

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107165.D
 Acq On : 6 Jul 2018 10:59
 Operator : JU/SJ
 Sample : J3853-08DL 2X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-7DL

Quant Time: Jul 06 11:48:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	54386	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	191533	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	91799	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	153188	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	170814	20.00	ng	-0.03
86) Perylene-d12	15.67	264	122896	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	172431	53.69	ng	-0.02
7) Phenol-d6	6.59	99	211100	52.63	ng	-0.02
23) Nitrobenzene-d5	7.51	82	118862	34.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	43757	41.13	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	186236	23.70	ng	-0.02
78) Terphenyl-d14	13.06	244	207823	29.47	ng	-0.02

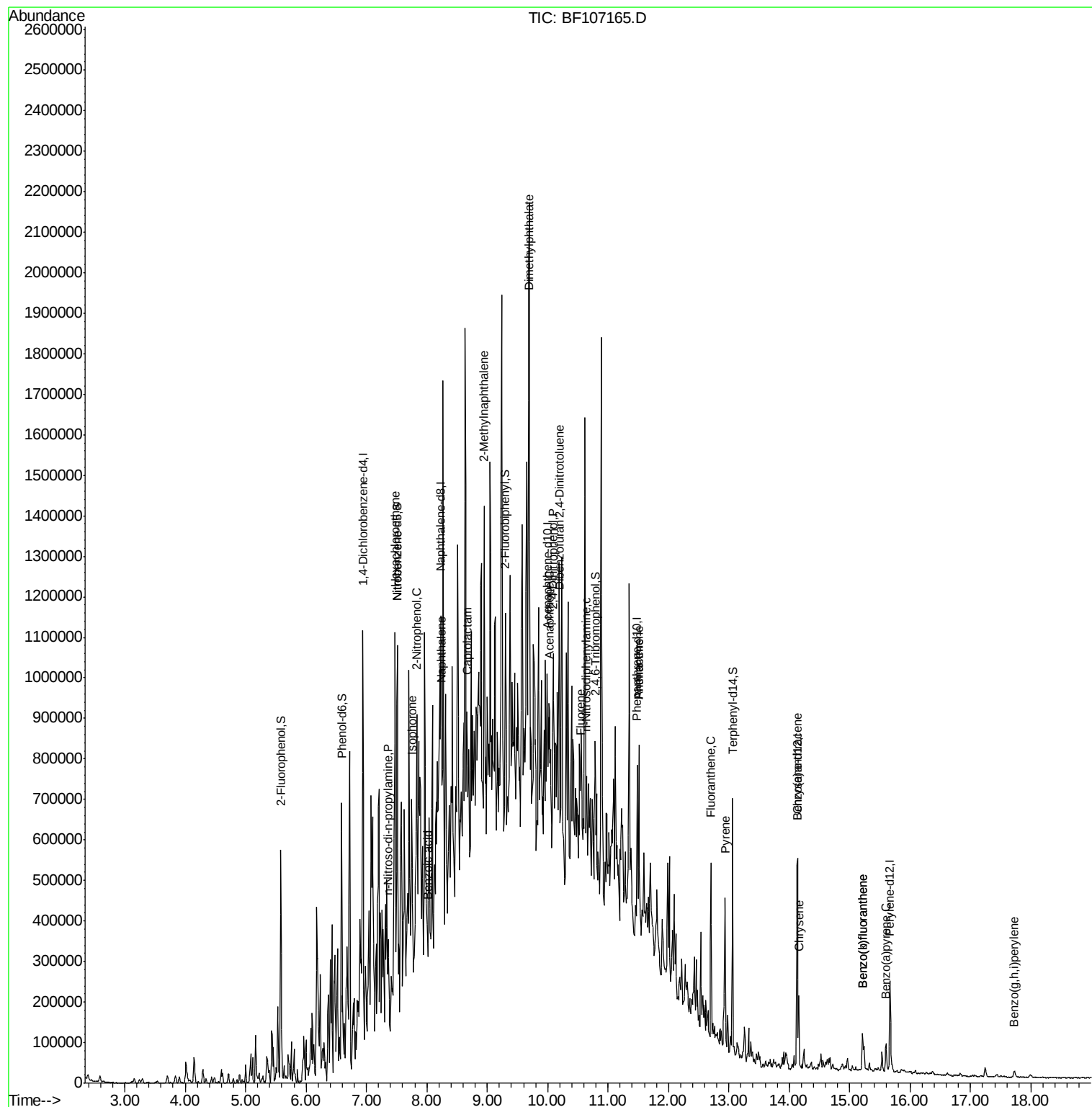
Target Compounds				Qvalue		
18) Hexachloroethane	7.47	117	35058	23.900	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	13402	5.069	ng	# 61
20) 3+4-Methylphenols	7.37	107	858	Below Cal		# 1
24) Nitrobenzene	7.51	77	7219	2.052	ng	# 33
25) Isophorone	7.75	82	25700	4.232	ng	# 1
26) 2-Nitrophenol	7.84	139	3384	2.037	ng	# 1
31) Naphthalene	8.25	128	23572	2.632	ng	# 60
32) Benzoic acid	8.01	122	3108	7.197	ng	# 24
35) Caprolactam	8.67	113	4761	5.434	ng	# 1
37) 2-Methylnaphthalene	8.95	142	271889	45.808	ng	# 97
49) Dimethylphthalate	9.70	163	26732	3.883	ng	# 57
51) Acenaphthene	10.02	154	31629	5.525	ng	# 88
53) 2,4-Dinitrophenol	10.10	184	153	5.541	ng	# 1
54) Dibenzofuran	10.20	168	32903	4.197	ng	# 88
56) 2,4-Dinitrotoluene	10.19	165	9549	5.018	ng	# 59
57) Fluorene	10.54	166	44735	7.191	ng	# 92
65) n-Nitrosodiphenylamine	10.64	169	60565	11.754	ng	# 36
70) Phenanthrene	11.51	178	190877	25.834	ng	# 99
71) Anthracene	11.51	178	190877	25.310	ng	# 99
74) Fluoranthene	12.70	202	166293	20.420	ng	# 96
77) Pyrene	12.94	202	158993	14.115	ng	# 98
80) Benzo(a)anthracene	14.12	228	76258	7.325	ng	# 98
82) Chrysene	14.16	228	65387	6.827	ng	# 98
87) Benzo(b)fluoranthene	15.21	252	81010	10.611	ng	# 98
88) Benzo(k)fluoranthene	15.21	252	81010	11.143	ng	# 97
89) Benzo(a)pyrene	15.60	252	38005	5.600	ng	# 98
91) Benzo(g,h,i)perylene	17.73	276	13905	2.473	ng	# 90

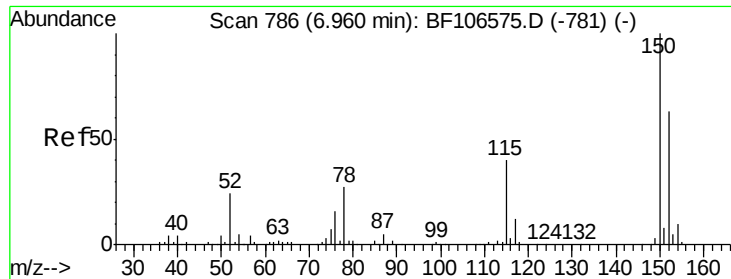
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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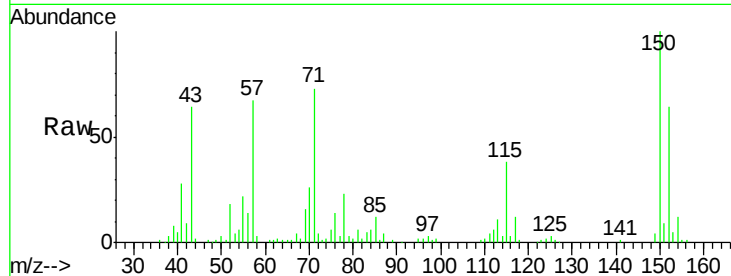


#1

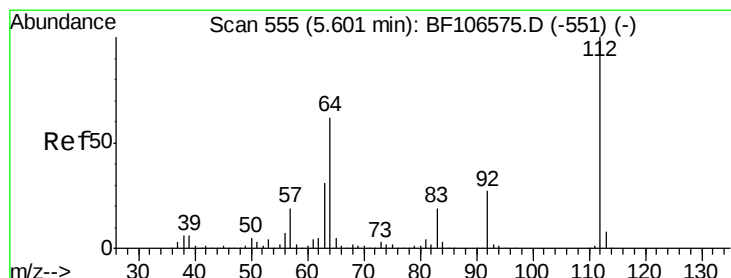
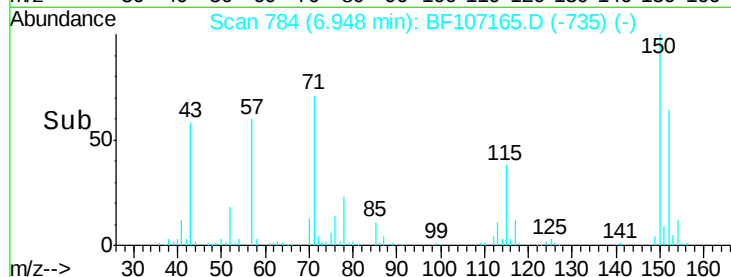
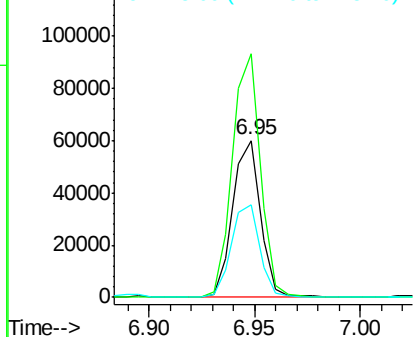
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107165.D
Acq: 6 Jul 2018 10:59

Instrument :
BNA_F
ClientSampleId :
B-7DL

Tgt Ion:152 Resp: 54386
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 59.2 50.1 75.1



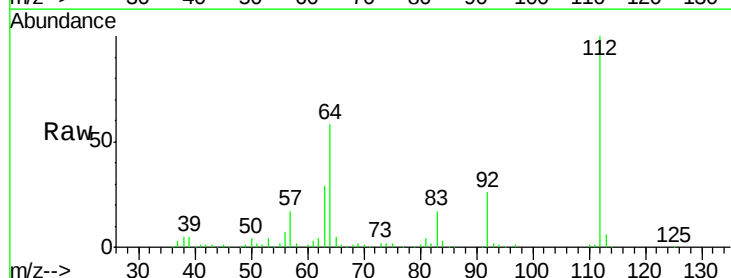
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



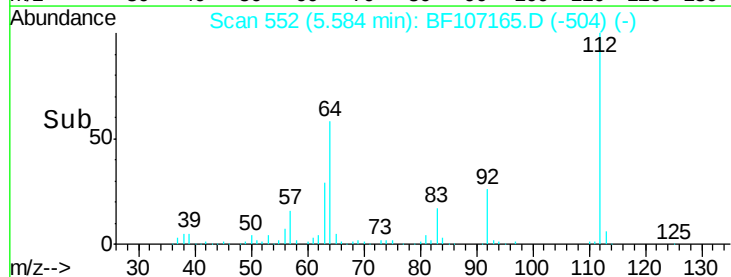
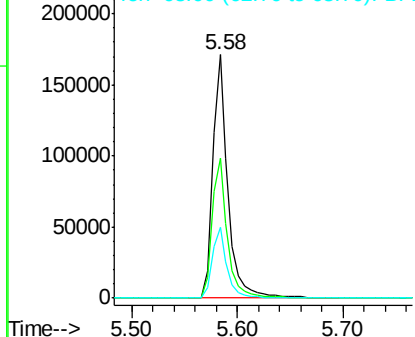
#5

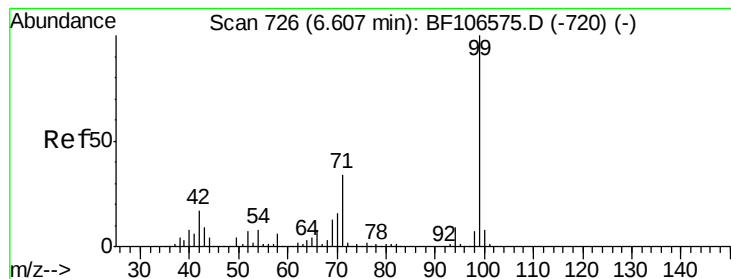
2-Fluorophenol
Concen: 53.687 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107165.D
Acq: 6 Jul 2018 10:59

Tgt Ion:112 Resp: 172431
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 28.8 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: 52.631 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

Instrument :

BNA_F

ClientSampleId :

