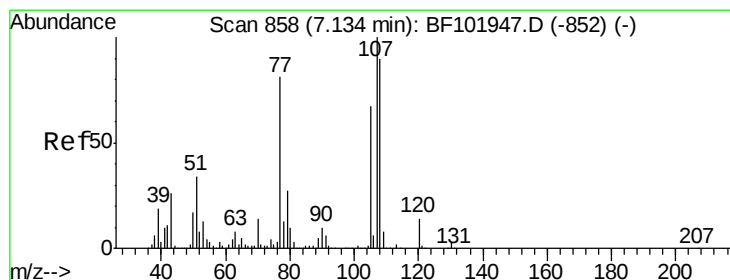
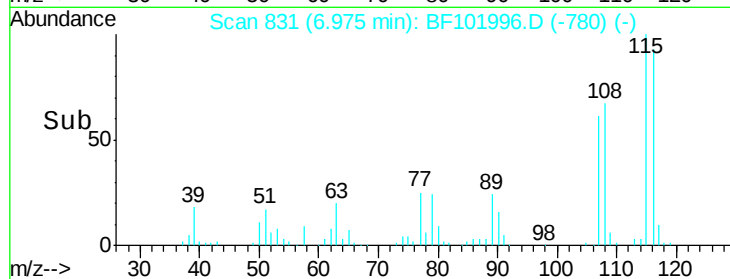
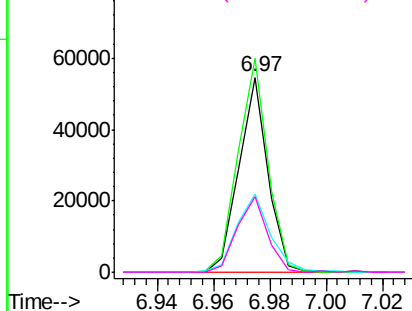
Abundance

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



#20
3+4-Methylphenols
Concen: 7.419 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF101996.D
Acq: 10 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.4	68.2	108.2
77	32.8	26.7	66.7
79	29.8	6.3	46.3

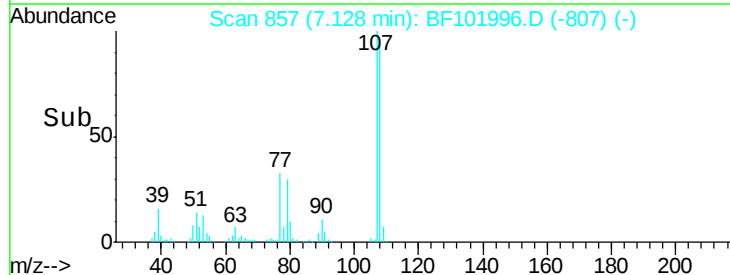
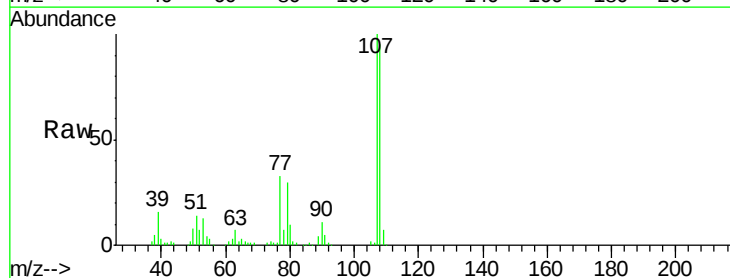
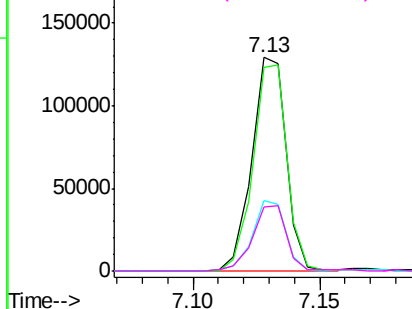
Abundance

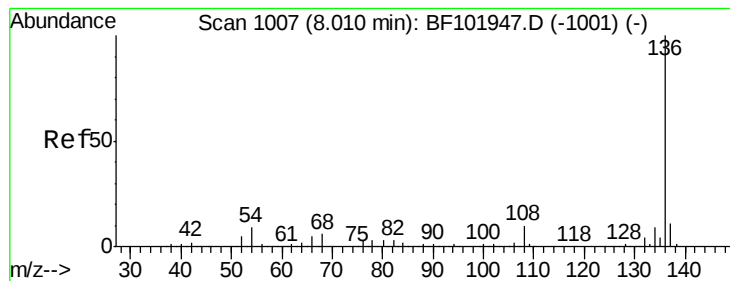
Ion 107.00 (106.70 to 107.70): E

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: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

WC-50-01

Tot Ion:136 Resp: 867840

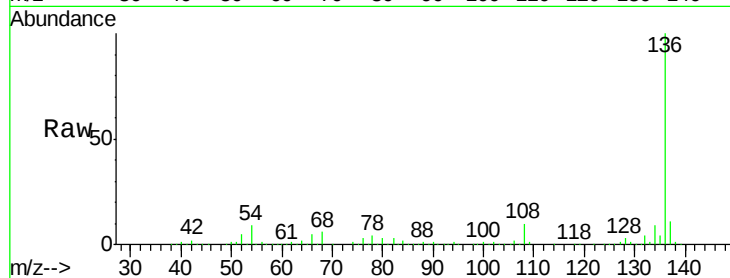
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.6 6.6 9.8

68 6.2 5.0 7.4

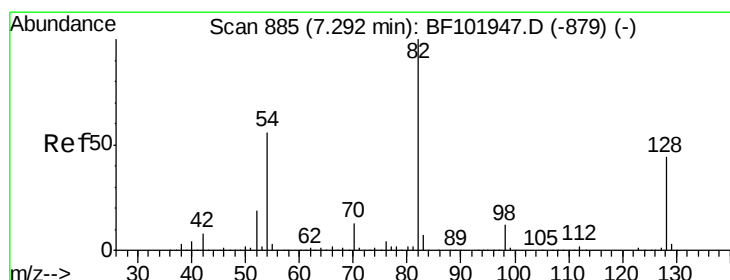
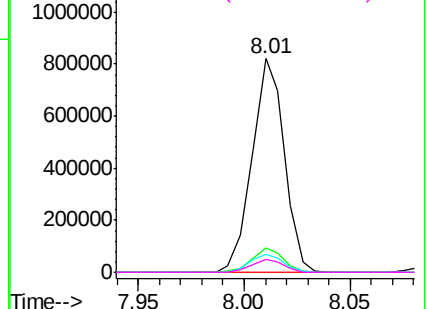
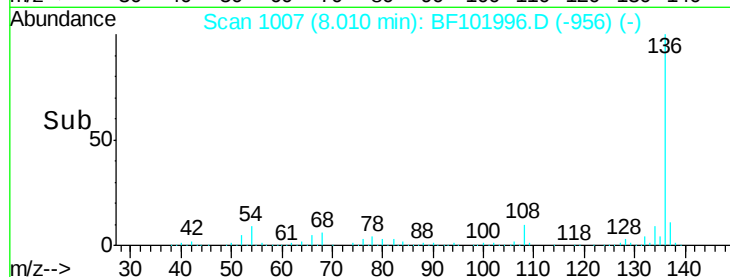


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.307 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

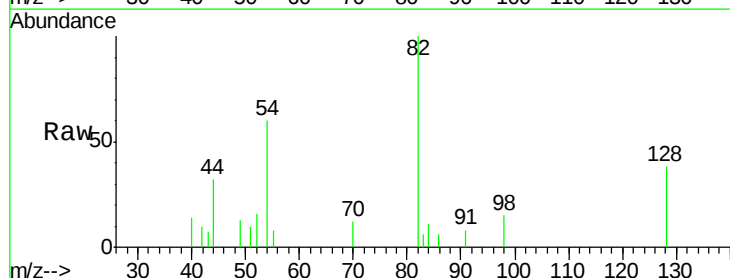
Tgt Ion: 82 Resp: 4541

Ion Ratio Lower Upper

82 100

128 38.4 36.1 54.1

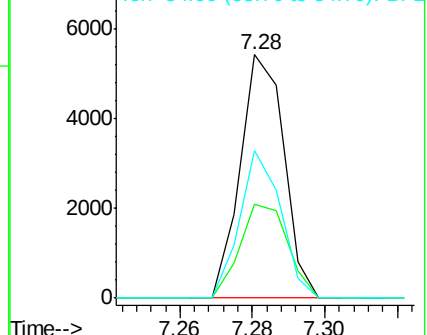
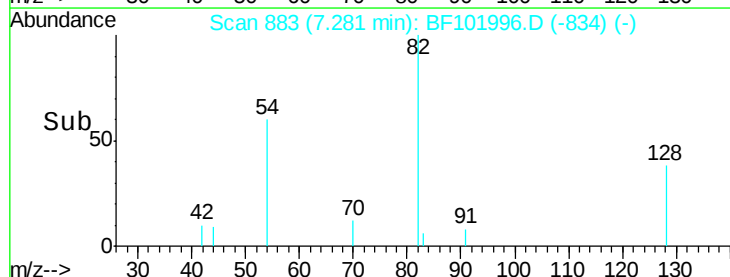
54 60.4 41.4 62.2

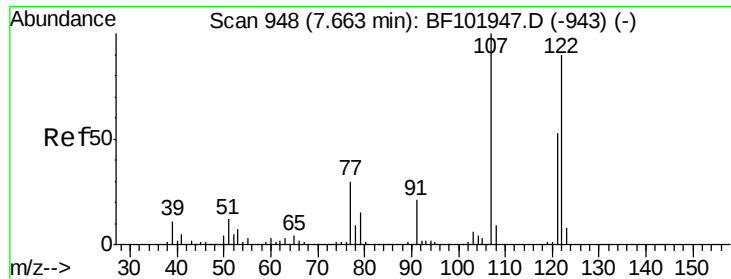


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#27

2,4-Dimethylphenol

Concen: 2.061 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

WC-50-01

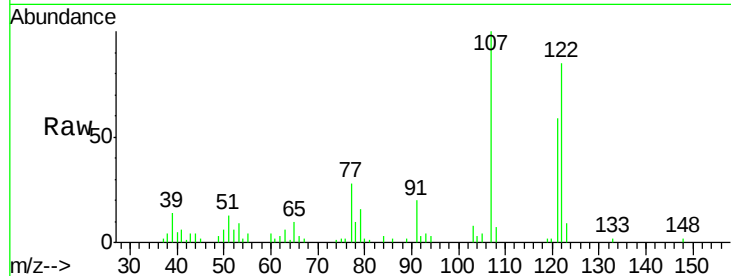
Tot Ion:122 Resp: 25572

Ion Ratio Lower Upper

122 100

107 117.9 91.2 136.8

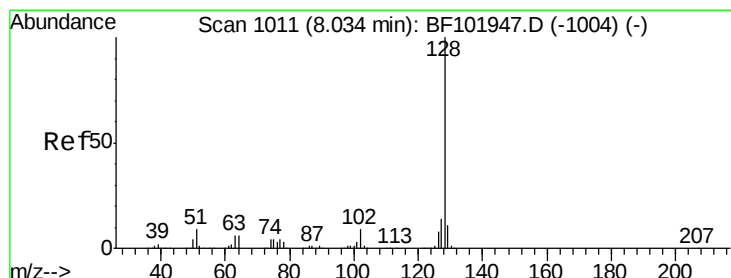
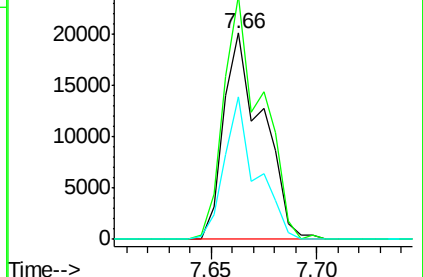
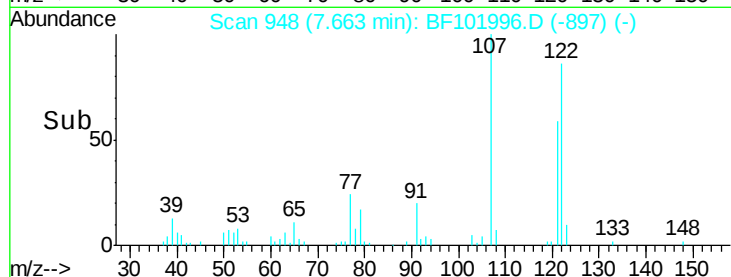
121 69.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 108.792 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

