

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101995.D
 Acq On : 10 Jan 2018 22:36
 Operator : SJ/JU
 Sample : J1076-12 50X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-096613-02

Quant Time: Jan 11 01:57:45 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

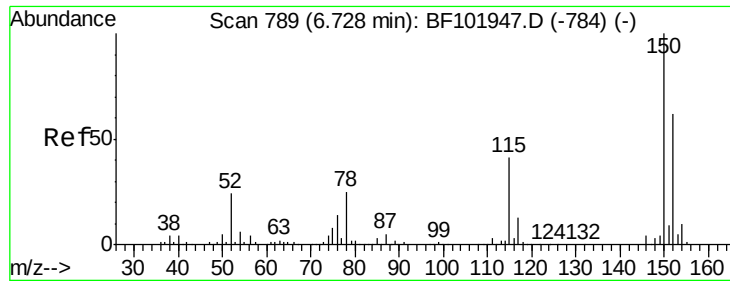
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	216354	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	890939	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	374249	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	583648	20.00	ng	0.00
75) Chrysene-d12	13.87	240	335034	20.00	ng	0.00
86) Perylene-d12	15.30	264	385483	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	6657	0.43	ng	0.00
7) Phenol-d6	6.35	99	7859	0.43	ng	0.00
23) Nitrobenzene-d5	7.28	82	4374	0.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	1204	0.37	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	8970	0.37	ng	-0.01
78) Terphenyl-d14	12.82	244	6654	0.41	ng	-0.01

Target Compounds				Qvalue		
31) Naphthalene	8.03	128	2396115	53.823	ng	99
33) 4-Chloroaniline	8.03	127	329578	17.345	ng	# 35
35) Caprolactam	8.72	113	16089	3.876	ng	# 1
37) 2-Methylnaphthalene	8.72	142	785027	26.785	ng	98
45) 1,1'-Biphenyl	9.19	154	161410	4.879	ng	96
48) Acenaphthylene	9.62	152	358516	8.807	ng	98
51) Acenaphthene	9.79	154	72029	2.915	ng	95
53) 2,4-Dinitrophenol	10.05	184	142	8.713	ng	# 35
54) Dibenzofuran	9.96	168	197657	5.829	ng	# 95
57) Fluorene	10.31	166	458963	19.578	ng	100
64) 4,6-Dinitro-2-methylphenol	10.50	198	153	5.705	ng	# 1
70) Phenanthrene	11.27	178	1673777	49.095	ng	99
71) Anthracene	11.32	178	424148	12.267	ng	99
72) Carbazole	11.47	167	111126	3.270	ng	97
74) Fluoranthene	12.46	202	852561	25.417	ng	98
77) Pyrene	12.69	202	973510	32.872	ng	99
80) Benzo(a)anthracene	13.90	228	313321	14.658	ng	96
82) Chrysene	13.90	228	313321	14.057	ng	97
85) Indeno(1,2,3-cd)pyrene	16.66	276	176490	10.879	ng	99
87) Benzo(b)fluoranthene	14.89	252	438170	17.433	ng	# 95
88) Benzo(k)fluoranthene	14.89	252	438170	18.071	ng	98
89) Benzo(a)pyrene	14.99	252	88405	3.909	ng	94
90) Dibenzo(a,h)anthracene	16.68	278	47713	2.643	ng	# 86
91) Benzo(g,h,i)perylene	17.08	276	184857	10.167	ng	96

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

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Sample    : J1076-12 50X  
Misc      :  
ALS Vial  : 16      Sample Multiplier: 1
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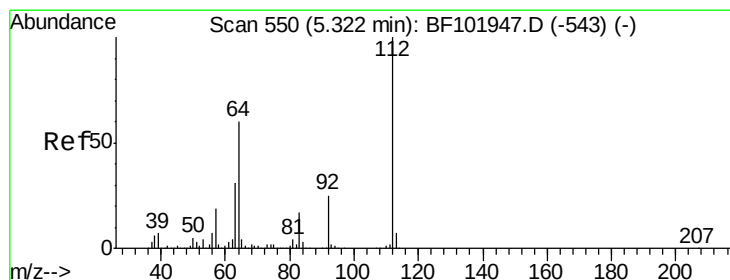
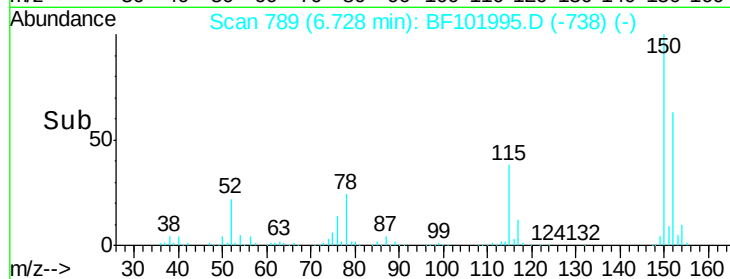
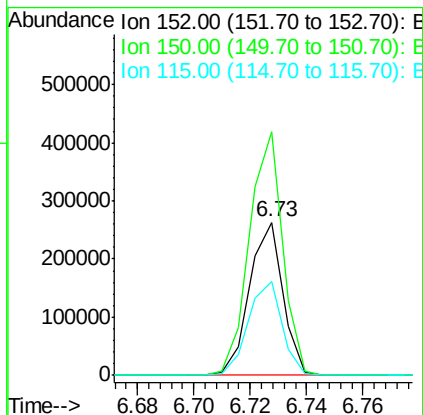
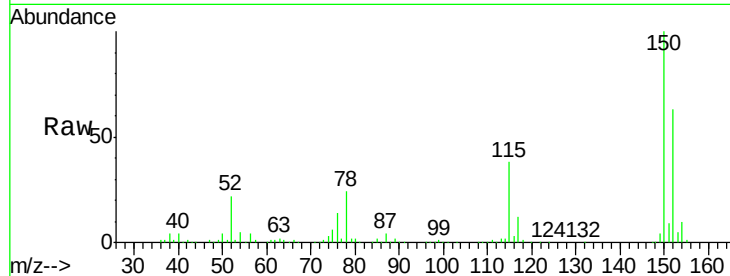


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

Instrument :
BNA_F
ClientSampleId :
WC-096613-02

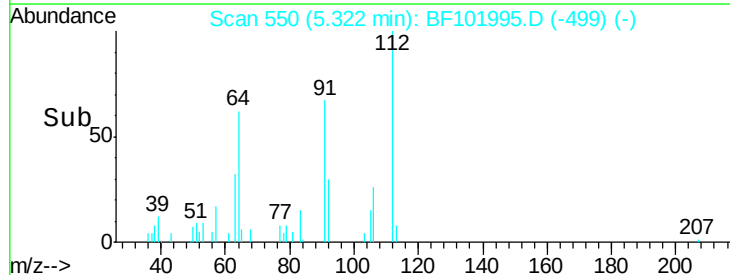
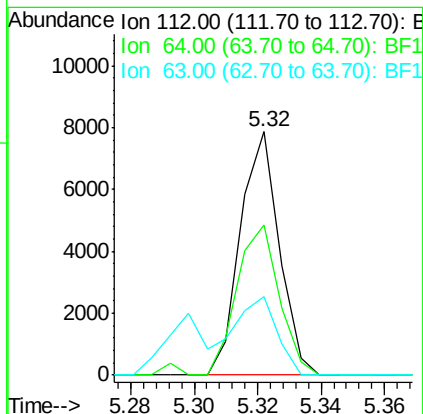
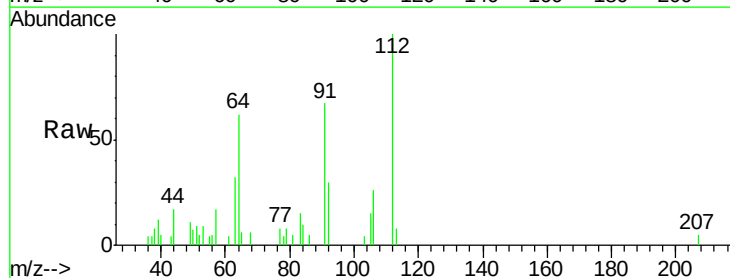
Tot Ion:152 Resp: 216354
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 61.1 50.1 75.1

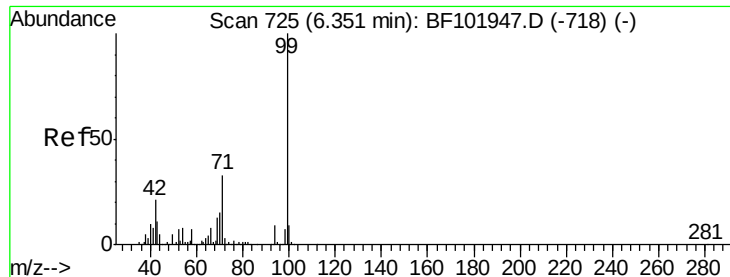


#5

2-Fluorophenol
Concen: 0.434 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

Tgt Ion:112 Resp: 6657
Ion Ratio Lower Upper
112 100
64 61.9 47.9 71.9
63 32.5 23.7 35.5





#7

Phenol-d6

Concen: 0.430 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

WC-096613-02

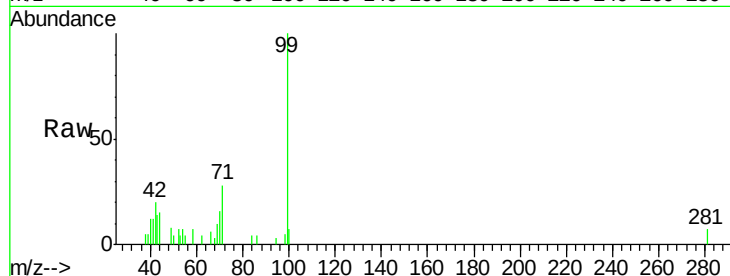
Tot Ion: 99 Resp: 7859

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

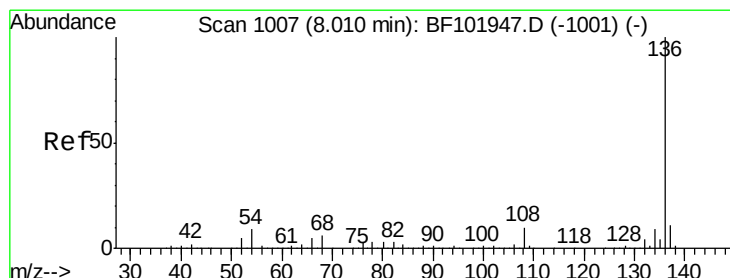
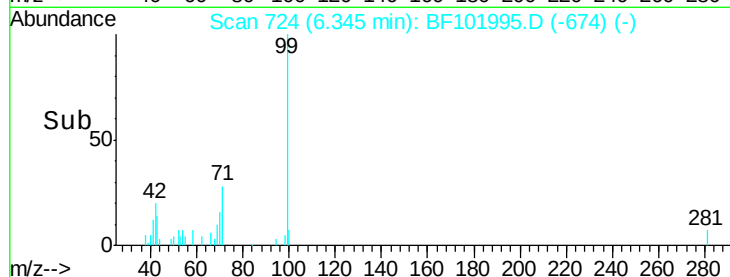
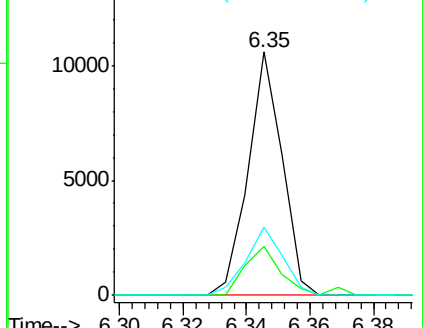
71 28.2 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

Tgt Ion: 136 Resp: 890939

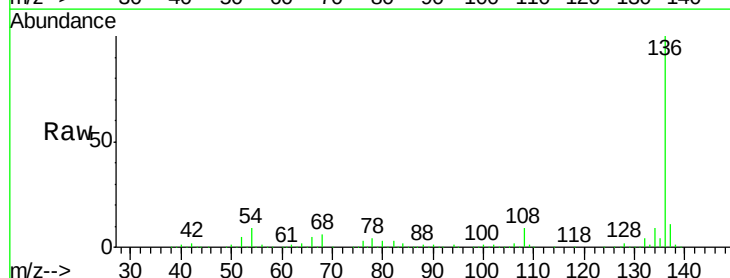
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.8 6.6 9.8