B-7DL

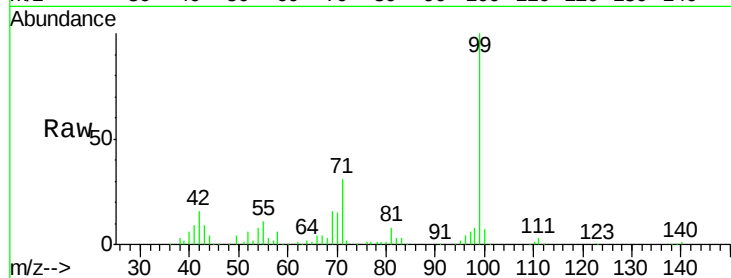
Tgt Ion: 99 Resp: 211100

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

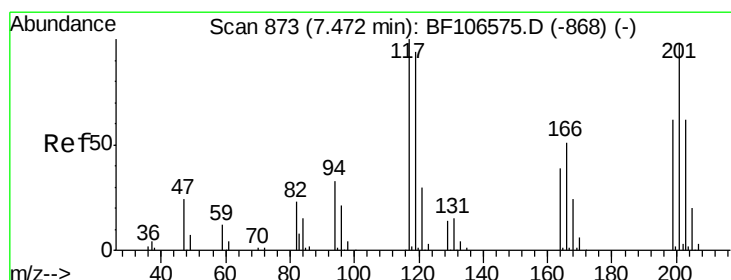
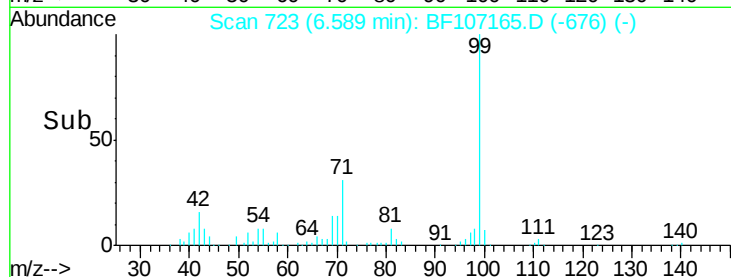
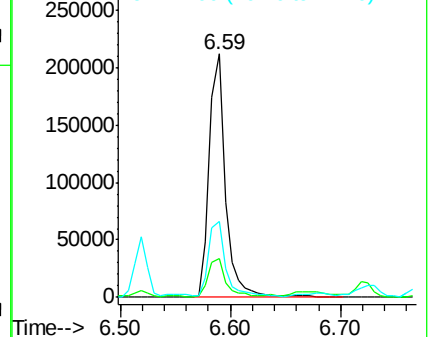
71 31.2 25.4 38.0



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



#18

Hexachloroethane

Concen: 23.900 ng

RT: 7.47 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

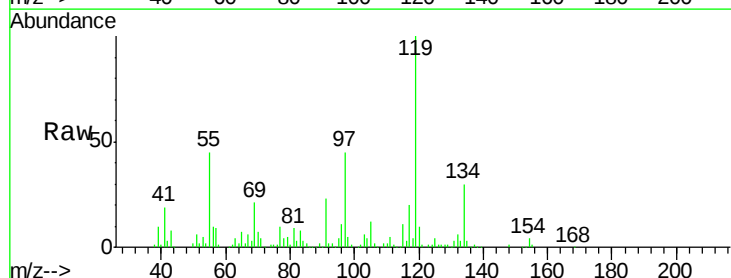
Tgt Ion: 117 Resp: 35058

Ion Ratio Lower Upper

117 100

119 491.0 75.8 113.8#

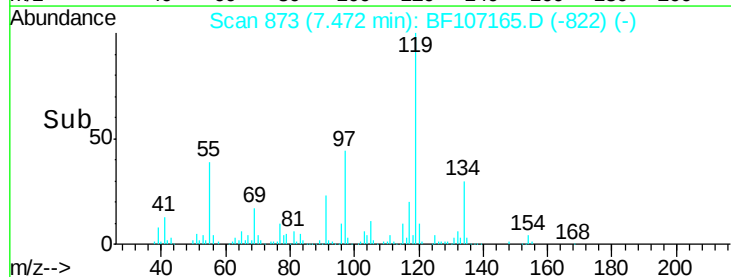
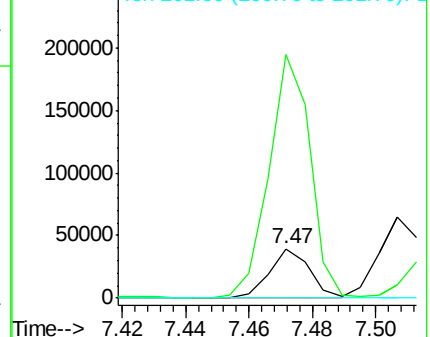
201 0.0 75.7 113.5#

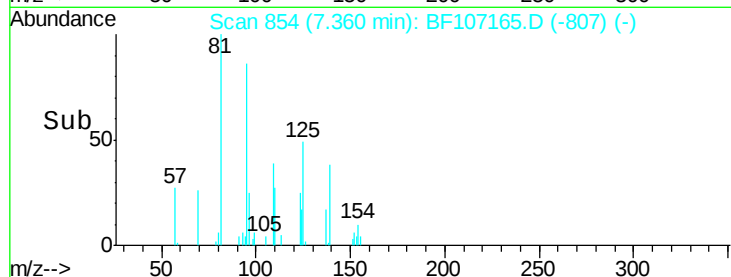
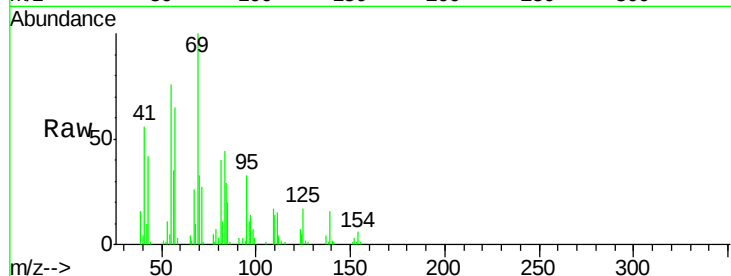
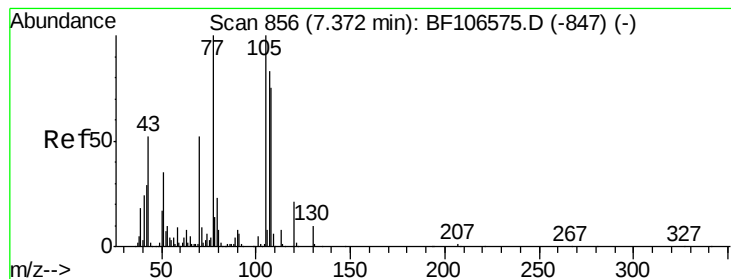


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 5.069 ng

RT: 7.36 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

Instrument :

BNA_F

ClientSampleId :

B-7DL

Tgt Ion: 70 Resp: 13402

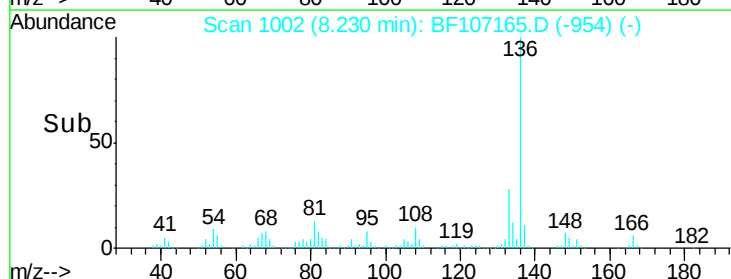
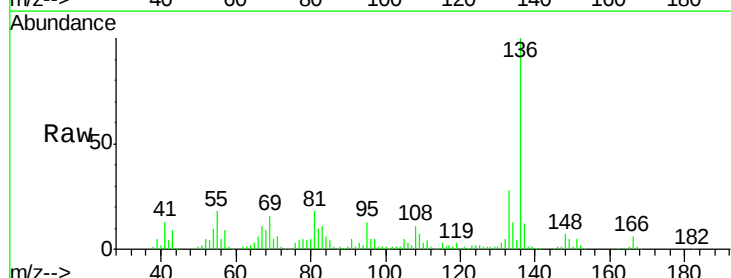
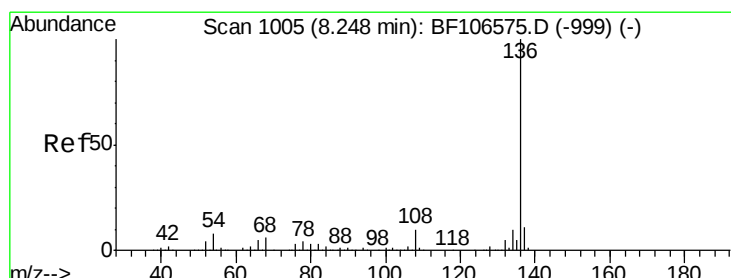
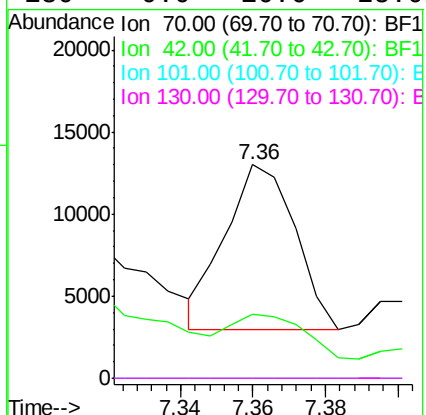
Ion Ratio Lower Upper

70 100

42 30.2 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

Tgt Ion: 136 Resp: 191533

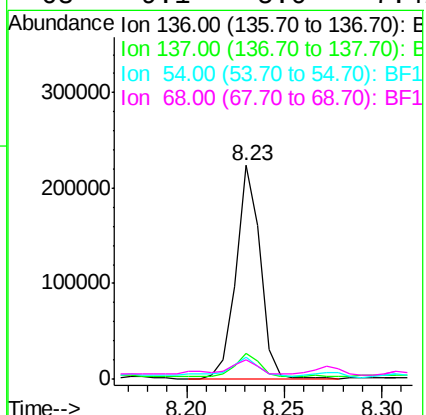
Ion Ratio Lower Upper

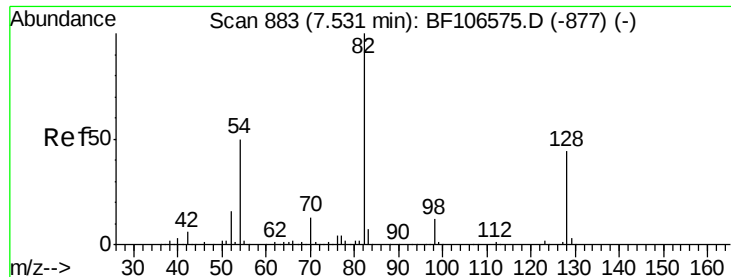
136 100

137 12.0 8.9 13.3

54 10.1 6.6 9.8#

68 9.1 5.0 7.4#

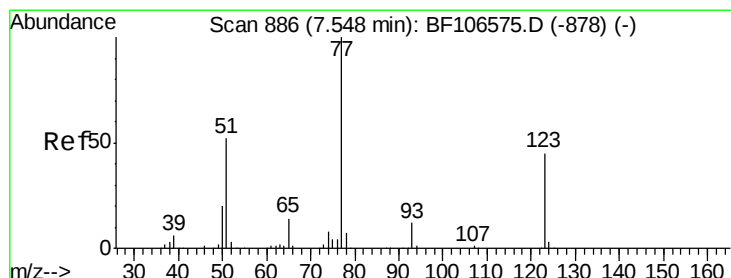
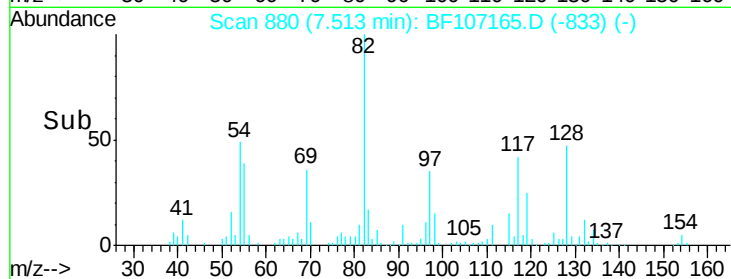
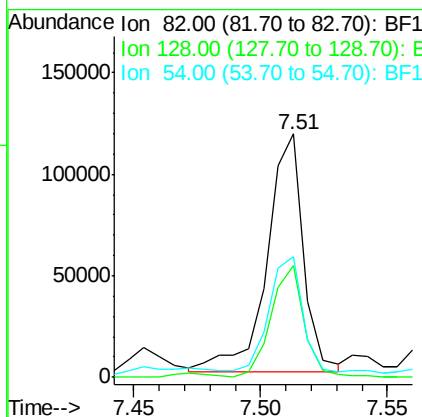
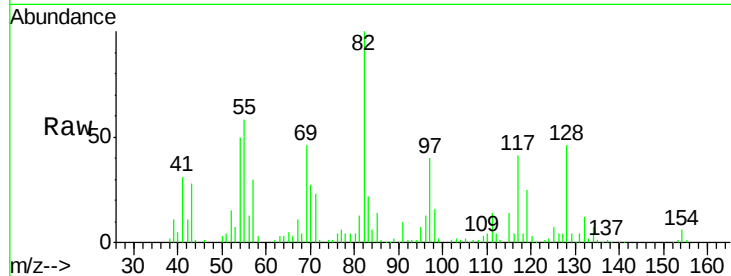




#23
 Nitrobenzene-d5
 Concen: 34.488 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107165.D
 Acq: 6 Jul 2018 10:59