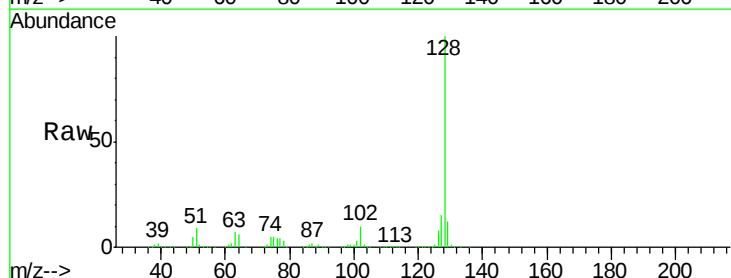
Tgt Ion:128 Resp: 4717710

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

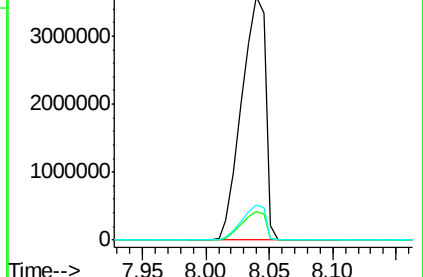
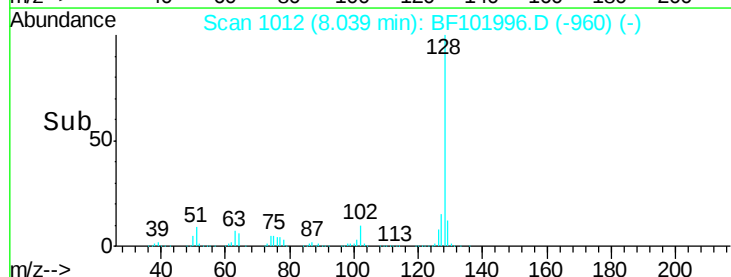
127 14.5 10.9 16.3

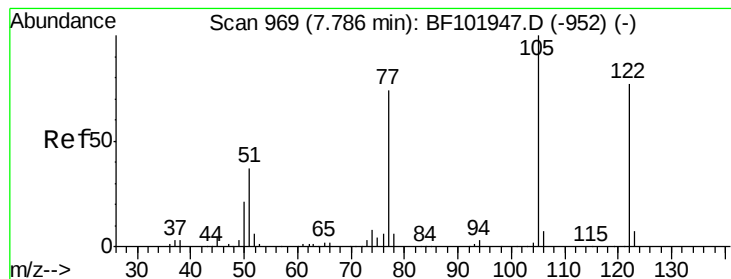


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 2.583 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

WC-50-01

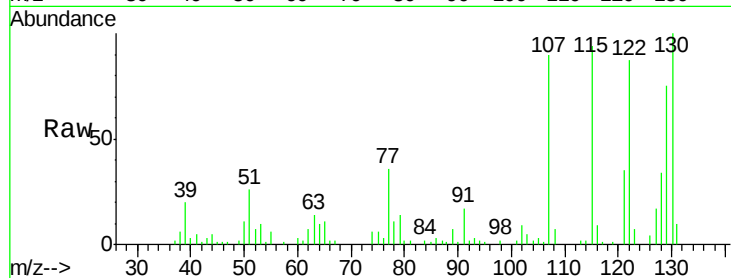
Tot Ion:122 Resp: 24294

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

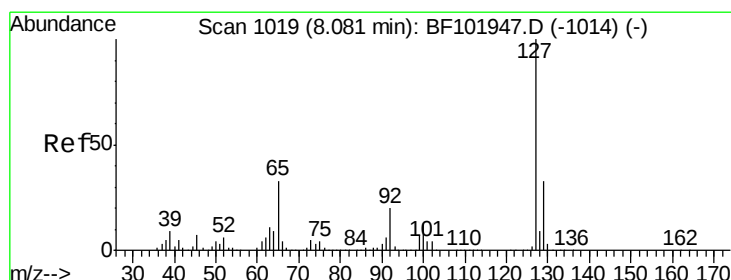
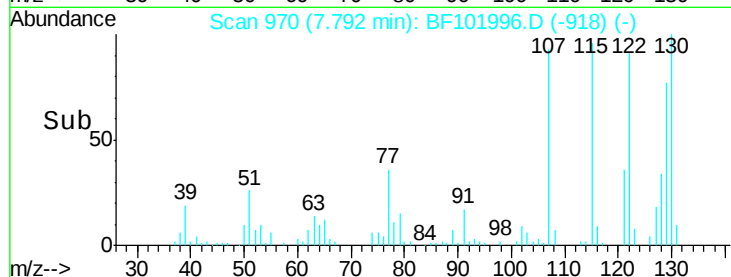
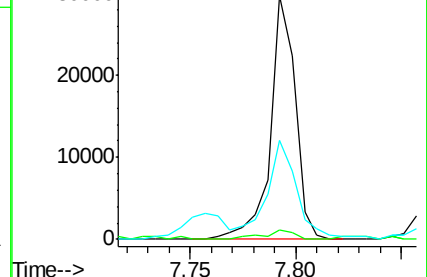
77 40.8 70.7 110.7#



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: 35.826 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.04 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Tgt Ion:127 Resp: 663089

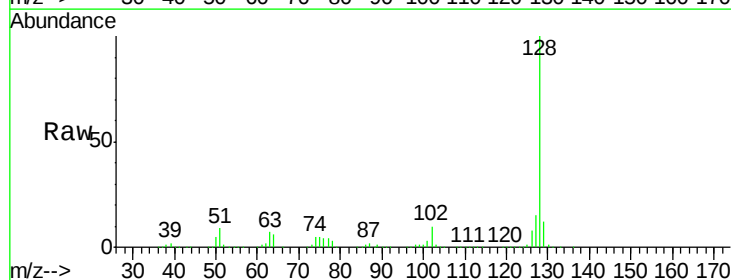
Ion Ratio Lower Upper

127 100

129 81.1 25.9 38.9#

65 0.0 25.0 37.4#

92 0.1 15.2 22.8#

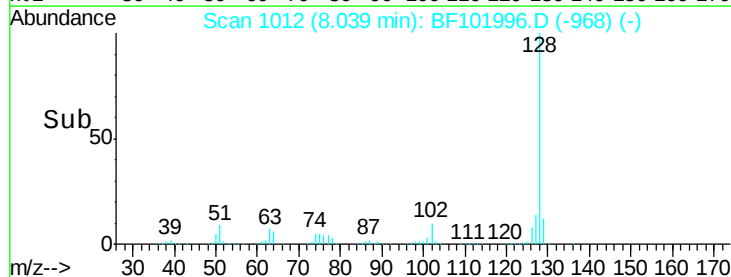
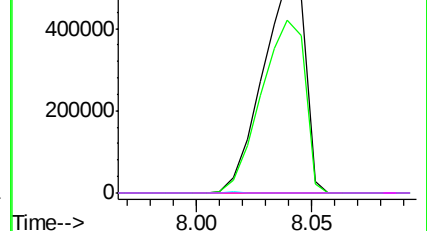


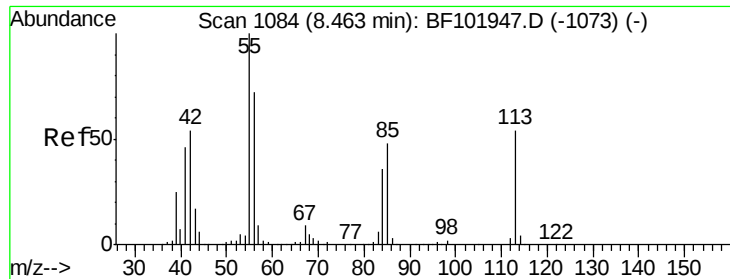
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

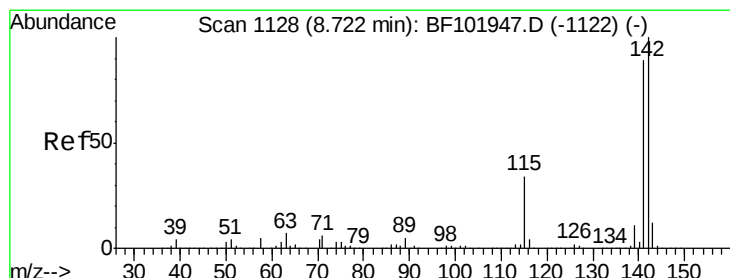
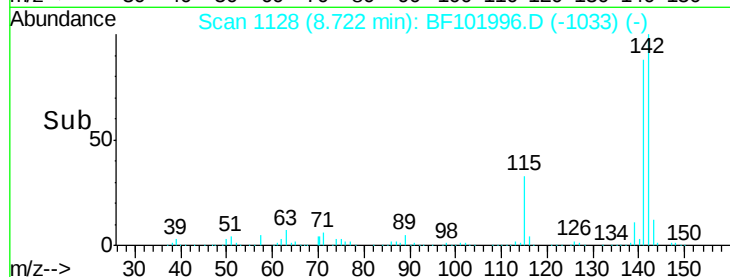
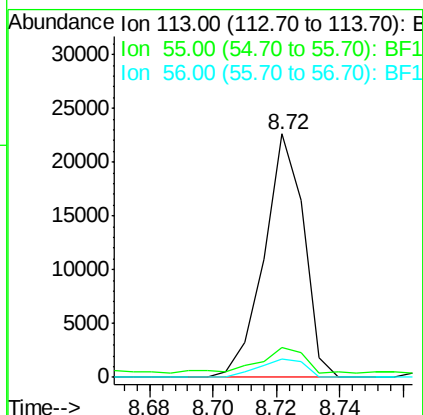
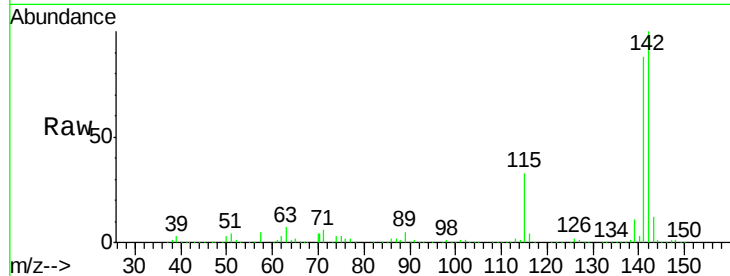




#35
Caprolactam
Concen: 4.851 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.26 min
Lab File: BF101996.D
Acq: 10 Jan 2018 23:03