68 6.1 5.0 7.4

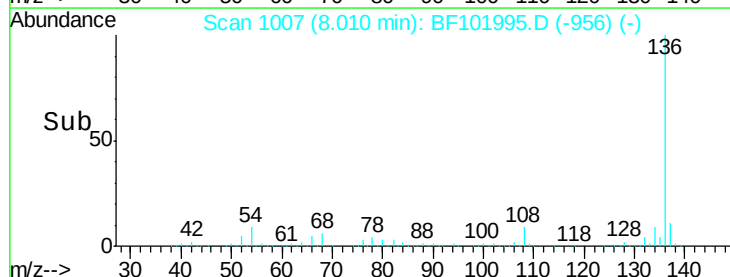
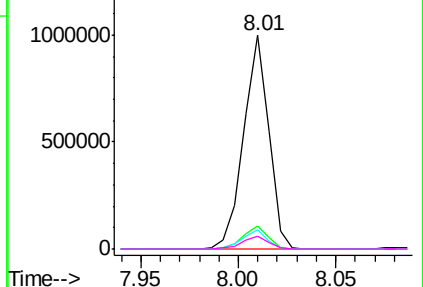


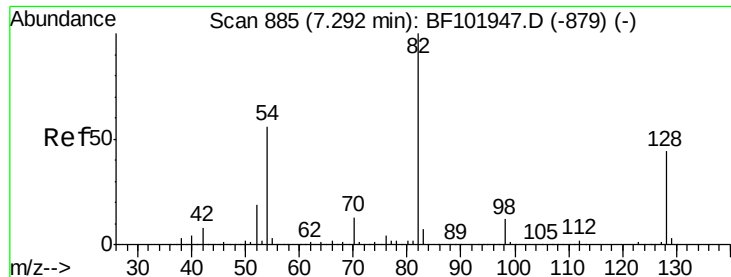
Abundance Ion 136.00 (135.70 to 136.70): E

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

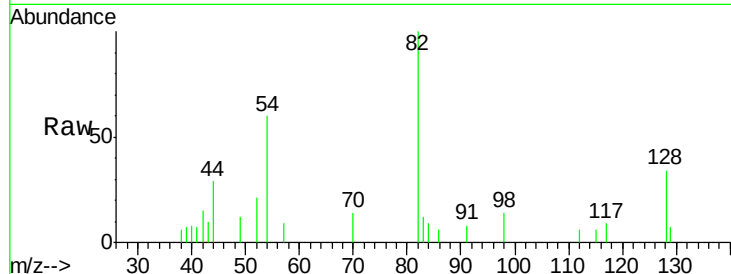




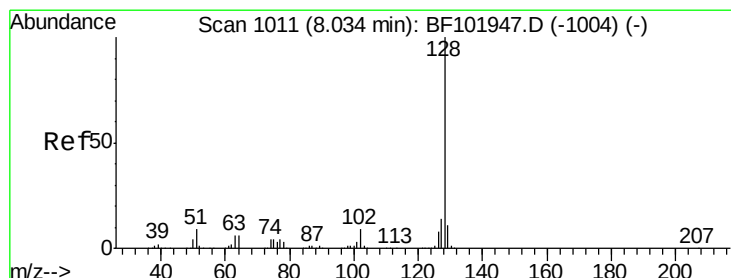
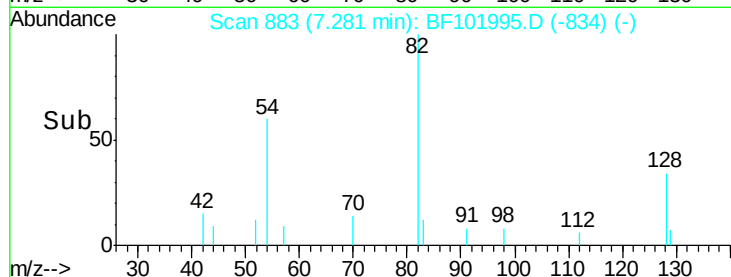
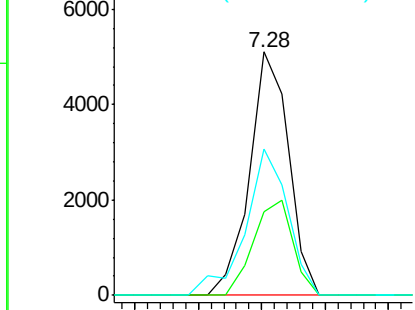
#23
Nitrobenzene-d5
Concen: 0.288 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

Instrument :
BNA_F
ClientSampleId :
WC-096613-02

Tot Ion: 82 Resp: 4374
Ion Ratio Lower Upper
82 100
128 34.3 36.1 54.1#
54 60.1 41.4 62.2

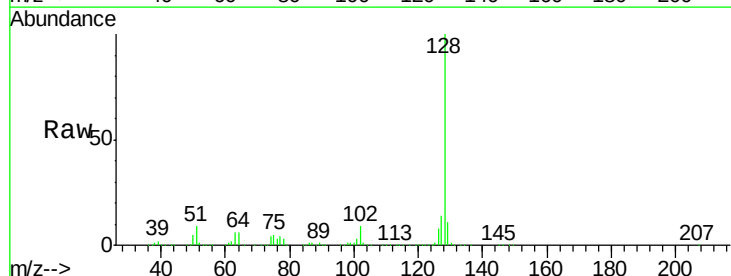


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

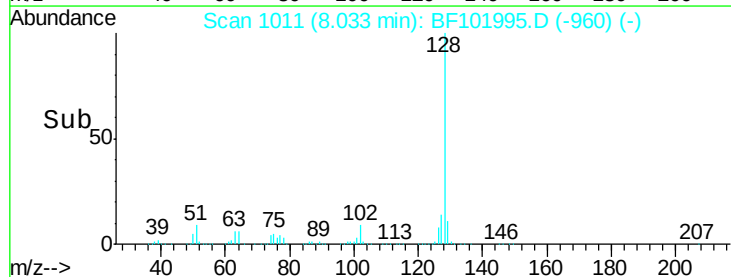
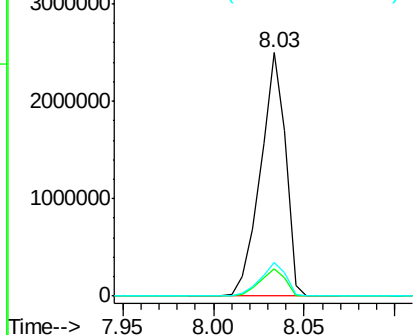


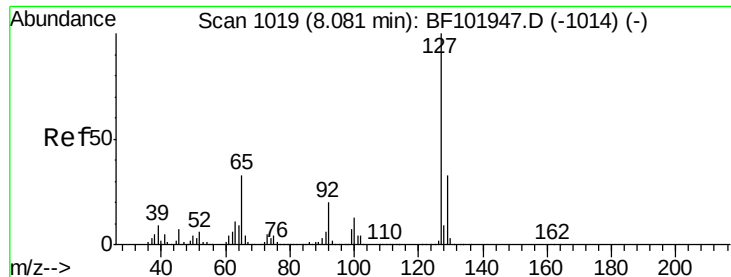
#31
Naphthalene
Concen: 53.823 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

Tgt Ion:128 Resp: 2396115
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 14.1 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

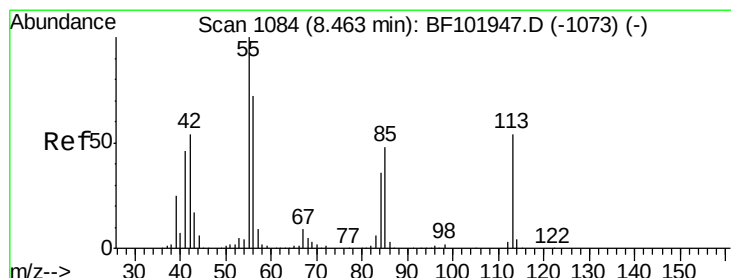
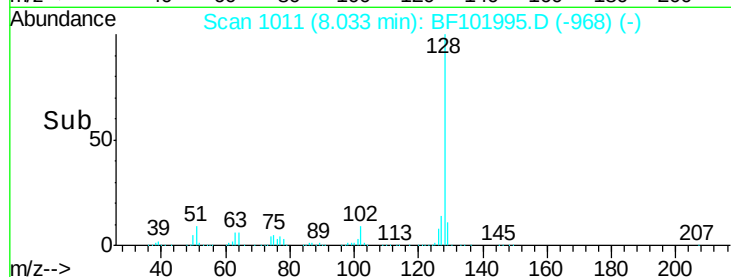
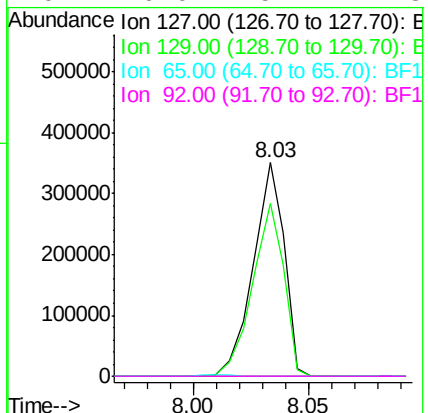
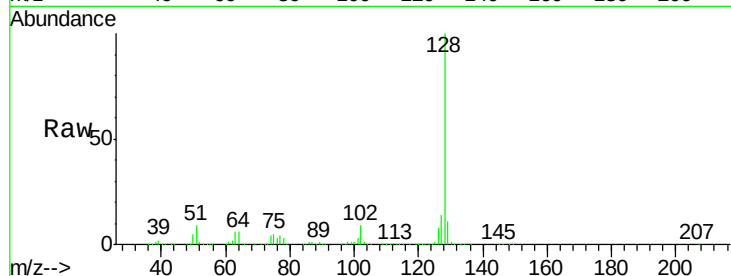




#33
4-Chloroaniline
Concen: 17.345 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.05 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

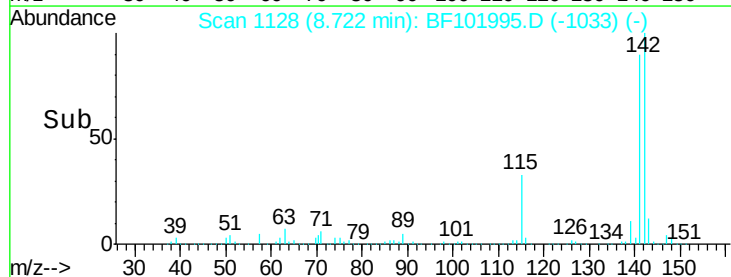
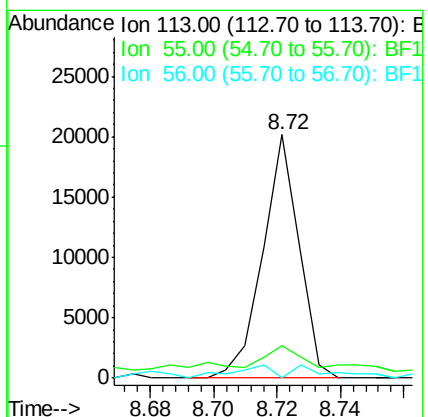
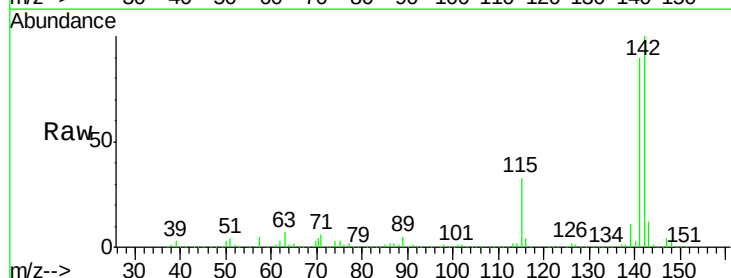
Instrument :
BNA_F
ClientSampleId :
WC-096613-02