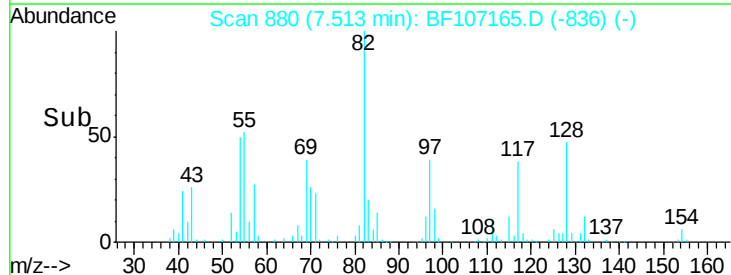
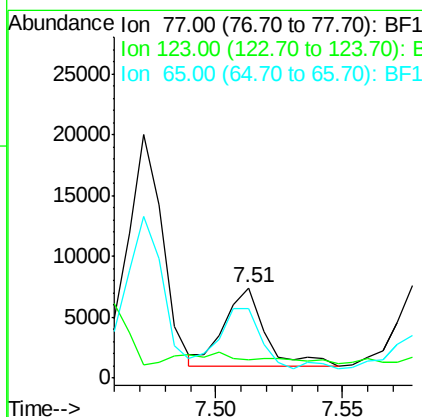
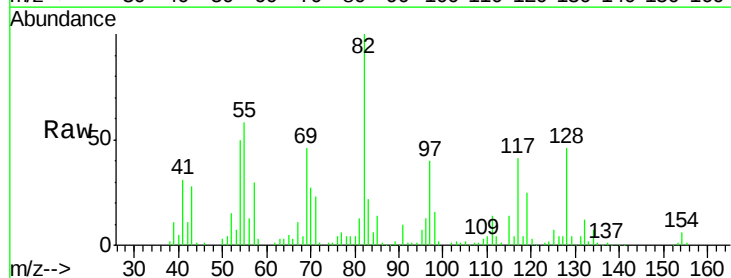
Instrument :
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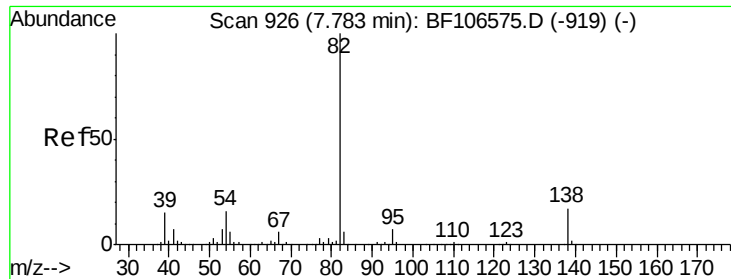
Tgt Ion: 82 Resp: 118862
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 49.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 2.052 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.04 min
 Lab File: BF107165.D
 Acq: 6 Jul 2018 10:59

Tgt Ion: 77 Resp: 7219
 Ion Ratio Lower Upper
 77 100
 123 19.9 37.9 56.9#
 65 77.0 11.0 16.4#

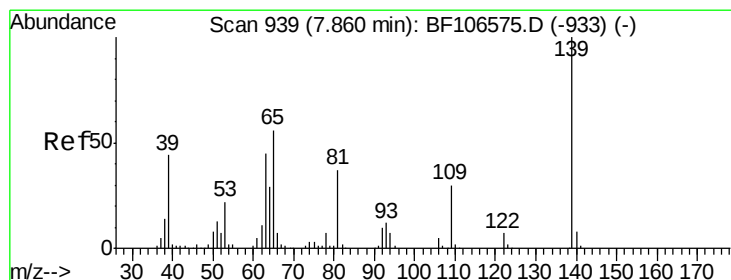
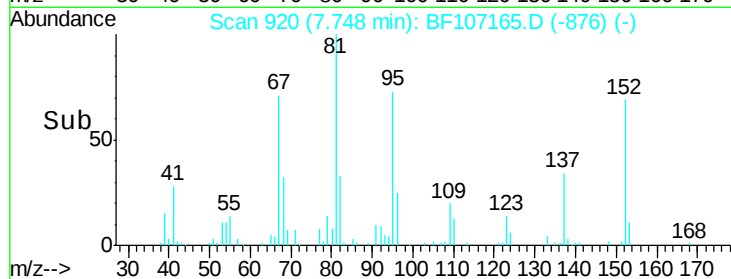
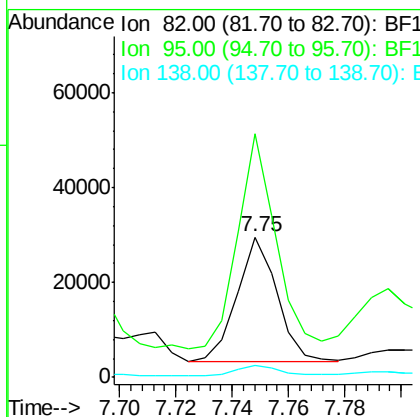
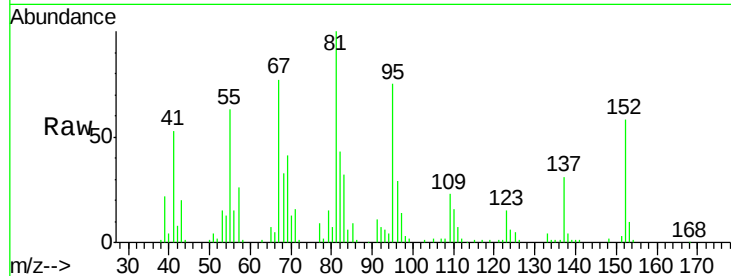




#25
Isophorone
Concen: 4.232 ng
RT: 7.75 min Scan# 920
Delta R.T. -0.04 min
Lab File: BF107165.D
Acq: 6 Jul 2018 10:59

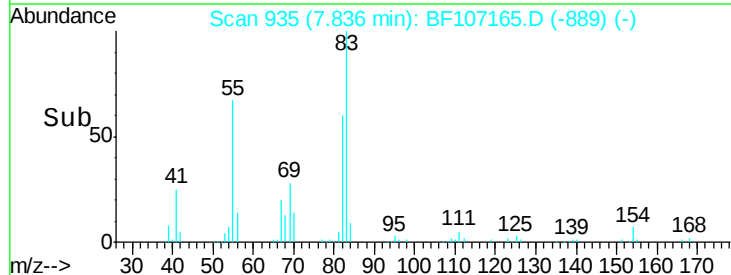
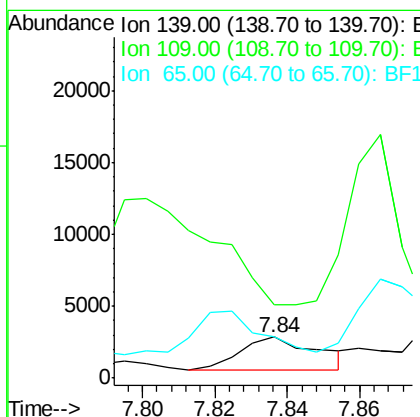
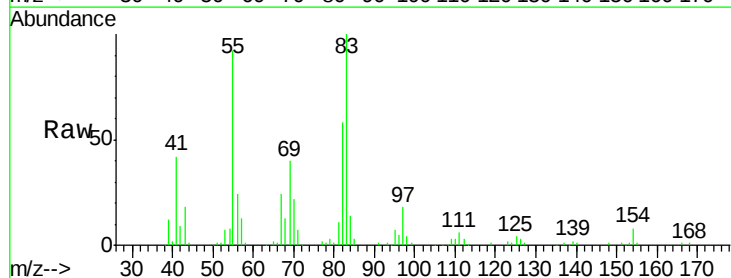
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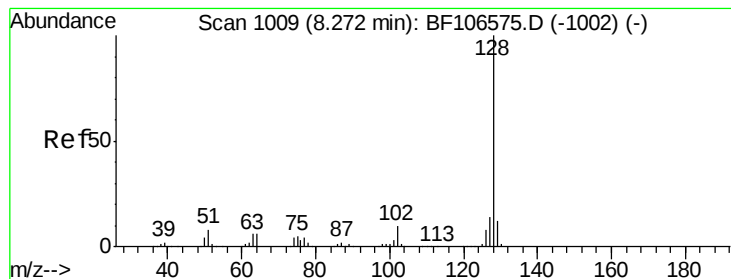
Tgt Ion: 82 Resp: 25700
Ion Ratio Lower Upper
82 100
95 173.7 5.2 7.8#
138 8.7 14.9 22.3#



#26
2-Nitrophenol
Concen: 2.037 ng
RT: 7.84 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF107165.D
Acq: 6 Jul 2018 10:59

Tgt Ion: 139 Resp: 3384
Ion Ratio Lower Upper
139 100
109 180.4 22.7 34.1#
65 100.1 40.5 60.7#





#31

Naphthalene

Concen: 2.632 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107165.D

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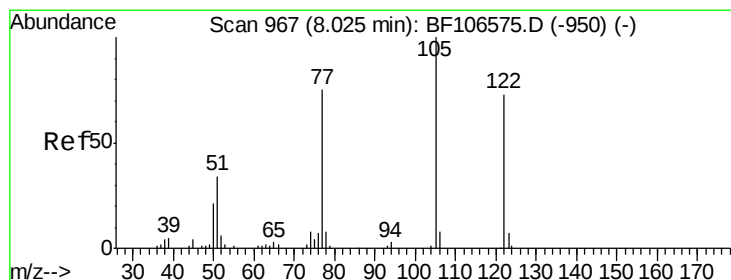
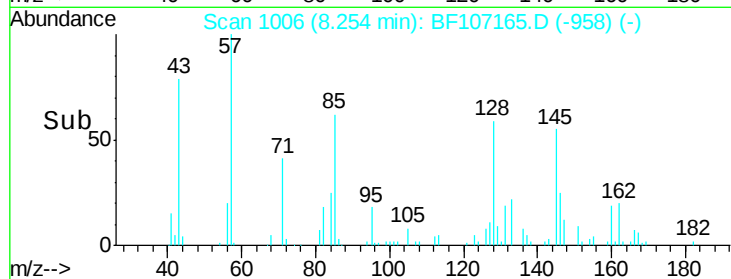
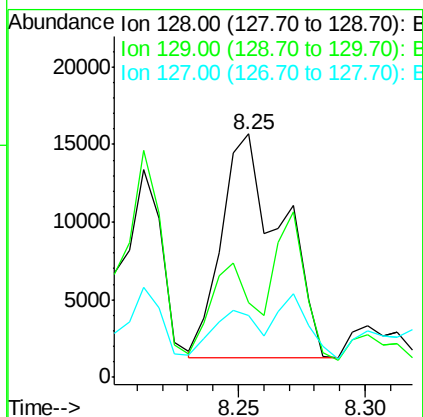
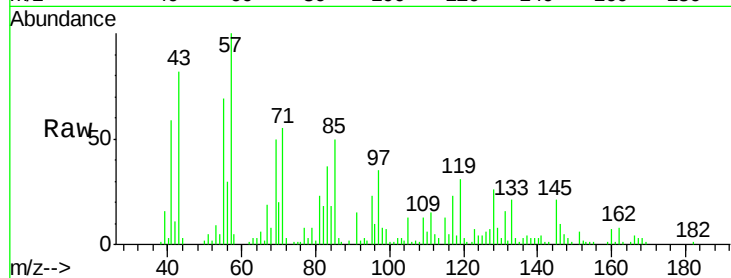
Tgt Ion:128 Resp: 23572

Ion Ratio Lower Upper

128 100

129 30.8 8.8 13.2#

127 25.5 10.9 16.3#



#32

Benzoic acid

Concen: 7.197 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

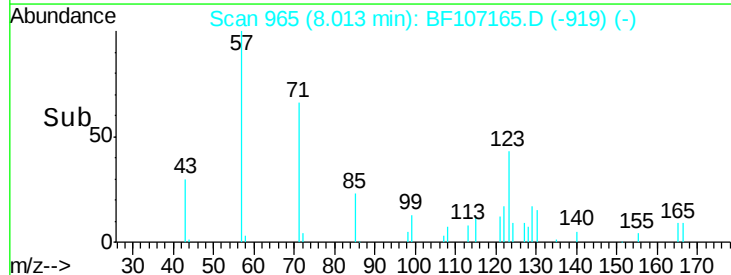
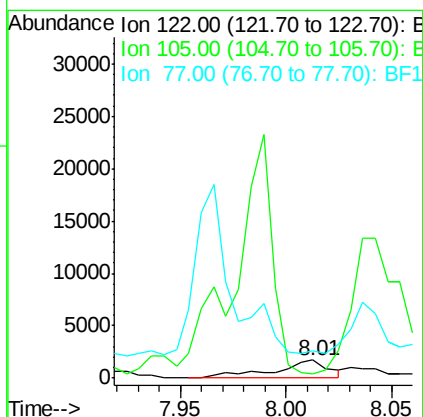
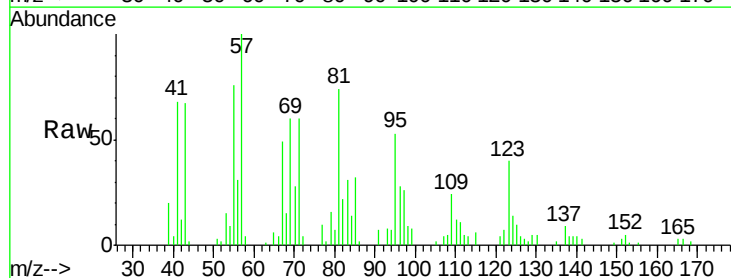
Tgt Ion:122 Resp: 3108