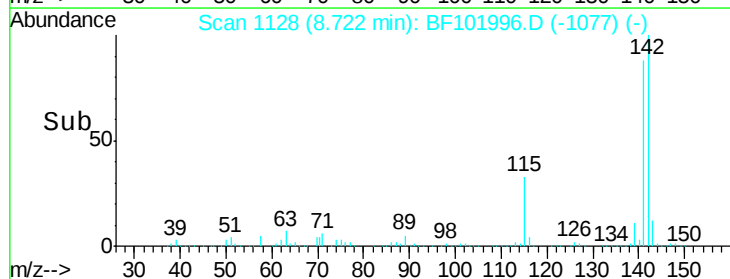
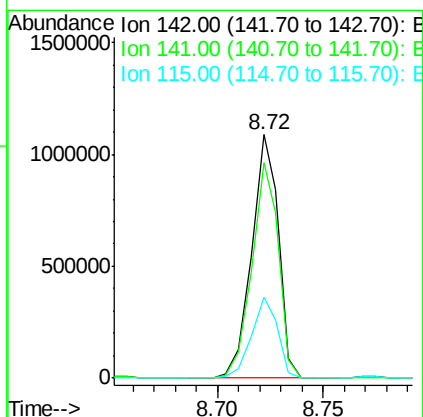
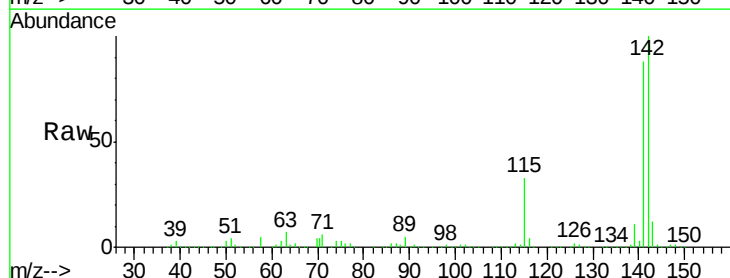
Instrument :
BNA_F
ClientSampleId :
WC-50-01

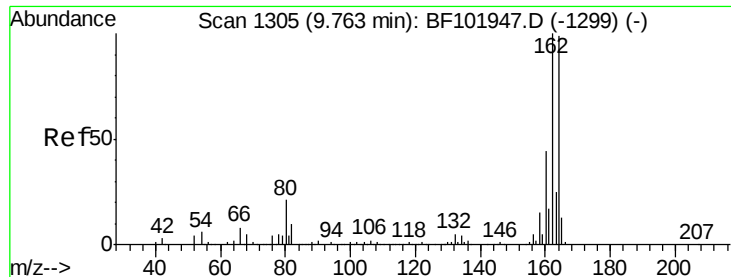
Tot Ion:113 Resp: 19615
Ion Ratio Lower Upper
113 100
55 12.4 163.3 203.3#
56 7.7 115.7 155.7#



#37
2-Methylnaphthalene
Concen: 33.616 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF101996.D
Acq: 10 Jan 2018 23:03

Tgt Ion:142 Resp: 959676
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2
115 33.3 26.1 39.1

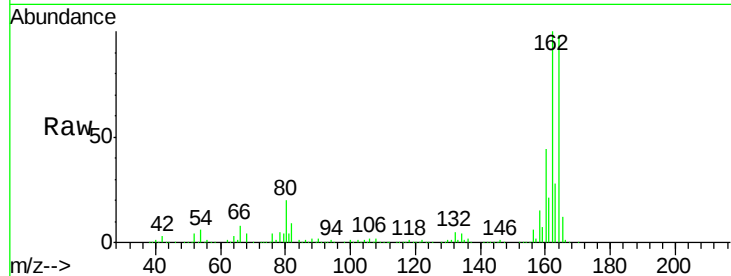




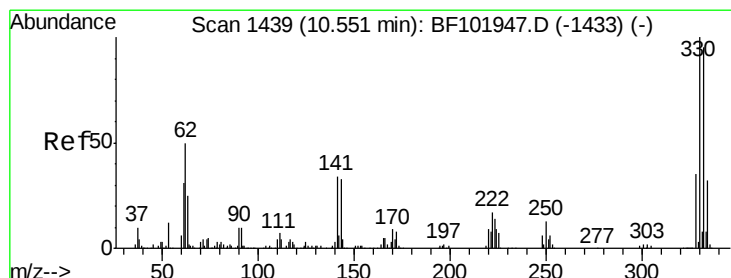
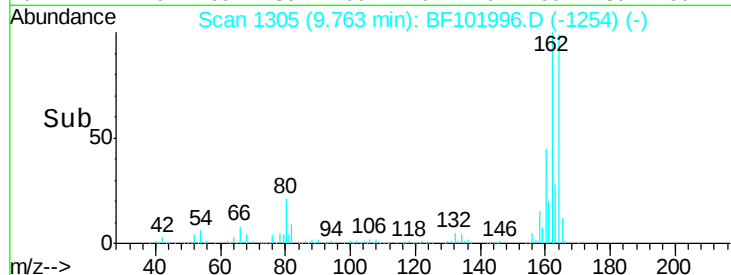
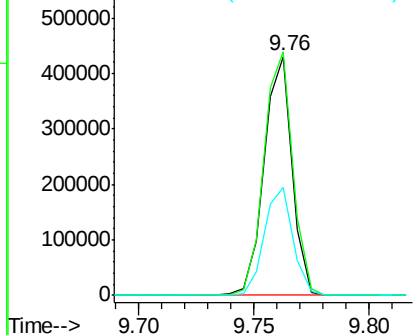
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF101996.D
 Acq: 10 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampled :
 WC-50-01

Tot Ion:164 Resp: 363394
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 45.4 38.3 57.5

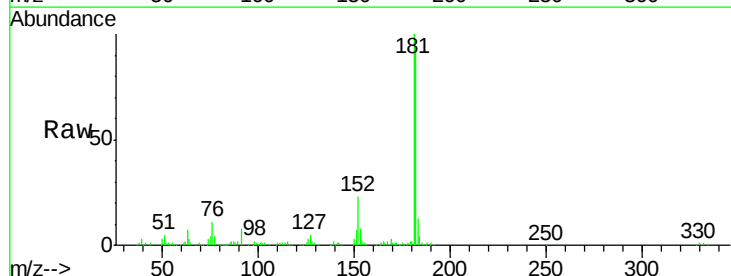


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

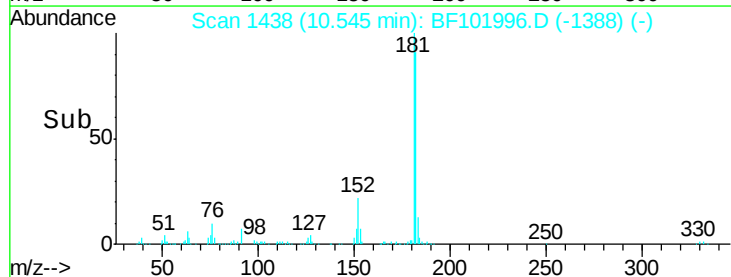
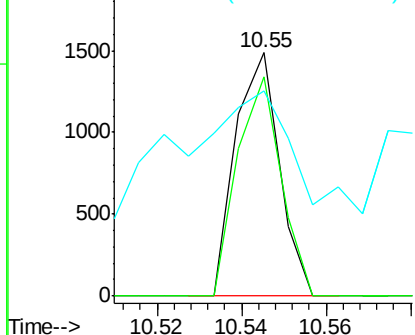


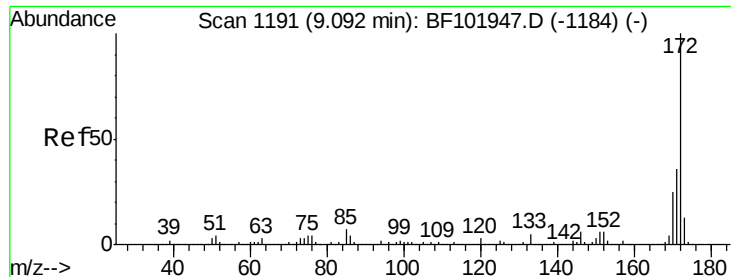
#41
 2,4,6-Tribromophenol
 Concen: 0.337 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF101996.D
 Acq: 10 Jan 2018 23:03

Tgt Ion:330 Resp: 1068
 Ion Ratio Lower Upper
 330 100
 332 90.1 77.0 115.6
 141 149.0 29.9 44.9#



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

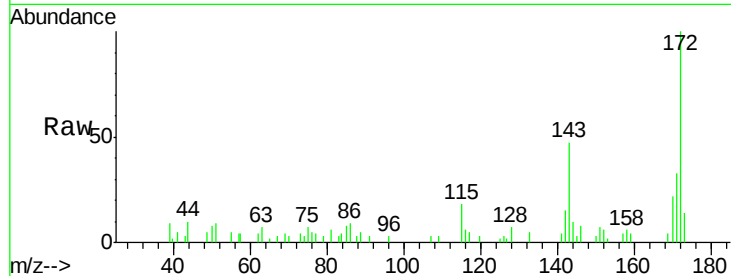




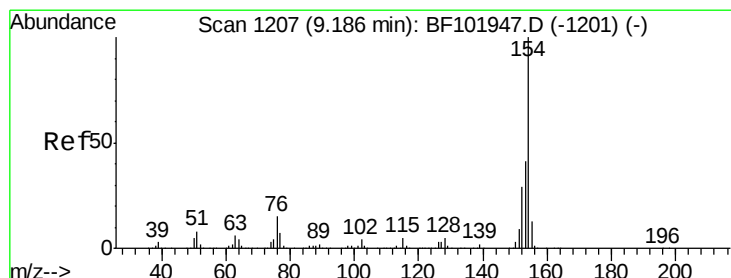
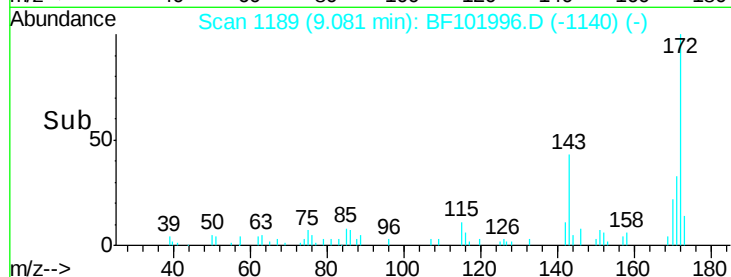
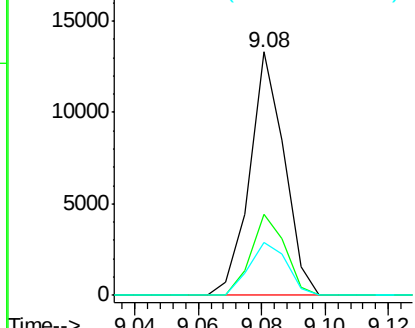
#44
2-Fluorobiphenyl
Concen: 0.433 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF101996.D
Acq: 10 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
WC-50-01

Tot Ion:172 Resp: 10071
Ion Ratio Lower Upper
172 100
171 33.2 29.7 44.5
170 22.0 19.6 29.4

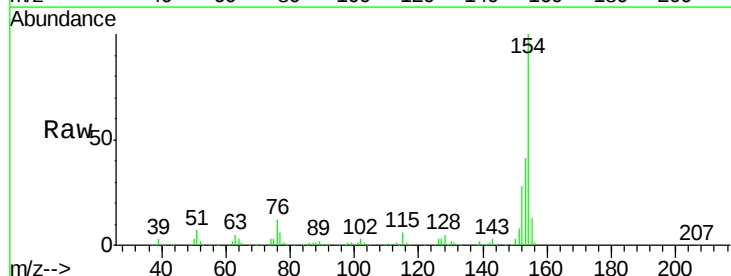


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

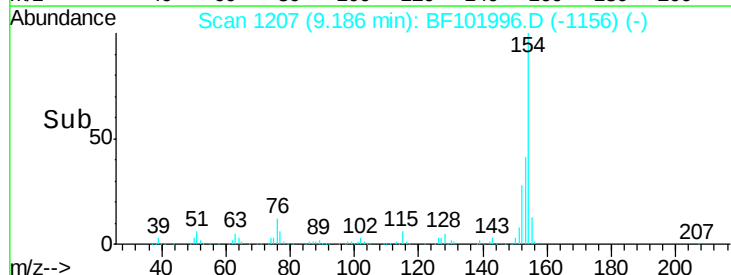
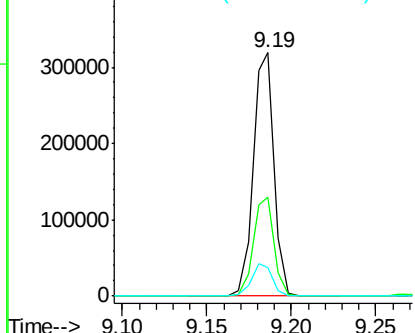