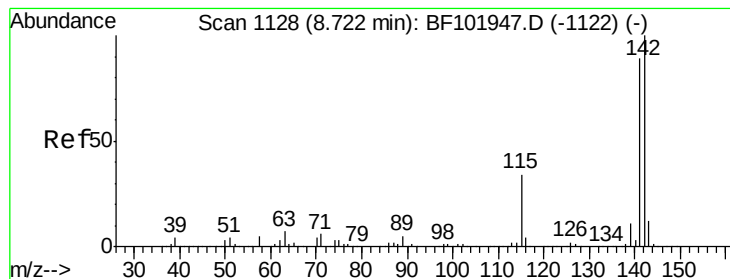
Tot Ion:127 Resp: 329578
Ion Ratio Lower Upper
127 100
129 80.9 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



#35
Caprolactam
Concen: 3.876 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.26 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

Tgt Ion:113 Resp: 16089
Ion Ratio Lower Upper
113 100
55 13.1 163.3 203.3#
56 0.0 115.7 155.7#





#37

2-Methylnaphthalene

Concen: 26.785 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

WC-096613-02

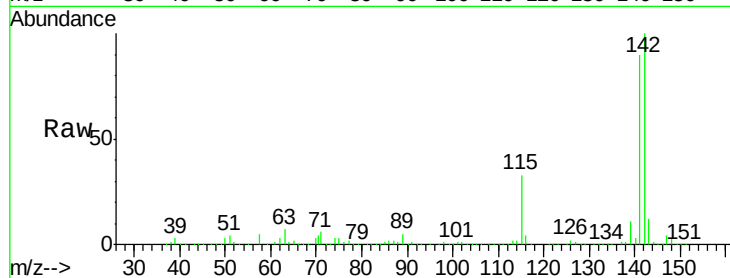
Tot Ion:142 Resp: 785027

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

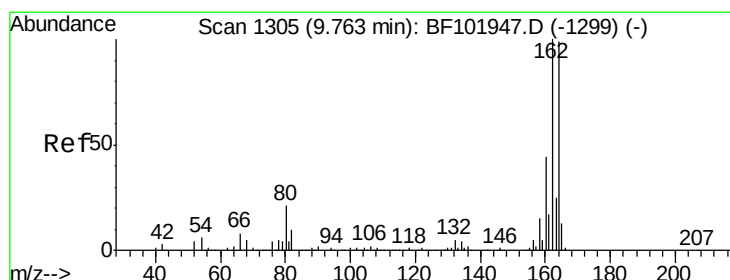
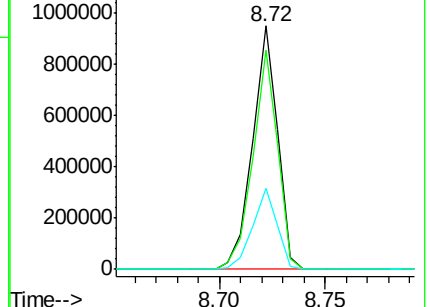
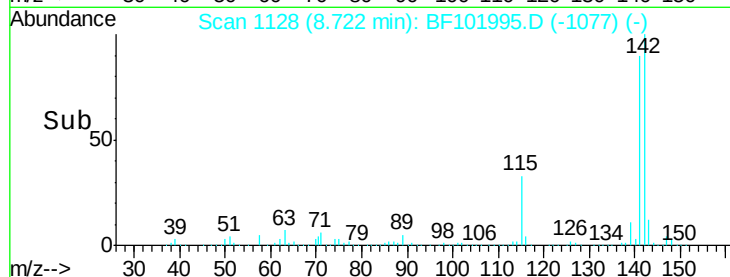
115 33.3 26.1 39.1



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: BF101995.D

Acq: 10 Jan 2018 22:36

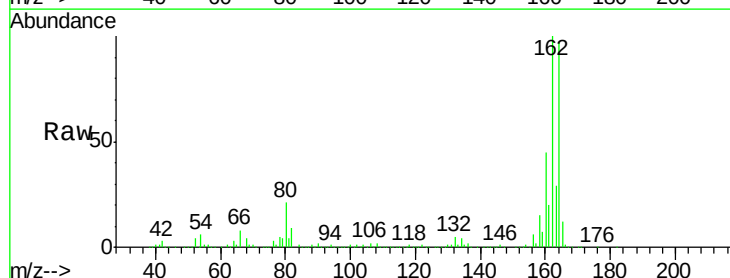
Tgt Ion:164 Resp: 374249

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

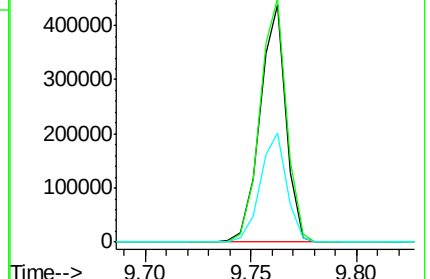
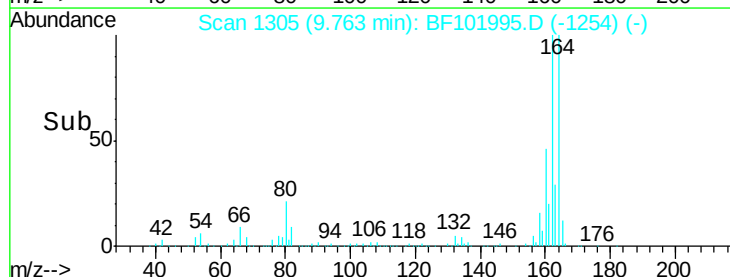
160 46.0 38.3 57.5

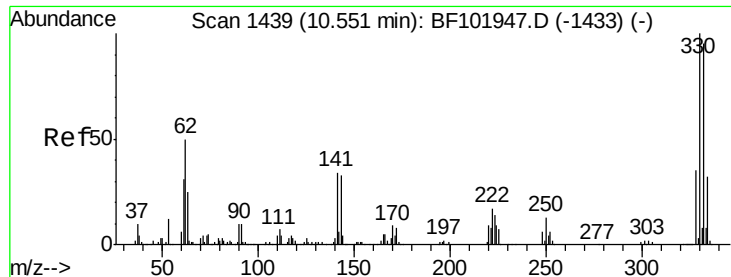


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

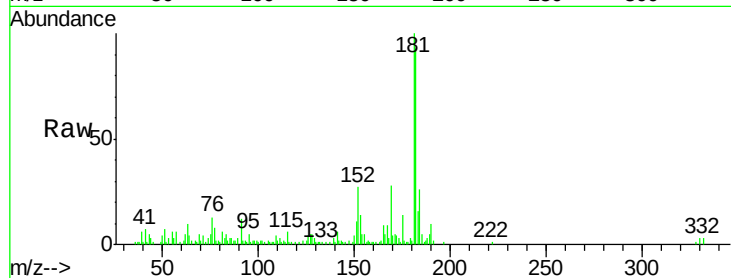




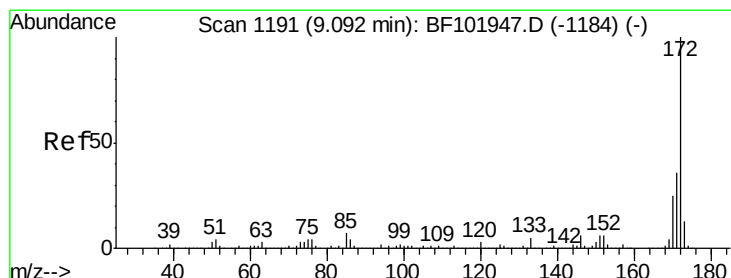
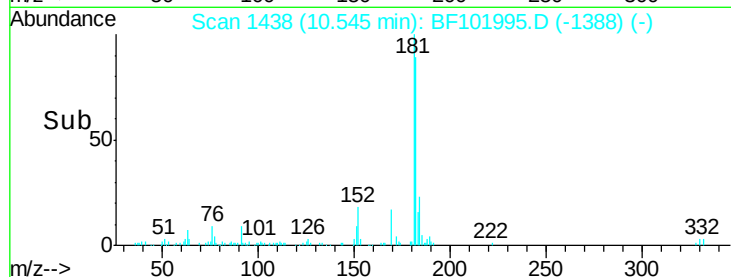
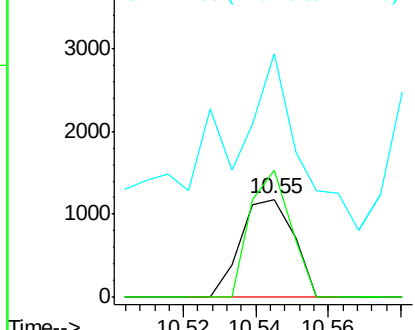
#41
 2,4,6-Tribromophenol
 Concen: 0.369 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF101995.D
 Acq: 10 Jan 2018 22:36

Instrument :
 BNA_F
 ClientSampleId :
 WC-096613-02

Tot Ion:330 Resp: 1204
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.0 115.6
 141 298.6 29.9 44.9#

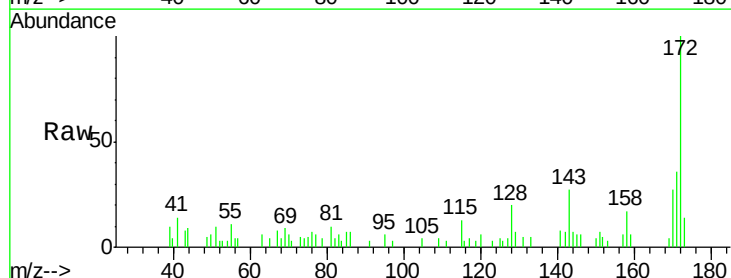


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

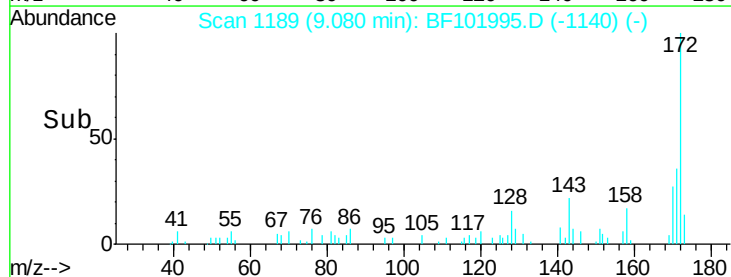
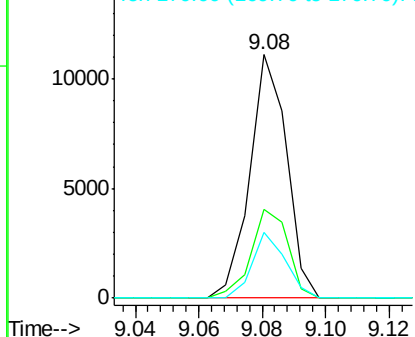


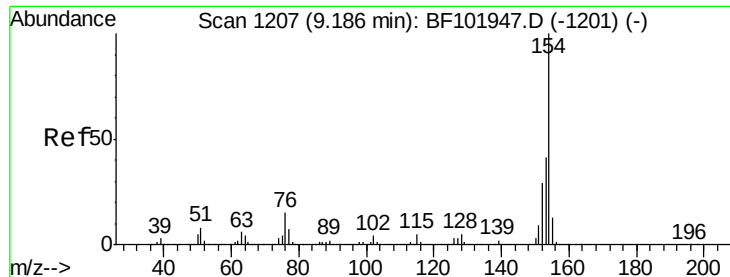
#44
 2-Fluorobiphenyl
 Concen: 0.374 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF101995.D
 Acq: 10 Jan 2018 22:36

Tgt Ion:172 Resp: 8970
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 26.9 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: 4.879 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

