

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070318\
 Data File : BF107075.D
 Acq On : 3 Jul 2018 12:01
 Operator : JU/SJ
 Sample : J3600-03 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DOCUMENTATION-3

Quant Time: Jul 03 14:26:42 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	64484	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	242085	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	107443	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	184170	20.00	ng	0.00
75) Chrysene-d12	14.15	240	195363	20.00	ng	-0.01
86) Perylene-d12	15.70	264	181470	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	172000	45.17	ng	0.00
7) Phenol-d6	6.60	99	211105	44.39	ng	-0.01
23) Nitrobenzene-d5	7.52	82	126505	29.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	46903	37.66	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	257385	31.21	ng	-0.02
78) Terphenyl-d14	13.07	244	259695	32.20	ng	-0.01

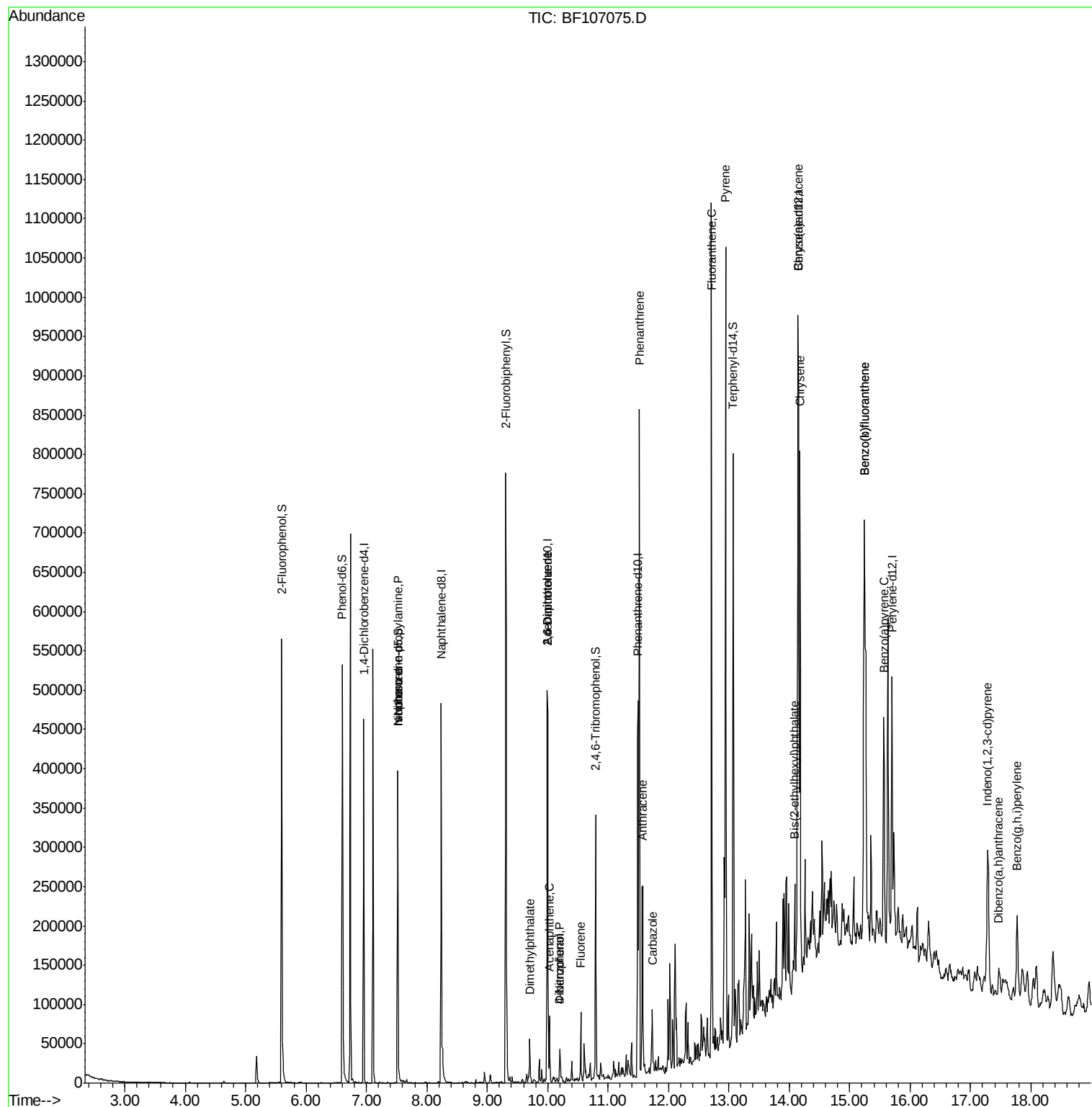
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	16298	5.199	ng	# 74
25) Isophorone	7.52	82	126503	16.480	ng	# 64
49) Dimethylphthalate	9.70	163	25354	3.146	ng	98
50) 2,6-Dinitrotoluene	10.00	165	14129	8.280	ng	# 24
51) Acenaphthene	10.03	154	17238	2.572	ng	96
54) Dibenzofuran	10.21	168	19237	2.097	ng	93
55) 4-Nitrophenol	10.20	139	6200	4.524	ng	# 9
56) 2,4-Dinitrotoluene	10.00	165	14129	6.344	ng	# 21
57) Fluorene	10.55	166	24789	3.405	ng	99
70) Phenanthrene	11.52	178	309215	34.810	ng	99
71) Anthracene	11.57	178	102460	11.301	ng	98
72) Carbazole	11.73	167	32128	3.785	ng	98
74) Fluoranthene	12.72	202	481069	49.135	ng	94
77) Pyrene	12.95	202	432571	33.577	ng	99
80) Benzo(a)anthracene	14.14	228	310556	26.082	ng	99
82) Chrysene	14.18	228	253833	23.172	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	35420	5.231	ng	# 96
85) Indeno(1,2,3-cd)pyrene	17.29	276	108939	11.719	ng	# 86
87) Benzo(b)fluoranthene	15.24	252	459870	40.795	ng	# 97
88) Benzo(k)fluoranthene	15.24	252	459870	42.838	ng	# 96
89) Benzo(a)pyrene	15.57	252	152721	15.240	ng	99
90) Dibenzo(a,h)anthracene	17.47	278	24332	2.865	ng	91
91) Benzo(g,h,i)perylene	17.77	276	98721	11.892	ng	# 89

