

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101987.D
 Acq On : 10 Jan 2018 19:03
 Operator : SJ/JU
 Sample : J1076-04 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12R12-01

Quant Time: Jan 11 01:54:33 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	224296	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	920120	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	391834	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	623422	20.00	ng	0.00
75) Chrysene-d12	13.87	240	349123	20.00	ng	0.00
86) Perylene-d12	15.30	264	378720	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	7116	0.45	ng	0.00
7) Phenol-d6	6.35	99	8723	0.46	ng	0.00
23) Nitrobenzene-d5	7.28	82	5885	0.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	1382	0.40	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	10381	0.41	ng	-0.01
78) Terphenyl-d14	12.82	244	7784	0.46	ng	-0.01

Target Compounds

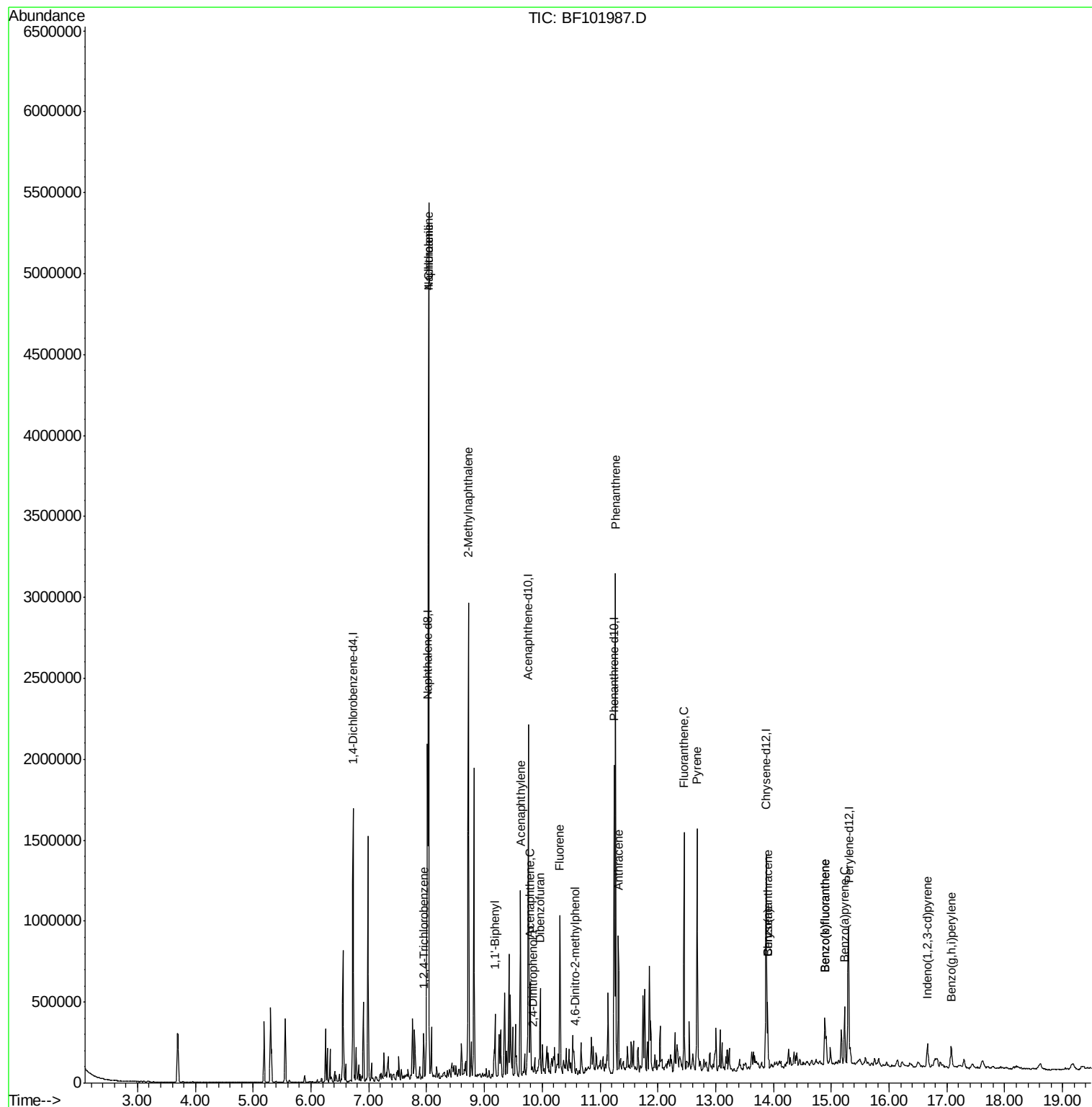
						Qvalue
30) 1,2,4-Trichlorobenzene	7.95	180	41410	3.170	ng	95
31) Naphthalene	8.03	128	2492747	54.217	ng	99
33) 4-Chloroaniline	8.03	127	342547	17.456	ng	# 35
37) 2-Methylnaphthalene	8.72	142	689393	22.776	ng	100
45) 1,1'-Biphenyl	9.19	154	114688	3.311	ng	96
48) Acenaphthylene	9.62	152	349963	8.211	ng	99
51) Acenaphthene	9.79	154	95117	3.677	ng	99
53) 2,4-Dinitrophenol	9.84	184	337	8.783	ng	# 23
54) Dibenzofuran	9.96	168	128450	3.618	ng	# 97
57) Fluorene	10.31	166	274180	11.171	ng	98
64) 4,6-Dinitro-2-methylphenol	10.57	198	110	5.691	ng	# 1
70) Phenanthrene	11.27	178	1024207	28.125	ng	99
71) Anthracene	11.32	178	292493	7.920	ng	98
74) Fluoranthene	12.45	202	524659	14.644	ng	99
77) Pyrene	12.68	202	557313	18.059	ng	99
80) Benzo(a)anthracene	13.90	228	142066	6.378	ng	96
82) Chrysene	13.90	228	142066	6.116	ng	98
85) Indeno(1,2,3-cd)pyrene	16.66	276	81586	4.826	ng	98
87) Benzo(b)fluoranthene	14.89	252	209721	8.493	ng	# 97
88) Benzo(k)fluoranthene	14.89	252	209721	8.804	ng	98
89) Benzo(a)pyrene	15.23	252	150738	6.784	ng	97
91) Benzo(g,h,i)perylene	17.07	276	83679	4.685	ng	94

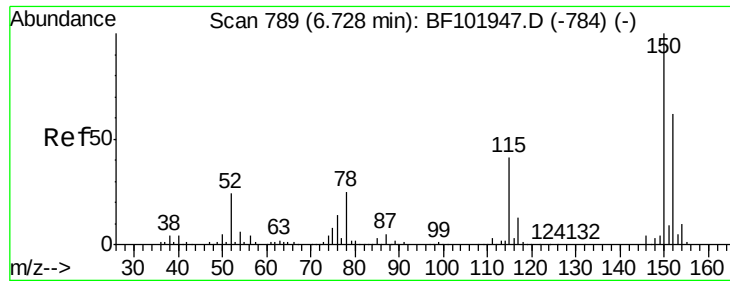
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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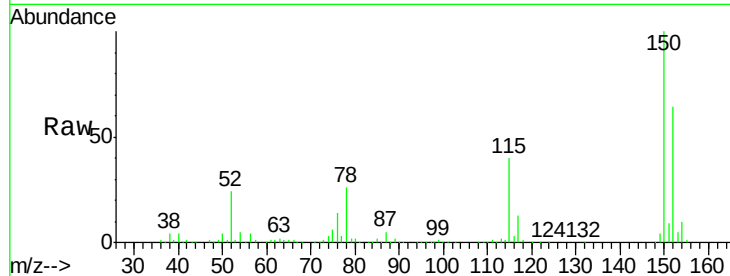


#1

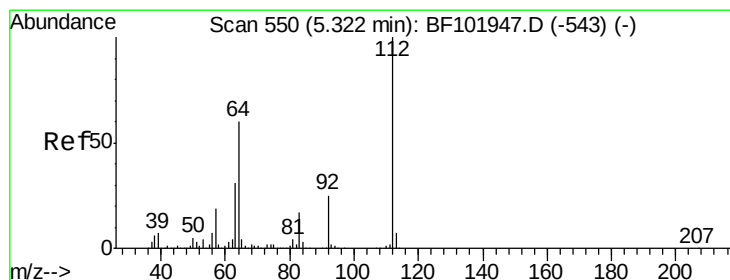
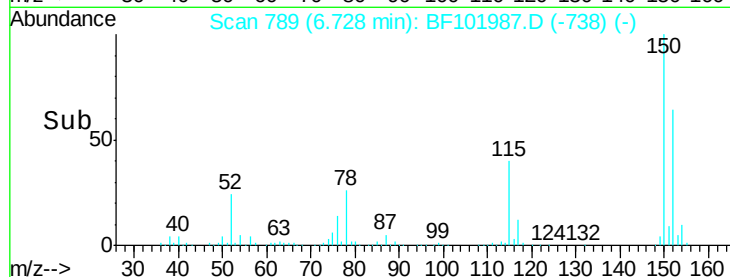
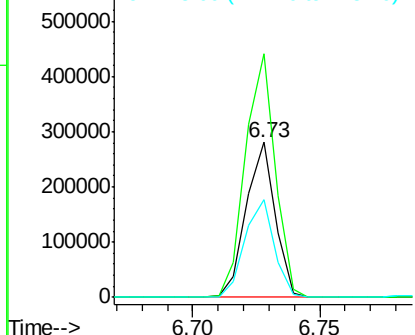
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101987.D
Acq: 10 Jan 2018 19:03

Instrument :
BNA_F
ClientSampleId :
WC-12R12-01

Tot Ion:152 Resp: 224296
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 62.9 50.1 75.1



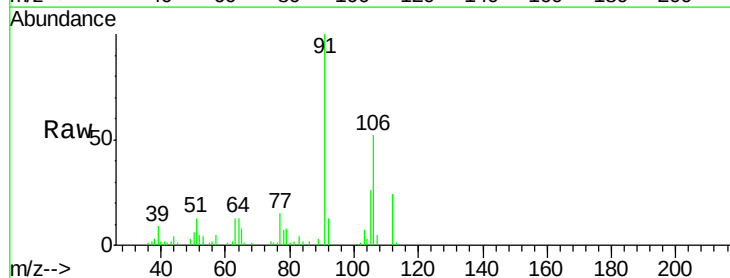
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



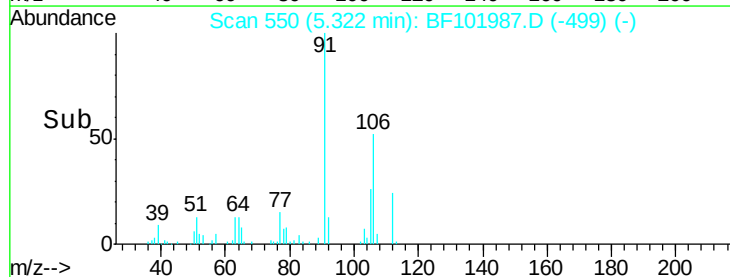
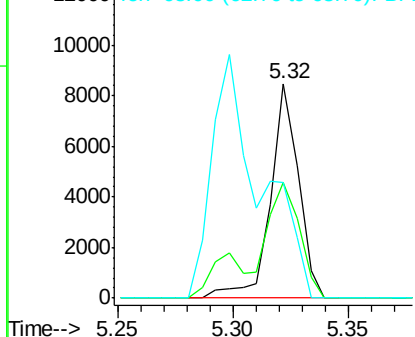
#5

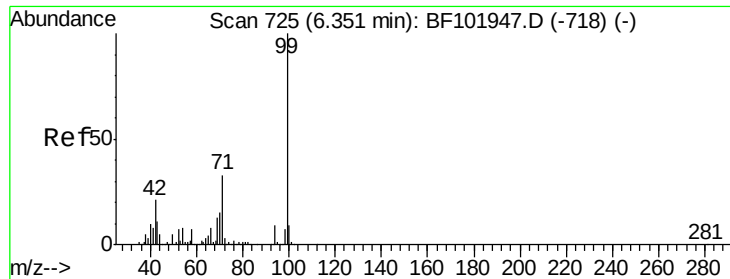
2-Fluorophenol
Concen: 0.448 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF101987.D
Acq: 10 Jan 2018 19:03