WC-096613-02

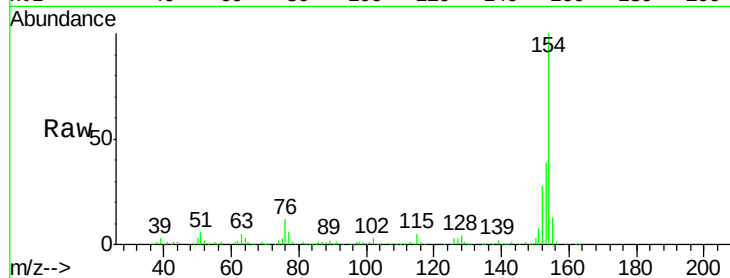
Tot Ion:154 Resp: 161410

Ion Ratio Lower Upper

154 100

153 38.9 21.3 61.3

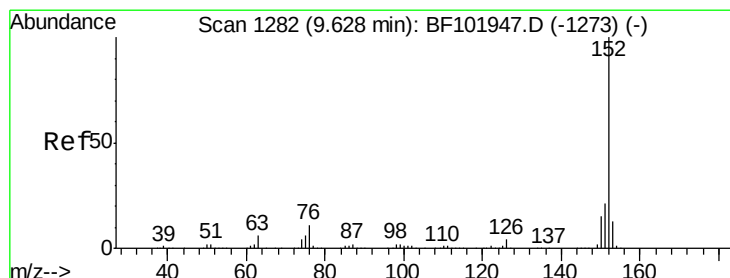
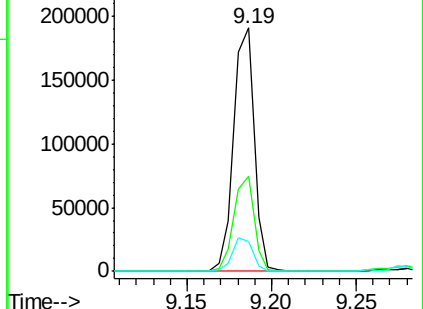
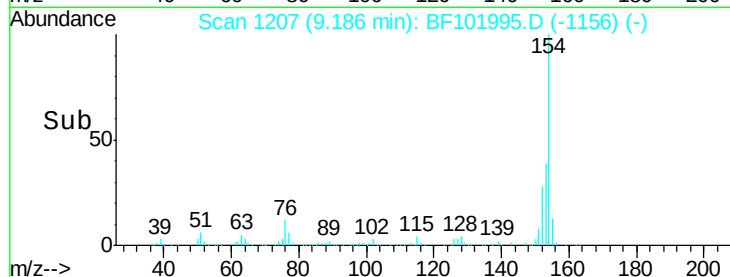
76 12.2 0.0 34.0



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: 8.807 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

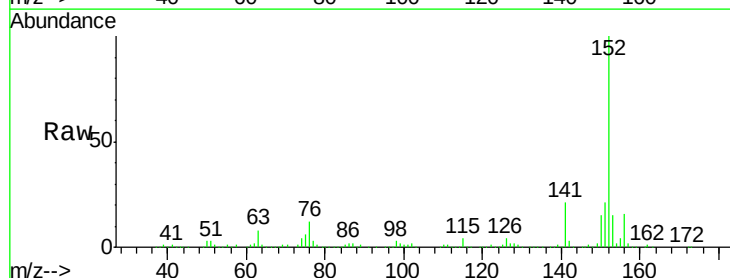
Tgt Ion:152 Resp: 358516

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

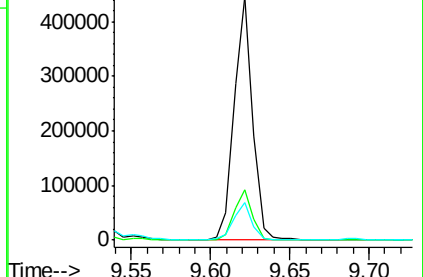
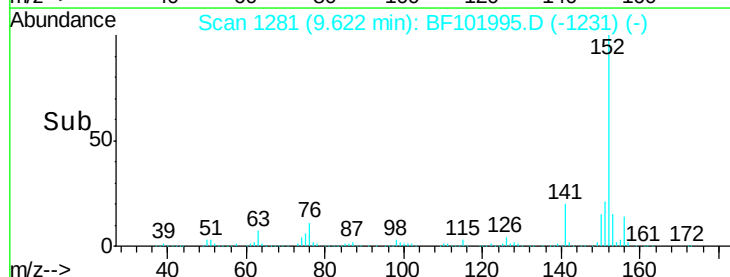
153 15.2 10.7 16.1

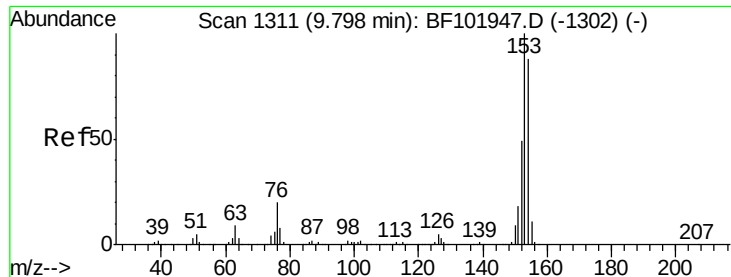


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 2.915 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

WC-096613-02

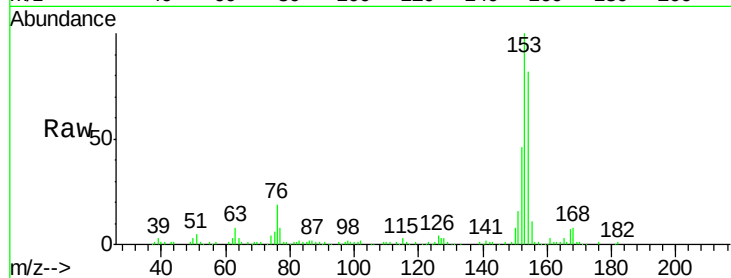
Tot Ion:154 Resp: 72029

Ion Ratio Lower Upper

154 100

153 121.3 91.2 136.8

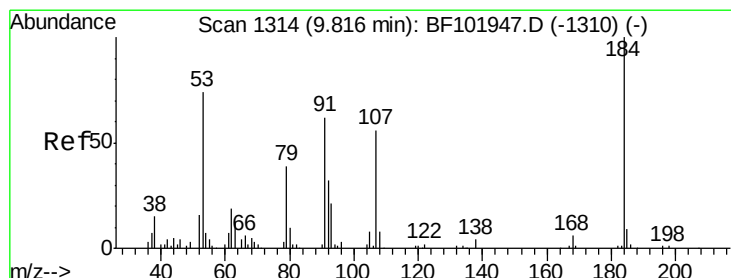
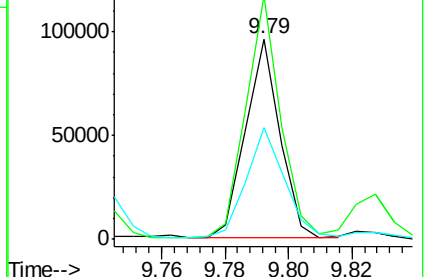
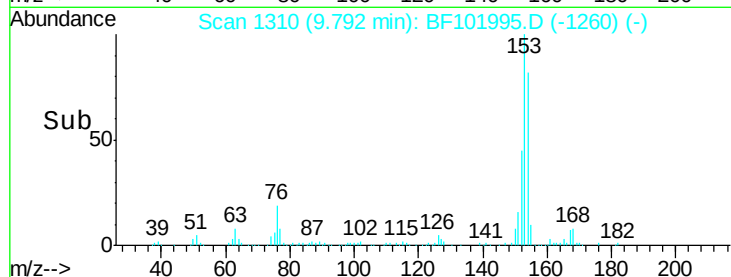
152 55.6 43.8 65.8



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: 8.713 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.24 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

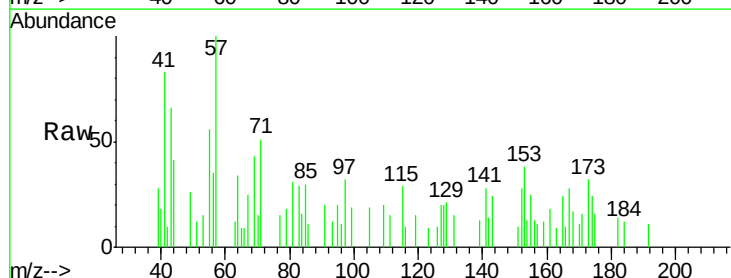
Tgt Ion:184 Resp: 142

Ion Ratio Lower Upper

184 100

63 100.0 54.2 81.2#

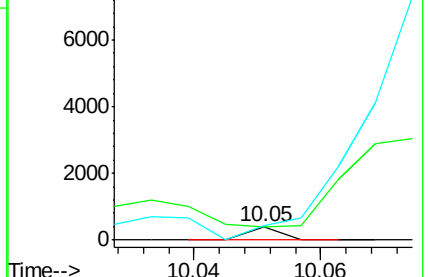
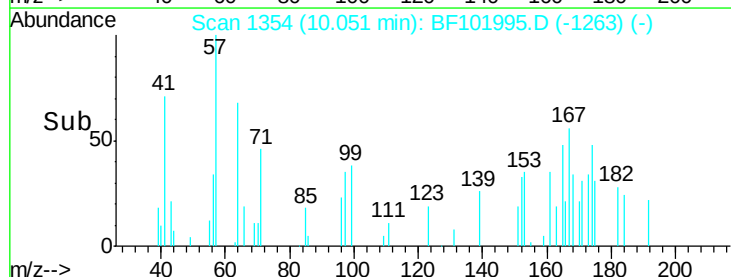
154 111.4 184.0 276.0#

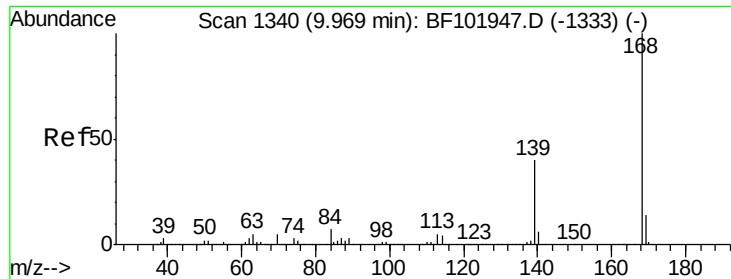


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

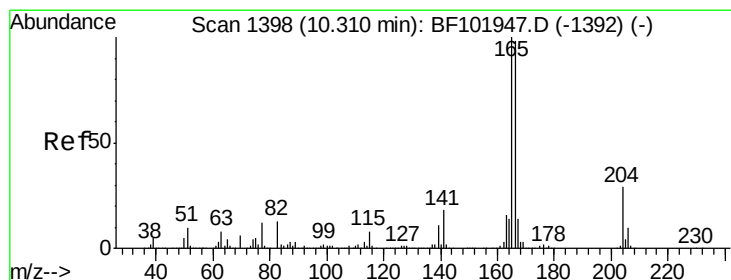
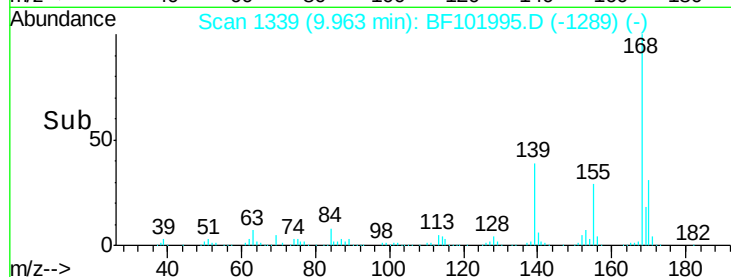
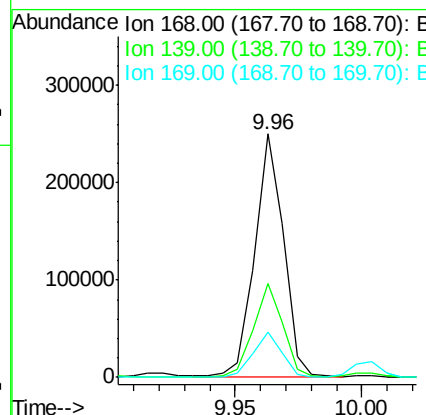
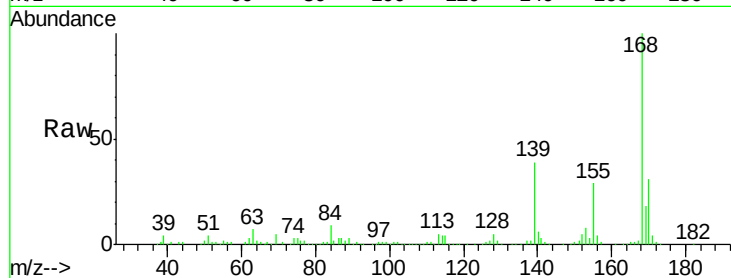




#54
Dibenzofuran
Concen: 5.829 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