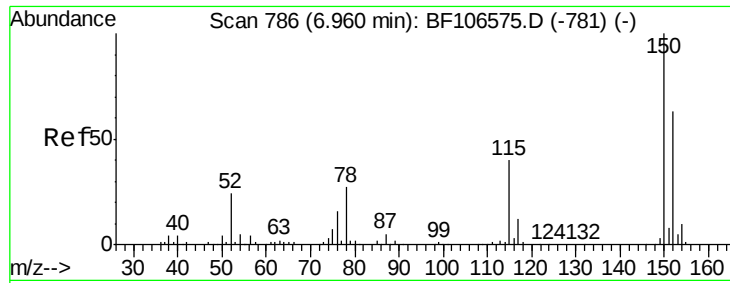
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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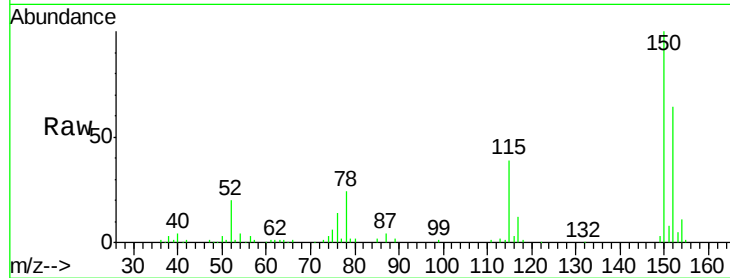


#1

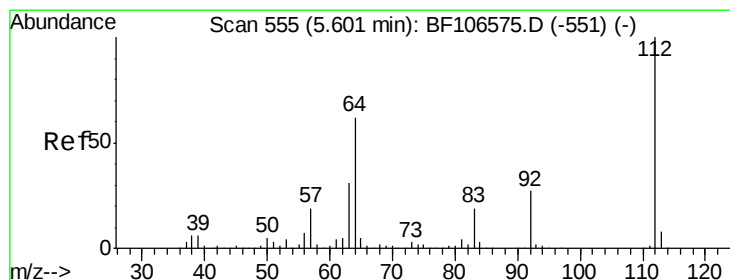
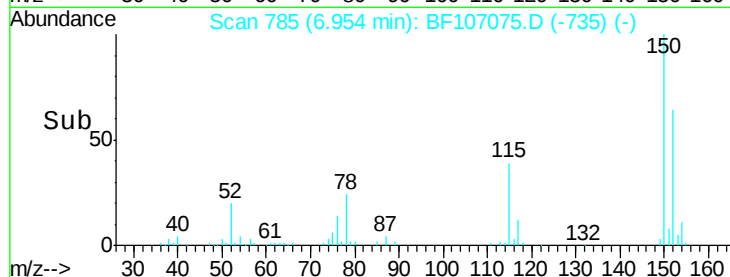
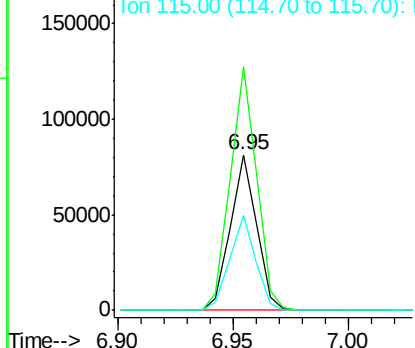
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107075.D
Acq: 3 Jul 2018 12:01

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Tgt Ion:152 Resp: 64484
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 60.9 50.1 75.1



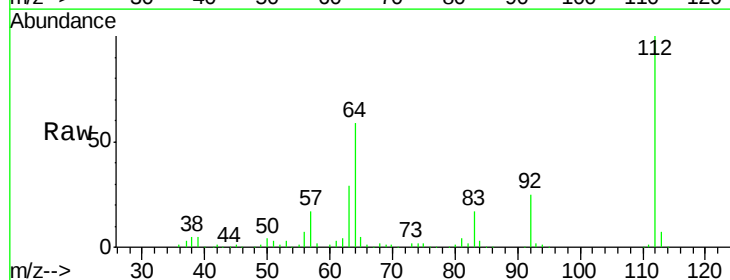
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



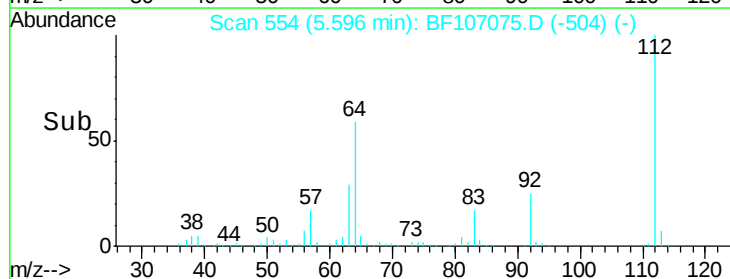
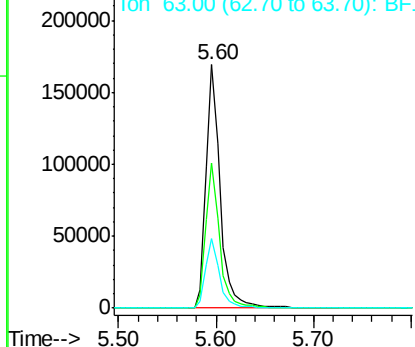
#5

2-Fluorophenol
Concen: 45.166 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107075.D
Acq: 3 Jul 2018 12:01

Tgt Ion:112 Resp: 172000
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 28.5 23.7 35.5