Tgt Ion:112 Resp: 7116
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 53.9 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: 0.460 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

Instrument :

BNA_F

ClientSampleId :

WC-12R12-01

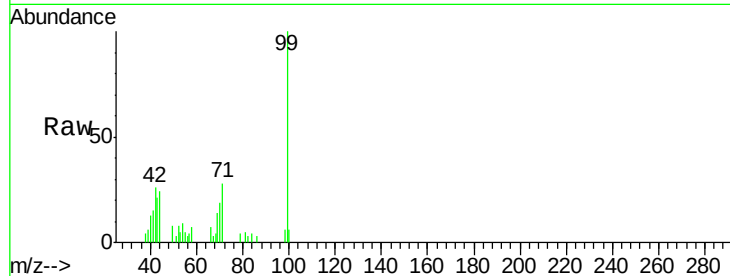
Tot Ion: 99 Resp: 8723

Ion Ratio Lower Upper

99 100

42 26.3 14.5 21.7#

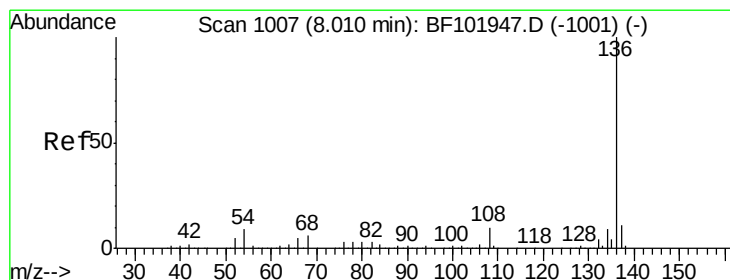
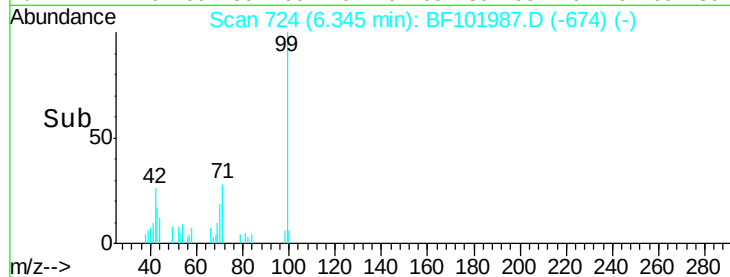
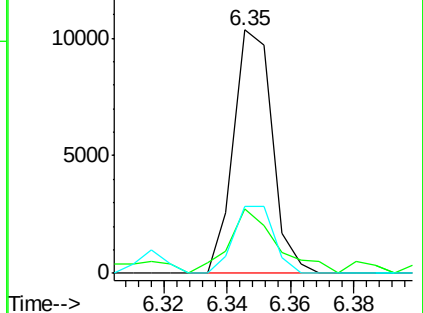
71 27.8 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

Tgt Ion: 136 Resp: 920120

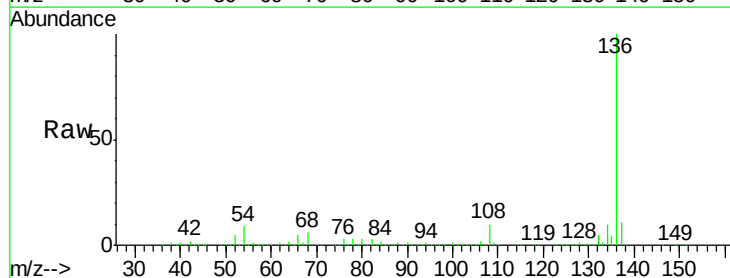
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.0 6.6 9.8

68 6.1 5.0 7.4

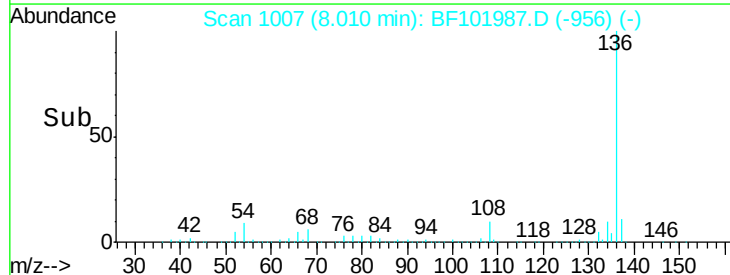
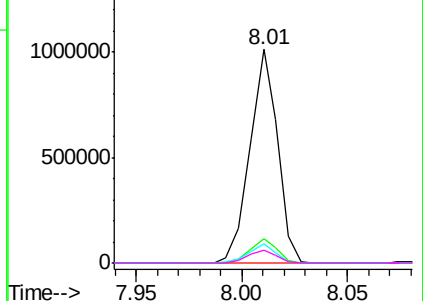


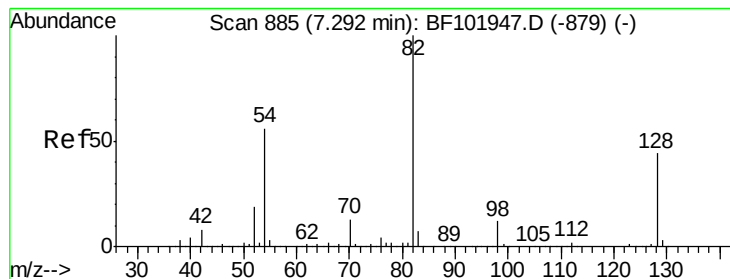
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.376 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

Instrument :

BNA_F

ClientSampleId :

WC-12R12-01

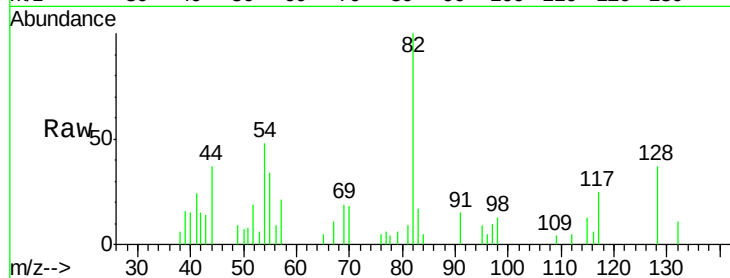
Tot Ion: 82 Resp: 5885

Ion Ratio Lower Upper

82 100

128 37.2 36.1 54.1

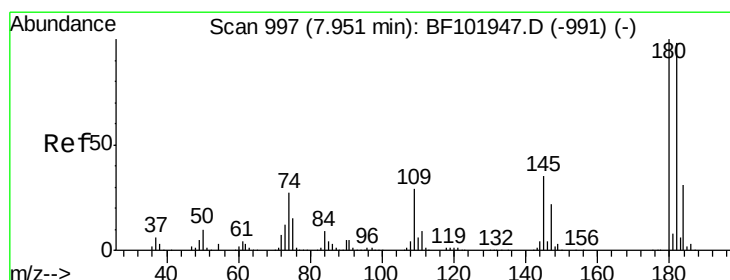
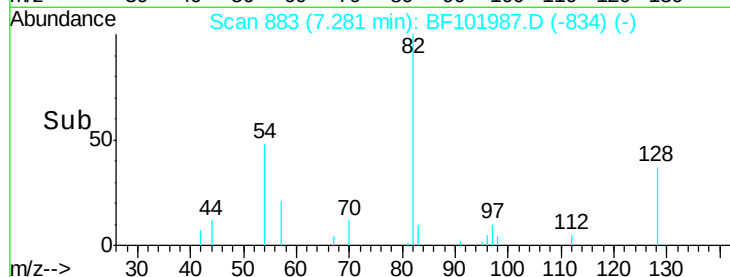
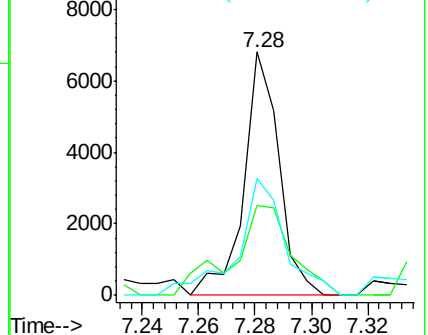
54 48.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 3.170 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

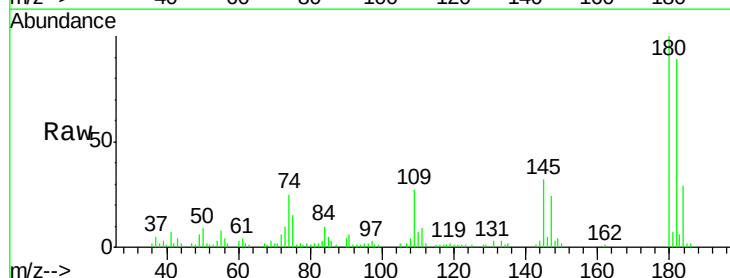
Tgt Ion: 180 Resp: 41410

Ion Ratio Lower Upper

180 100

182 89.2 76.8 115.2

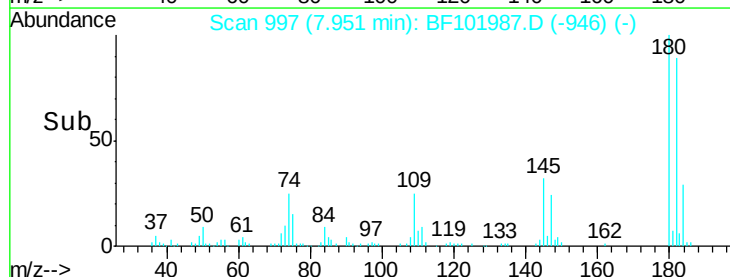
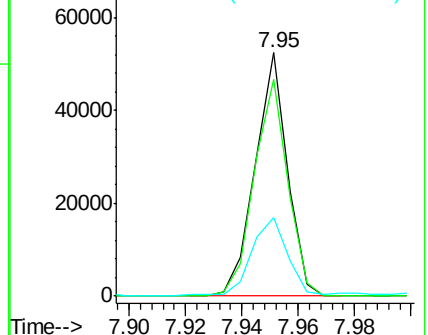
145 32.4 26.5 39.7

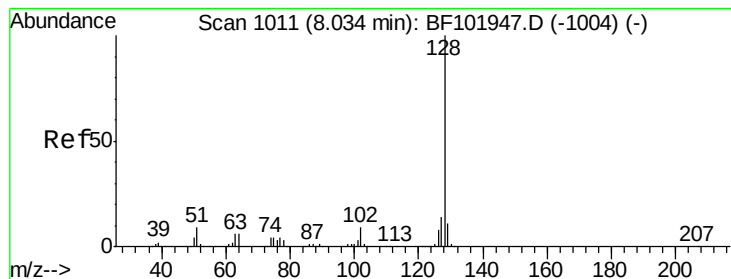


Abundance Ion 180.00 (179.70 to 180.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 145.00 (144.70 to 145.70): BF1





#31

Naphthalene

Concen: 54.217 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

Instrument :

BNA_F

ClientSampleId :