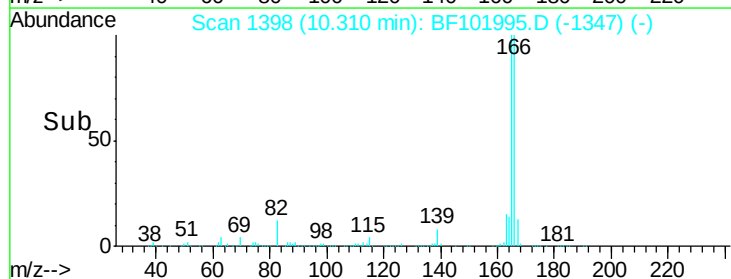
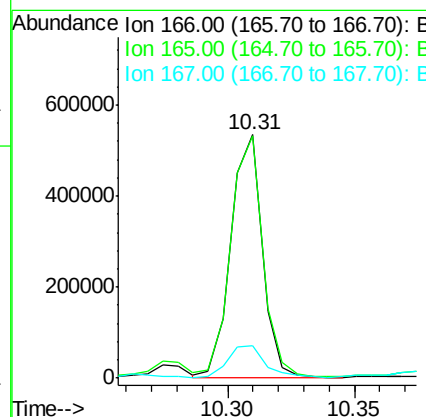
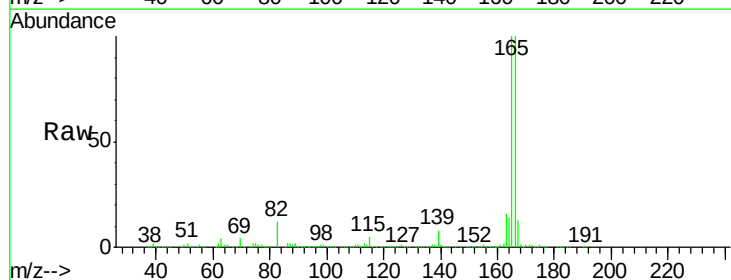
Instrument :
BNA_F
ClientSampleId :
WC-096613-02

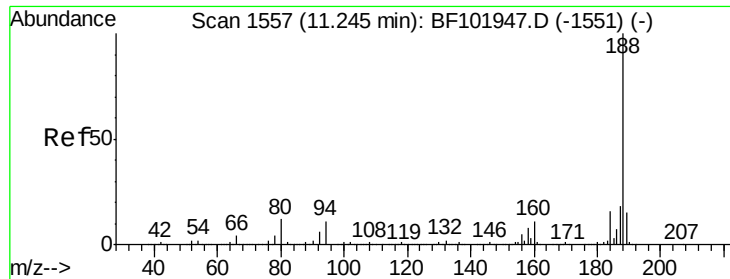
Tot Ion:168 Resp: 197657
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 18.4 10.9 16.3#



#57
Fluorene
Concen: 19.578 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

Tgt Ion:166 Resp: 458963
Ion Ratio Lower Upper
166 100
165 99.8 79.8 119.8
167 13.4 10.6 16.0

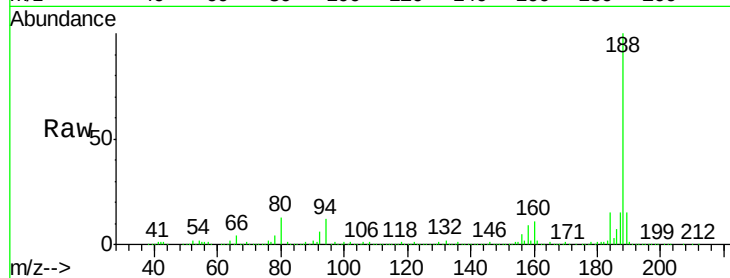




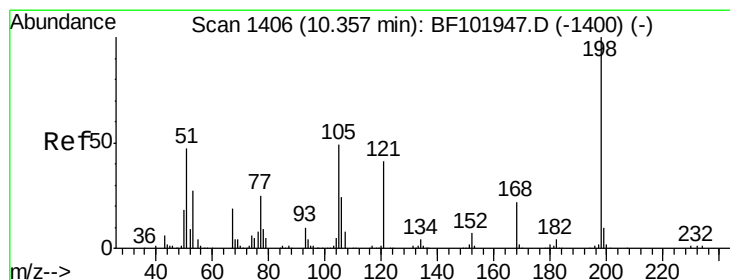
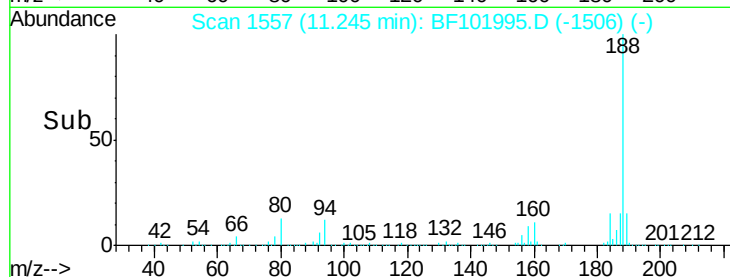
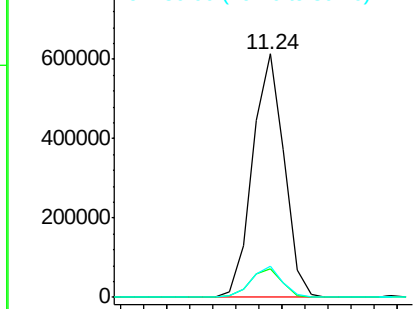
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

Instrument :
BNA_F
ClientSampleId :
WC-096613-02

Tot Ion:188 Resp: 583648
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.7 9.2 13.8

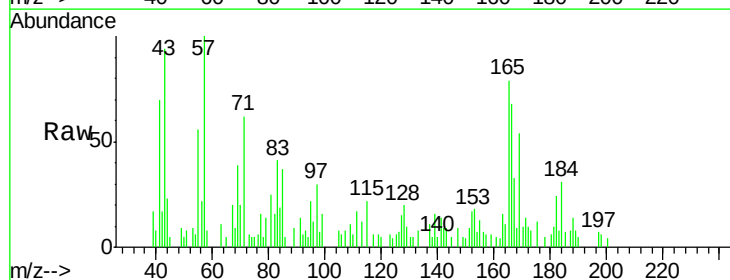


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

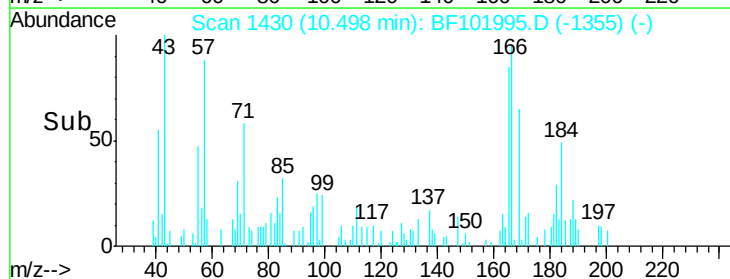
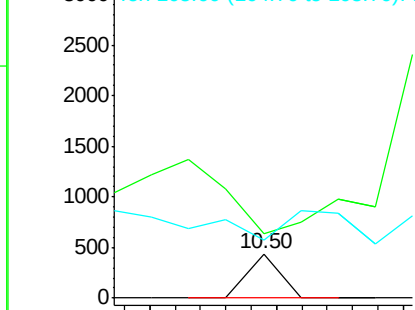


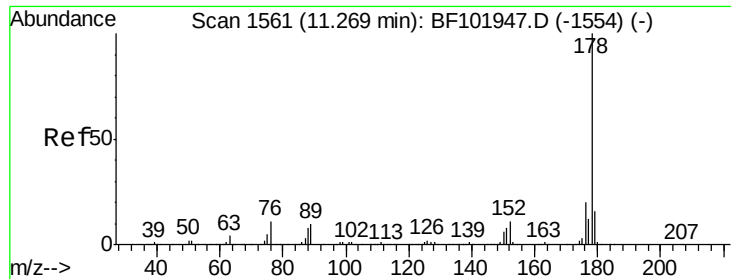
#64
4,6-Dinitro-2-methylphenol
Concen: 5.705 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.14 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

Tgt Ion:198 Resp: 153
Ion Ratio Lower Upper
198 100
51 145.1 37.7 77.7#
105 131.7 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: 49.095 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

Instrument :

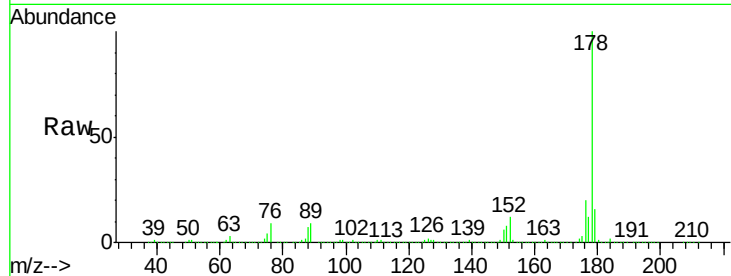
BNA_F

ClientSampleId :

WC-096613-02

Tot Ion:178 Resp: 1673777

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.5	13.0	19.6

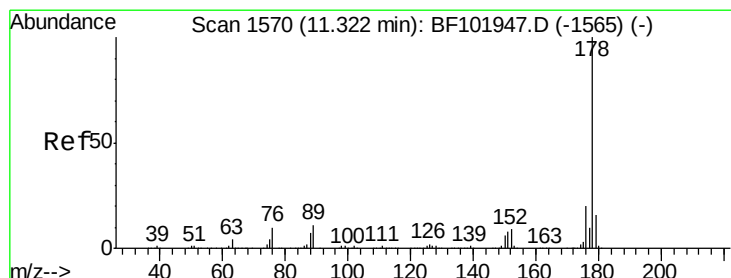
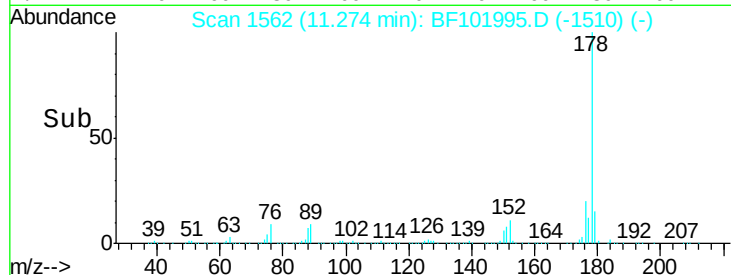
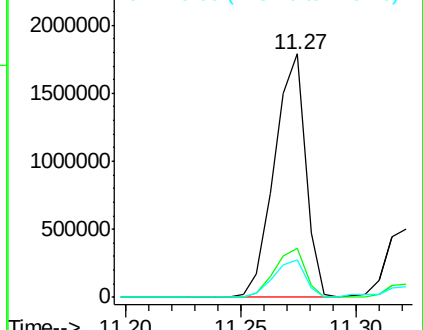


Abundance

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: 12.267 ng

RT: 11.32 min Scan# 1570

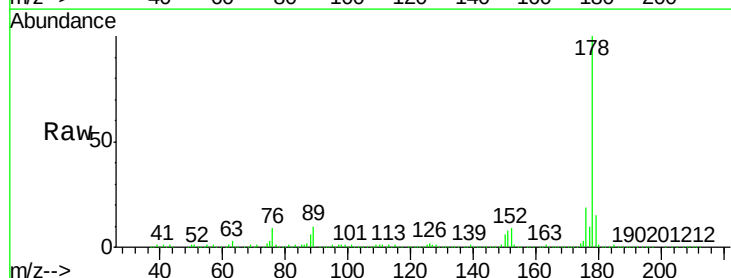
Delta R.T. -0.00 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

Tgt Ion:178 Resp: 424148

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.6	19.0

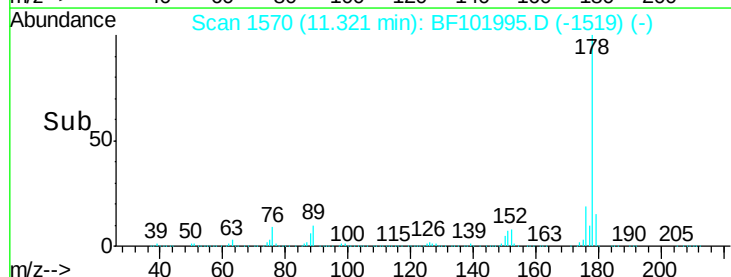
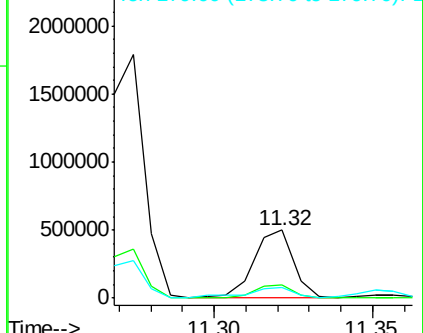