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





#7

Phenol-d6

Concen: 44.391 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107075.D

Acq: 3 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

DOCUMENTATION-3

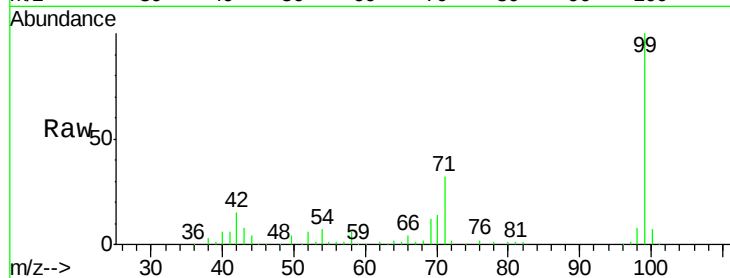
Tgt Ion: 99 Resp: 211105

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

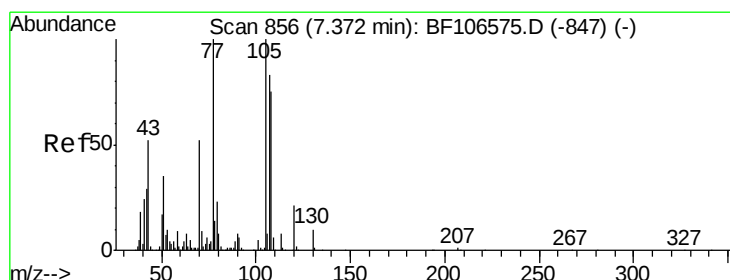
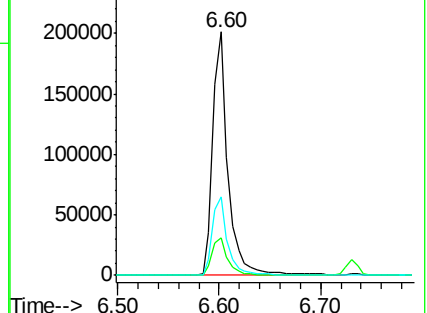
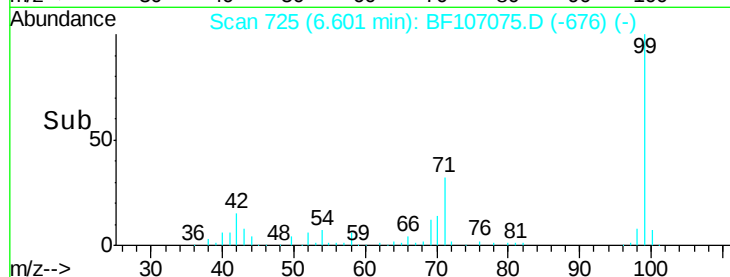
71 32.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.199 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107075.D

Acq: 3 Jul 2018 12:01

Tgt Ion: 70 Resp: 16298

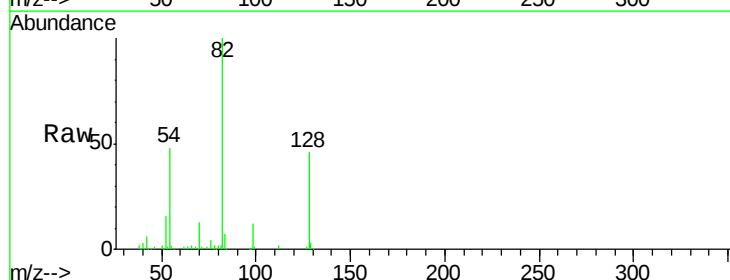
Ion Ratio Lower Upper

70 100

42 43.5 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

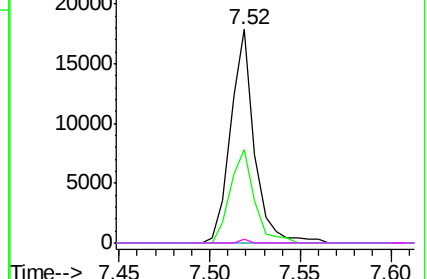
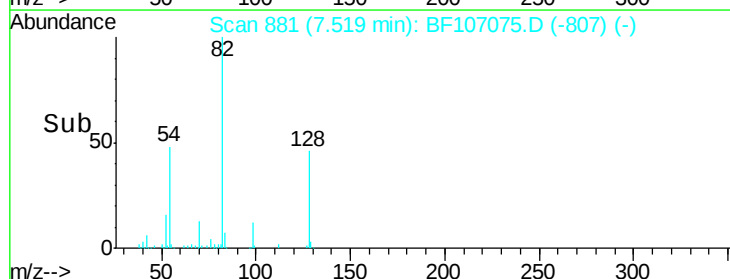


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

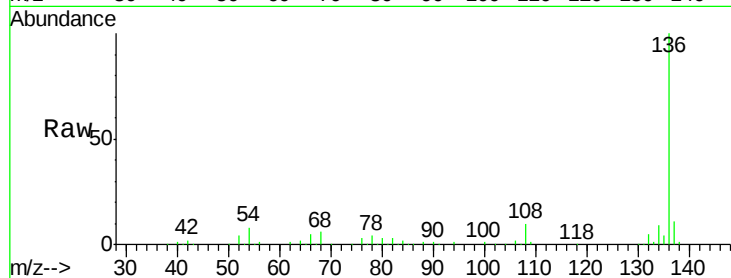




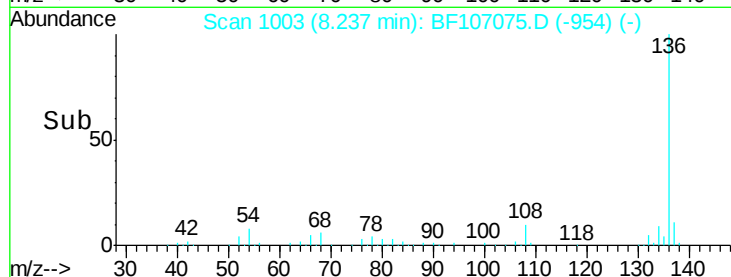
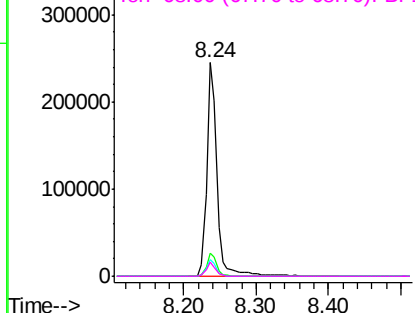
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107075.D
Acq: 3 Jul 2018 12:01

Instrument :
BNA_G
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Tgt Ion:	136	Resp:	242085
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	6.4	5.0	7.4