WC-12R12-01

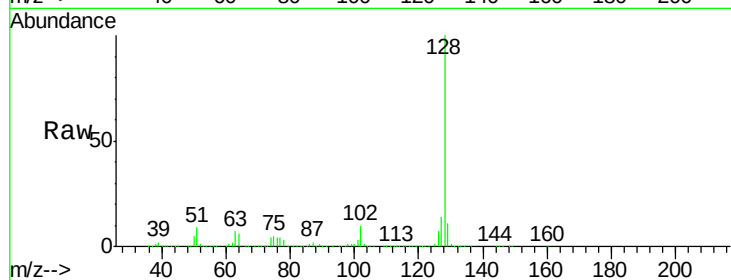
Tot Ion:128 Resp: 2492747

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

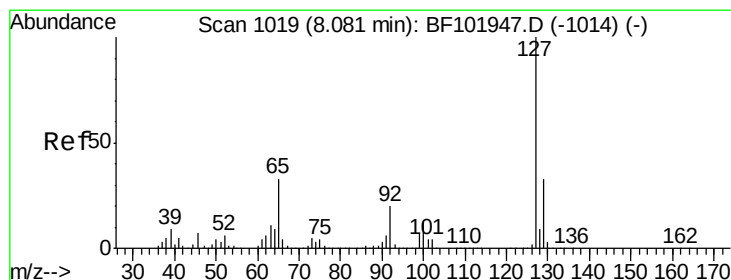
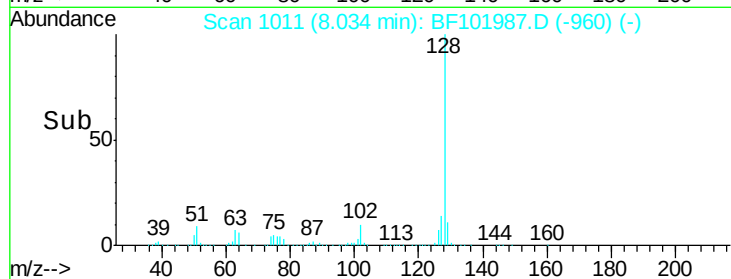
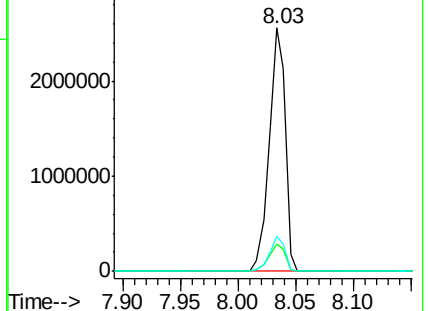
127 14.2 10.9 16.3



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



#33

4-Chloroaniline

Concen: 17.456 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.05 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

Tgt Ion:127 Resp: 342547

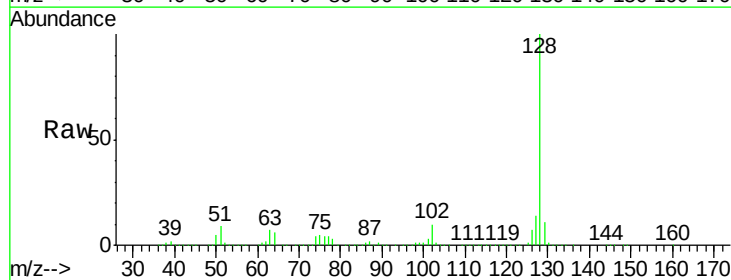
Ion Ratio Lower Upper

127 100

129 80.7 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

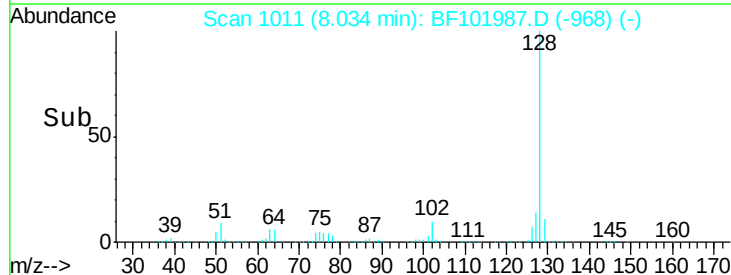
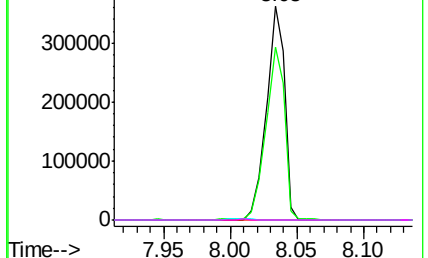


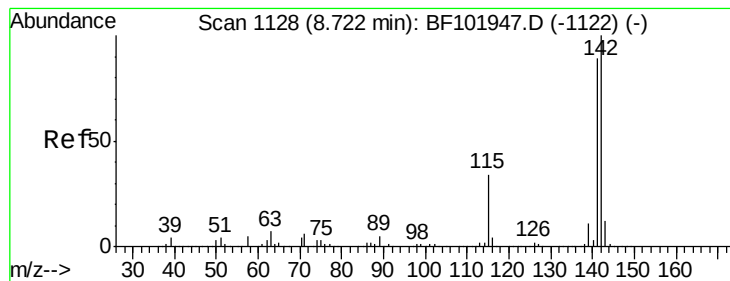
Abundance Ion 127.00 (126.70 to 127.70): E

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





#37

2-Methylnaphthalene

Concen: 22.776 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF101987.D

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WC-12R12-01

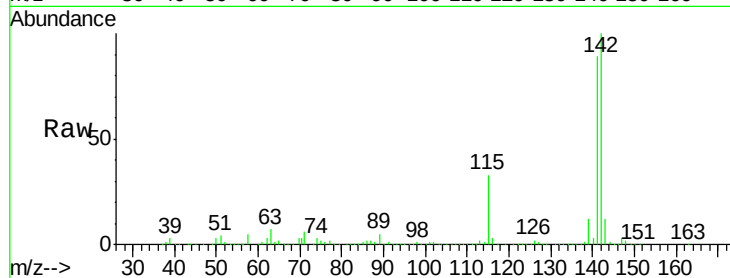
Tot Ion:142 Resp: 689393

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

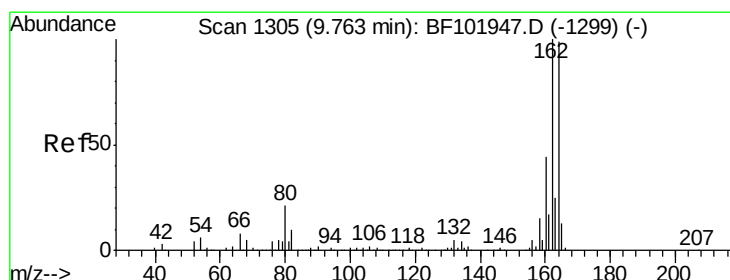
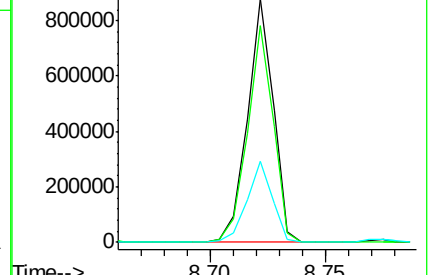
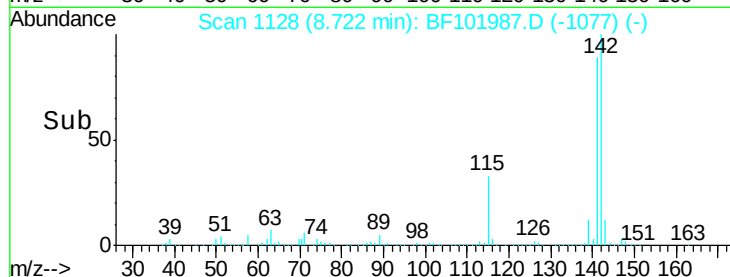
115 33.1 26.1 39.1



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: BF101987.D

Acq: 10 Jan 2018 19:03

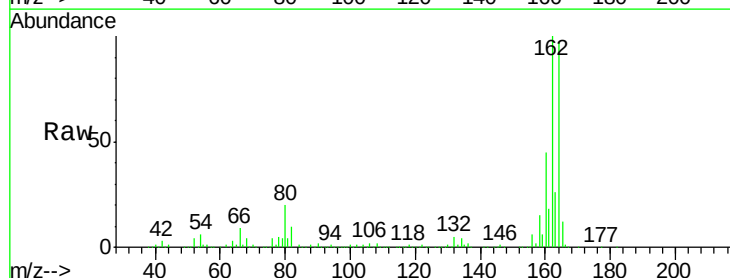
Tgt Ion:164 Resp: 391834

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

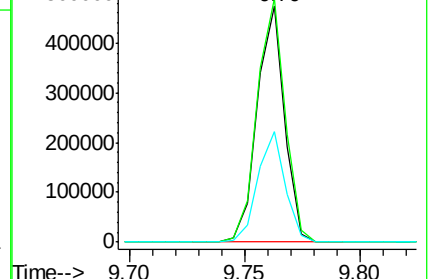
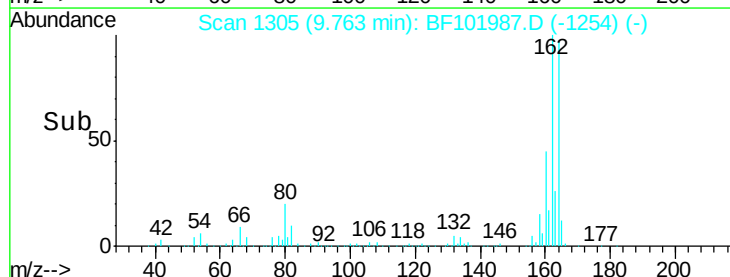
160 46.8 38.3 57.5

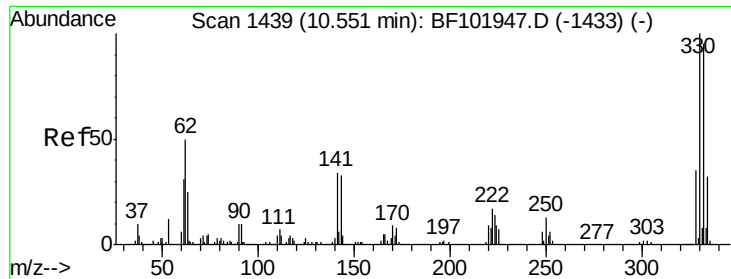


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

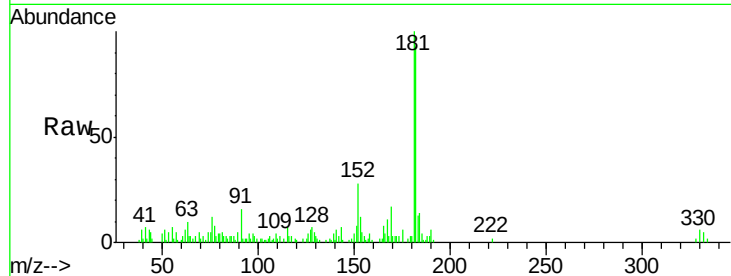




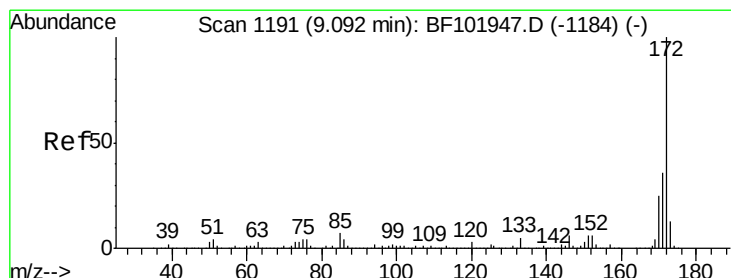
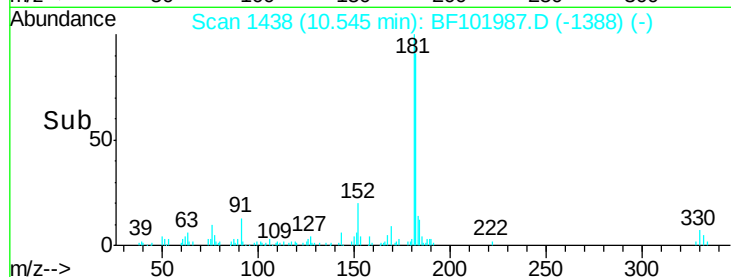
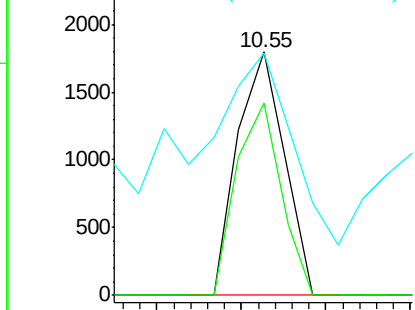
#41
 2,4,6-Tribromophenol
 Concen: 0.404 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF101987.D
 Acq: 10 Jan 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 WC-12R12-01