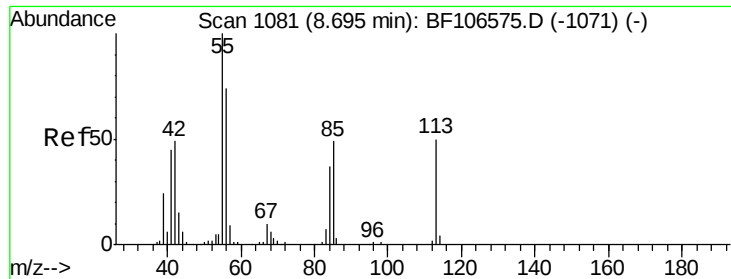
Ion Ratio Lower Upper

122 100

105 26.5 101.1 141.1#

77 152.4 70.7 110.7#





#35

Caprolactam

Concen: 5.434 ng

RT: 8.67 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

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B-7DL

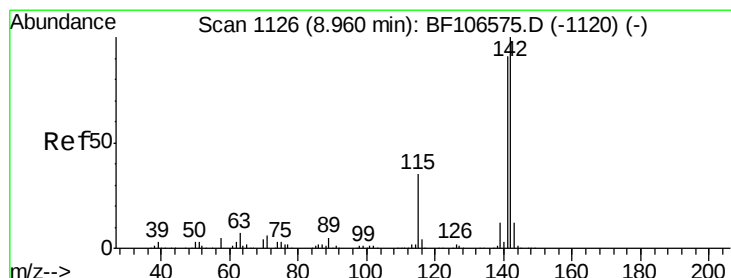
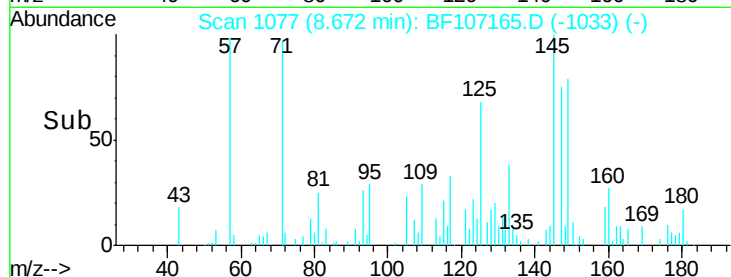
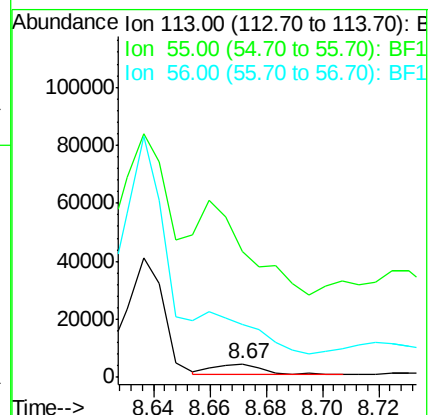
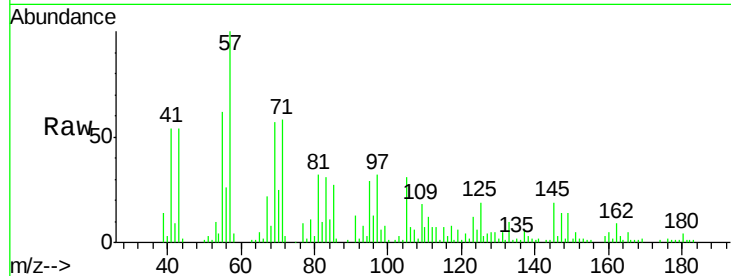
Tgt Ion:113 Resp: 4761

Ion Ratio Lower Upper

113 100

55 930.7 163.3 203.3#

56 394.4 115.7 155.7#



#37

2-Methylnaphthalene

Concen: 45.808 ng

RT: 8.95 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

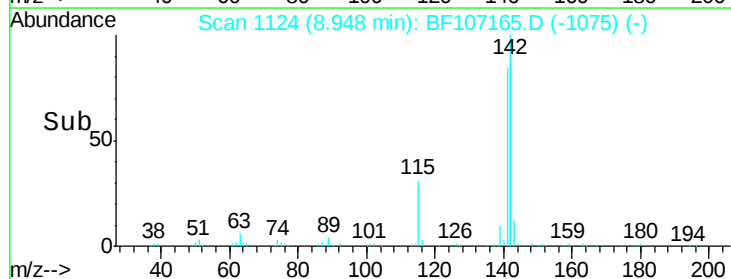
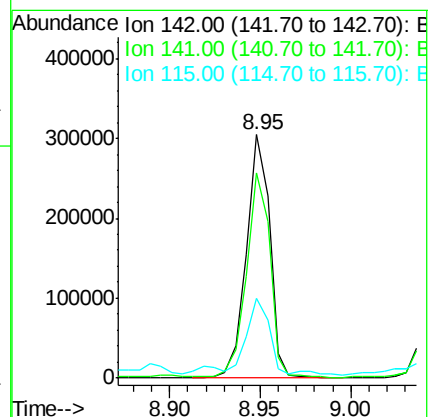
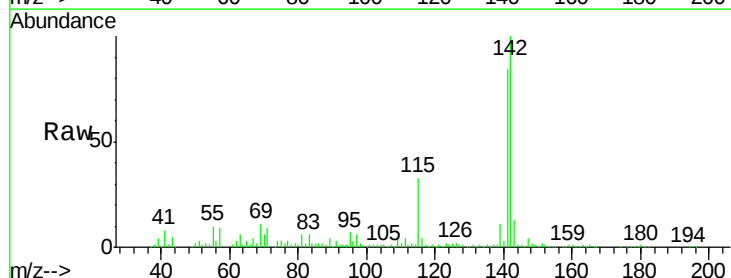
Tgt Ion:142 Resp: 271889

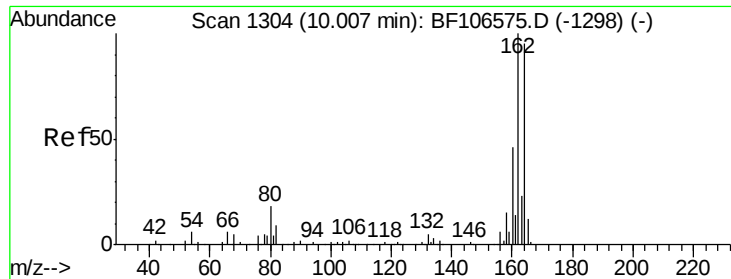
Ion Ratio Lower Upper

142 100

141 84.3 70.8 106.2

115 32.7 26.1 39.1

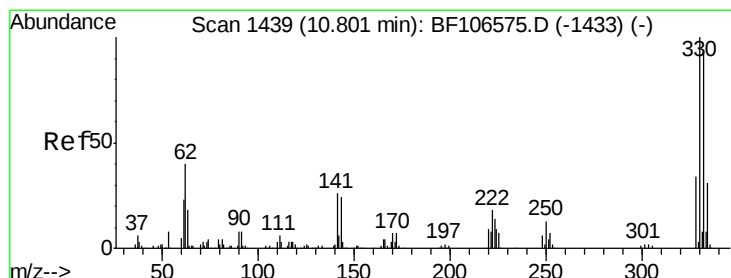
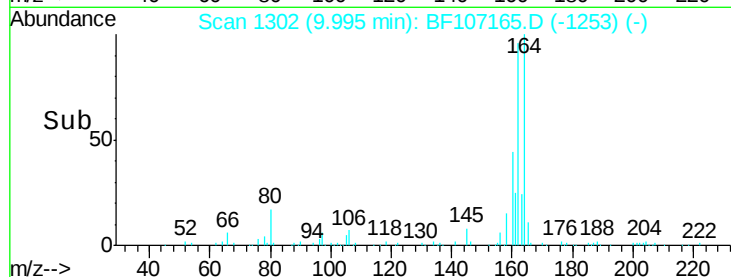
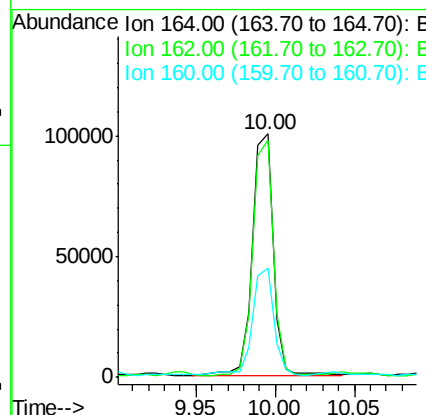
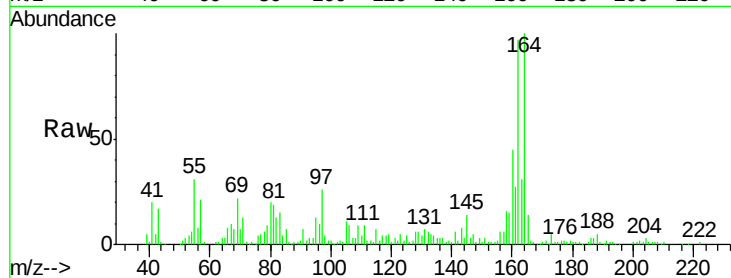




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107165.D
Acq: 6 Jul 2018 10:59

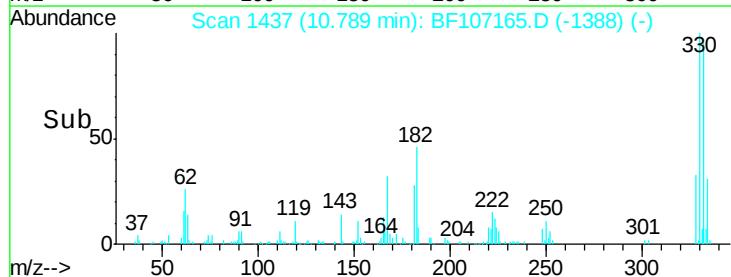
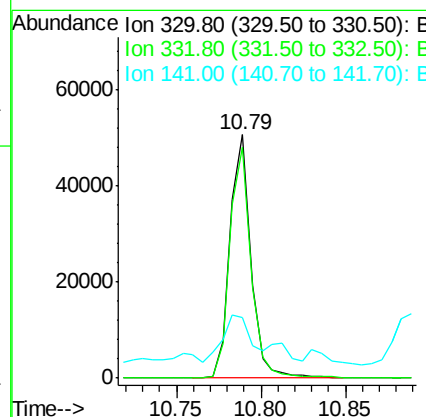
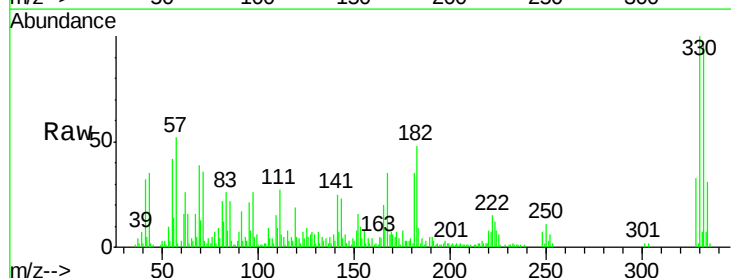
Instrument :
BNA_F
ClientSampleId :
B-7DL

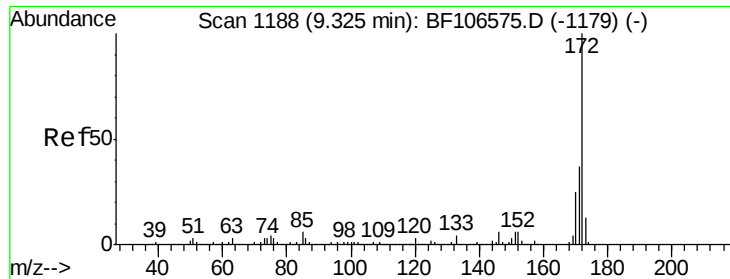
Tgt Ion:164 Resp: 91799
Ion Ratio Lower Upper
164 100
162 97.4 86.1 129.1
160 45.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 41.126 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107165.D
Acq: 6 Jul 2018 10:59

Tgt Ion:330 Resp: 43757
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 25.6 29.9 44.9#

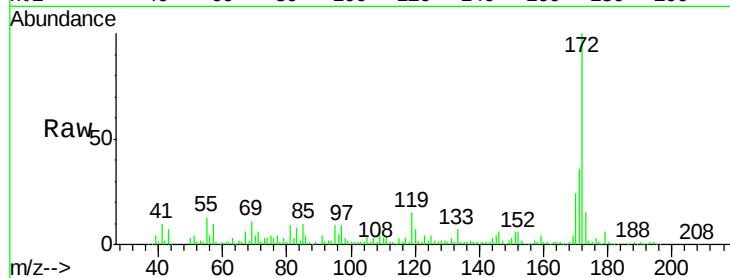




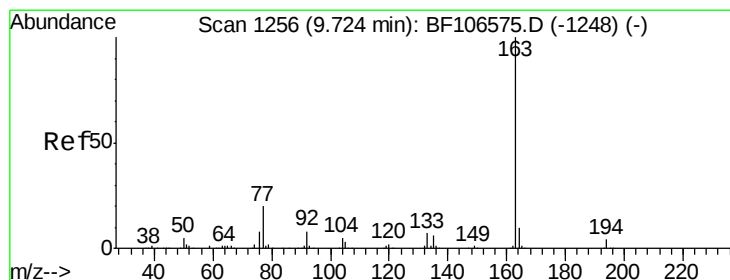
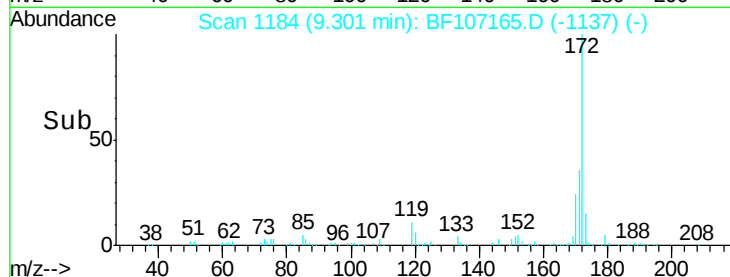
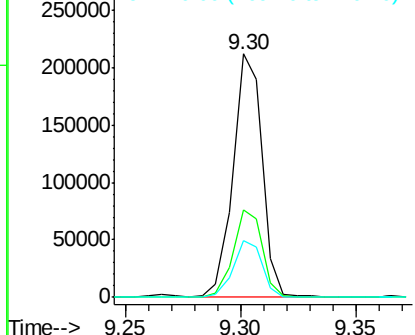
#44
2-Fluorobiphenyl
Concen: 23.701 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107165.D
Acq: 6 Jul 2018 10:59

Instrument :
BNA_F
ClientSampleId :
B-7DL

Tgt Ion:172 Resp: 186236
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.5 19.6 29.4