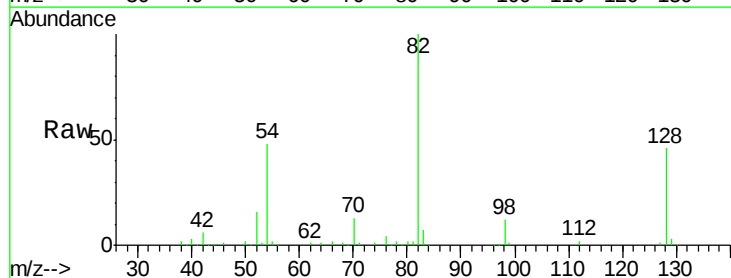


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

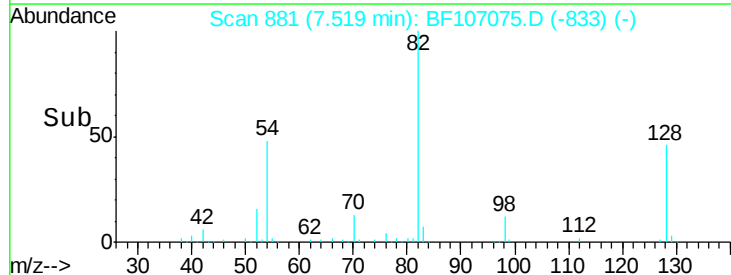
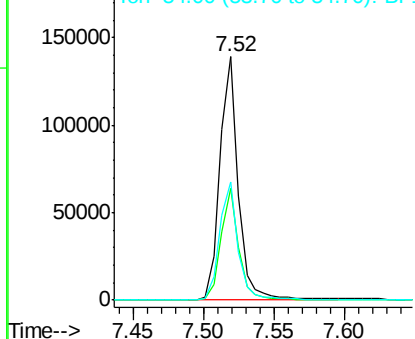


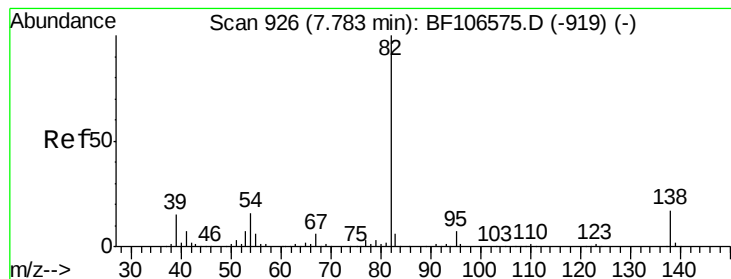
#23
Nitrobenzene-d5
Concen: 29.041 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107075.D
Acq: 3 Jul 2018 12:01

Tgt Ion:	82	Resp:	126505
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	48.4	41.4	62.2



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





#25

Isophorone

Concen: 16.480 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107075.D

Acq: 3 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

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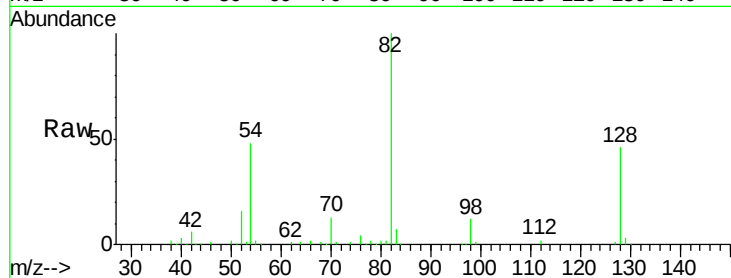
Tgt Ion: 82 Resp: 126503

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

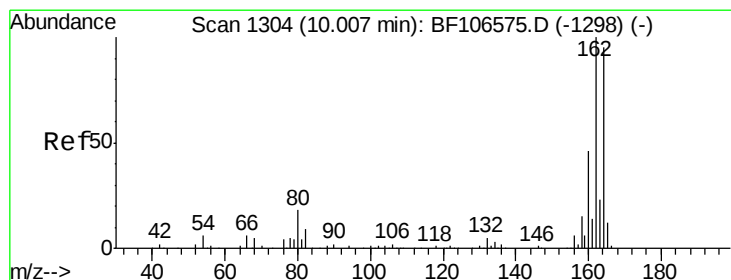
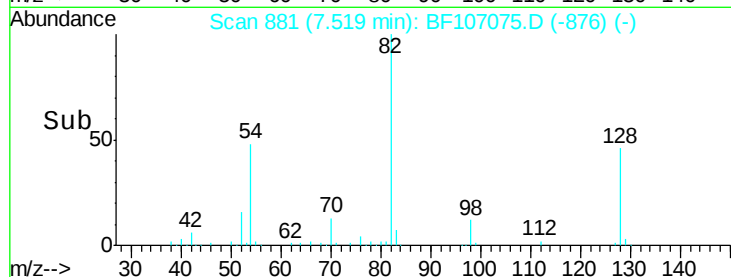
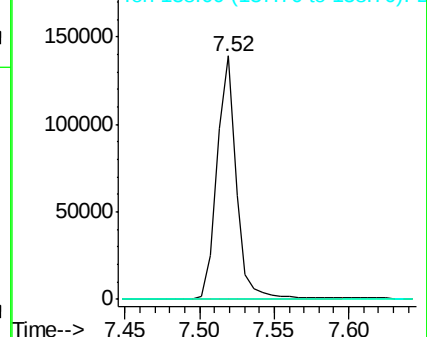
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF107075.D

Acq: 3 Jul 2018 12:01

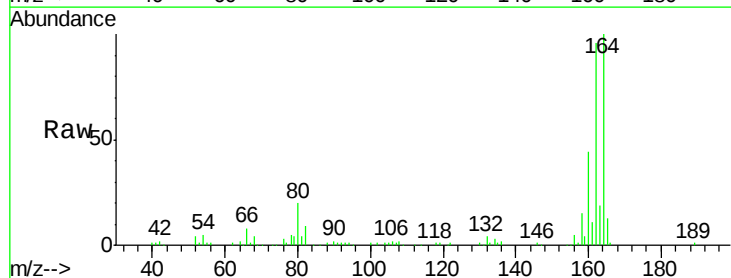
Tgt Ion: 164 Resp: 107443

Ion Ratio Lower Upper

164 100

162 96.2 86.1 129.1

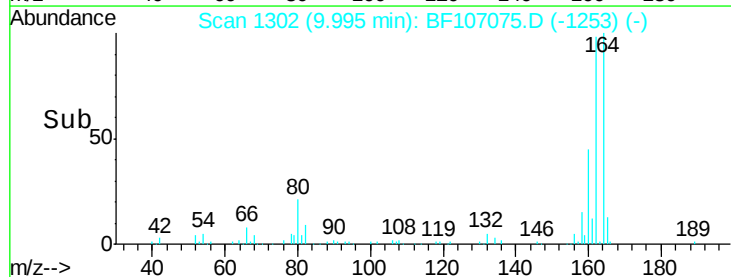
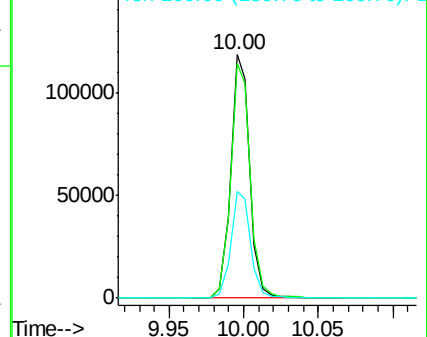
160 43.7 38.3 57.5