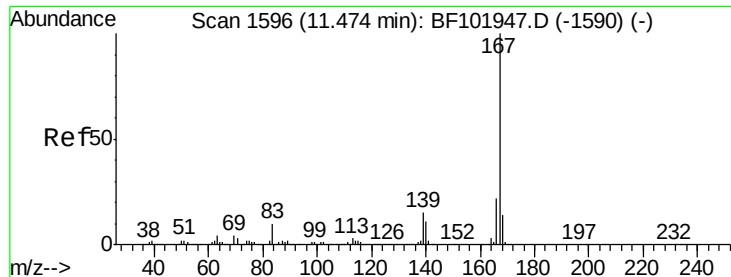
Abundance

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





#72

Carbazole

Concen: 3.270 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

WC-096613-02

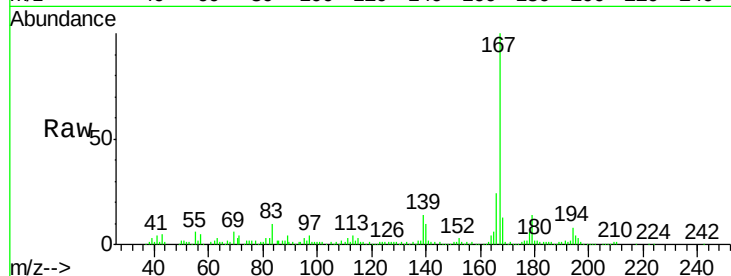
Tot Ion:167 Resp: 111126

Ion Ratio Lower Upper

167 100

166 23.7 17.6 26.4

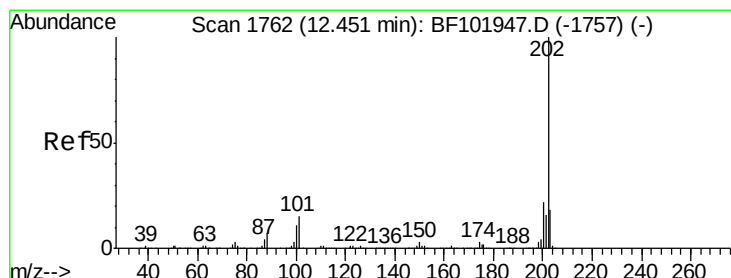
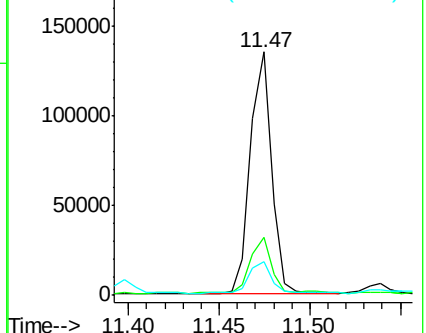
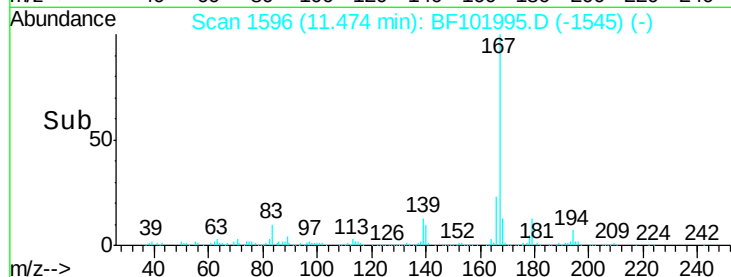
139 14.1 10.9 16.3



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: 25.417 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

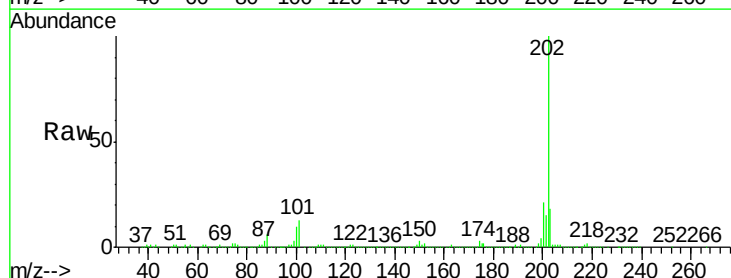
Tgt Ion:202 Resp: 852561

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

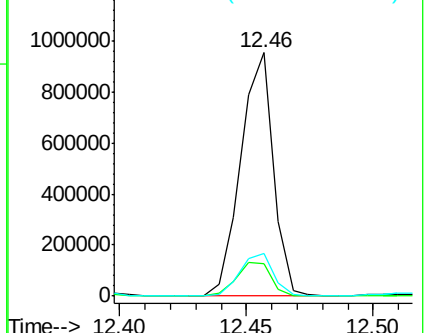
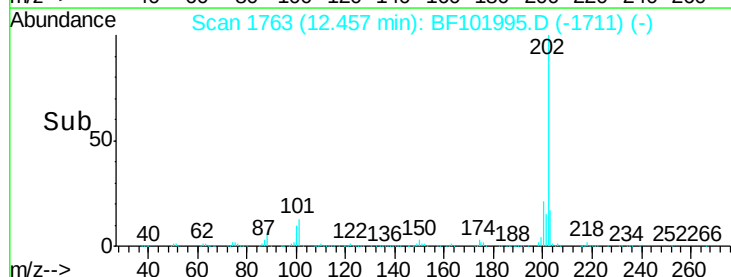
203 17.6 0.0 38.1

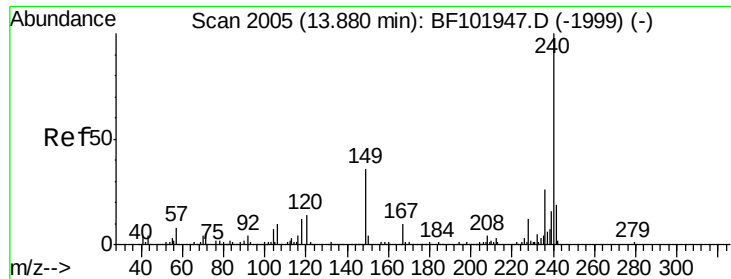


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF101995.D

Acq: 10 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

WC-096613-02

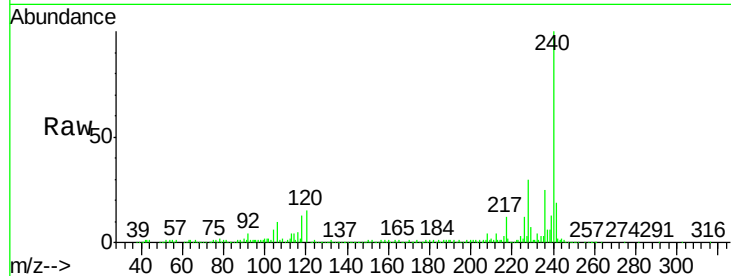
Tot Ion:240 Resp: 335034

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

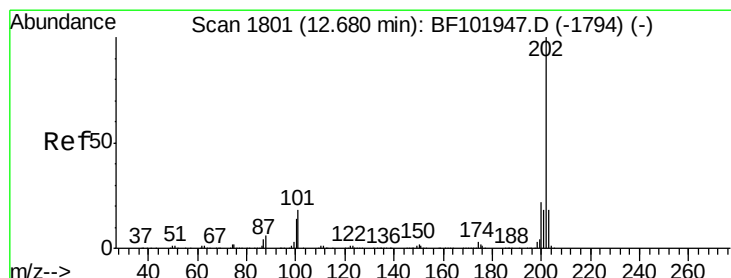
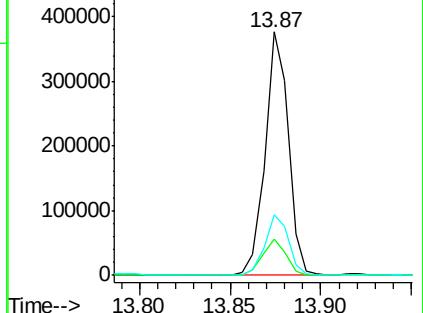
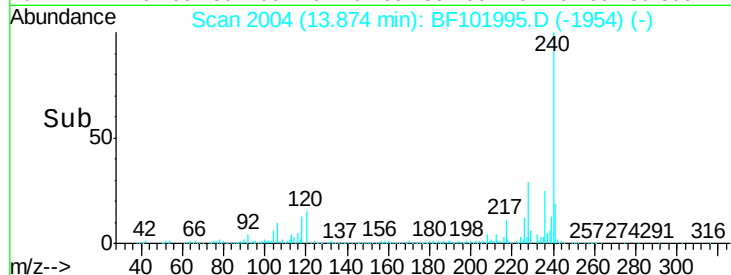
236 24.9 20.7 31.1



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

Pyrene

Concen: 32.872 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

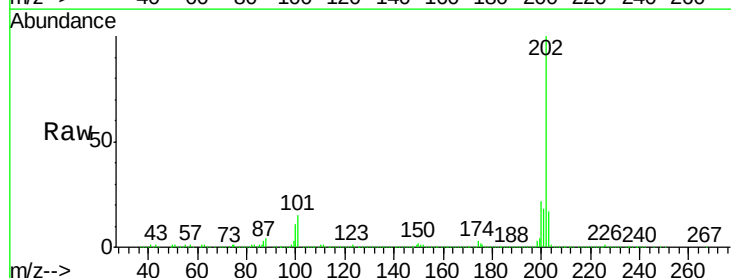
Tgt Ion:202 Resp: 973510

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

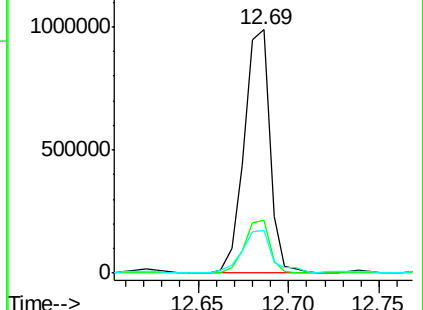
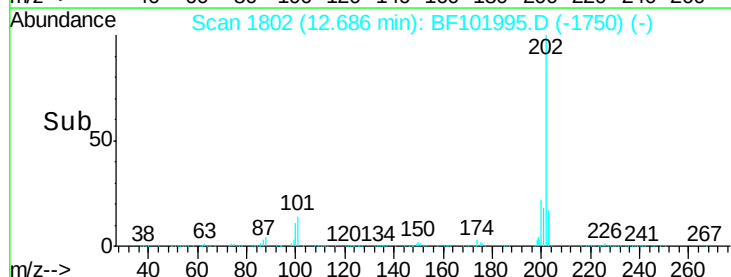
203 17.4 14.3 21.5

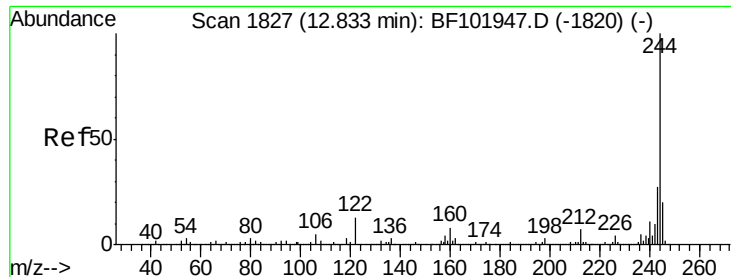


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 0.412 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