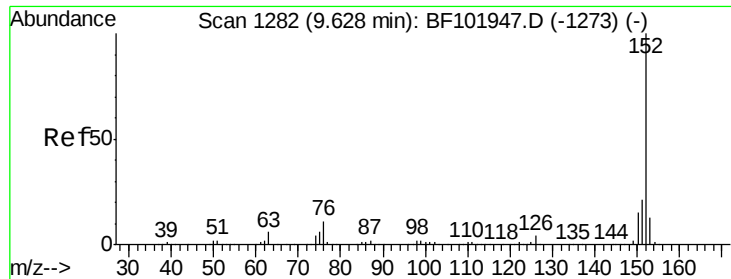
#45
1,1'-Biphenyl
Concen: 8.529 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101996.D
Acq: 10 Jan 2018 23:03

Tgt Ion:154 Resp: 273938
Ion Ratio Lower Upper
154 100
153 40.5 21.3 61.3
76 12.0 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: 25.403 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

WC-50-01

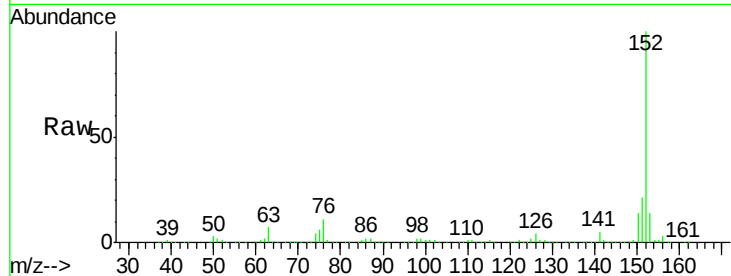
Tot Ion:152 Resp: 1004127

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

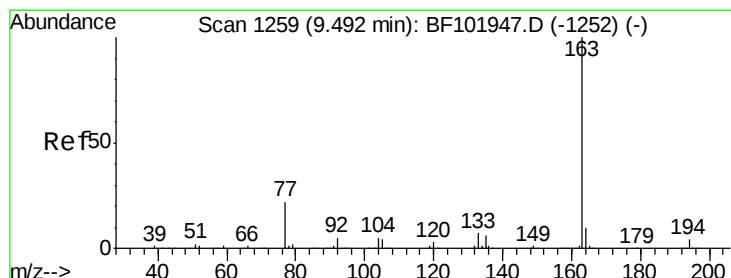
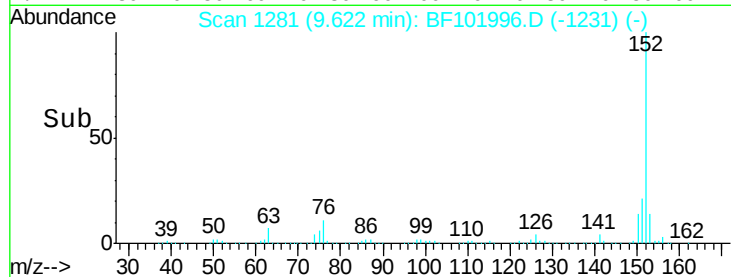
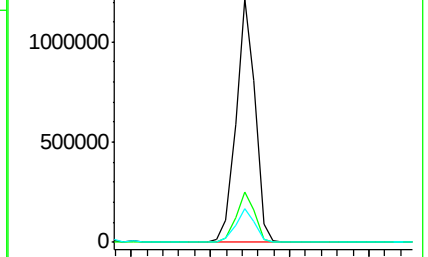
153 13.7 10.7 16.1



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



#49

Dimethylphthalate

Concen: 3.609 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.27 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

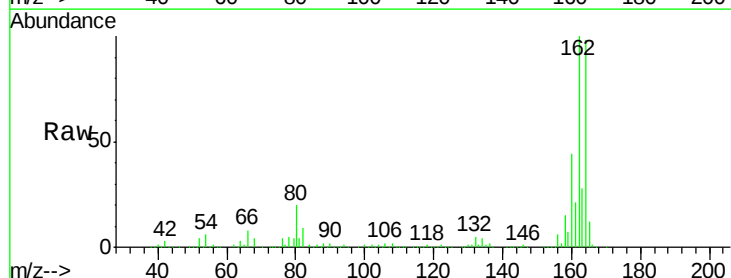
Tgt Ion:163 Resp: 105199

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

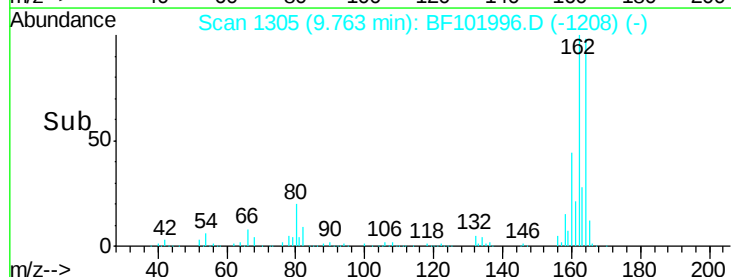
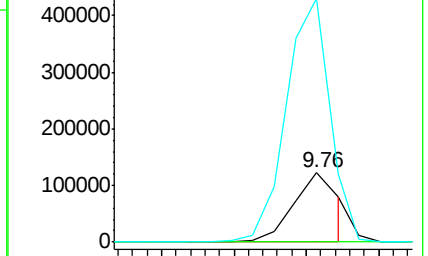
164 351.7 8.2 12.2#

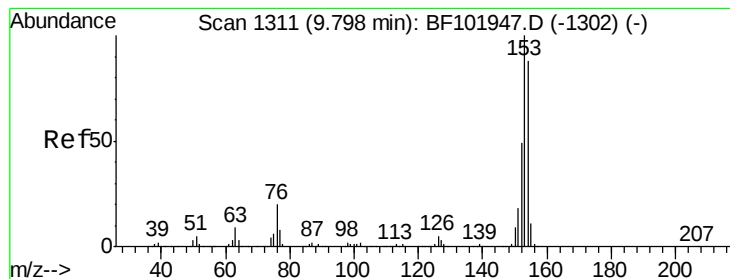


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 7.864 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

WC-50-01

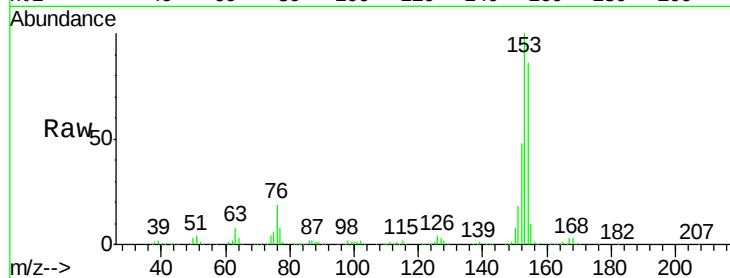
Tot Ion:154 Resp: 188665

Ion Ratio Lower Upper

154 100

153 115.8 91.2 136.8

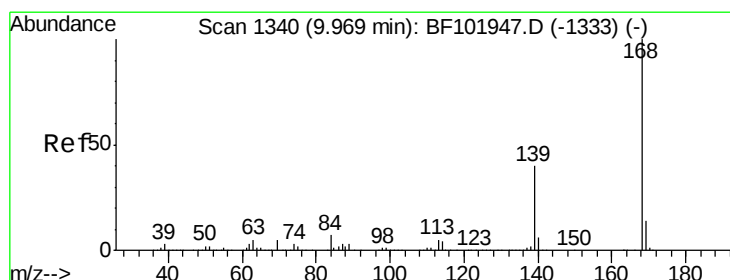
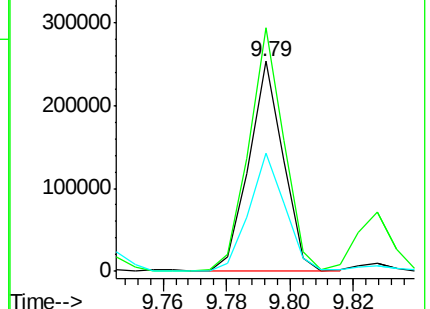
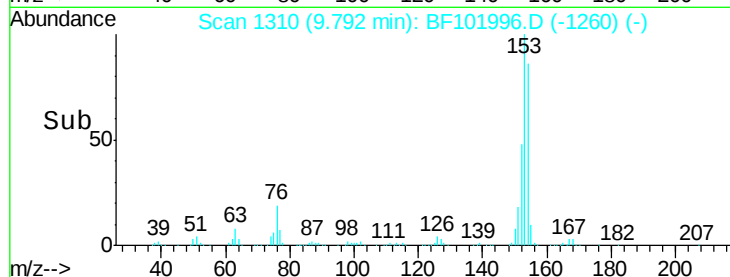
152 56.0 43.8 65.8



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



#54

Dibenzofuran

Concen: 24.942 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

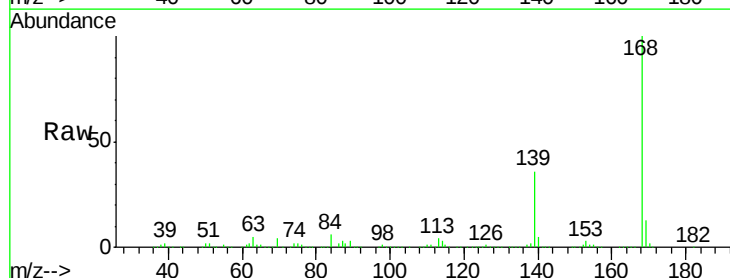
Tgt Ion:168 Resp: 821272

Ion Ratio Lower Upper

168 100

139 36.5 30.1 45.1

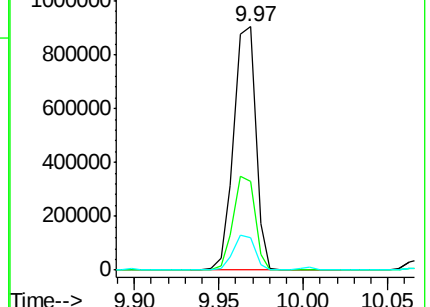
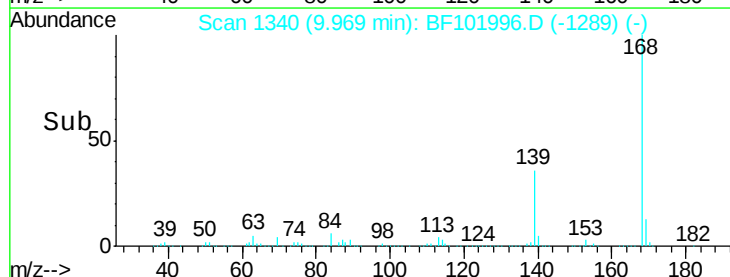
169 13.2 10.9 16.3

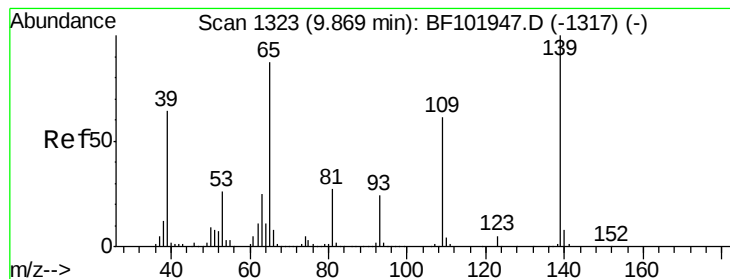


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 57.160 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.09 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