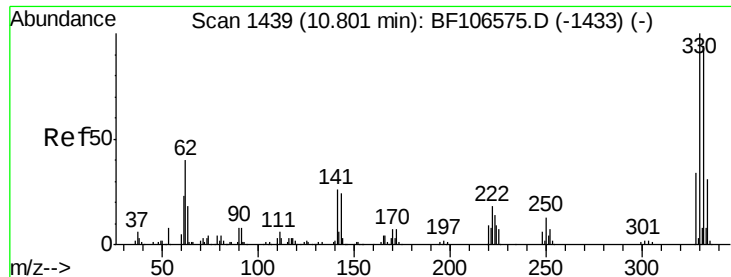


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

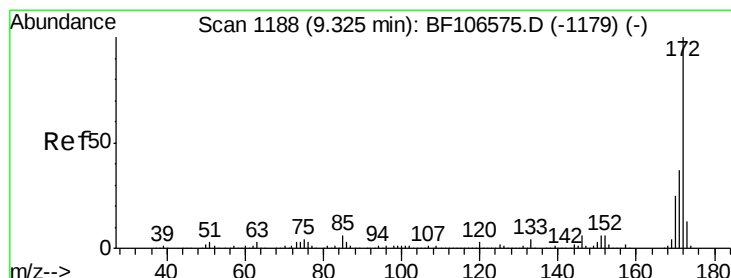
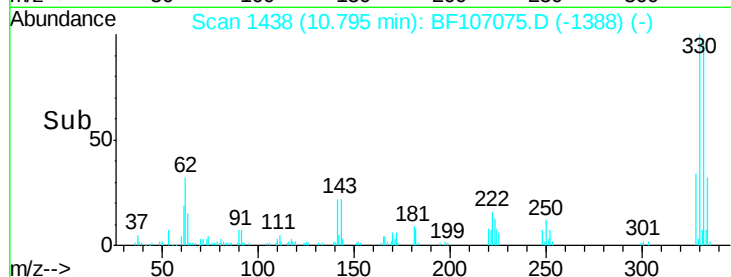
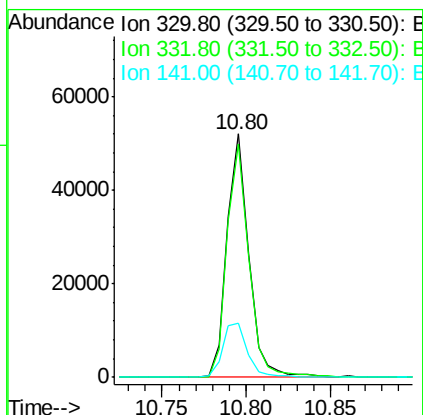
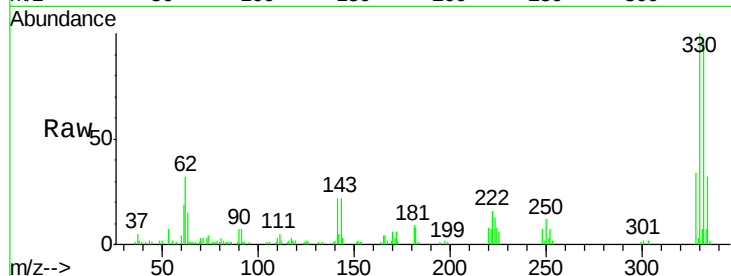




#41
 2,4,6-Tribromophenol
 Concen: 37.664 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107075.D
 Acq: 3 Jul 2018 12:01

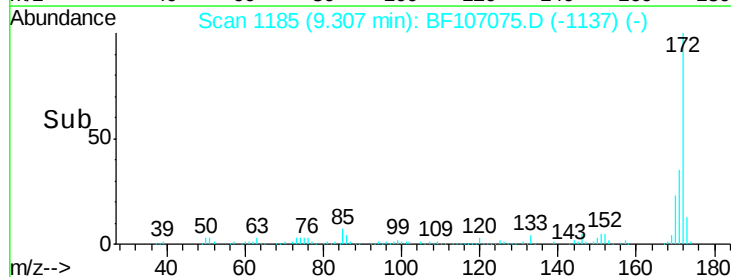
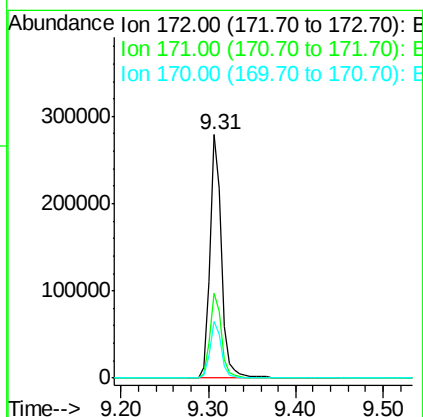
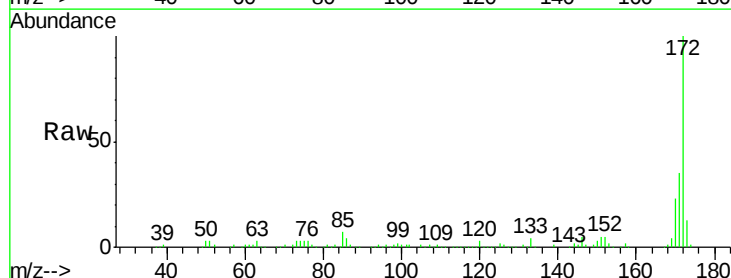
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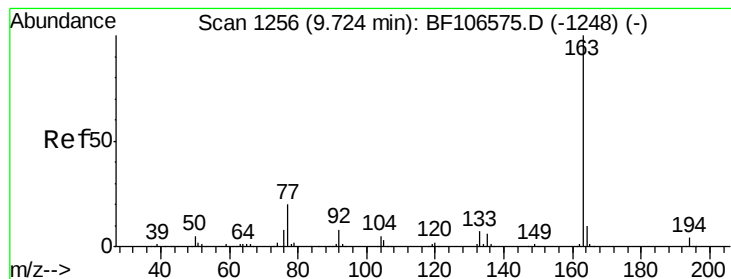
Tgt Ion:330 Resp: 46903
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 25.4 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 31.213 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107075.D
 Acq: 3 Jul 2018 12:01