Tot Ion:330 Resp: 1382
 Ion Ratio Lower Upper
 330 100
 332 75.8 77.0 115.6#
 141 153.0 29.9 44.9#

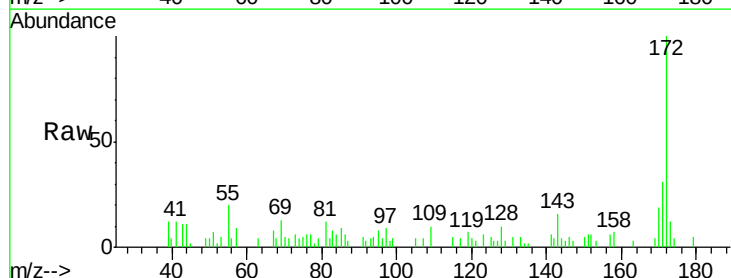


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

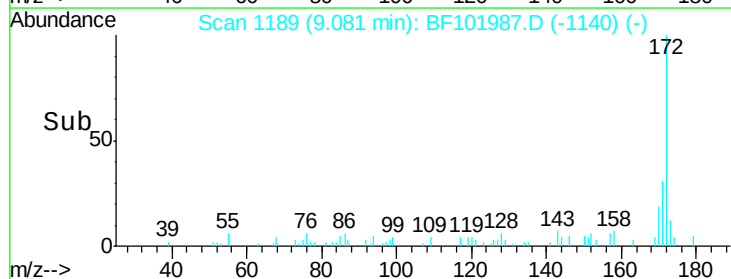
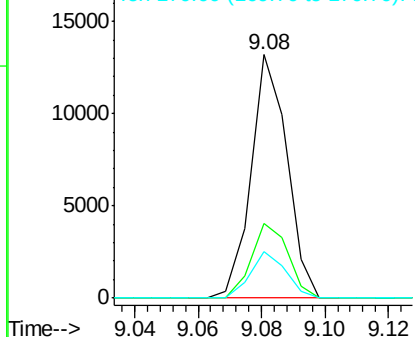


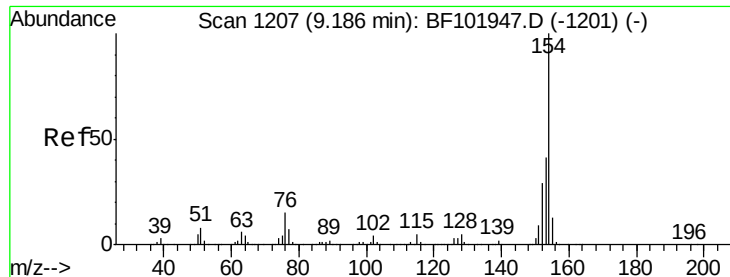
#44
 2-Fluorobiphenyl
 Concen: 0.414 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF101987.D
 Acq: 10 Jan 2018 19:03

Tgt Ion:172 Resp: 10381
 Ion Ratio Lower Upper
 172 100
 171 30.5 29.7 44.5
 170 18.8 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: 3.311 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

Instrument :

BNA_F

ClientSampleId :

WC-12R12-01

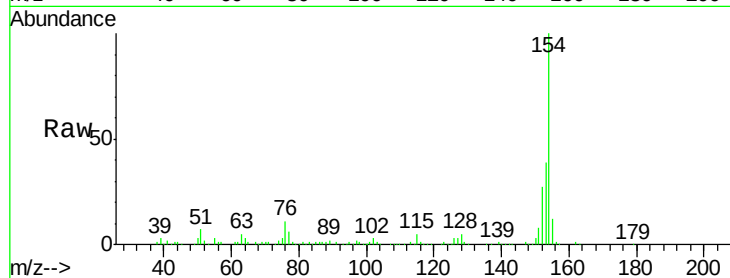
Tot Ion:154 Resp: 114688

Ion Ratio Lower Upper

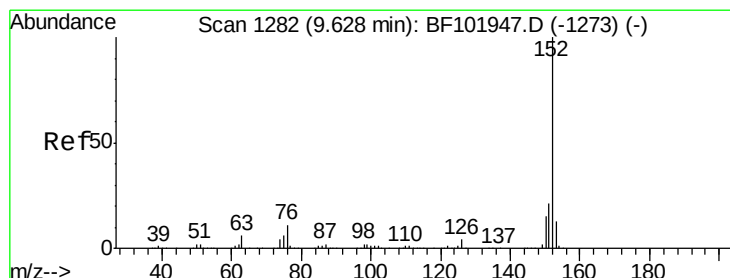
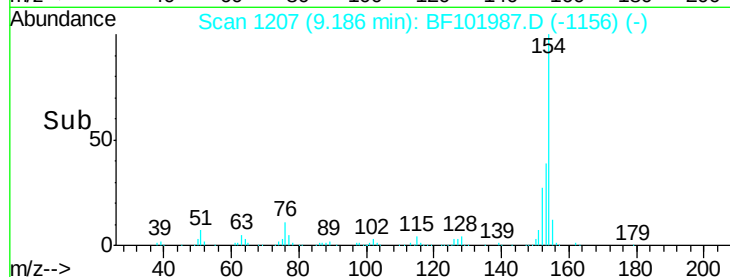
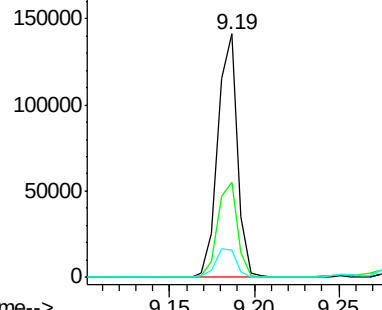
154 100

153 39.3 21.3 61.3

76 11.1 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: 8.211 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

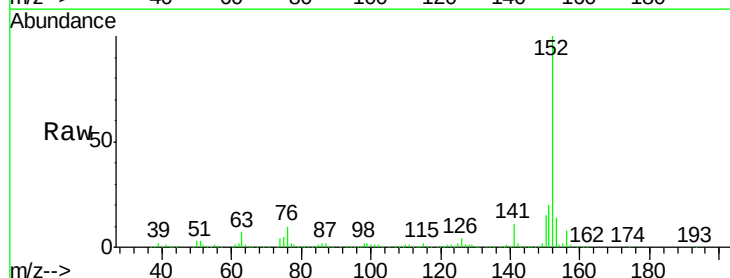
Tgt Ion:152 Resp: 349963

Ion Ratio Lower Upper

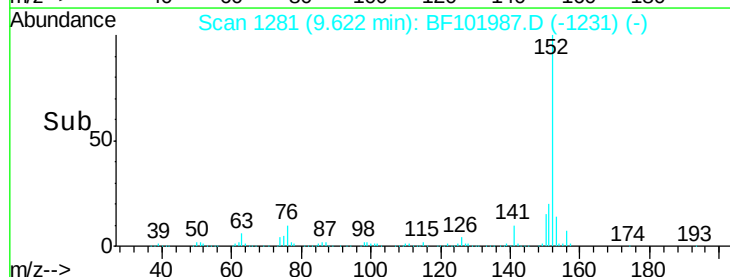
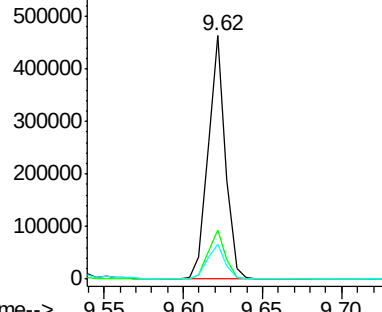
152 100

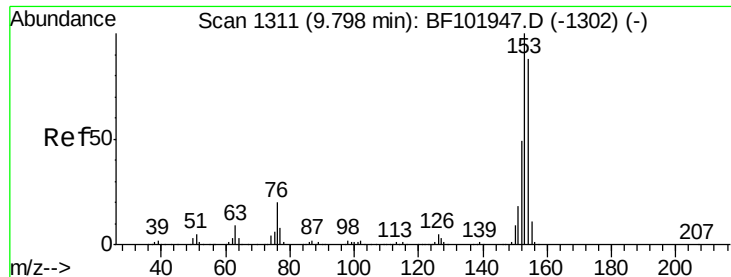
151 20.1 16.3 24.5

153 14.1 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: 3.677 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

Instrument :

BNA_F

ClientSampleId :

WC-12R12-01

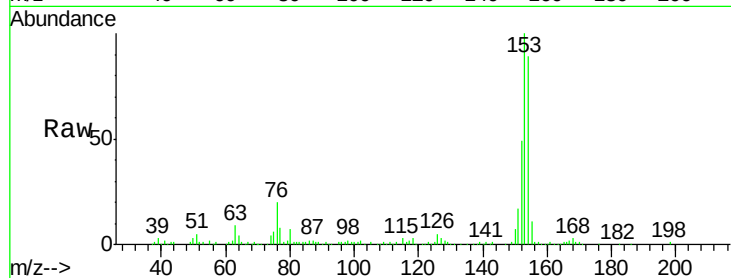
Tot Ion:154 Resp: 95117

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

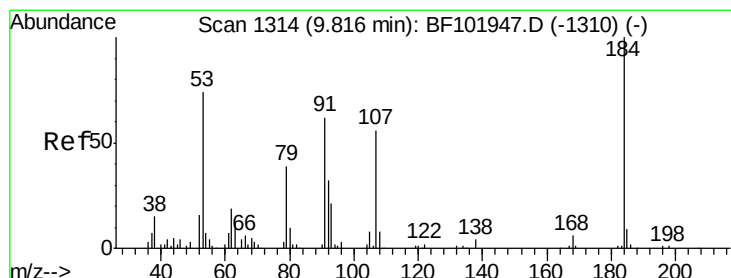
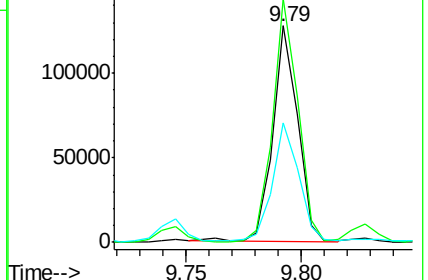
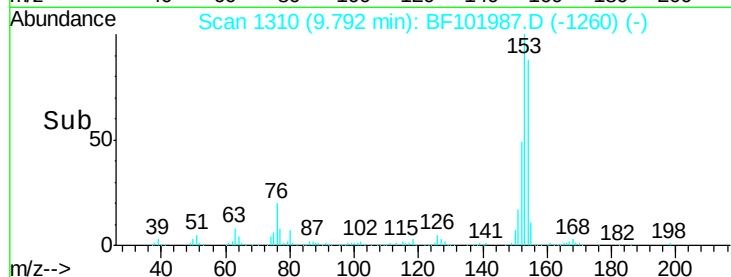
152 55.4 43.8 65.8



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



#53

2,4-Dinitrophenol

Concen: 8.783 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.02 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

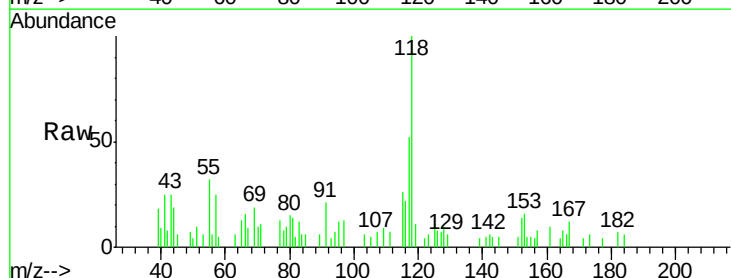
Tgt Ion:184 Resp: 337

Ion Ratio Lower Upper

184 100

63 91.0 54.2 81.2#

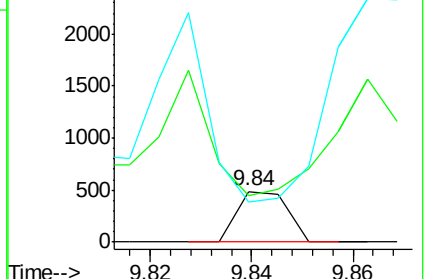
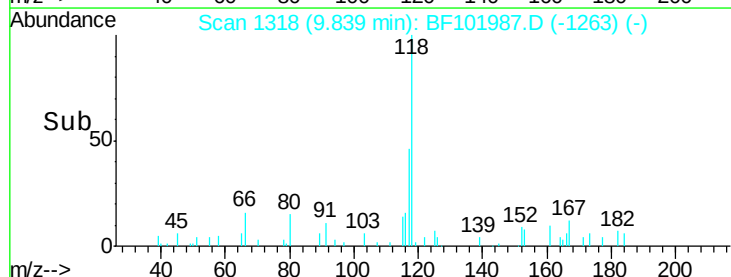
154 79.4 184.0 276.0#