WC-50-01

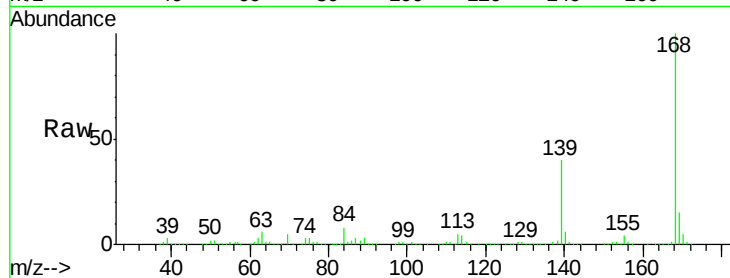
Tot Ion:139 Resp: 313052

Ion Ratio Lower Upper

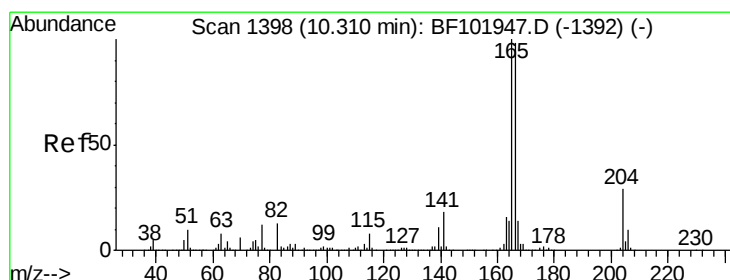
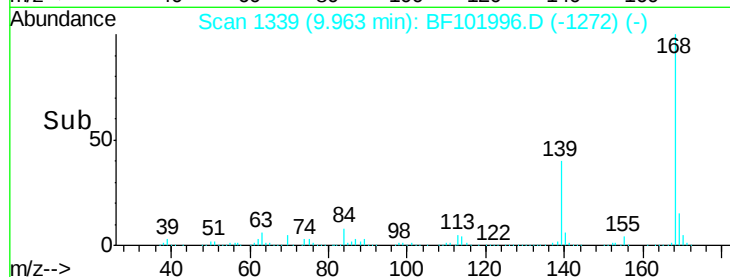
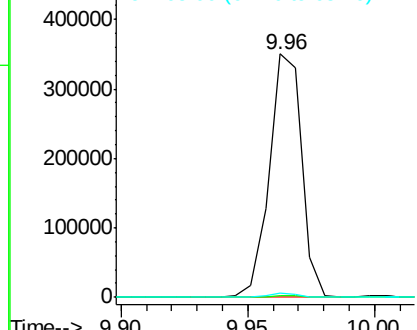
139 100

109 0.8 48.4 88.4#

65 1.6 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: 42.760 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

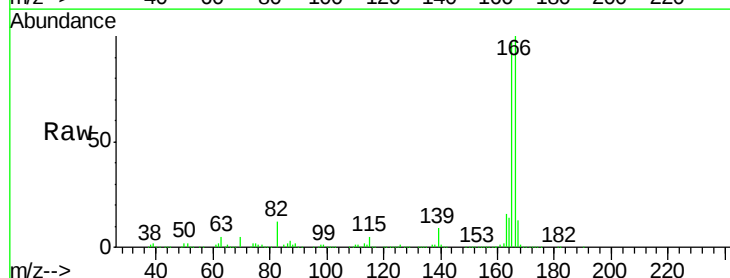
Tgt Ion:166 Resp: 973316

Ion Ratio Lower Upper

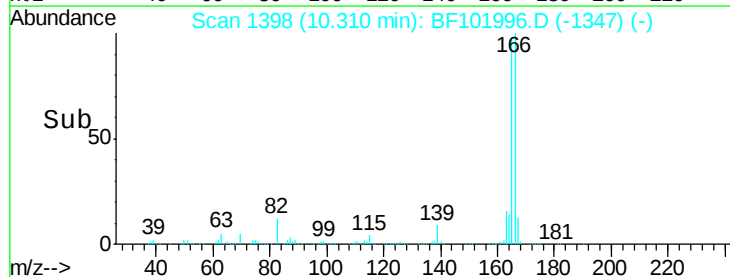
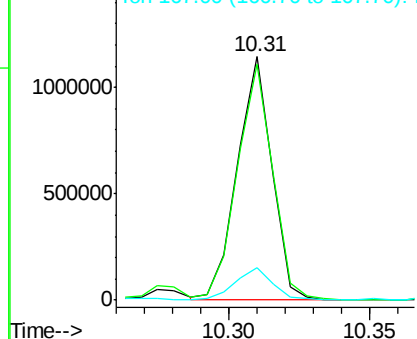
166 100

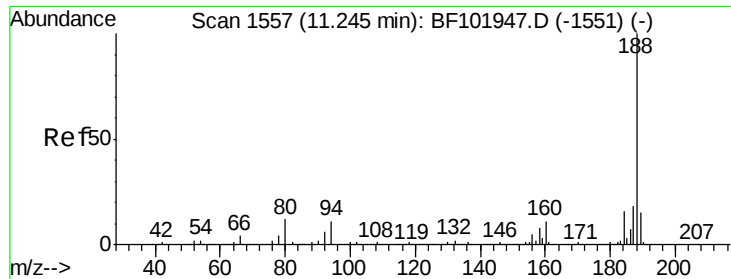
165 97.1 79.8 119.8

167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

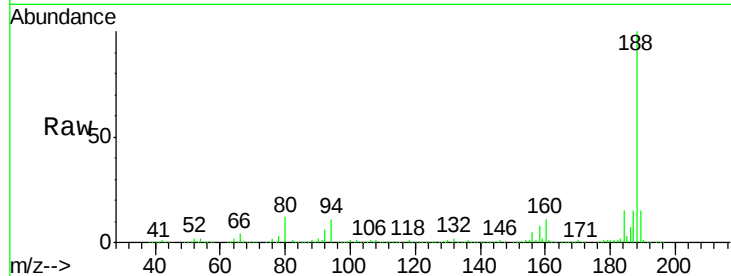




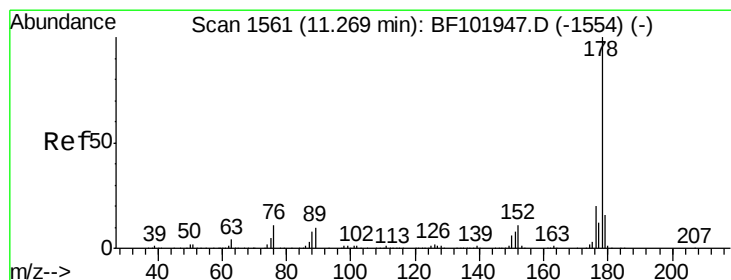
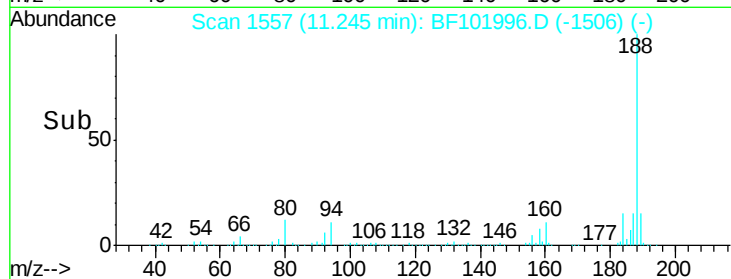
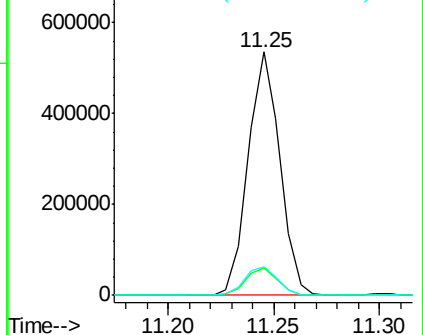
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101996.D
Acq: 10 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
WC-50-01

Tot Ion:188 Resp: 557740
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 11.8 9.2 13.8

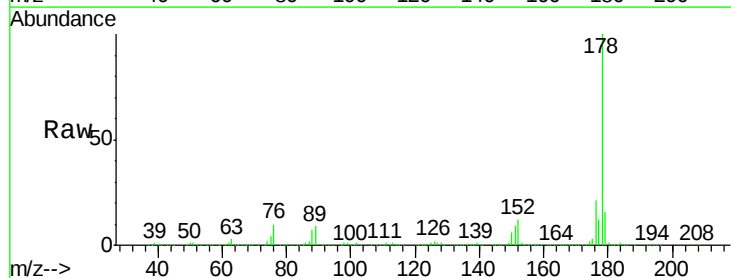


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

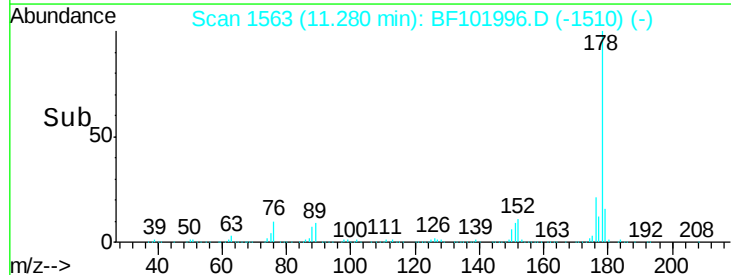
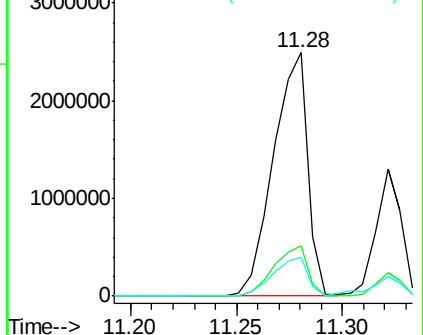


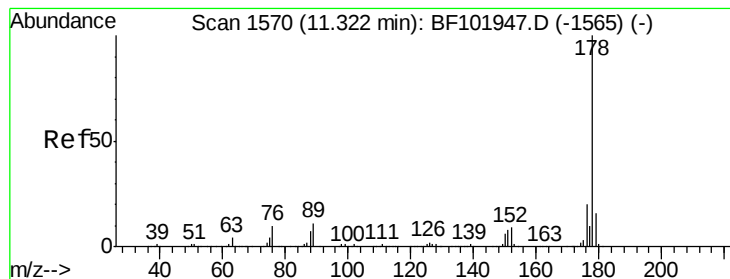
#70
Phenanthrene
Concen: 86.587 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF101996.D
Acq: 10 Jan 2018 23:03

Tgt Ion:178 Resp: 2820950
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.8
179 15.7 13.0 19.6



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





#71

Anthracene

Concen: 31.882 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

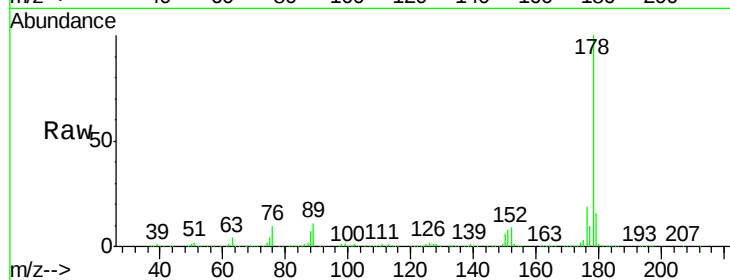
BNA_F

ClientSampleId :

WC-50-01

Tot Ion:178 Resp: 1053434

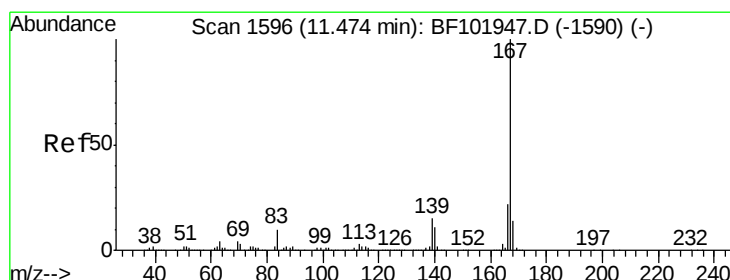
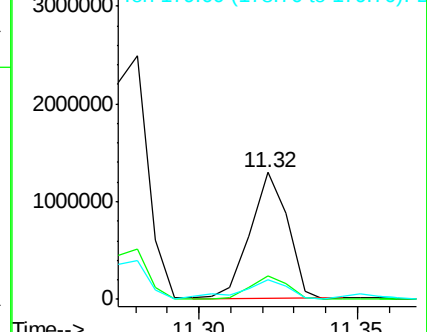
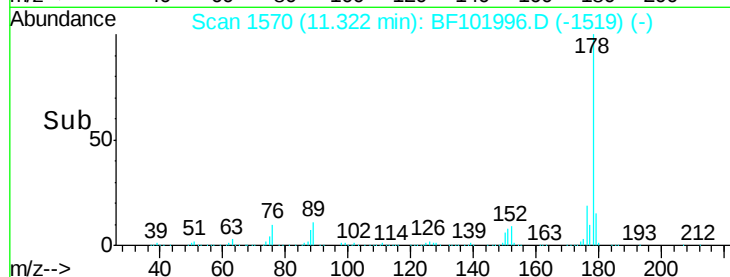
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.7	12.6	19.0