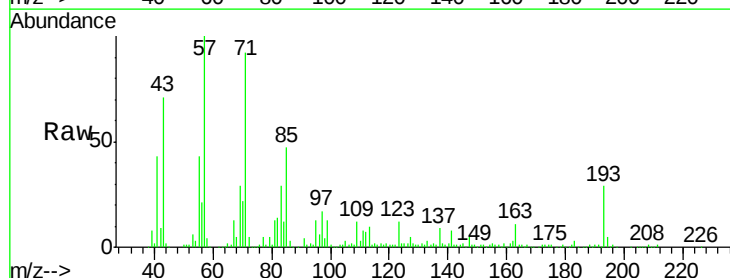


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

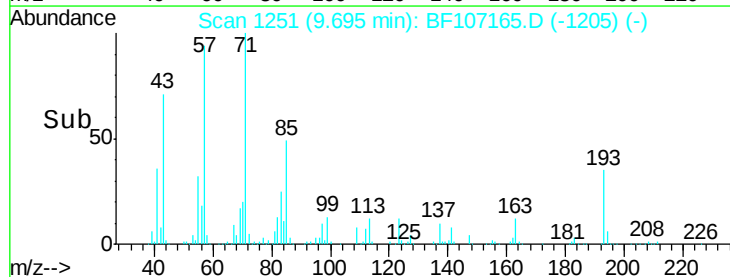
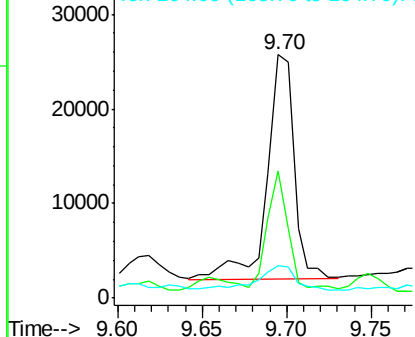


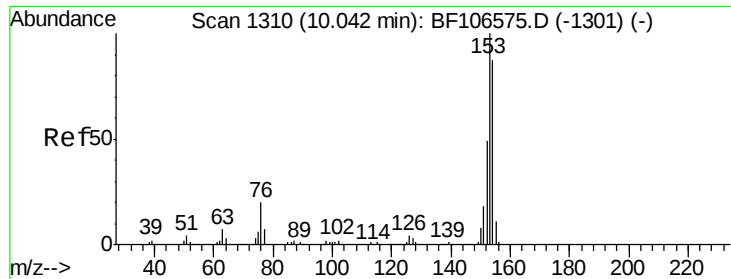
#49
Dimethylphthalate
Concen: 3.883 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107165.D
Acq: 6 Jul 2018 10:59

Tgt Ion:163 Resp: 26732
Ion Ratio Lower Upper
163 100
194 52.1 2.7 4.1#
164 13.4 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: 5.525 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

Instrument :

BNA_F

ClientSampleId :

B-7DL

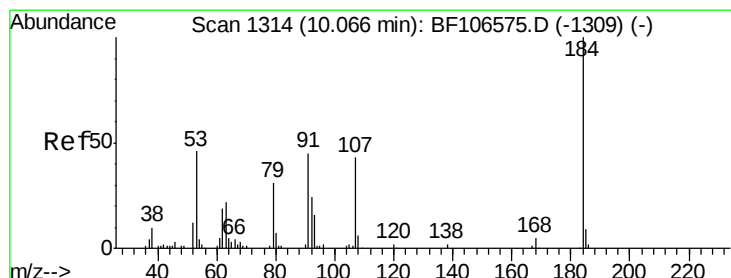
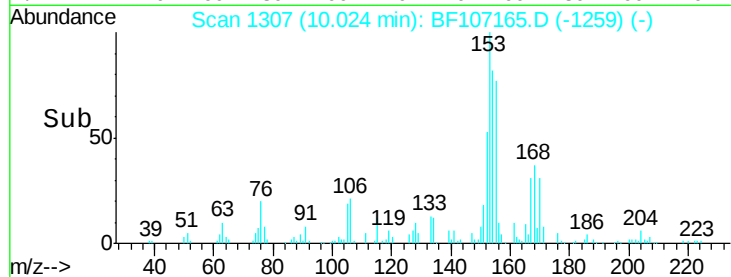
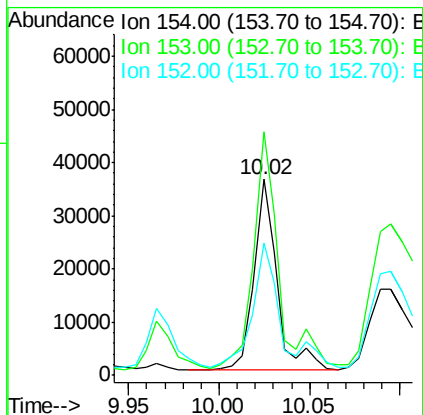
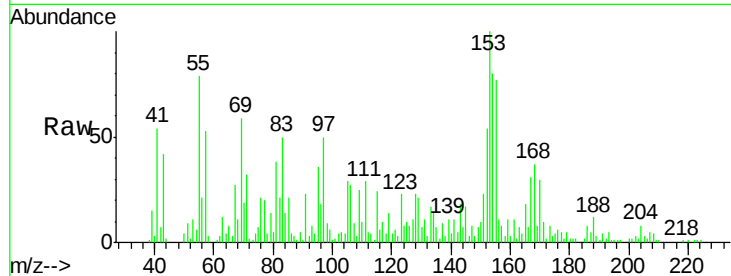
Tgt Ion:154 Resp: 31629

Ion Ratio Lower Upper

154 100

153 124.4 91.2 136.8

152 67.7 43.8 65.8#



#53

2,4-Dinitrophenol

Concen: 5.541 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

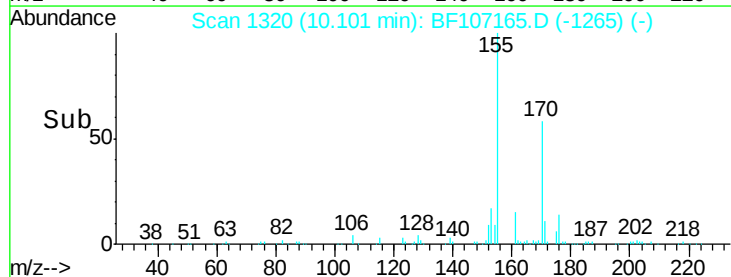
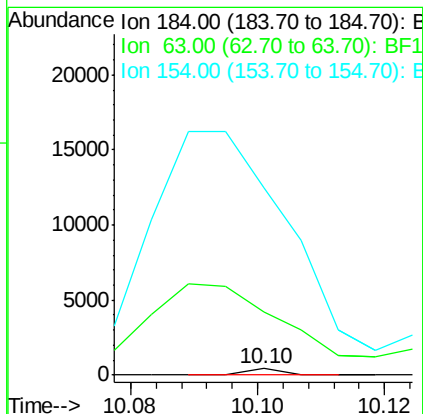
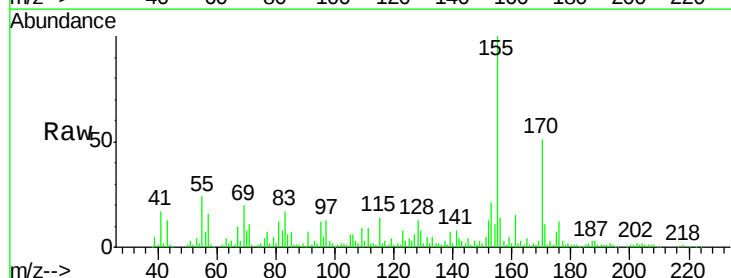
Tgt Ion:184 Resp: 153

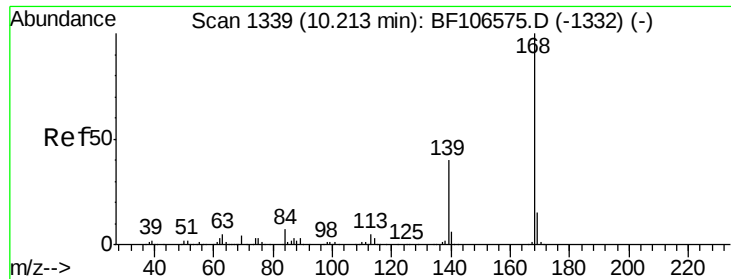
Ion Ratio Lower Upper

184 100

63 973.5 54.2 81.2#

154 2869.1 184.0 276.0#





#54

Dibenzofuran

Concen: 4.197 ng

RT: 10.20 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

Instrument :

BNA_F

ClientSampleId :

B-7DL

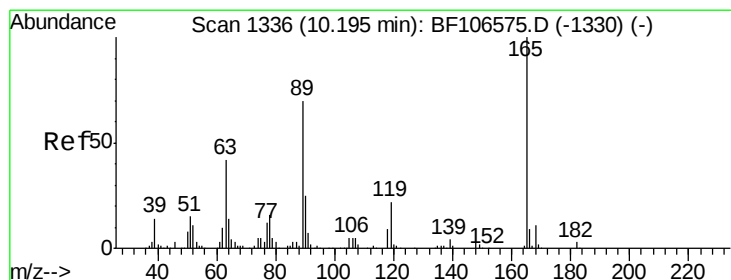
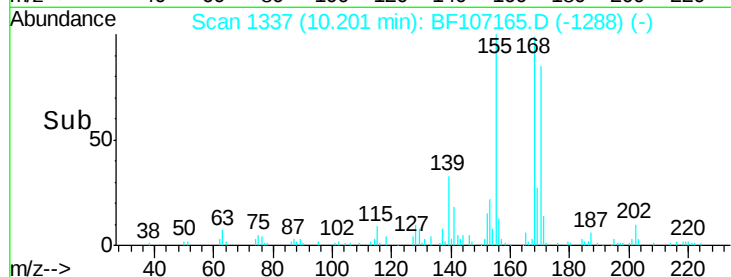
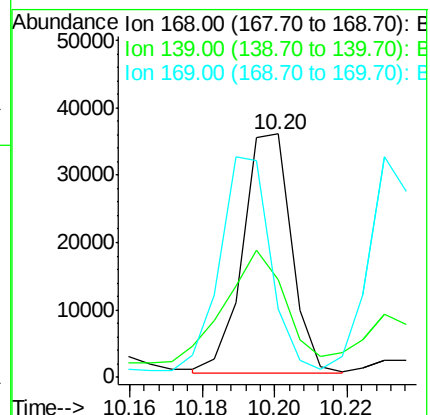
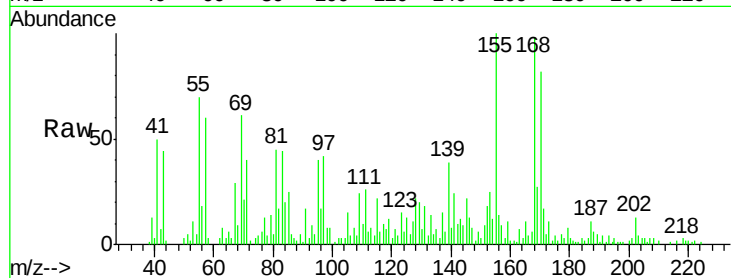
Tgt Ion:168 Resp: 32903

Ion Ratio Lower Upper

168 100

139 40.1 30.1 45.1

169 27.8 10.9 16.3#



#56

2,4-Dinitrotoluene

Concen: 5.018 ng

RT: 10.19 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

Tgt Ion:165 Resp: 9549

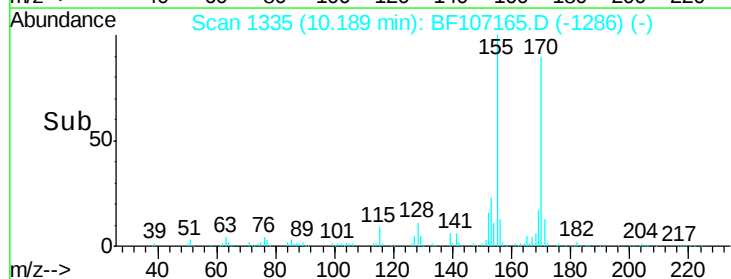
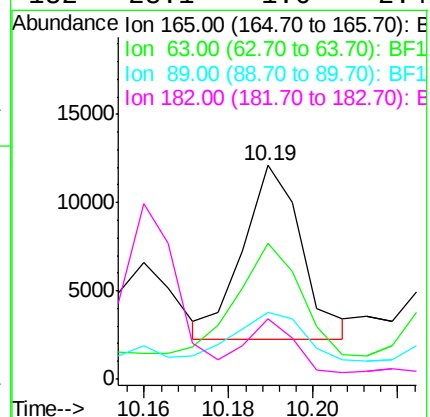
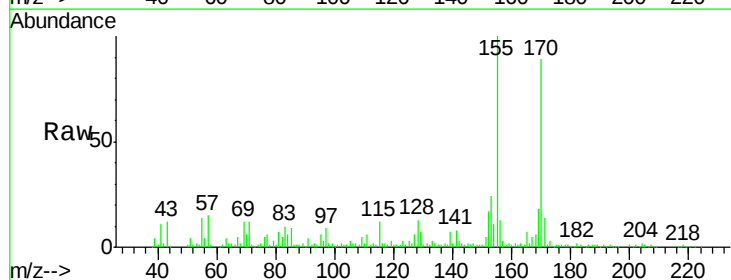
Ion Ratio Lower Upper