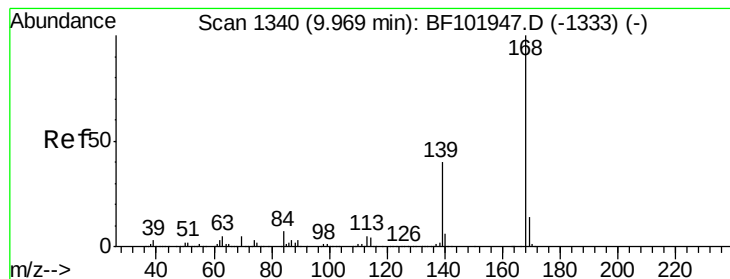


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 3.618 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

Instrument :

BNA_F

ClientSampleId :

WC-12R12-01

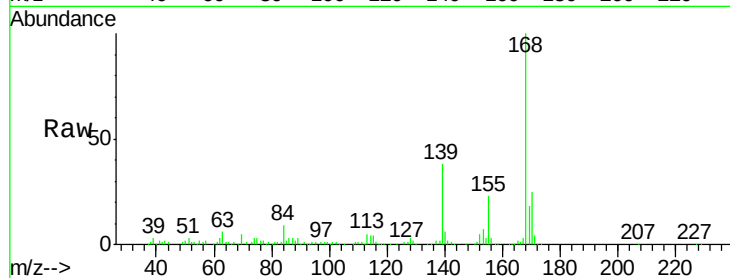
Tot Ion:168 Resp: 128450

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

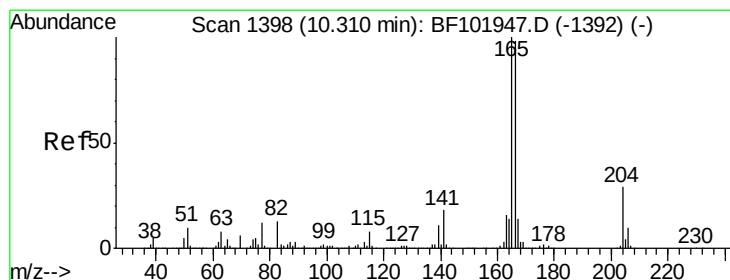
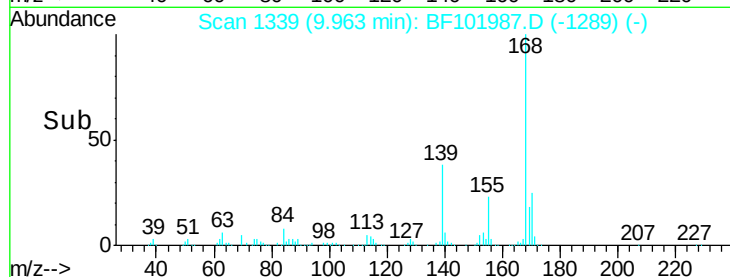
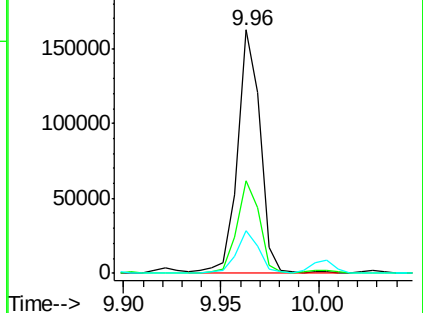
169 17.5 10.9 16.3#



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



#57

Fluorene

Concen: 11.171 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

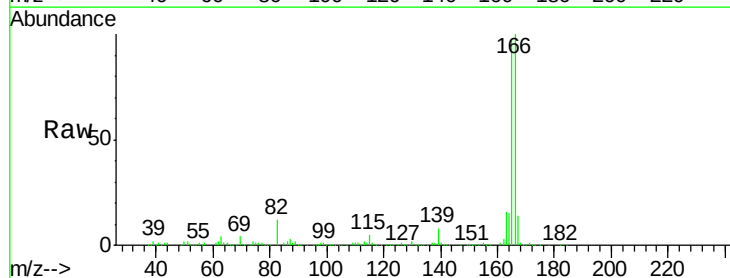
Tgt Ion:166 Resp: 274180

Ion Ratio Lower Upper

166 100

165 97.5 79.8 119.8

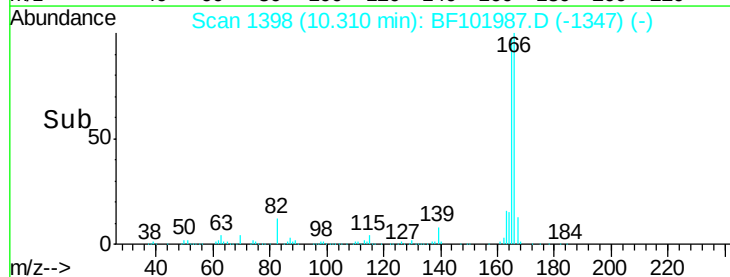
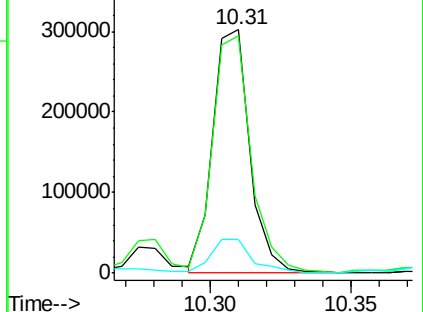
167 13.6 10.6 16.0

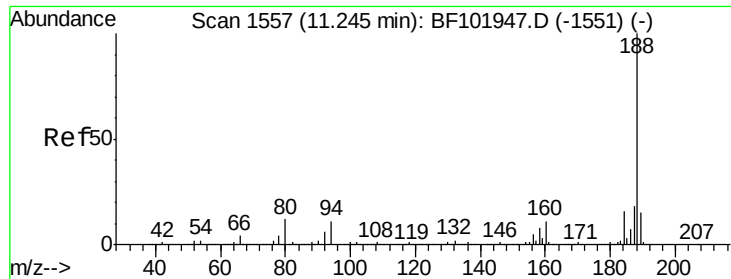


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

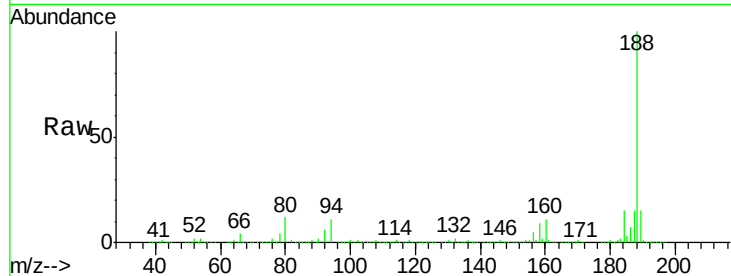




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101987.D
Acq: 10 Jan 2018 19:03

Instrument :
BNA_F
ClientSampleId :
WC-12R12-01

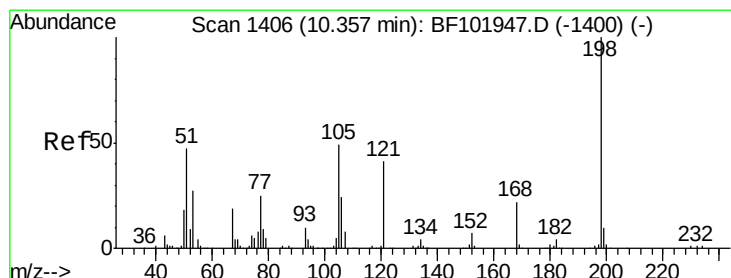
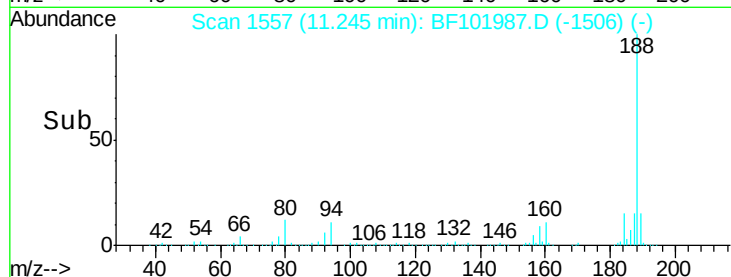
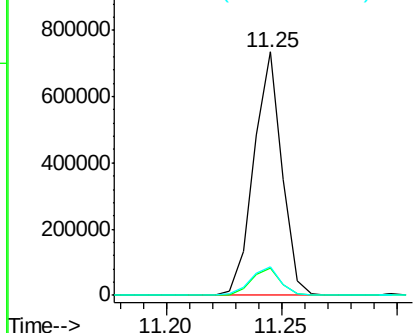
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.0	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

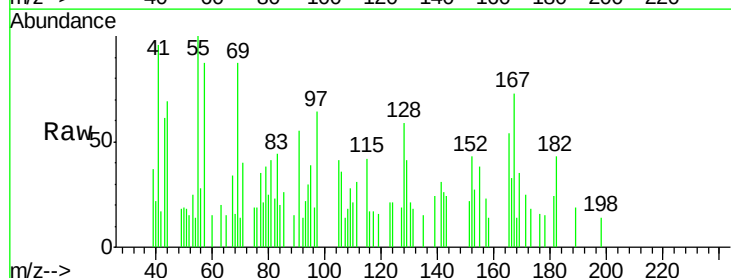
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 5.691 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.21 min
Lab File: BF101987.D
Acq: 10 Jan 2018 19:03

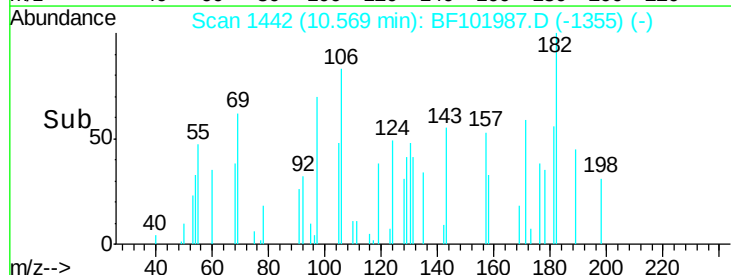
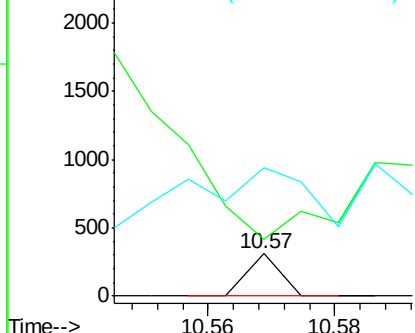
Tgt Ion	Ratio	Lower	Upper
198	100		
51	133.7	37.7	77.7#
105	300.6	36.3	76.3#

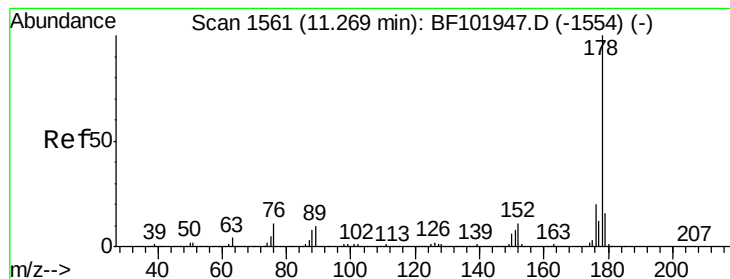


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#70

Phenanthrene

Concen: 28.125 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

Instrument :