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: 10.976 ng

RT: 11.47 min Scan# 1596

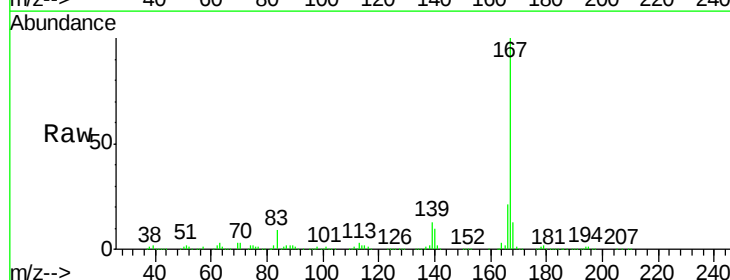
Delta R.T. 0.00 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Tgt Ion:167 Resp: 356448

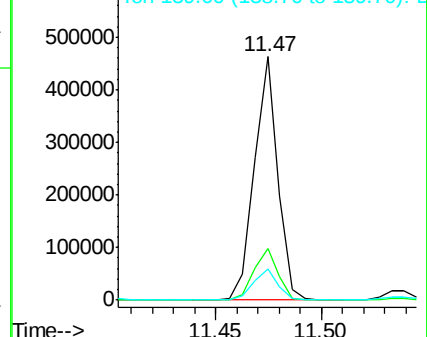
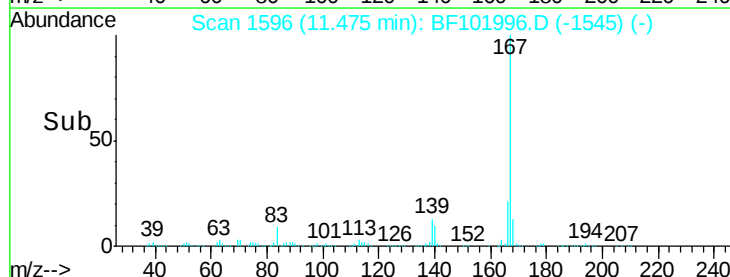
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	12.9	10.9	16.3

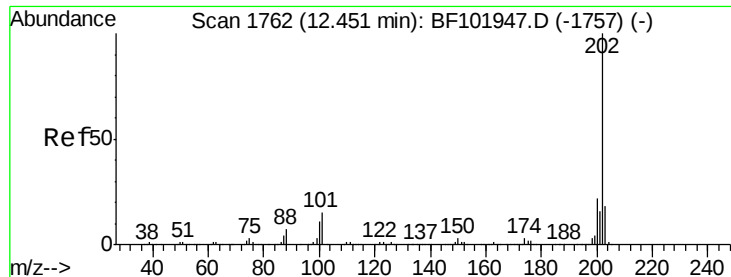


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 53.814 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

WC-50-01

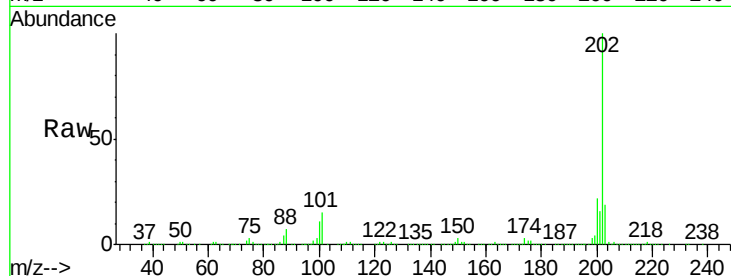
Tot Ion:202 Resp: 1724938

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.1

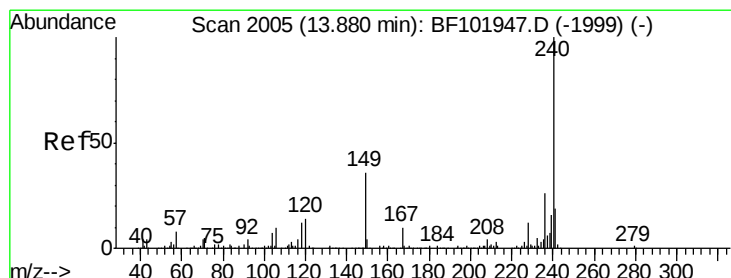
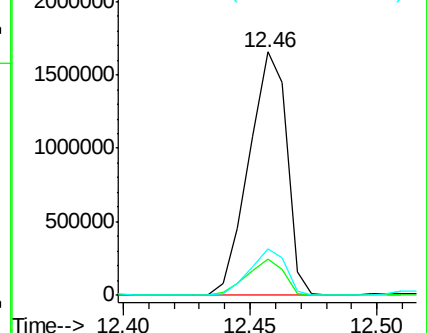
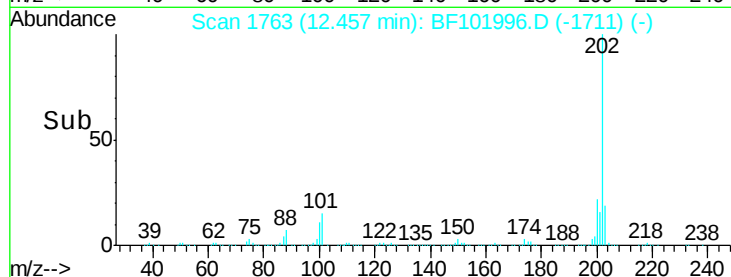
203 18.9 0.0 38.1



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: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

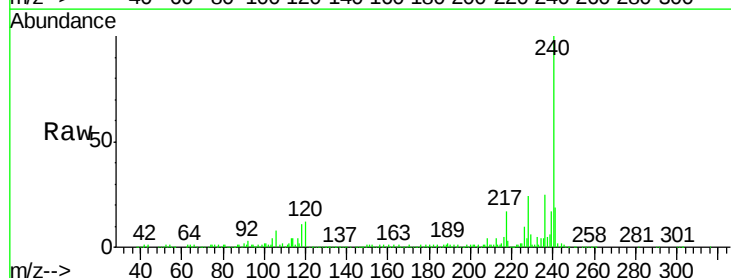
Tgt Ion:240 Resp: 311452

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

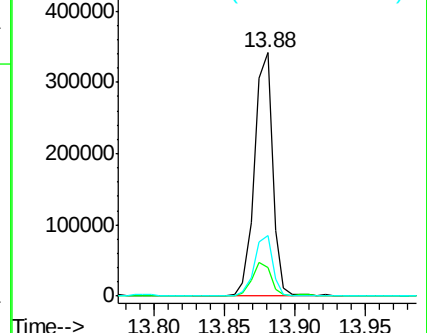
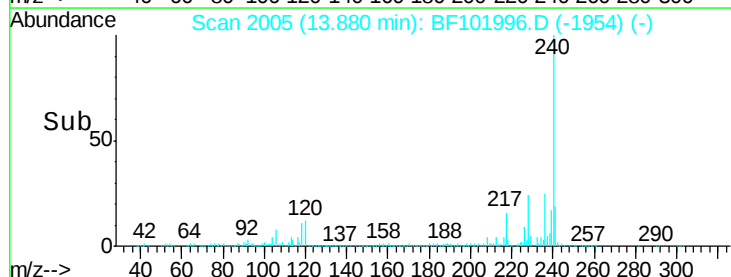
236 24.8 20.7 31.1

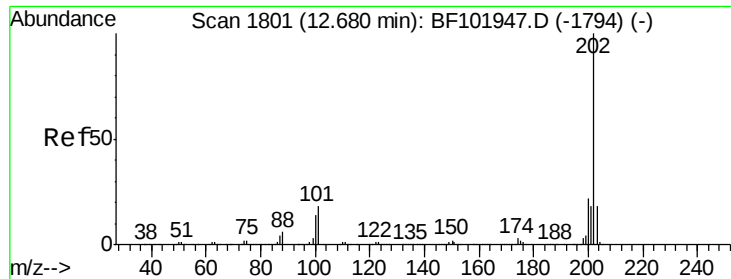


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 51.899 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

WC-50-01

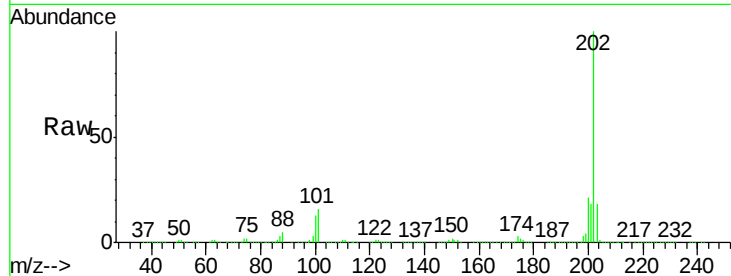
Tot Ion:202 Resp: 1428806

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

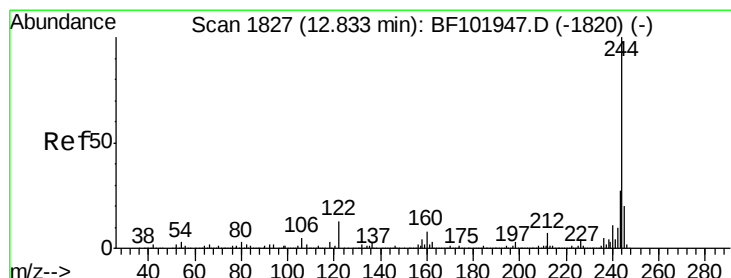
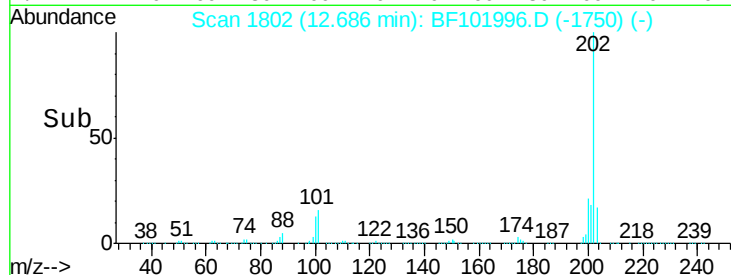
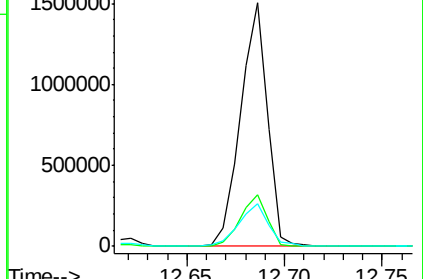
203 17.6 14.3 21.5



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: 0.514 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