Tgt Ion:172 Resp: 257385
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.3 19.6 29.4





#49

Dimethylphthalate

Concen: 3.146 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107075.D

Acq: 3 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

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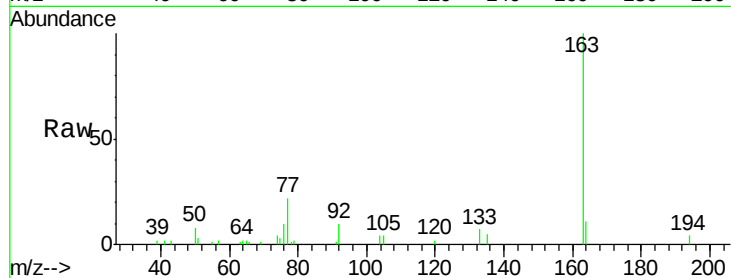
Tgt Ion:163 Resp: 25354

Ion Ratio Lower Upper

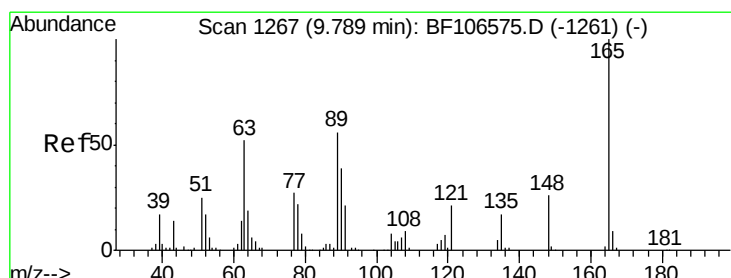
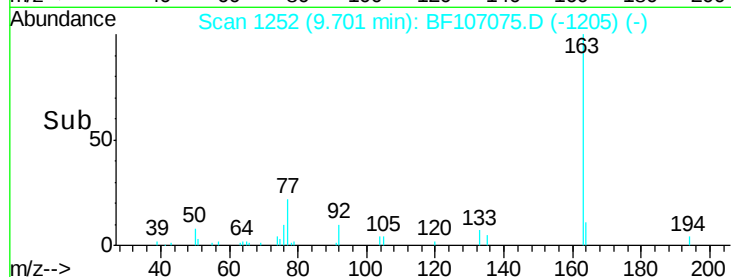
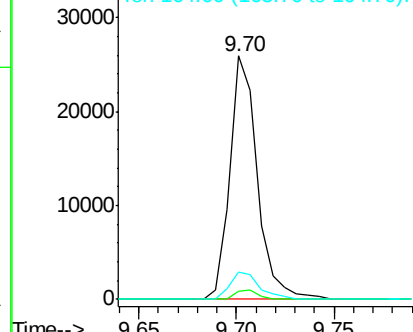
163 100

194 3.5 2.7 4.1

164 11.0 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



#50

2,6-Dinitrotoluene

Concen: 8.280 ng

RT: 10.00 min Scan# 1302

Delta R.T. 0.20 min

Lab File: BF107075.D

Acq: 3 Jul 2018 12:01

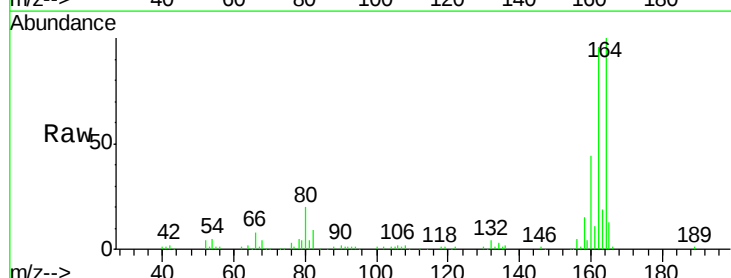
Tgt Ion:165 Resp: 14129

Ion Ratio Lower Upper

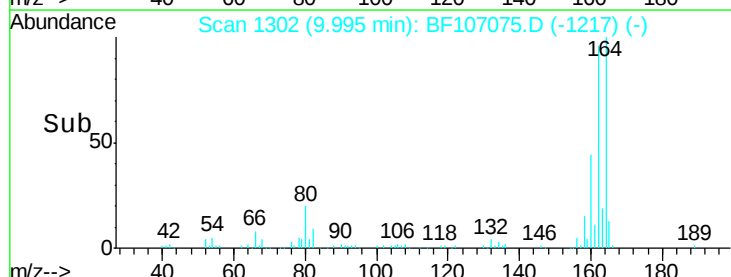
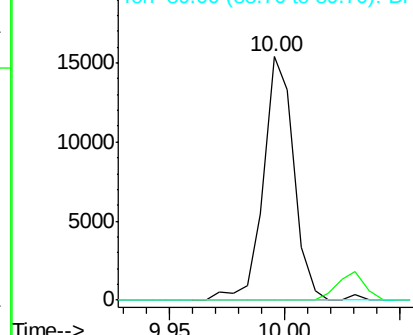
165 100