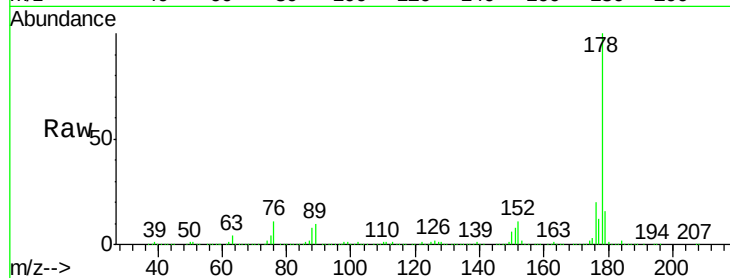
BNA_F

ClientSampleId :

WC-12R12-01

Tot Ion:178 Resp: 1024207

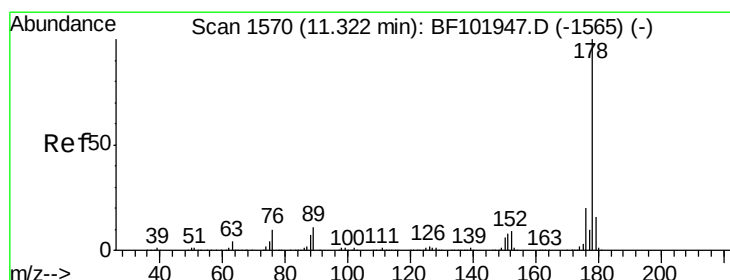
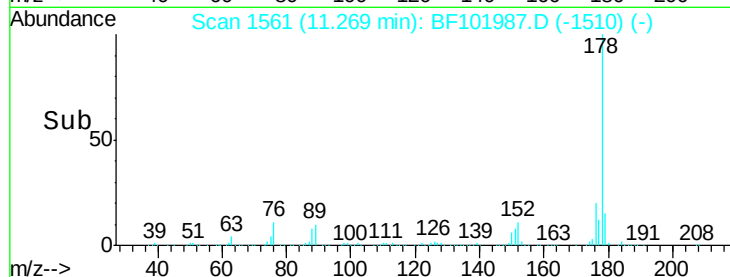
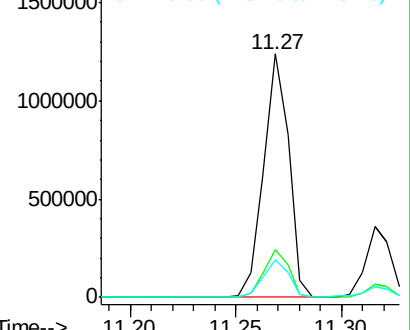
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.7	13.0	19.6



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: 7.920 ng

RT: 11.32 min Scan# 1569

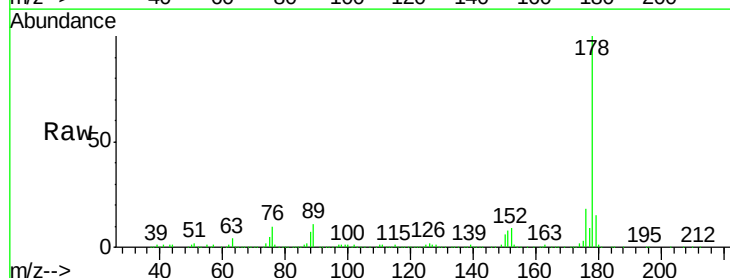
Delta R.T. -0.01 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

Tgt Ion:178 Resp: 292493

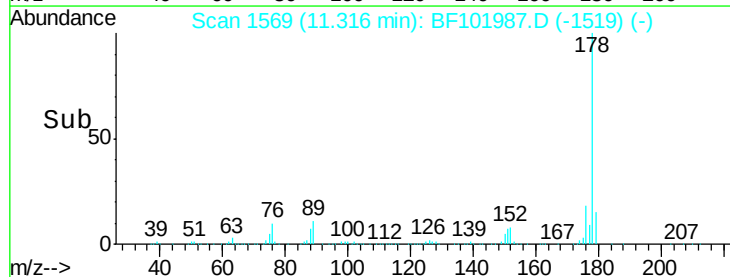
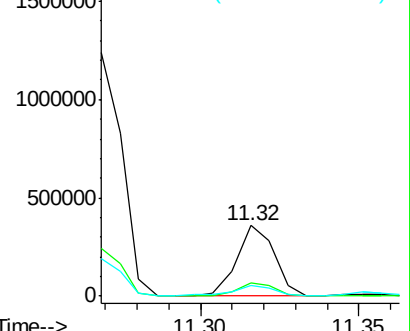
Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.4	12.6	19.0

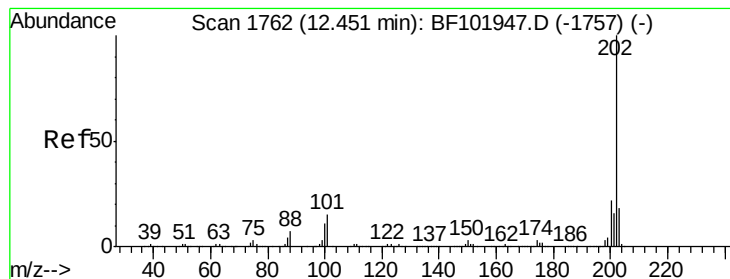


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 14.644 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

Instrument :

BNA_F

ClientSampleId :

WC-12R12-01

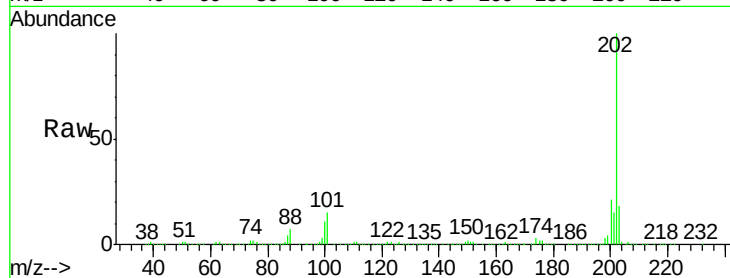
Tot Ion:202 Resp: 524659

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

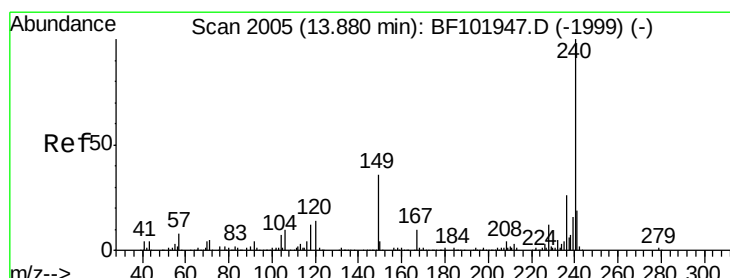
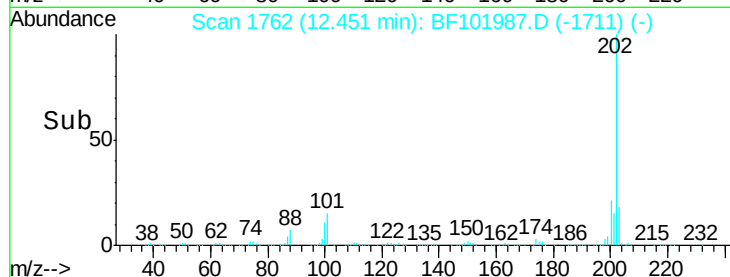
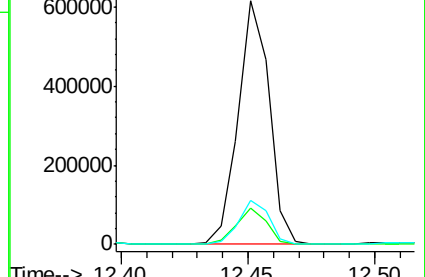
203 17.9 0.0 38.1



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: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

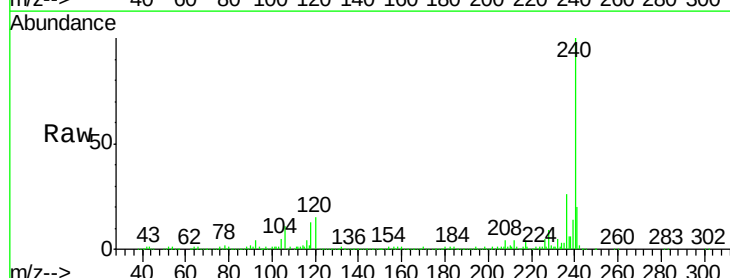
Tgt Ion:240 Resp: 349123

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

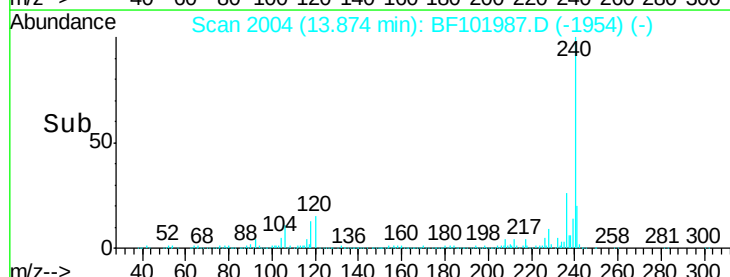
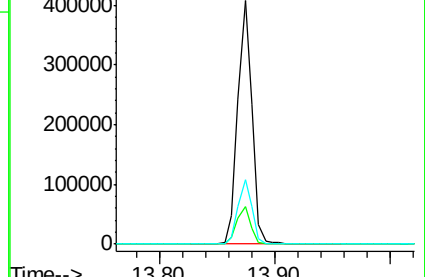
236 26.3 20.7 31.1

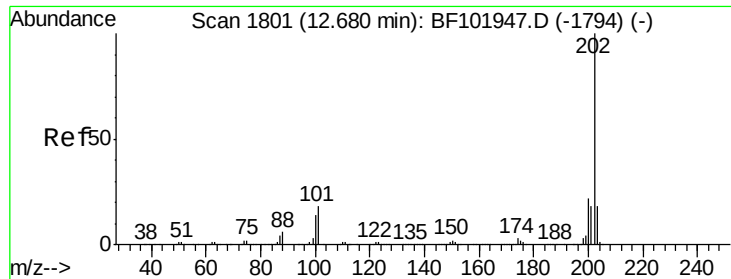


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

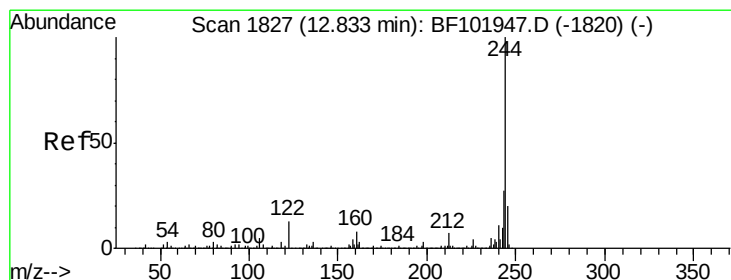
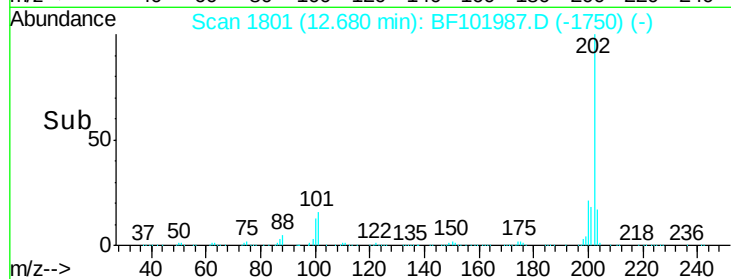
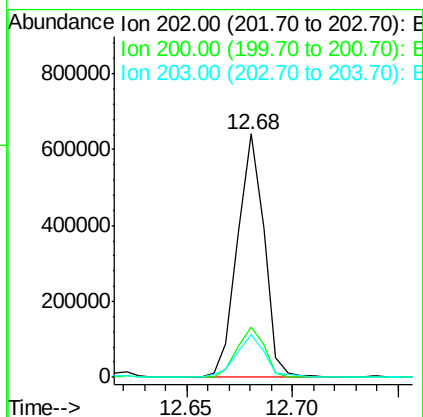
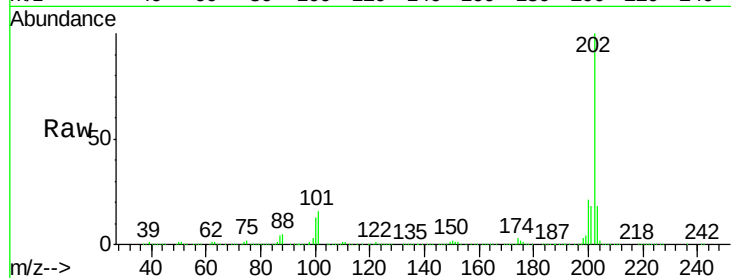