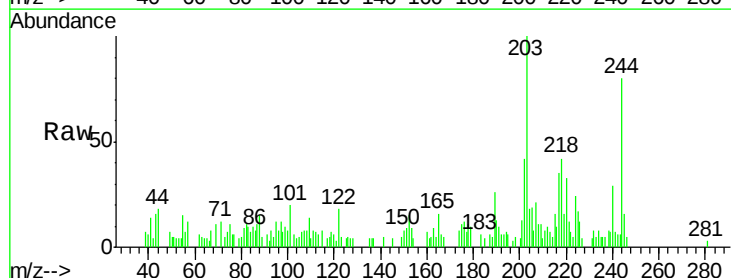
Tgt Ion:244 Resp: 7706

Ion Ratio Lower Upper

244 100

212 12.1 5.4 8.0#

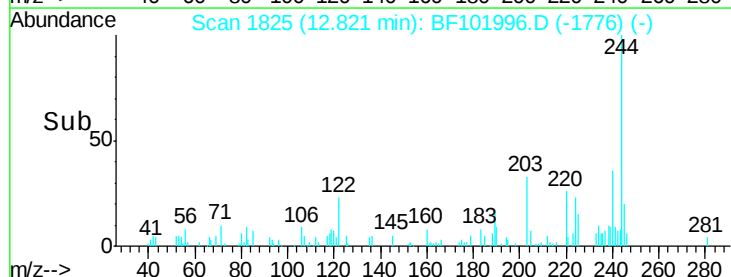
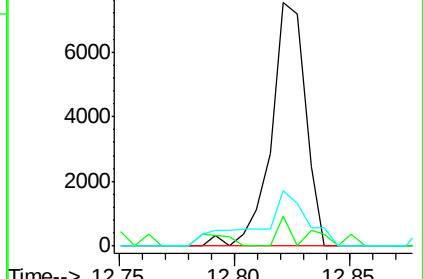
122 23.0 11.0 16.4#

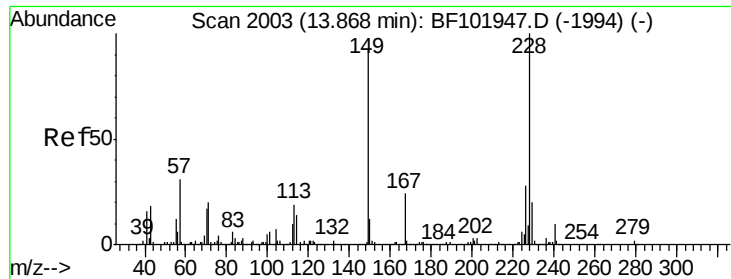


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 27.165 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

WC-50-01

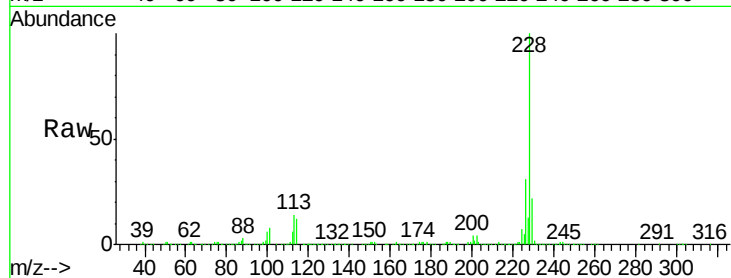
Tot Ion:228 Resp: 539817

Ion Ratio Lower Upper

228 100

226 30.5 22.6 33.8

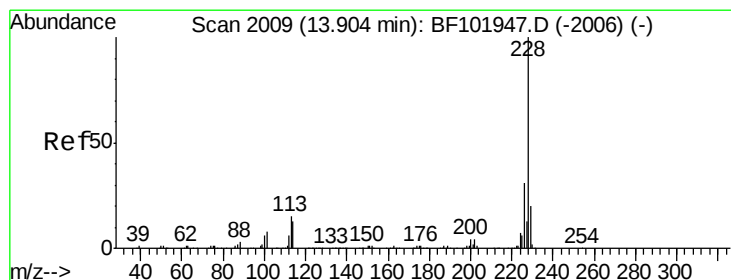
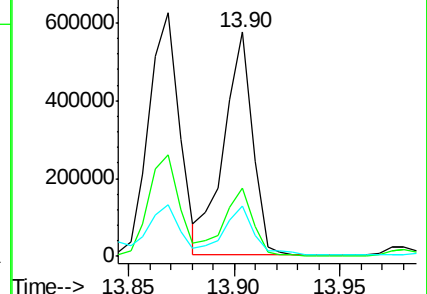
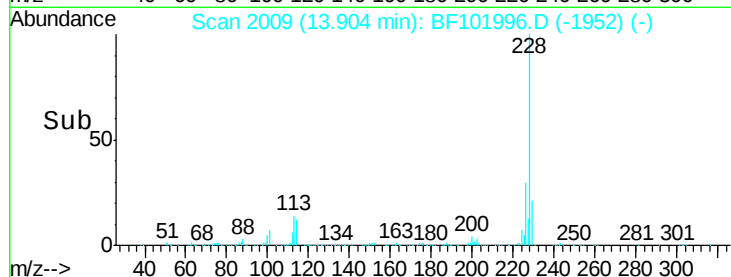
229 22.3 15.8 23.6



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: 26.052 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

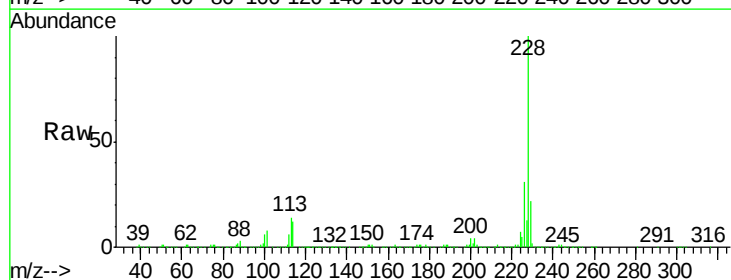
Tgt Ion:228 Resp: 539817

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

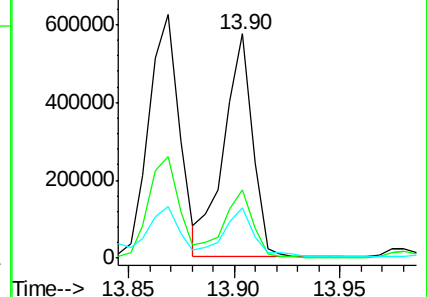
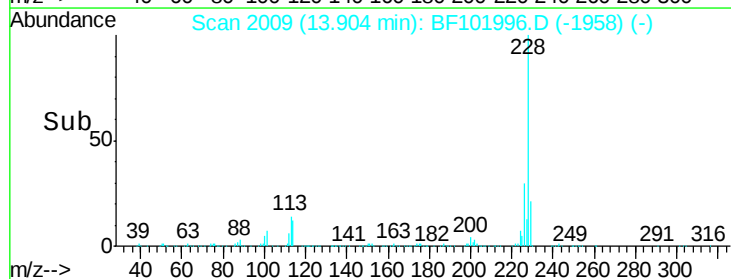
229 22.3 16.2 24.4

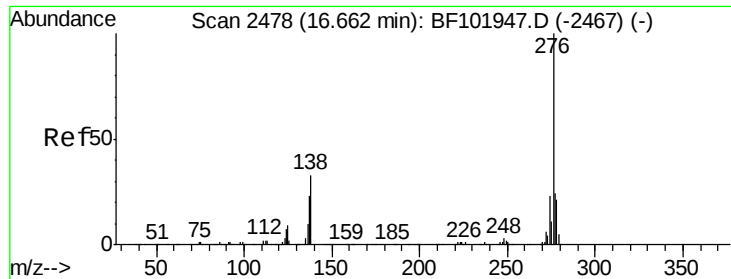


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

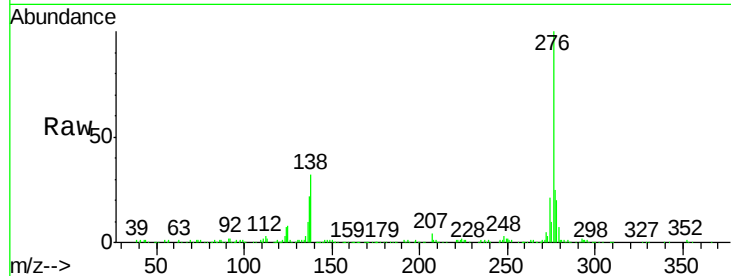




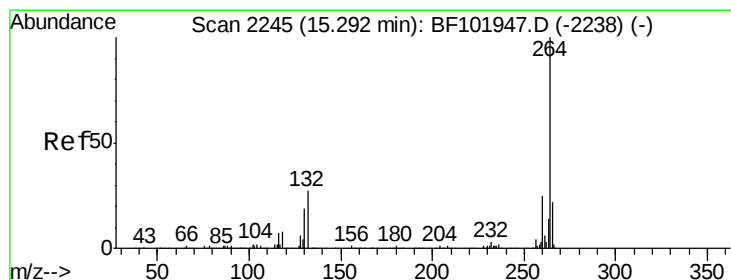
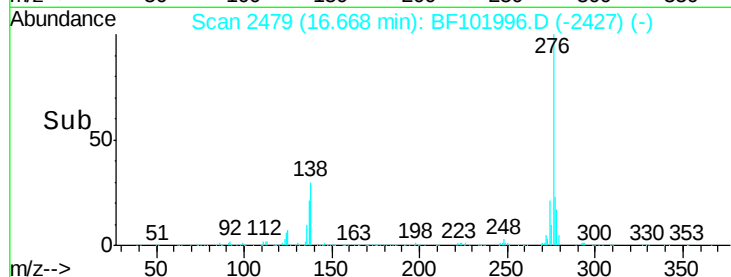
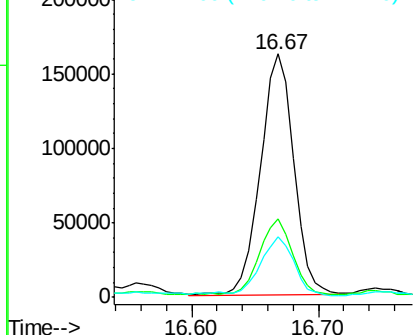
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.695 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.01 min
Lab File: BF101996.D
Acq: 10 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
WC-50-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.4	25.0	37.6
277	25.4	20.1	30.1

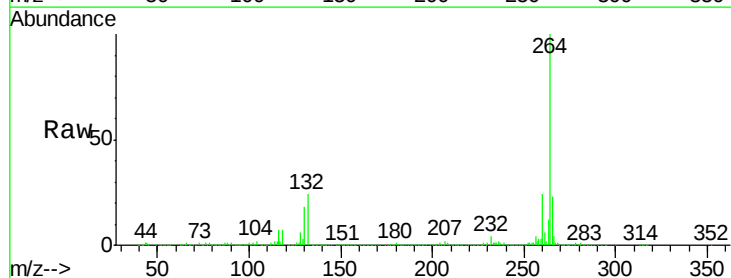


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

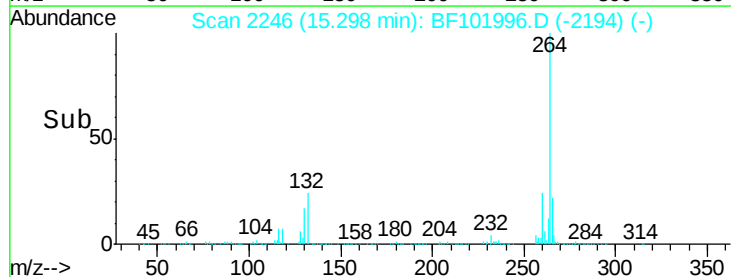
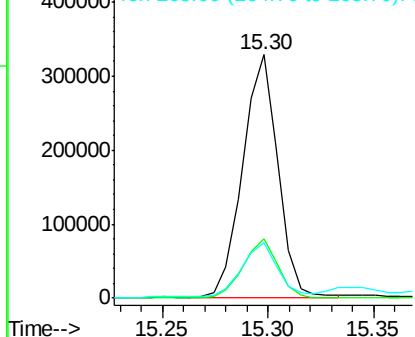