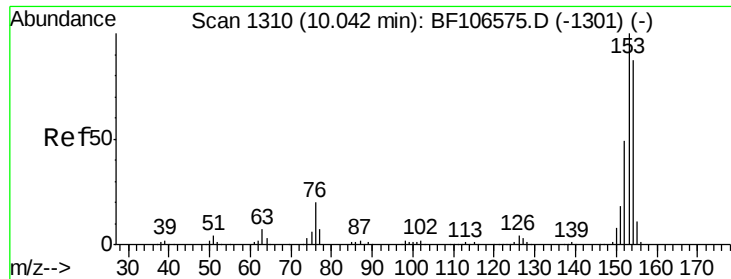
63 0.0 44.7 67.1#

89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

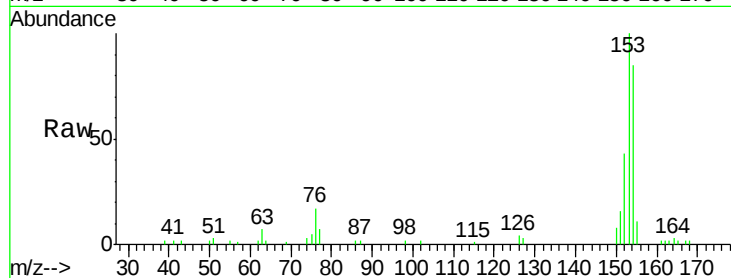




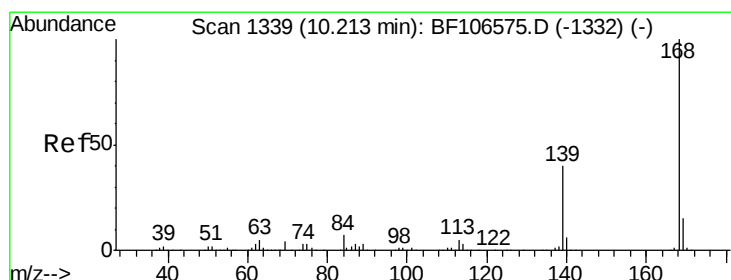
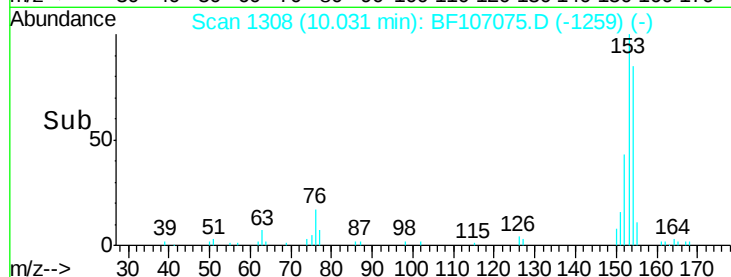
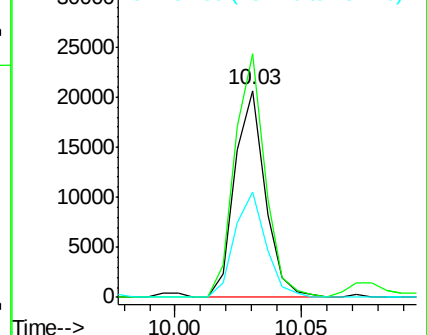
#51
Acenaphthene
Concen: 2.572 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF107075.D
Acq: 3 Jul 2018 12:01

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:154 Resp: 17238
Ion Ratio Lower Upper
154 100
153 117.7 91.2 136.8
152 51.0 43.8 65.8

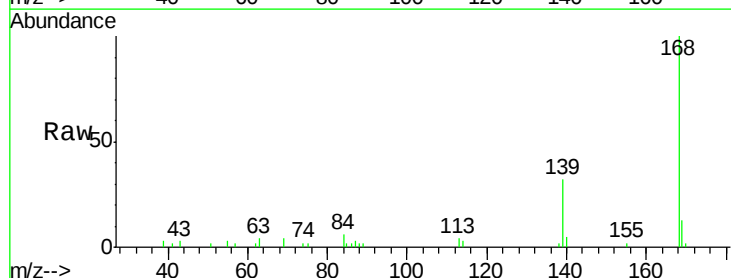


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

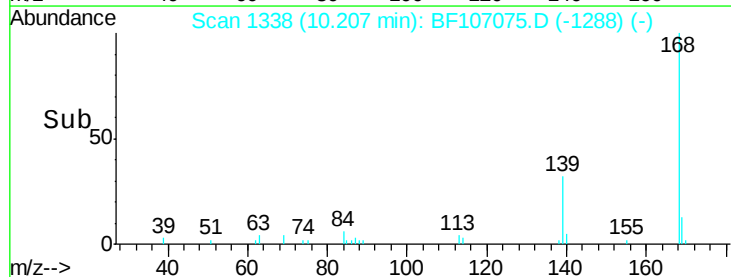
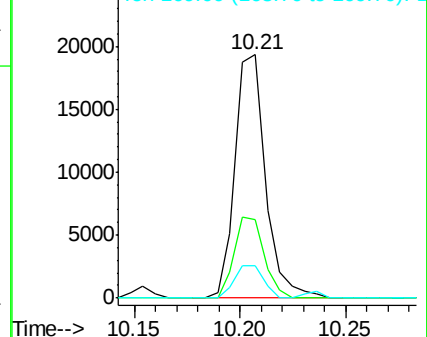


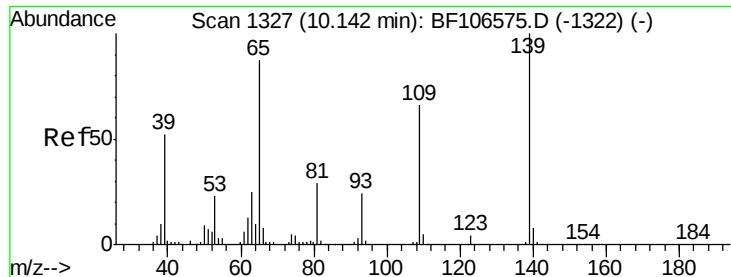
#54
Dibenzofuran
Concen: 2.097 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107075.D
Acq: 3 Jul 2018 12:01

Tgt Ion:168 Resp: 19237
Ion Ratio Lower Upper
168 100
139 32.3 30.1 45.1
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