WC-096613-02

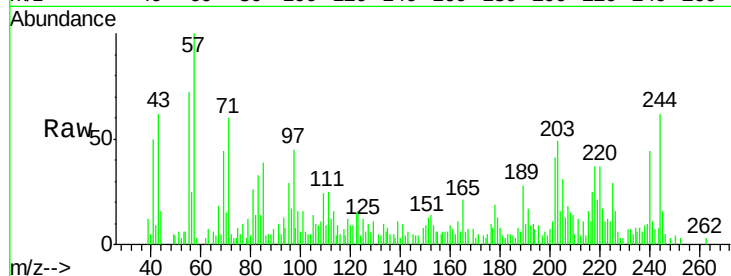
Tot Ion:244 Resp: 6654

Ion Ratio Lower Upper

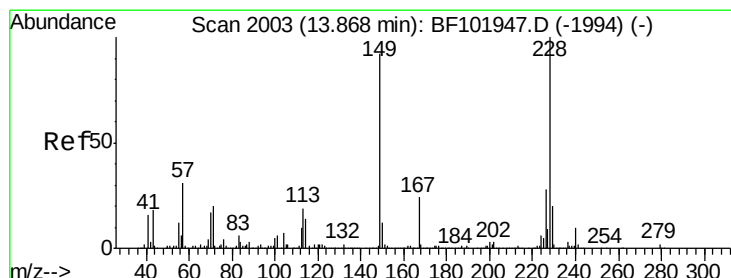
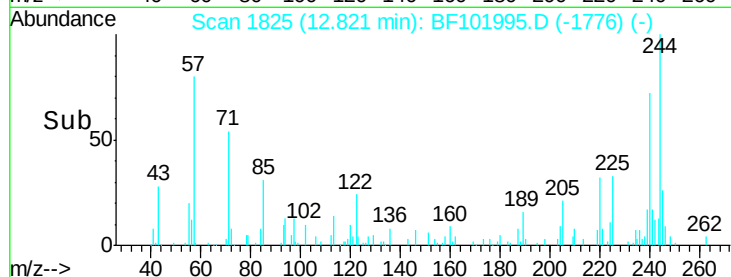
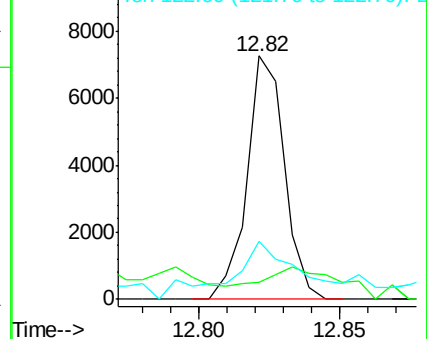
244 100

212 7.1 5.4 8.0

122 23.7 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: 14.658 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

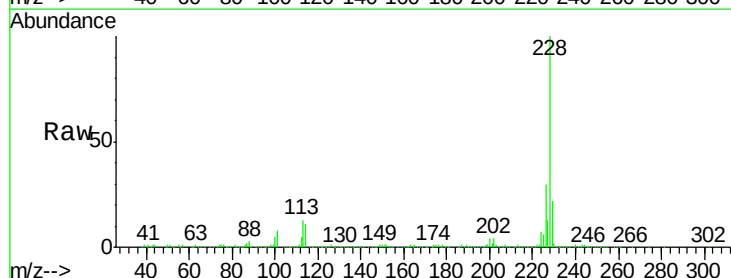
Tgt Ion:228 Resp: 313321

Ion Ratio Lower Upper

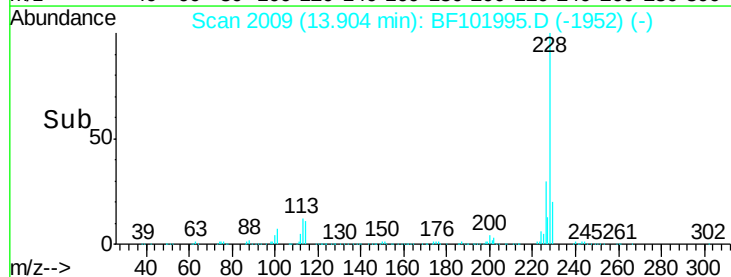
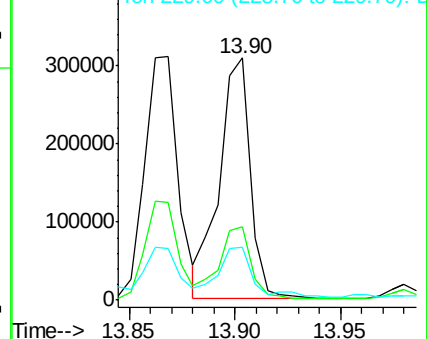
228 100

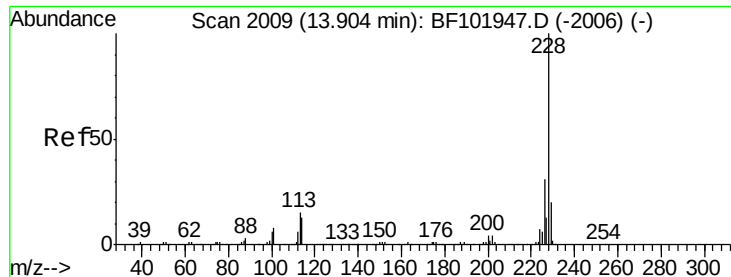
226 30.1 22.6 33.8

229 21.8 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: 14.057 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

WC-096613-02

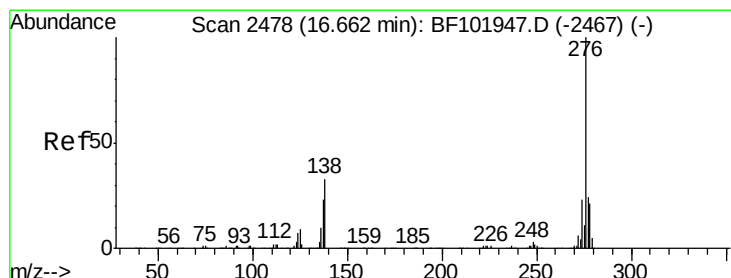
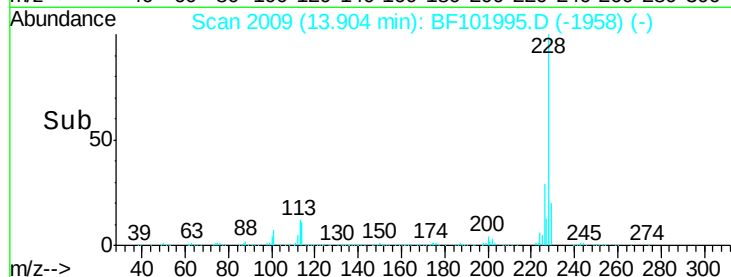
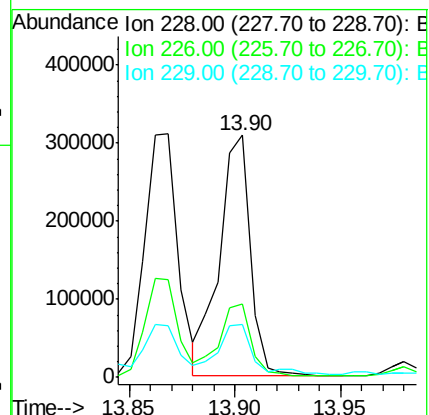
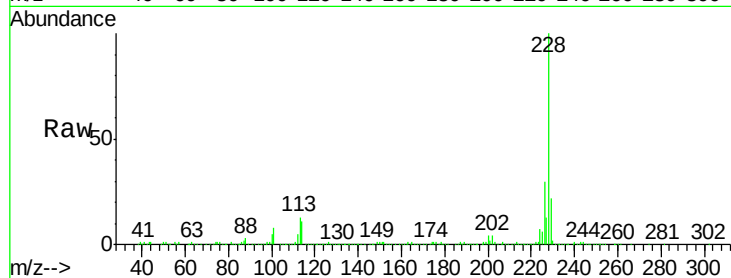
Tot Ion:228 Resp: 313321

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

229 21.8 16.2 24.4



#85

Indeno(1,2,3-cd)pyrene

Concen: 10.879 ng

RT: 16.66 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

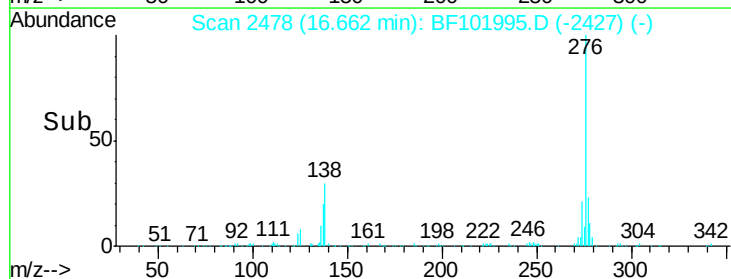
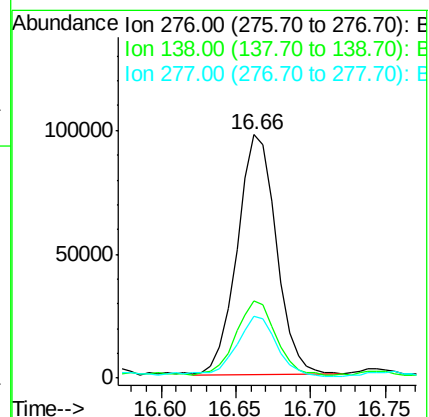
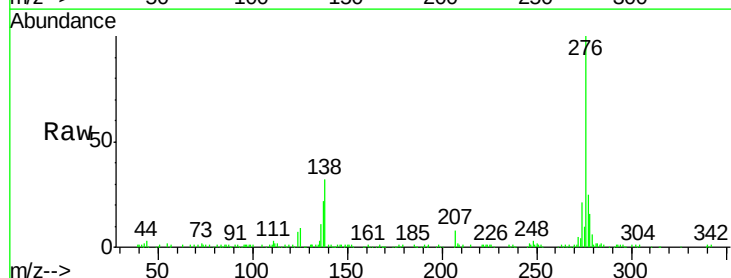
Tgt Ion:276 Resp: 176490

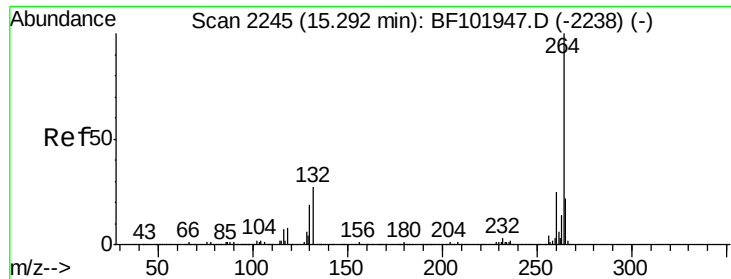
Ion Ratio Lower Upper

276 100

138 31.4 25.0 37.6

277 25.6 20.1 30.1



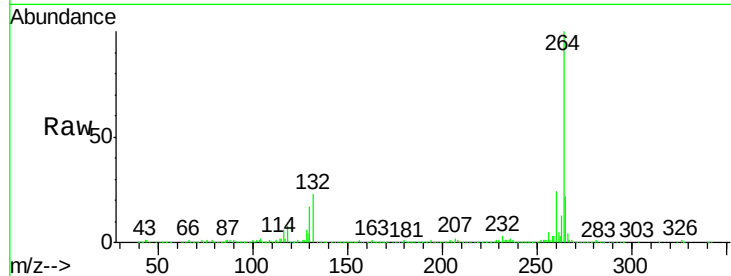


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

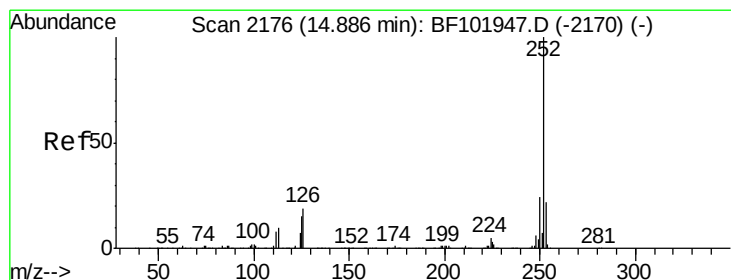
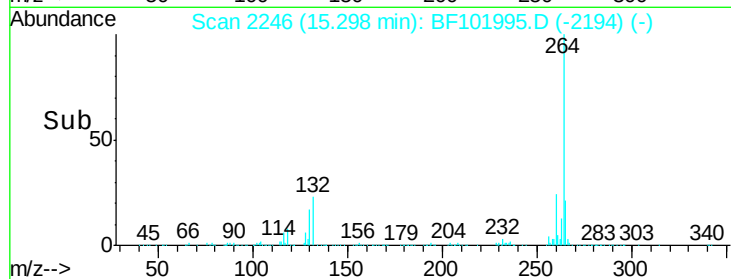
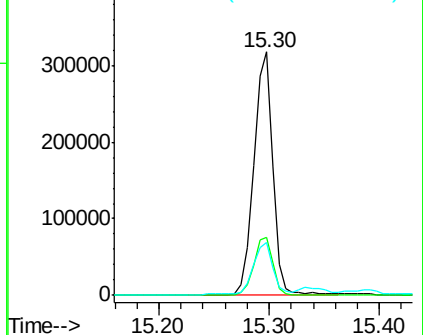
Instrument :
BNA_F
ClientSampleId :
WC-096613-02