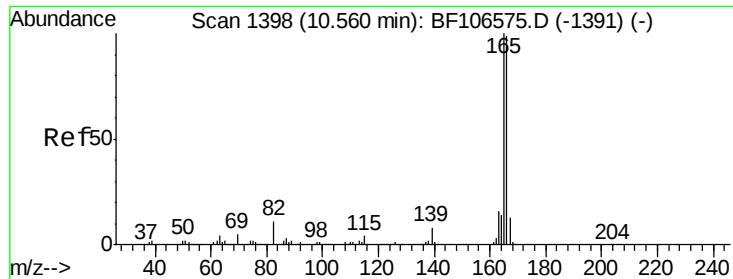
165 100

63 63.5 36.4 54.6#

89 30.9 57.8 86.6#

182 28.1 1.6 2.4#

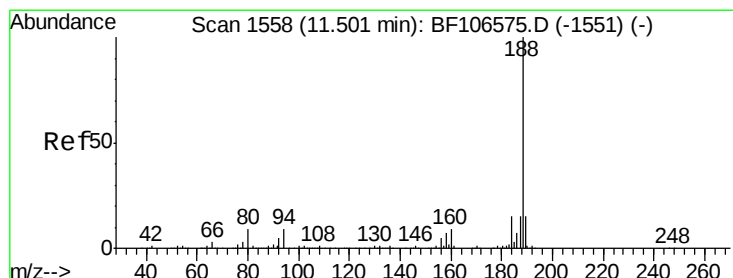
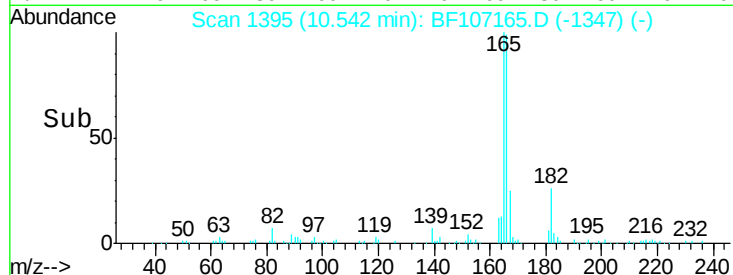
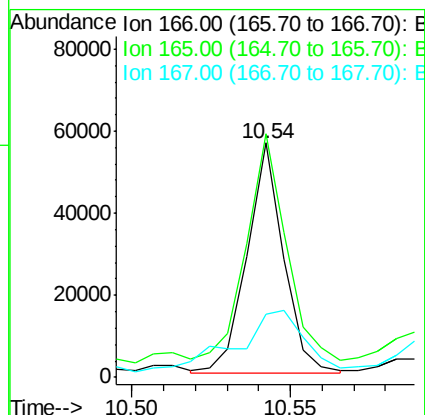
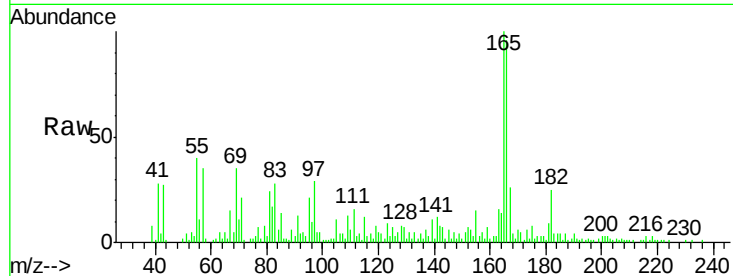




#57
Fluorene
 Concen: 7.191 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF107165.D
 Acq: 6 Jul 2018 10:59

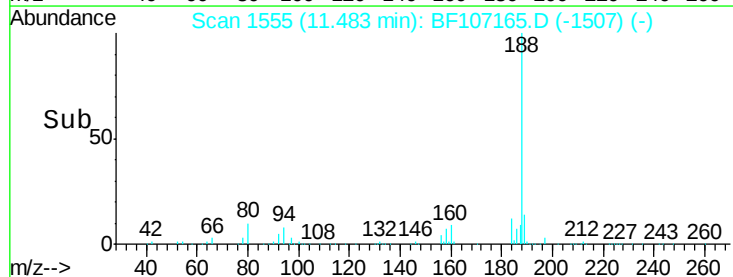
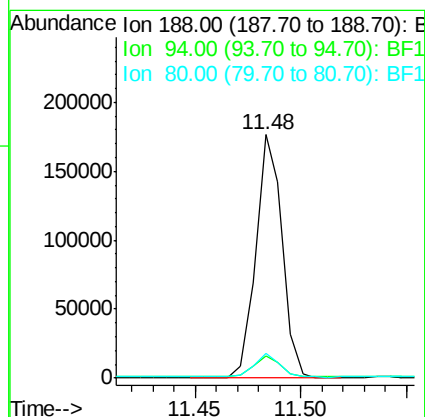
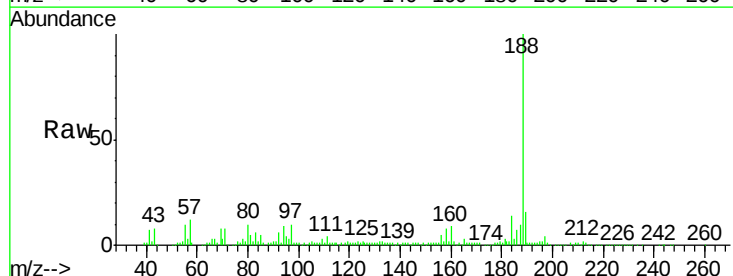
Instrument :
 BNA_F
 ClientSampleId :
 B-7DL

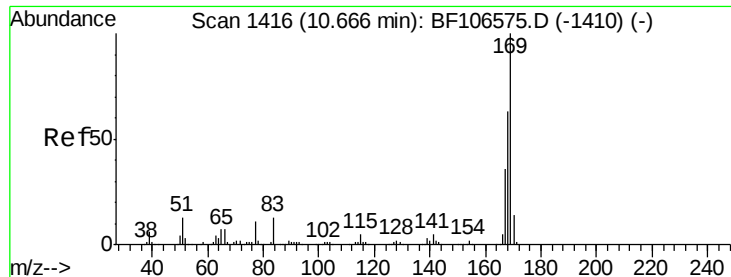
Tgt Ion:166 Resp: 44735
 Ion Ratio Lower Upper
 166 100
 165 103.9 79.8 119.8
 167 26.8 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107165.D
 Acq: 6 Jul 2018 10:59

Tgt Ion:188 Resp: 153188
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.5 12.7
 80 10.2 9.2 13.8





#65

n-Nitrosodiphenylamine

Concen: 11.754 ng

RT: 10.64 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

Instrument :

BNA_F

ClientSampleId :

B-7DL

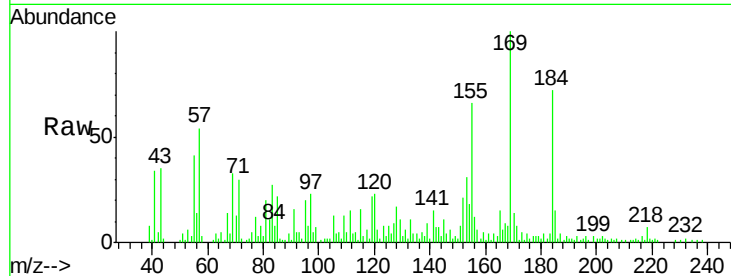
Tgt Ion:169 Resp: 60565

Ion Ratio Lower Upper

169 100

168 8.4 54.4 81.6#

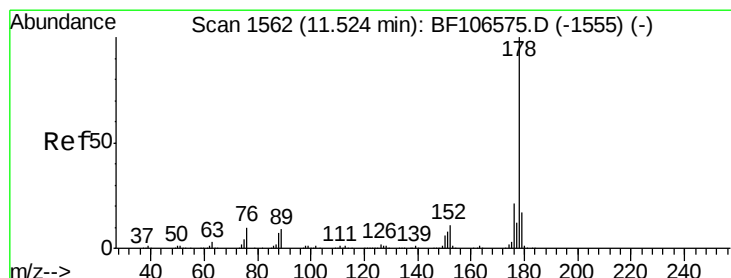
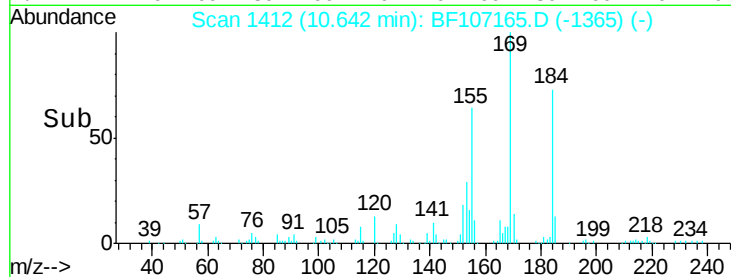
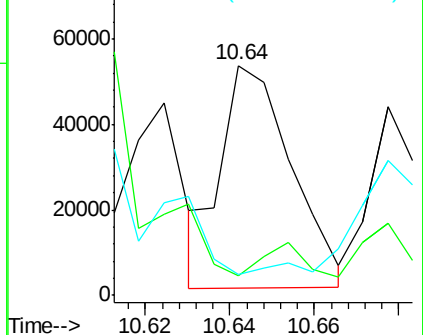
167 9.3 29.8 44.6#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 25.834 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

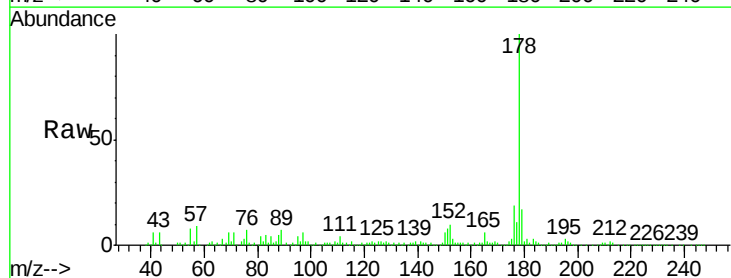
Tgt Ion:178 Resp: 190877

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

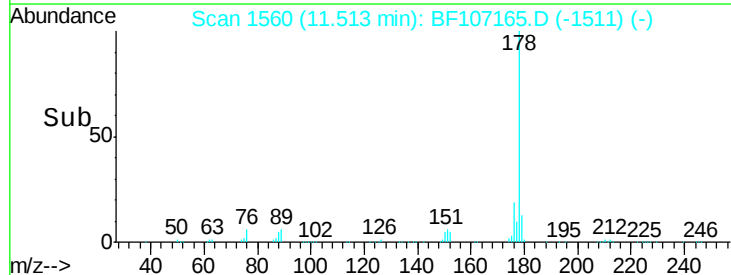
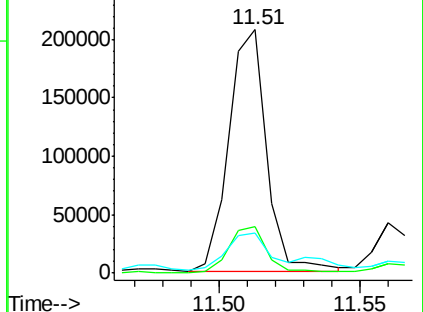
179 16.6 13.0 19.6

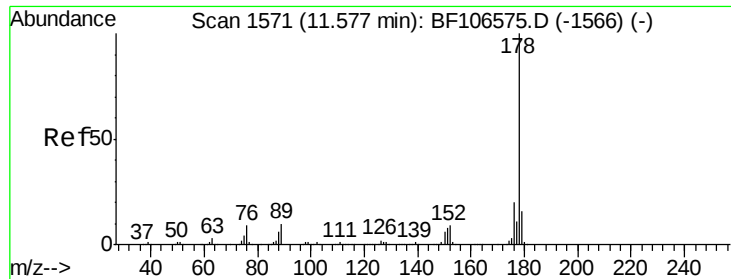


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 25.310 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.06 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

Instrument :

BNA_F

ClientSampleId :

B-7DL

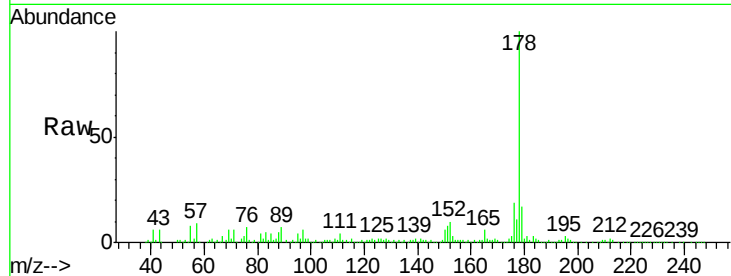
Tgt Ion:178 Resp: 190877

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

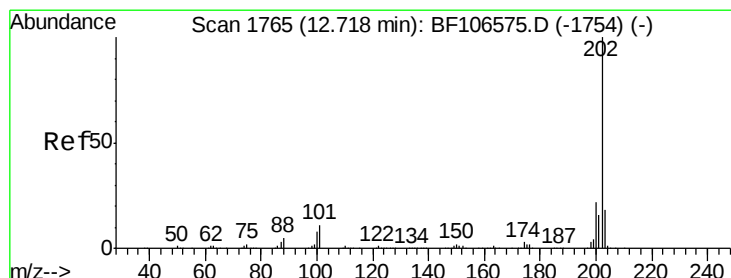
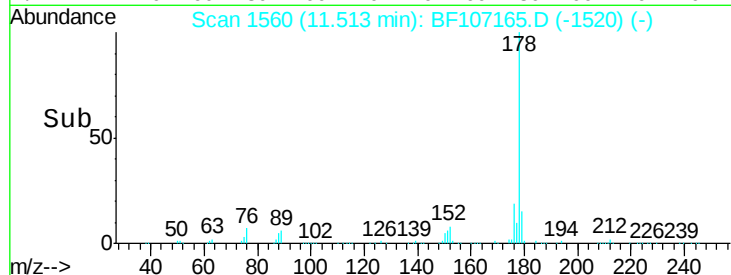
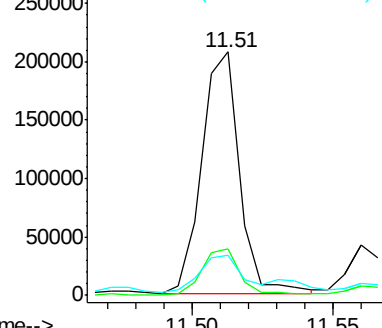
179 16.6 12.6 19.0



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: 20.420 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