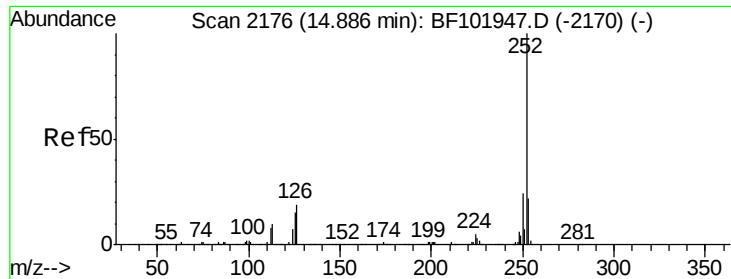
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF101996.D
Acq: 10 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.6	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: 35.560 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

WC-50-01

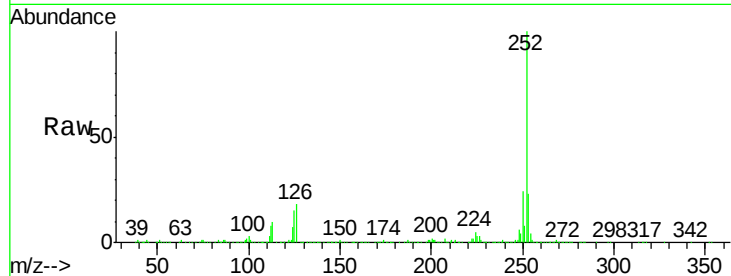
Tot Ion:252 Resp: 875992

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

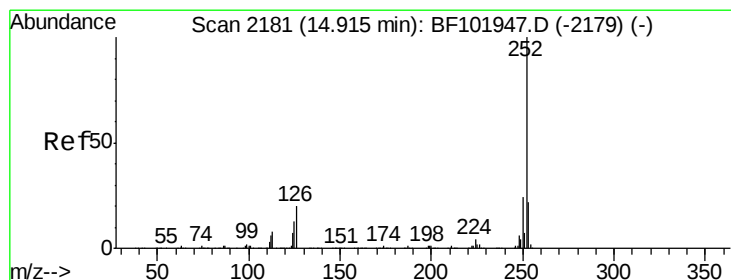
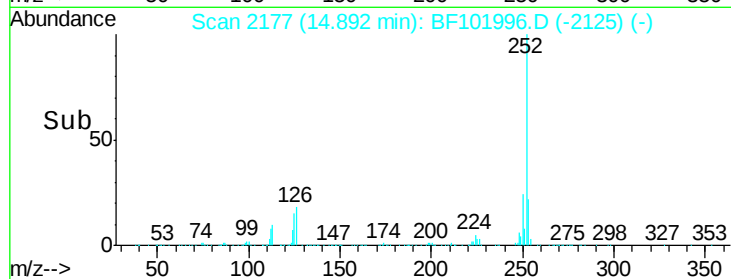
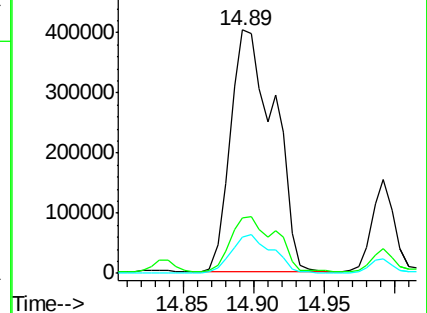
125 14.8 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.862 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

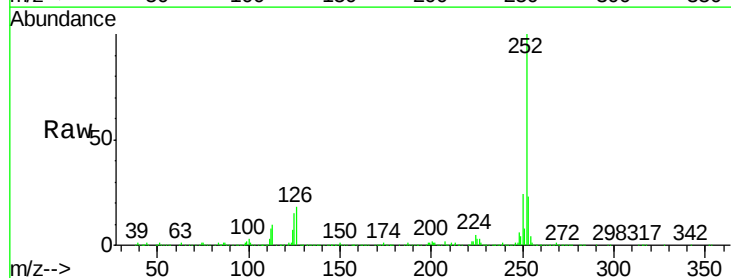
Tgt Ion:252 Resp: 875992

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

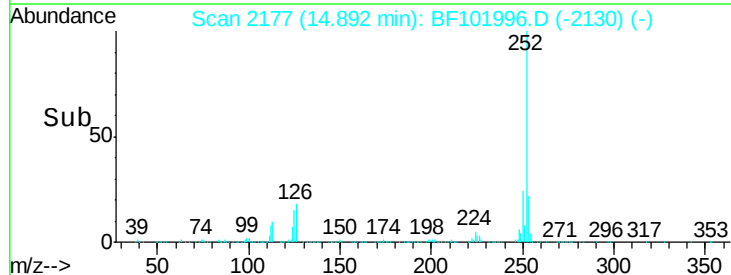
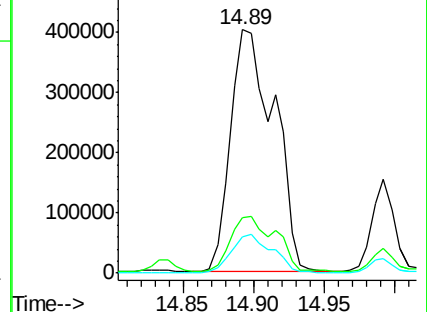
125 14.8 10.2 15.2

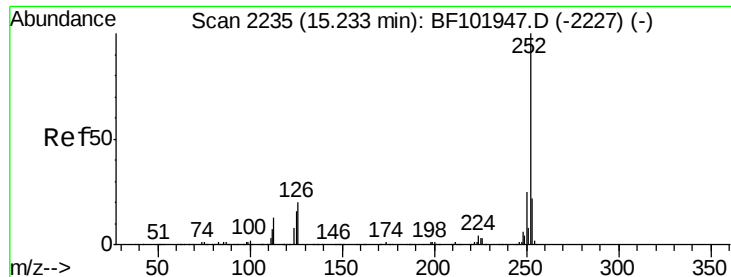


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 24.304 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

WC-50-01

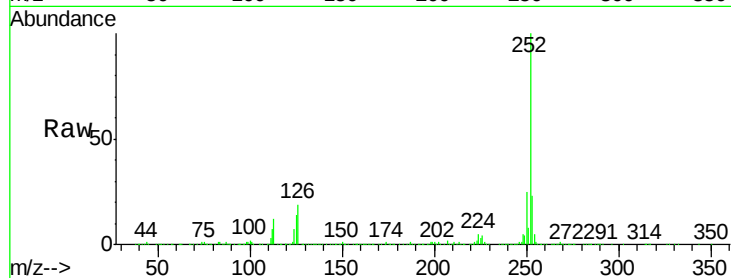
Tot Ion:252 Resp: 538761

Ion Ratio Lower Upper

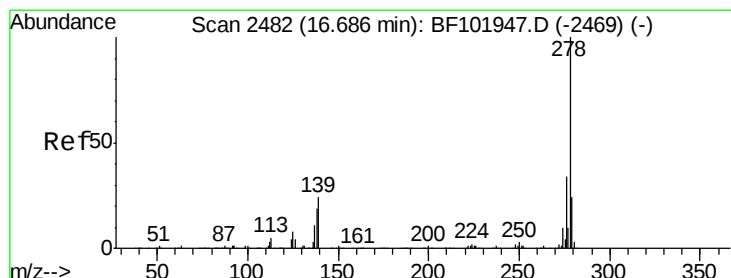
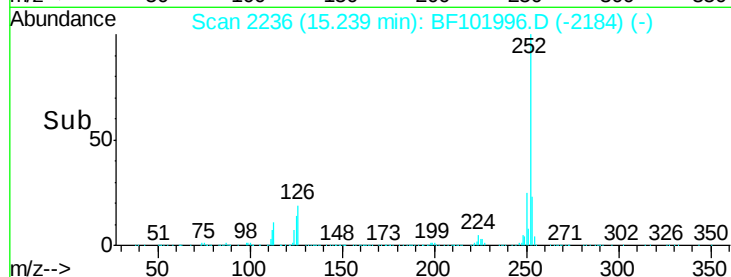
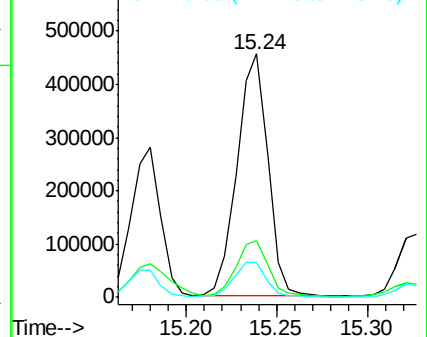
252 100

253 23.4 17.1 25.7

125 14.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.541 ng

RT: 16.50 min Scan# 2450

Delta R.T. -0.19 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

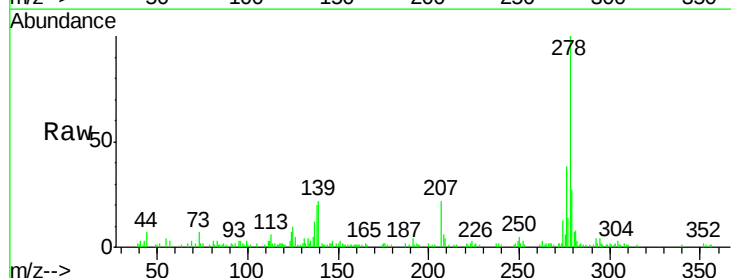
Tgt Ion:278 Resp: 62636

Ion Ratio Lower Upper

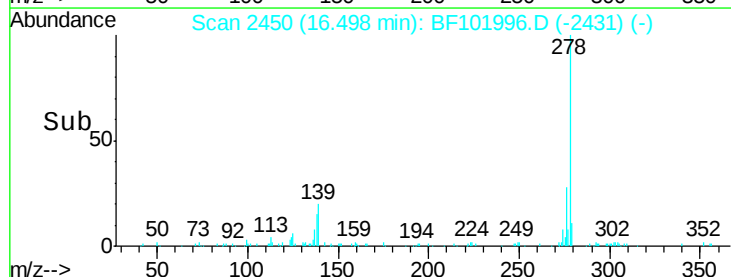
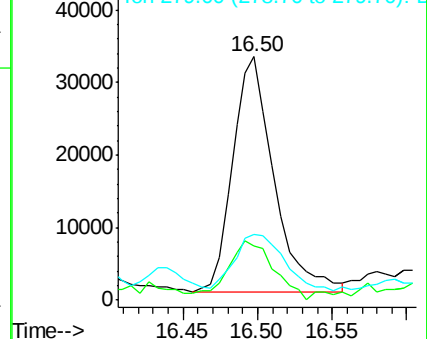
278 100

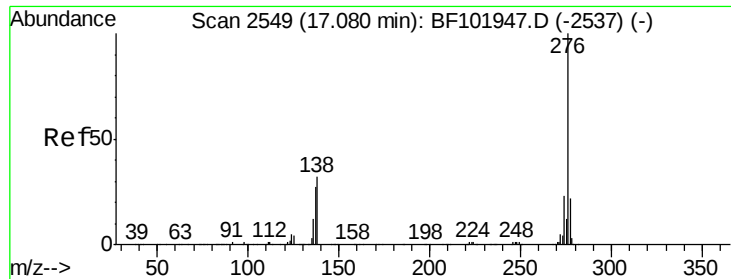
139 22.4 15.9 23.9

279 26.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 15.128 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF101996.D

Acq: 10 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

WC-50-01

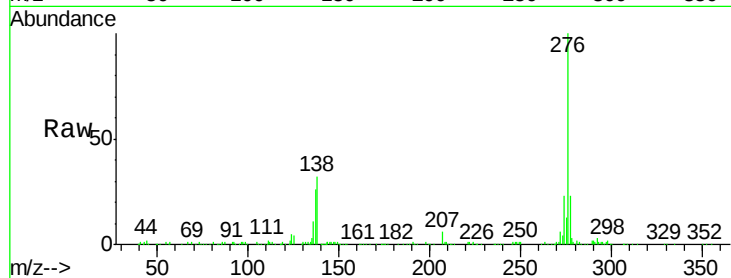
Tot Ion: 276 Resp: 269578

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 31.7 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