Tot Ion:264 Resp: 385483

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3



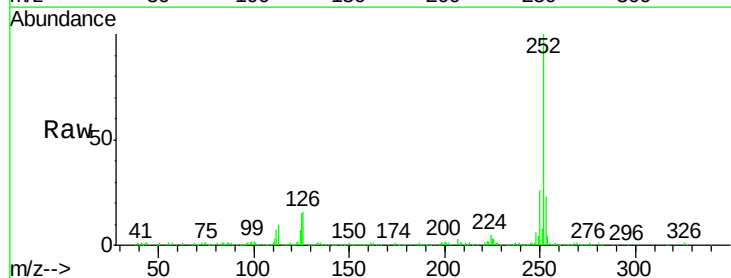
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



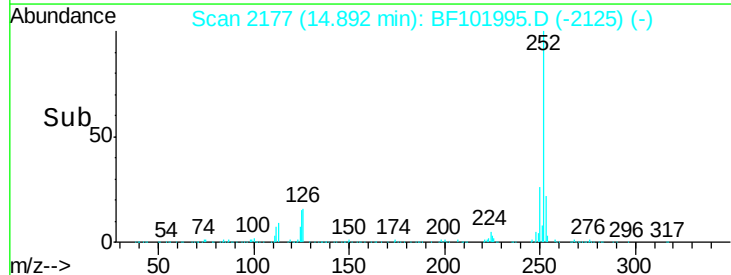
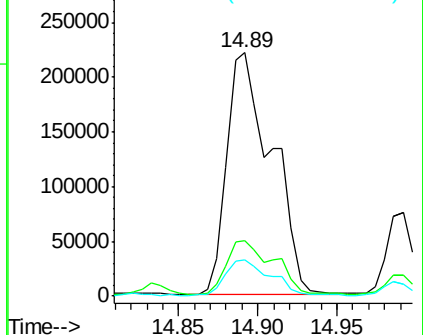
#87
Benzo(b)fluoranthene
Concen: 17.433 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

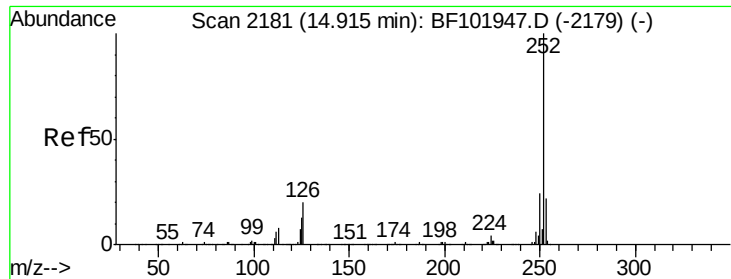
Tgt Ion:252 Resp: 438170

Ion	Ratio	Lower	Upper
252	100		
253	22.6	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

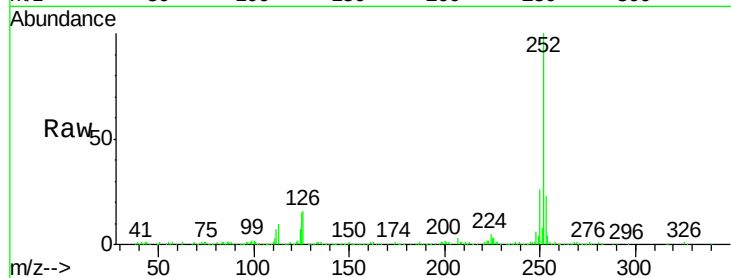




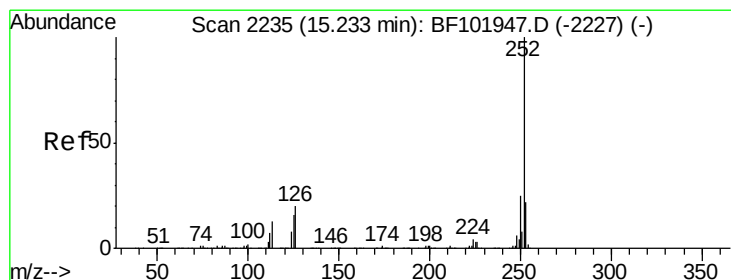
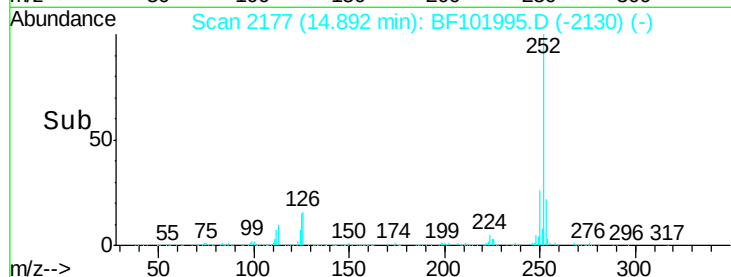
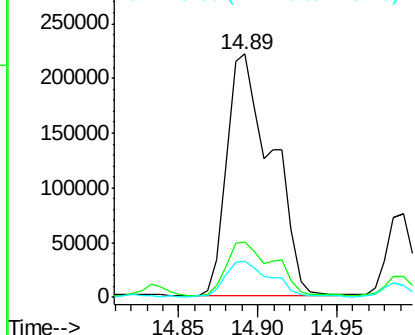
#88
Benzo(k)fluoranthene
Concen: 18.071 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

Instrument :
BNA_F
ClientSampleId :
WC-096613-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	14.8	10.2	15.2

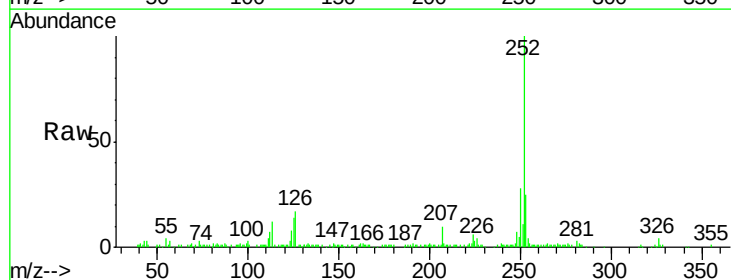


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

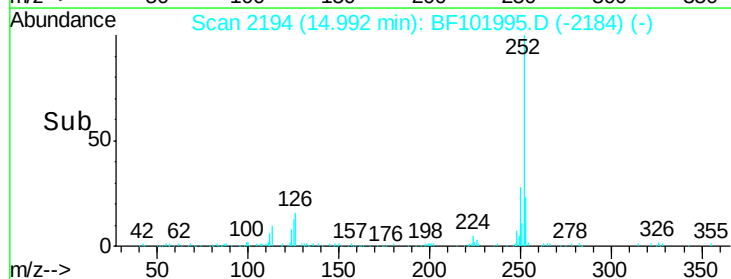
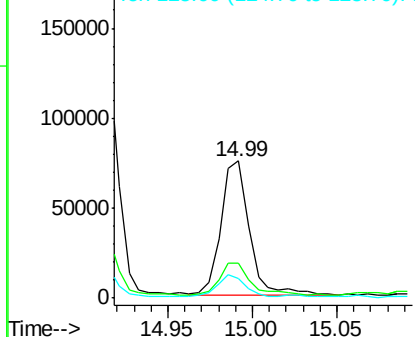


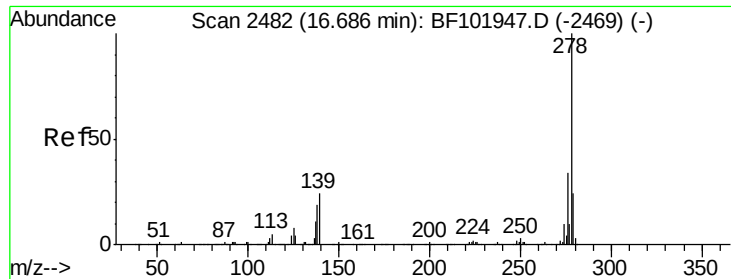
#89
Benzo(a)pyrene
Concen: 3.909 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.24 min
Lab File: BF101995.D
Acq: 10 Jan 2018 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	13.9	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: 2.643 ng

RT: 16.68 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

WC-096613-02

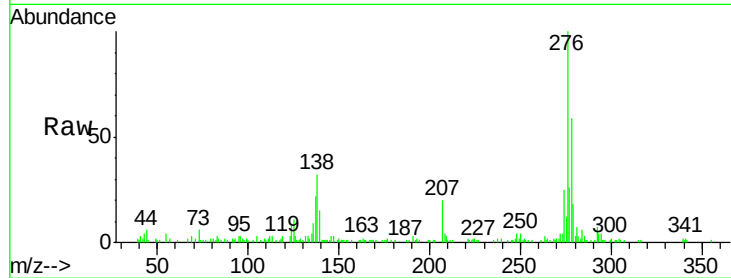
Tot Ion:278 Resp: 47713

Ion Ratio Lower Upper

278 100

139 25.8 15.9 23.9#

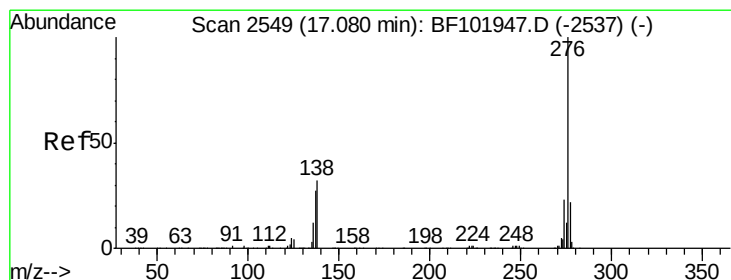
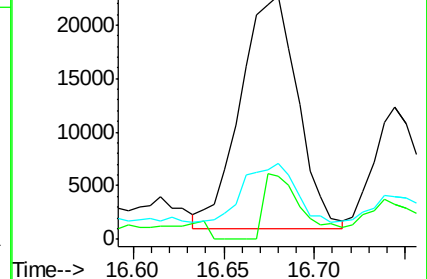
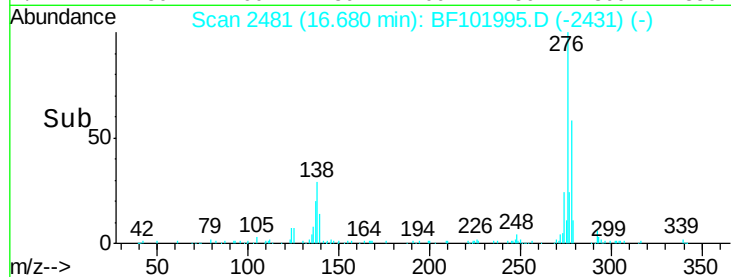
279 31.4 19.0 28.4#



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(g,h,i)perylene

Concen: 10.167 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BF101995.D

Acq: 10 Jan 2018 22:36

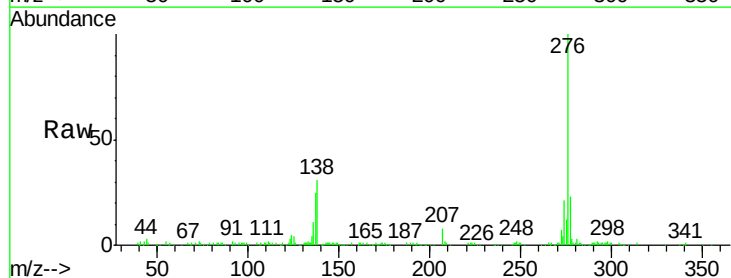
Tgt Ion:276 Resp: 184857

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 30.5 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