#77
Pvrene
Concen: 18.059 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF101987.D
Acq: 10 Jan 2018 19:03

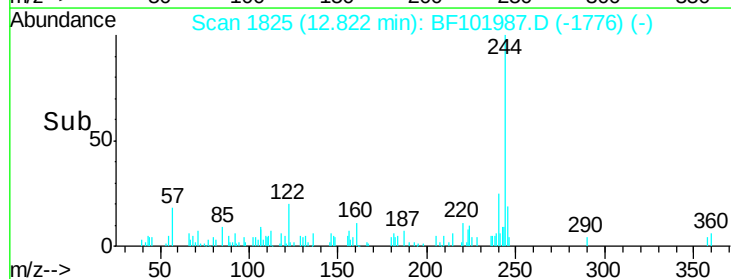
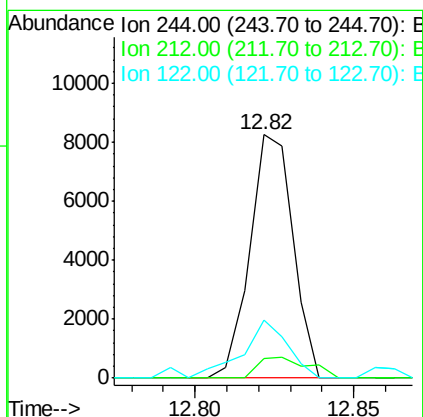
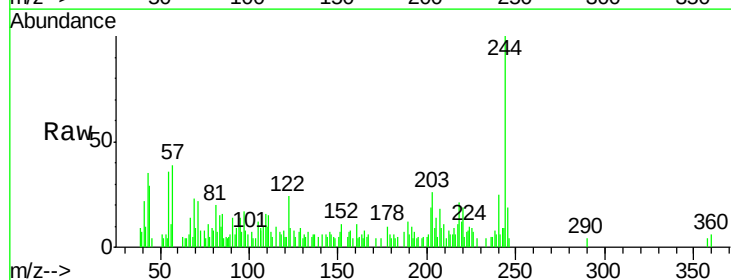
Instrument :
BNA_F
ClientSampleId :
WC-12R12-01

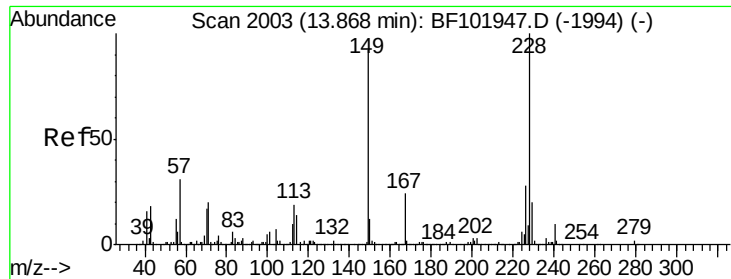
Tot Ion:202 Resp: 557313
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 0.463 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF101987.D
Acq: 10 Jan 2018 19:03

Tgt Ion:244 Resp: 7784
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.0
122 23.9 11.0 16.4#

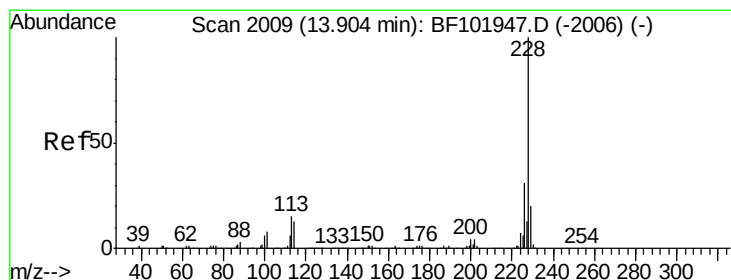
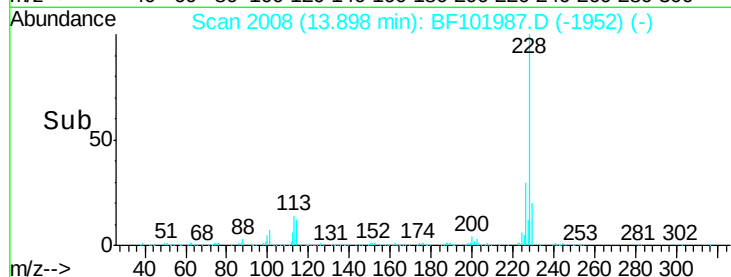
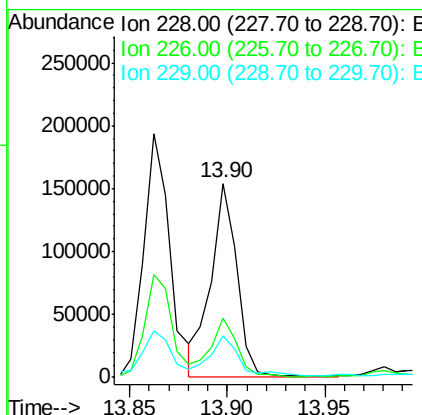
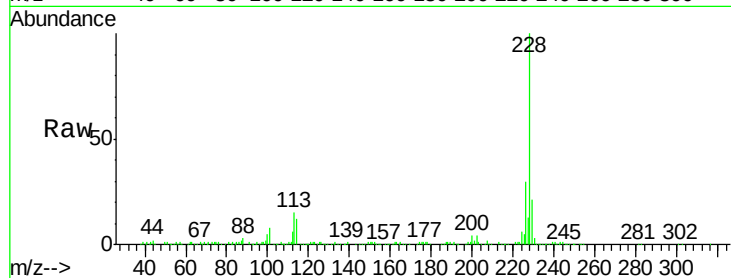




#80
Benzo(a)anthracene
Concen: 6.378 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BF101987.D
Acq: 10 Jan 2018 19:03

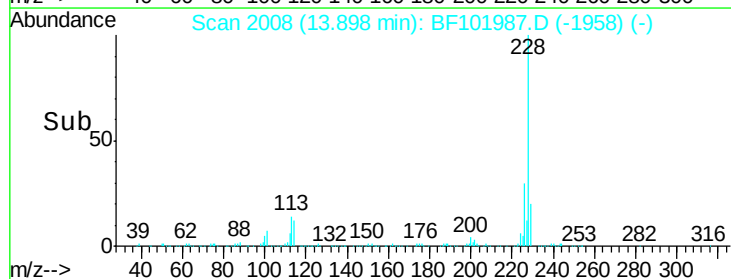
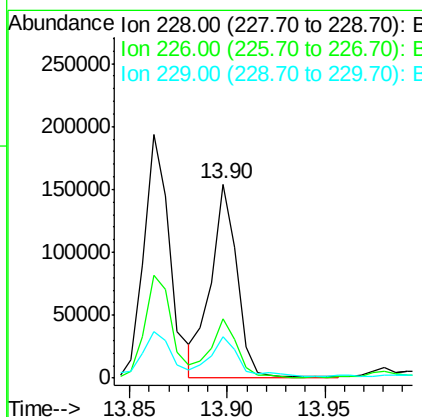
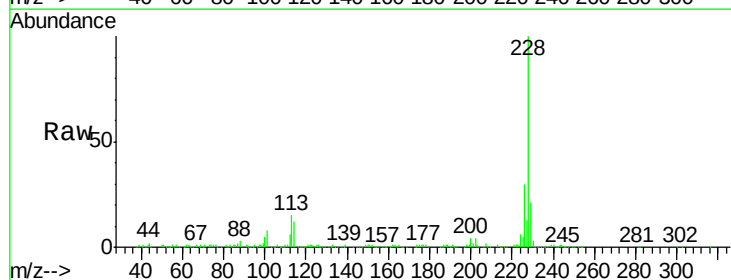
Instrument :
BNA_F
ClientSampleId :
WC-12R12-01

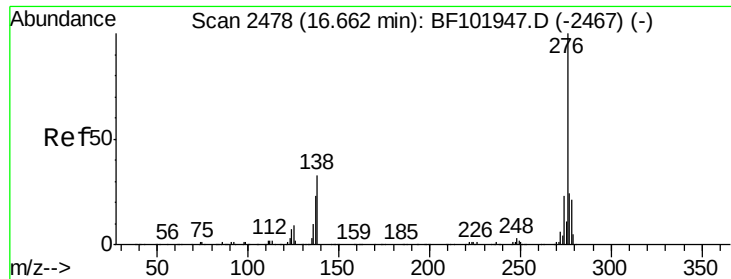
Tot Ion:228 Resp: 142066
Ion Ratio Lower Upper
228 100
226 30.4 22.6 33.8
229 21.5 15.8 23.6



#82
Chrysene
Concen: 6.116 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF101987.D
Acq: 10 Jan 2018 19:03

Tgt Ion:228 Resp: 142066
Ion Ratio Lower Upper
228 100
226 30.4 25.0 37.6
229 21.5 16.2 24.4

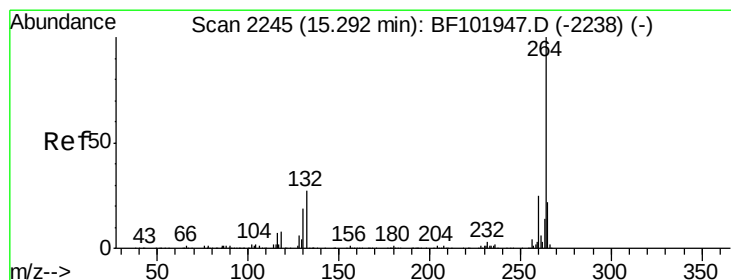
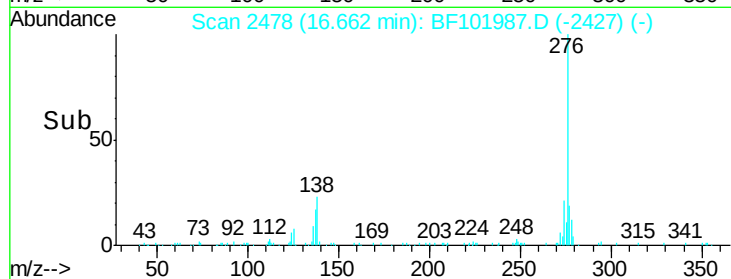
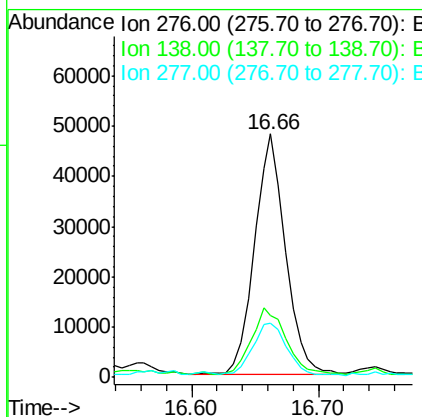
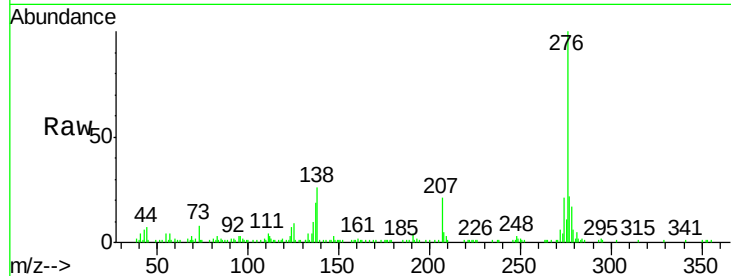