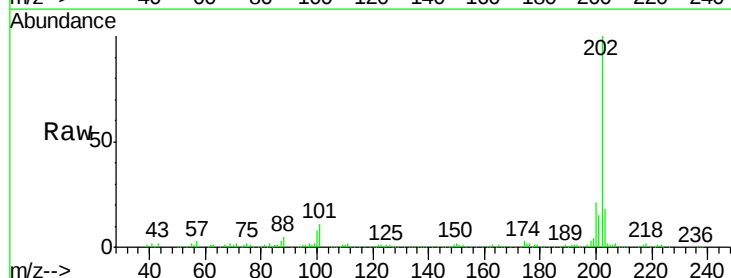
Tgt Ion:202 Resp: 166293

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

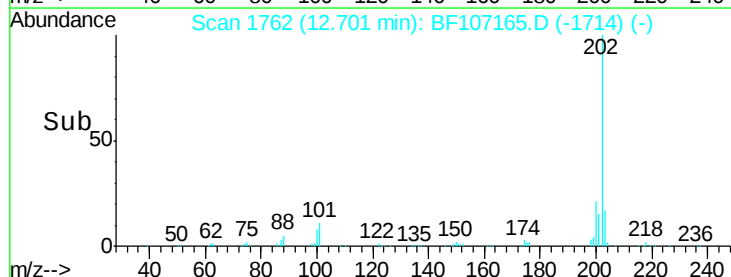
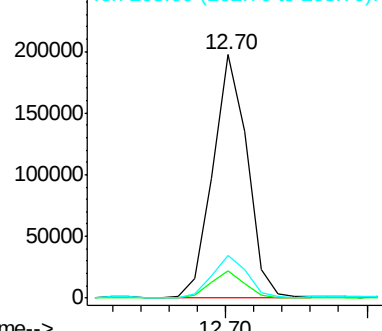
203 17.6 0.0 38.1

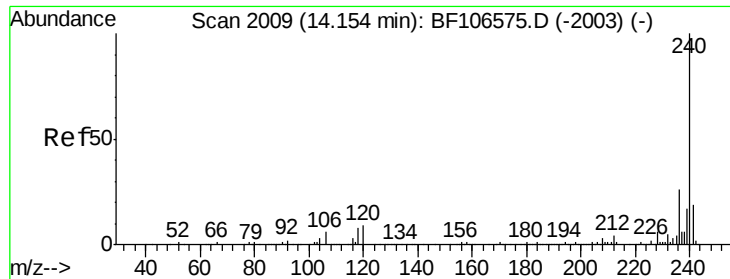


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

Instrument :

BNA_F

ClientSampleId :

B-7DL

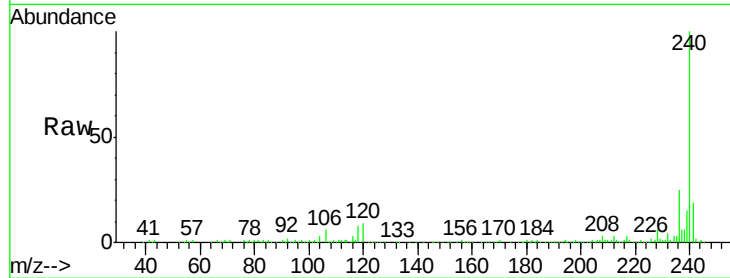
Tgt Ion:240 Resp: 170814

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

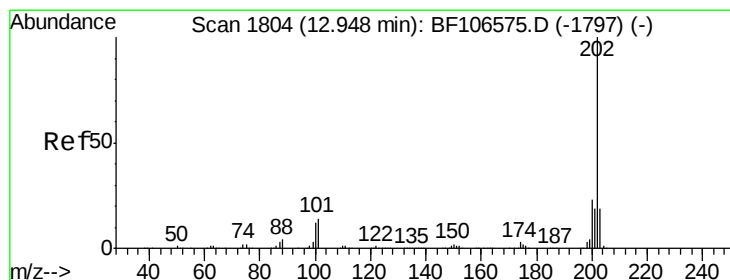
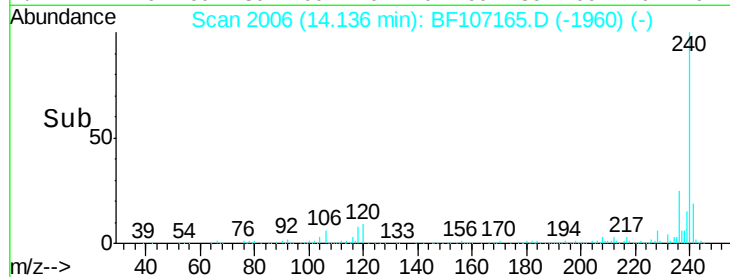
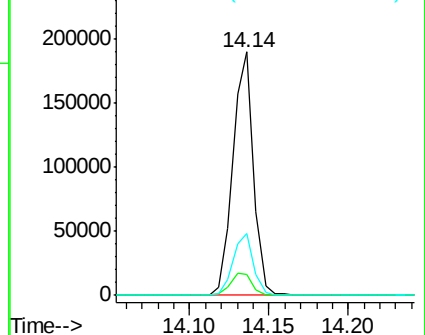
236 25.3 20.7 31.1



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

Pyrene

Concen: 14.115 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

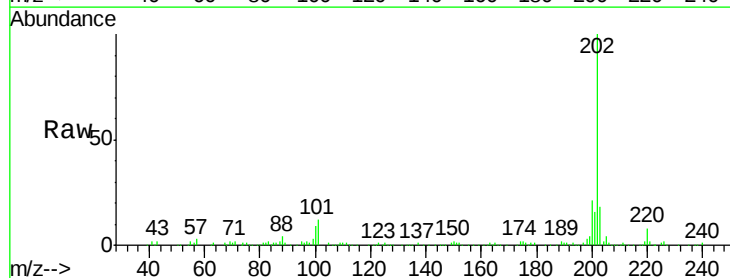
Tgt Ion:202 Resp: 158993

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

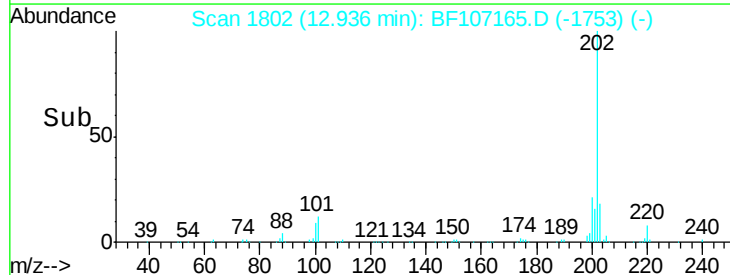
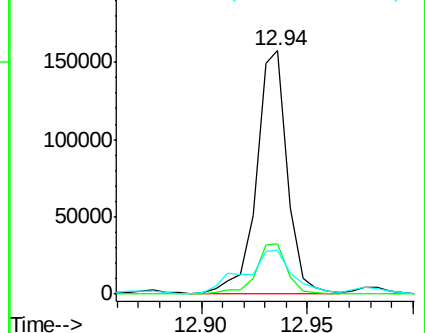
203 18.3 14.3 21.5

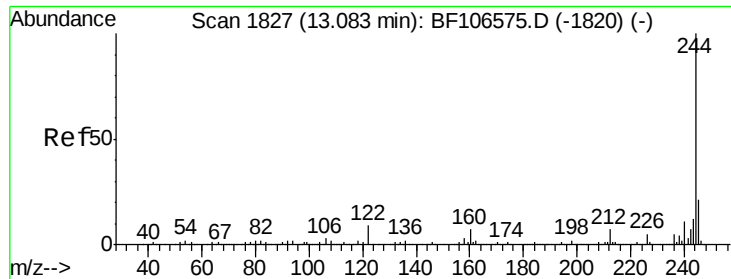


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

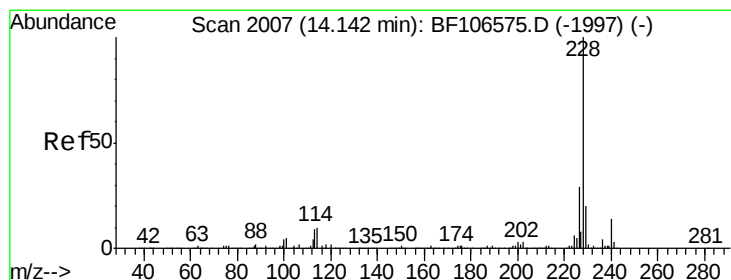
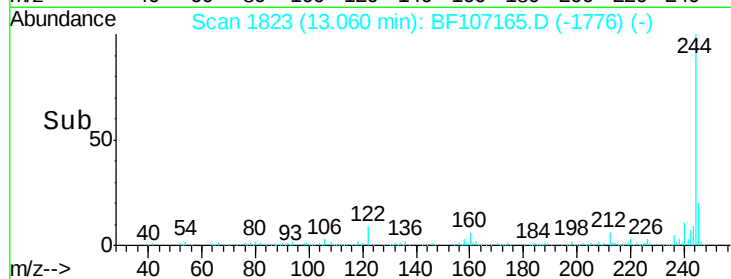
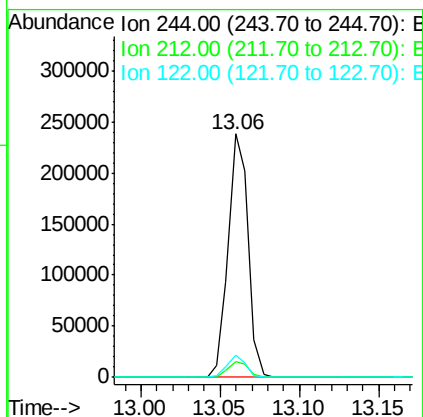
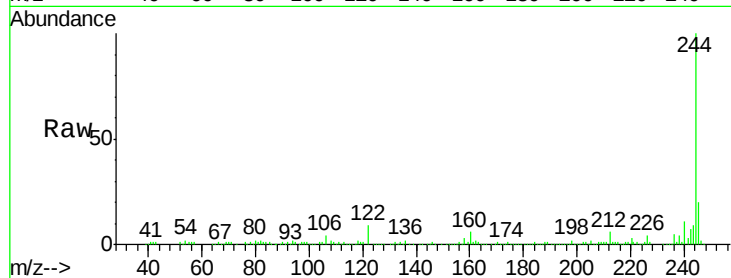




#78
 Terphenyl-d14
 Concen: 29.471 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.02 min
 Lab File: BF107165.D
 Acq: 6 Jul 2018 10:59

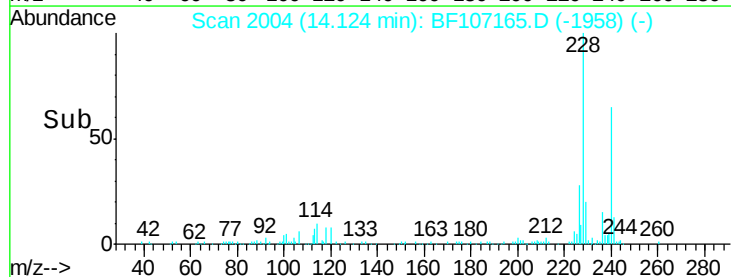
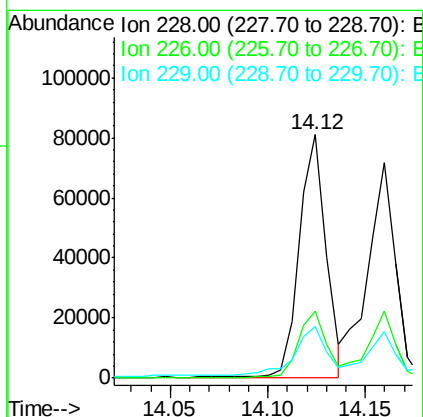
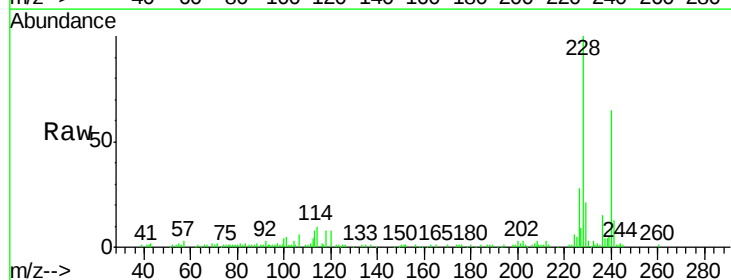
Instrument :
 BNA_F
 ClientSampleId :
 B-7DL

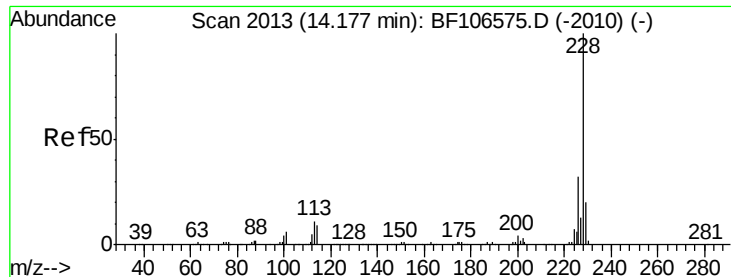
Tgt Ion:244 Resp: 207823
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.3 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 7.325 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF107165.D
 Acq: 6 Jul 2018 10:59

Tgt Ion:228 Resp: 76258
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.6 33.8
 229 21.0 15.8 23.6