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.826 ng
 RT: 16.66 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BF101987.D
 Acq: 10 Jan 2018 19:03

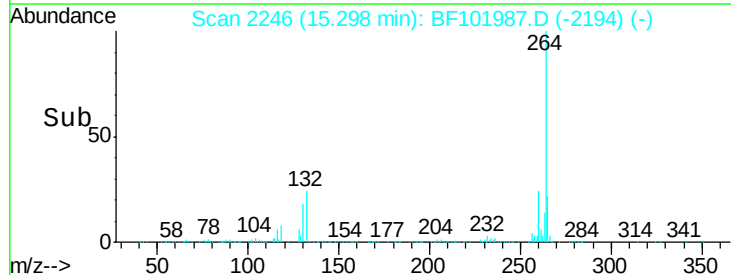
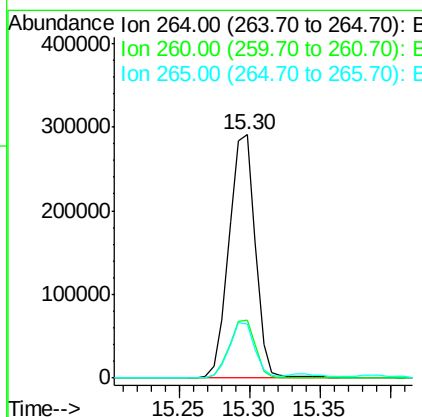
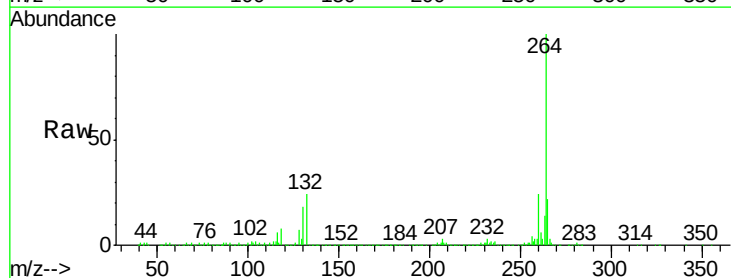
Instrument :
 BNA_F
 ClientSampleId :
 WC-12R12-01

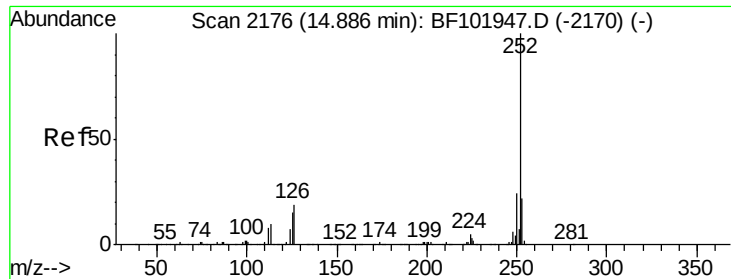
Tot Ion:276 Resp: 81586
 Ion Ratio Lower Upper
 276 100
 138 30.7 25.0 37.6
 277 23.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF101987.D
 Acq: 10 Jan 2018 19:03

Tgt Ion:264 Resp: 378720
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 8.493 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

Instrument :

BNA_F

ClientSampleId :

WC-12R12-01

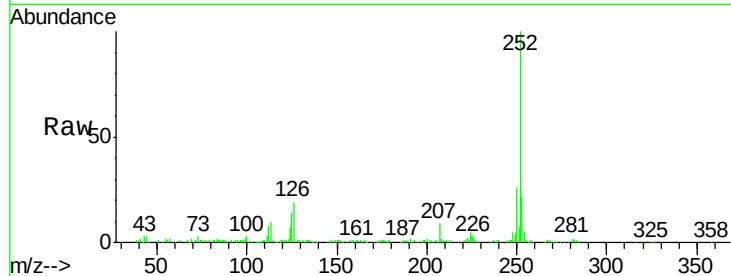
Tot Ion:252 Resp: 209721

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

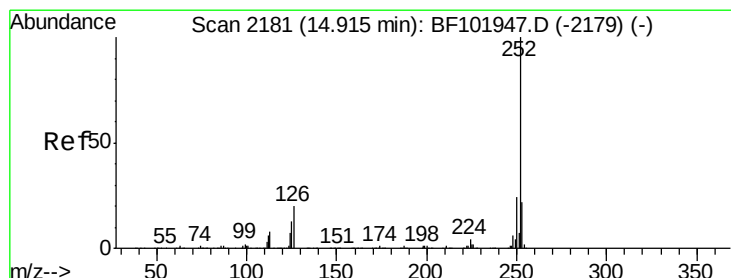
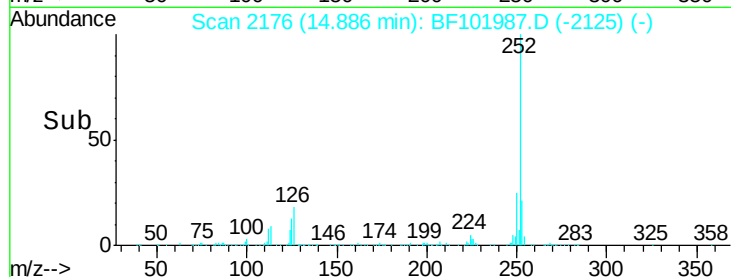
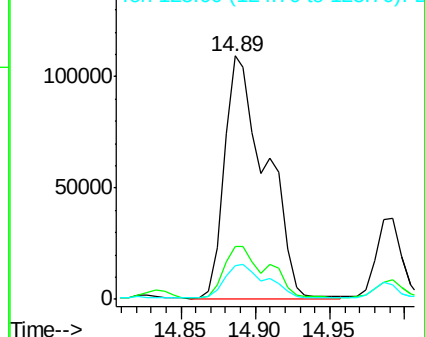
125 13.7 9.0 13.6#



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: 8.804 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.03 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

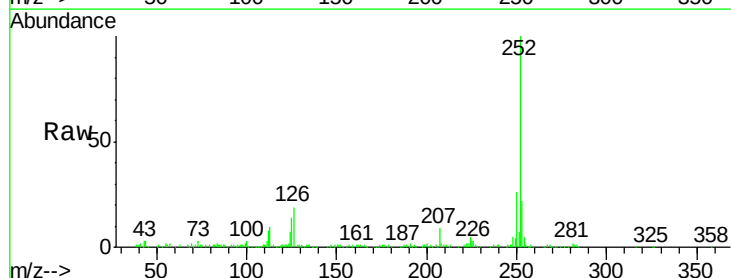
Tgt Ion:252 Resp: 209721

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

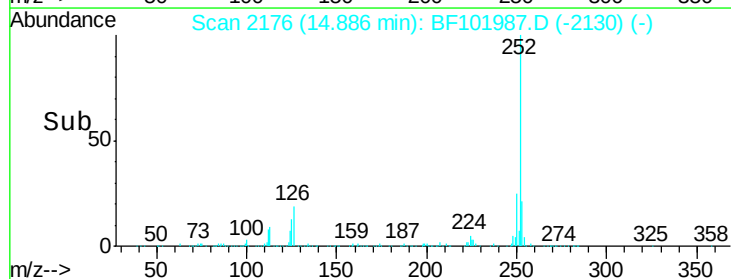
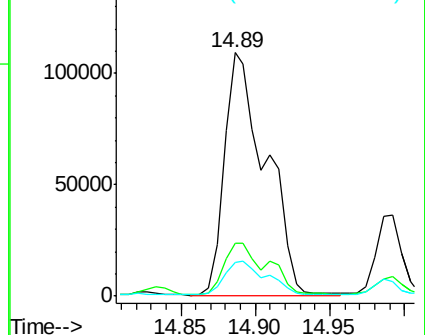
125 13.7 10.2 15.2

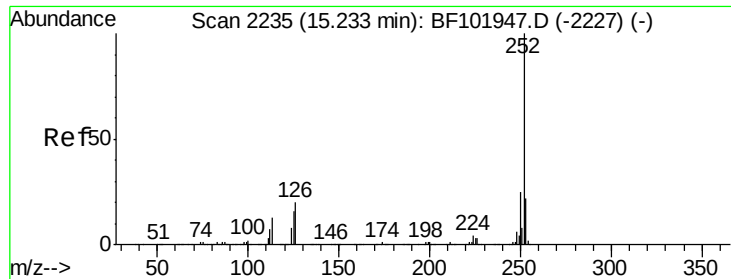


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 6.784 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

Instrument :

BNA_F

ClientSampleId :

WC-12R12-01

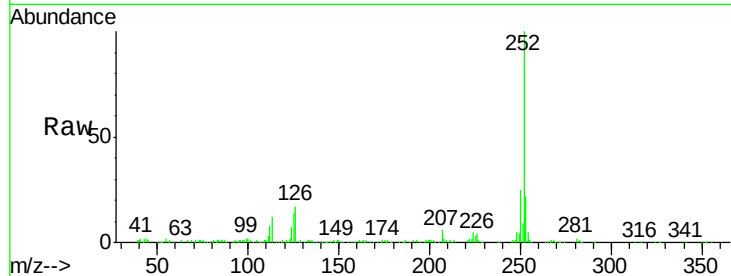
Tot Ion:252 Resp: 150738

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

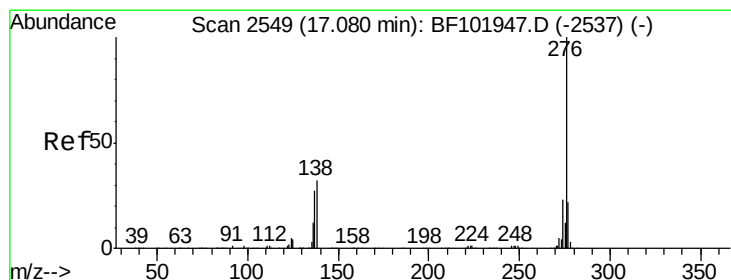
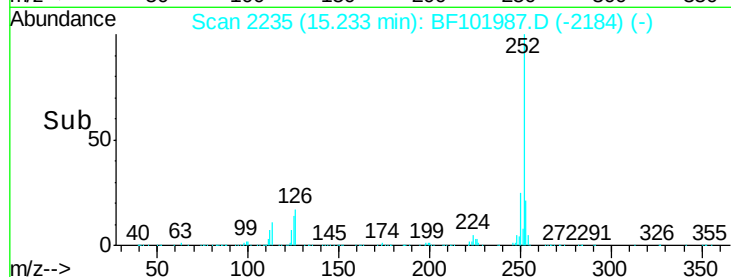
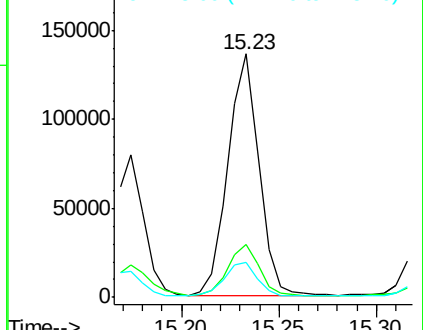
125 14.4 9.8 14.6



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



#91

Benzo(g,h,i)perylene

Concen: 4.685 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BF101987.D

Acq: 10 Jan 2018 19:03

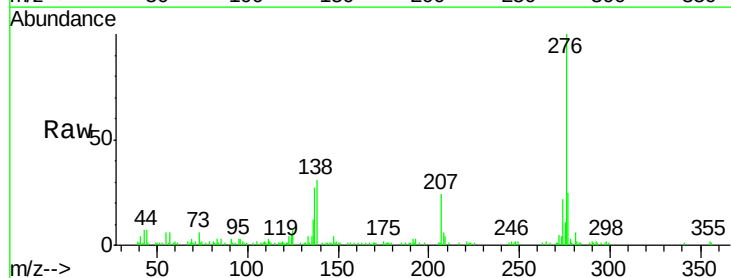
Tgt Ion:276 Resp: 83679

Ion Ratio Lower Upper

276 100

277 25.4 17.9 26.9

138 30.8 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