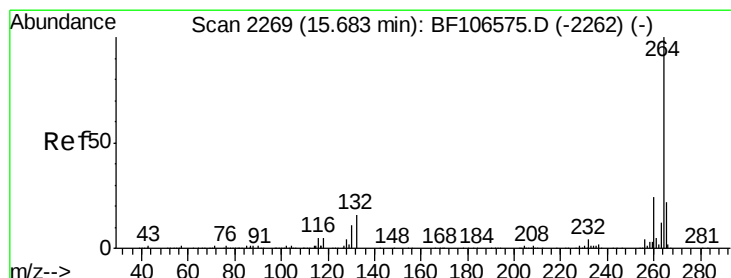
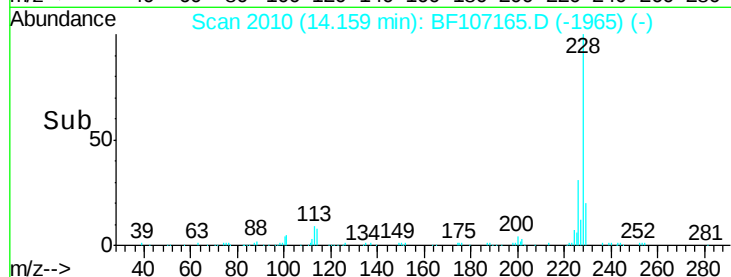
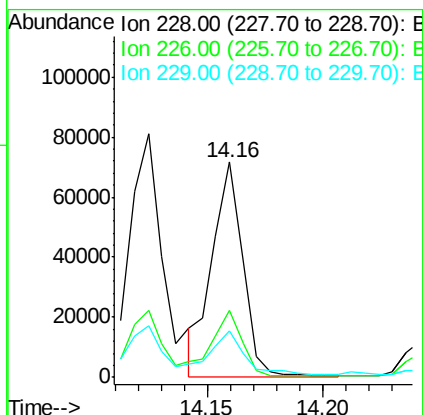
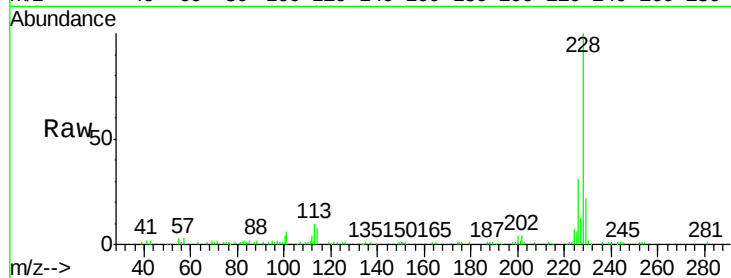




#82
Chrysene
Concen: 6.827 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.04 min
Lab File: BF107165.D
Acq: 6 Jul 2018 10:59

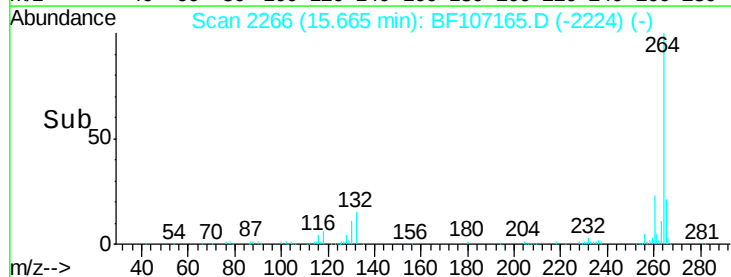
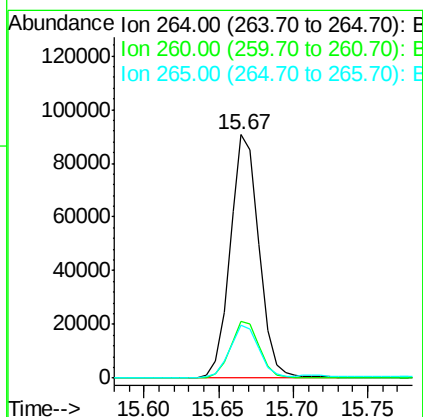
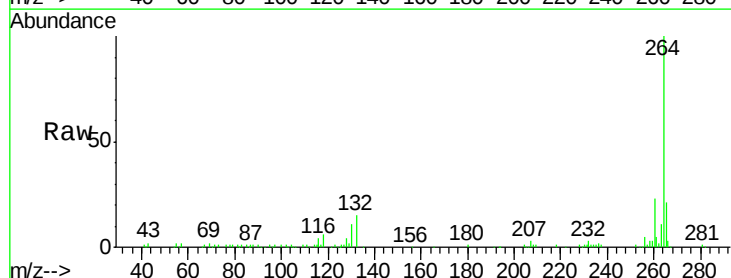
Instrument :
BNA_F
ClientSampleId :
B-7DL

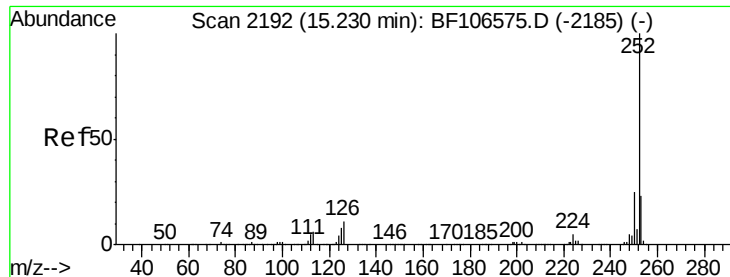
Tgt Ion: 228 Resp: 65387
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 21.7 16.2 24.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107165.D
Acq: 6 Jul 2018 10:59

Tgt Ion: 264 Resp: 122896
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.5 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 10.611 ng

RT: 15.21 min Scan# 2189

Delta R.T. -0.05 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

Instrument :

BNA_F

ClientSampled :

B-7DL

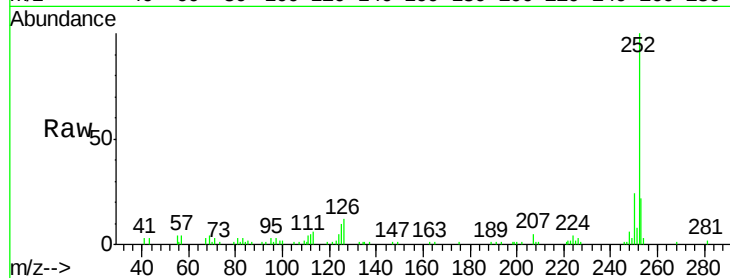
Tgt Ion:252 Resp: 81010

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

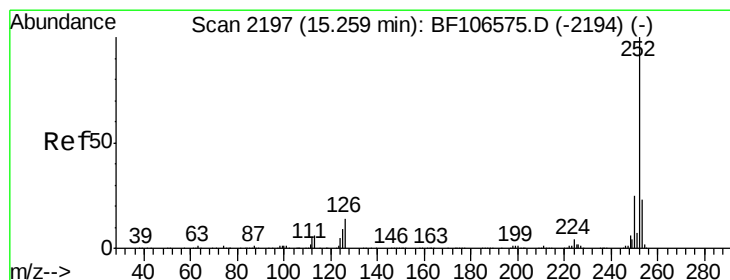
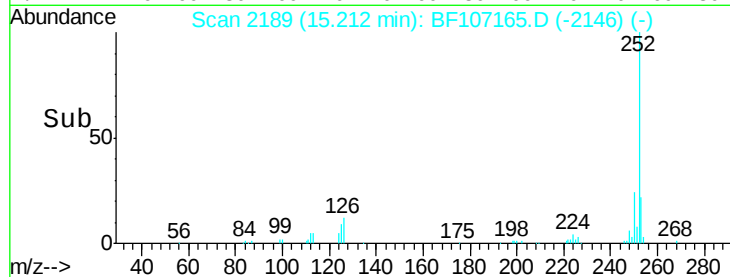
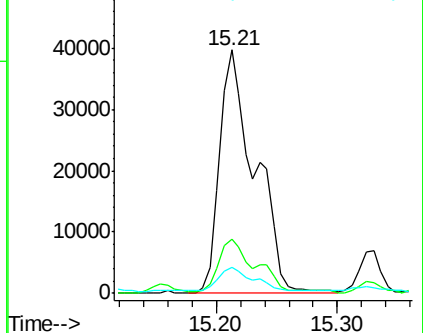
125 10.5 9.0 13.6



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: 11.143 ng

RT: 15.21 min Scan# 2189

Delta R.T. -0.08 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

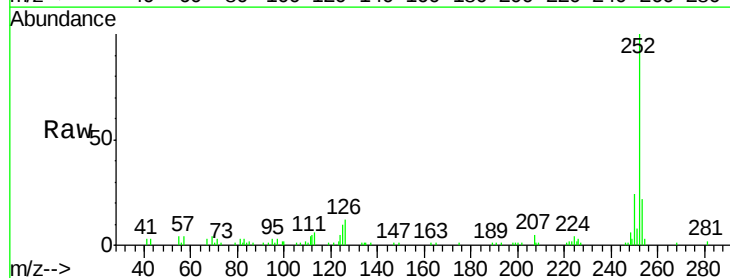
Tgt Ion:252 Resp: 81010

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

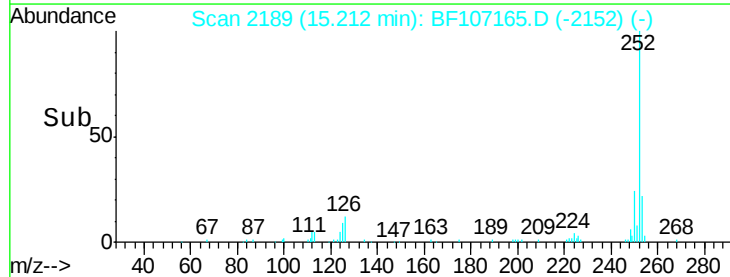
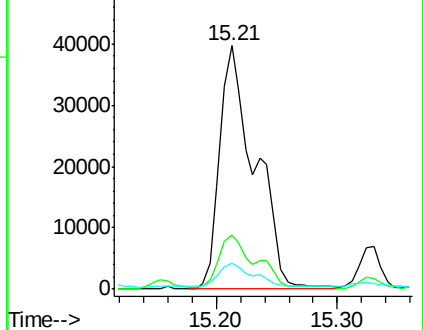
125 10.5 10.2 15.2

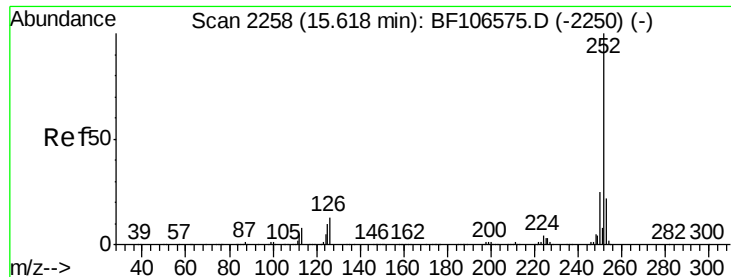


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 5.600 ng

RT: 15.60 min Scan# 2255

Delta R.T. -0.05 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

Instrument :

BNA_F

ClientSampleId :

B-7DL

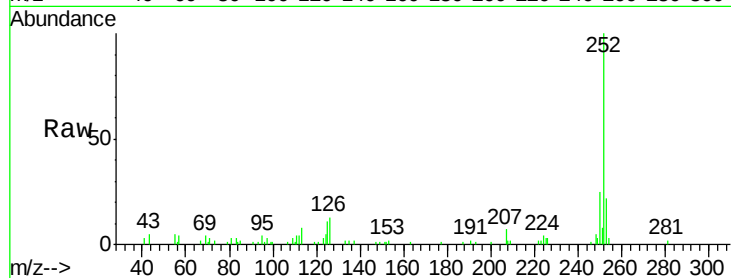
Tgt Ion: 252 Resp: 38005

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

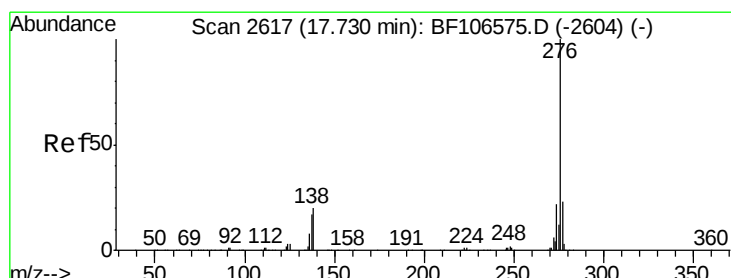
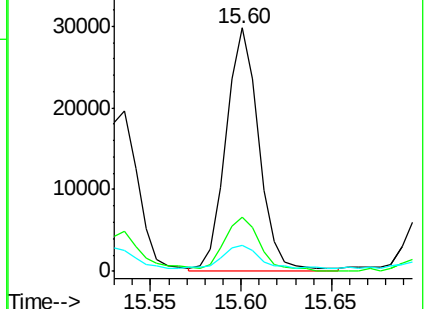
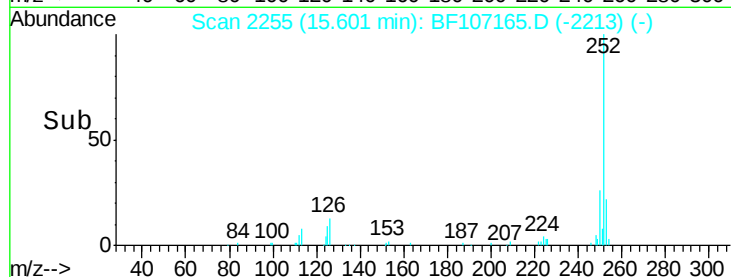
125 10.8 9.8 14.6



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: 2.473 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.06 min

Lab File: BF107165.D

Acq: 6 Jul 2018 10:59

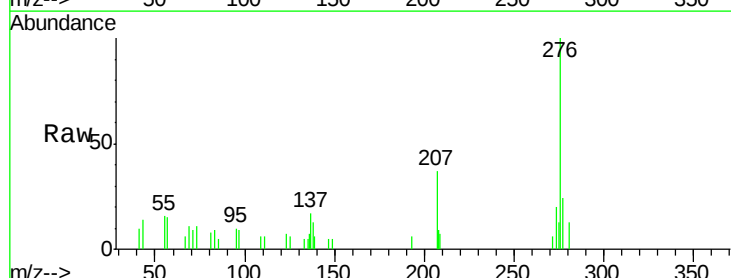
Tgt Ion: 276 Resp: 13905

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 19.2 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