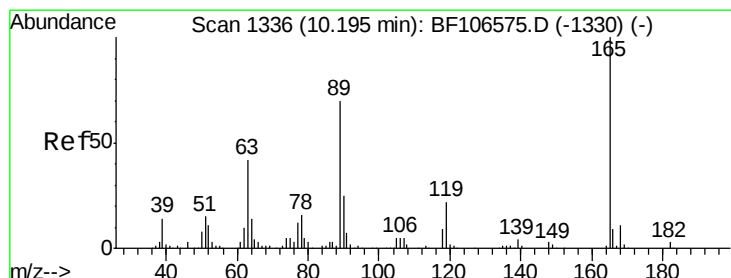
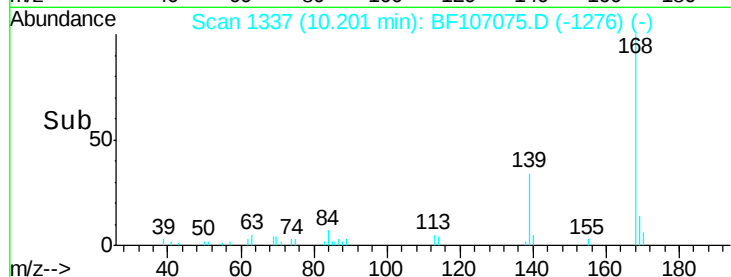
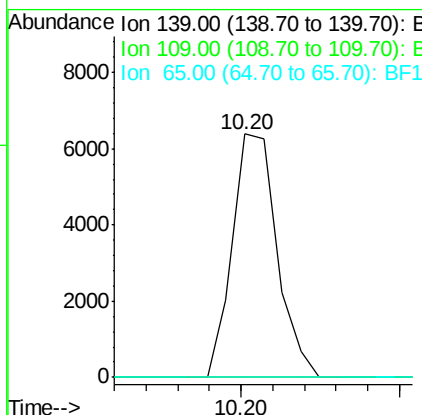
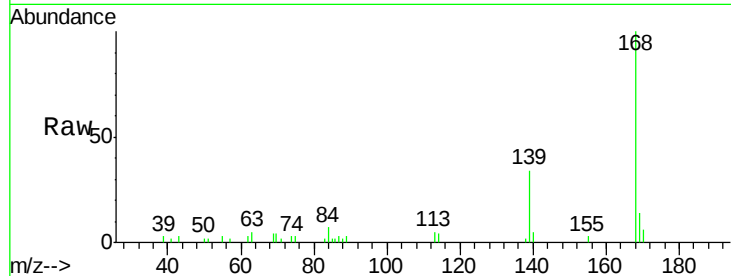




#55
4-Nitrophenol
Concen: 4.524 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.06 min
Lab File: BF107075.D
Acq: 3 Jul 2018 12:01

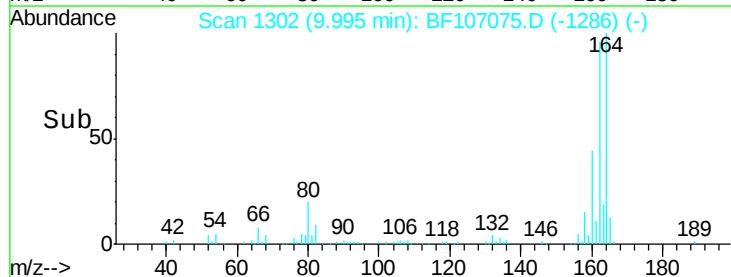
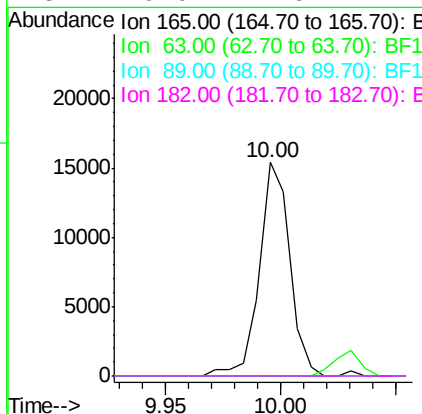
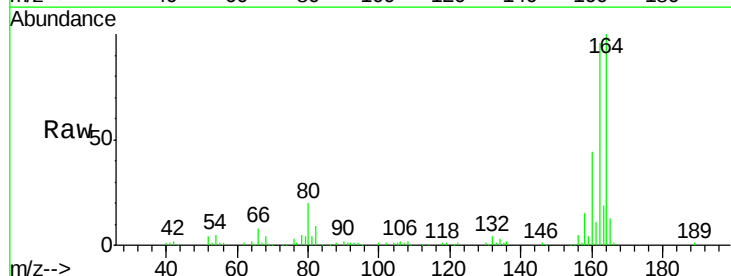
Instrument :
BNA_G
ClientSampleId :
DOCUMENTATION-3

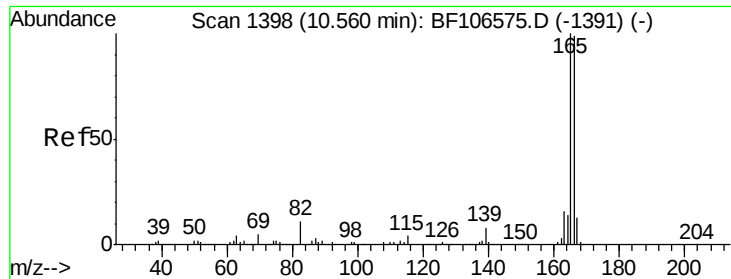
Tgt Ion:139 Resp: 6200
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 6.344 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107075.D
Acq: 3 Jul 2018 12:01

Tgt Ion:165 Resp: 14129
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

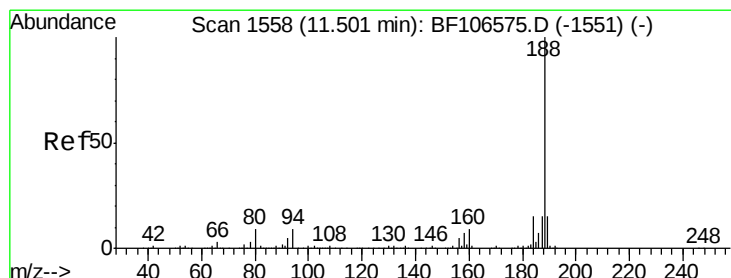
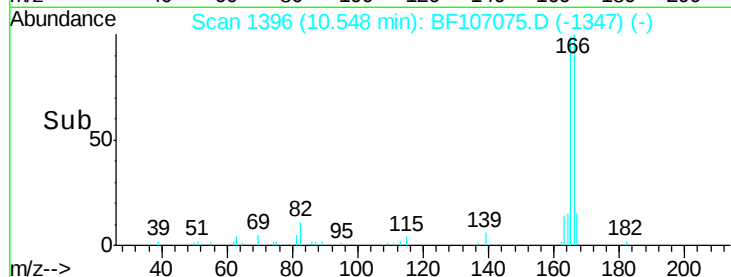
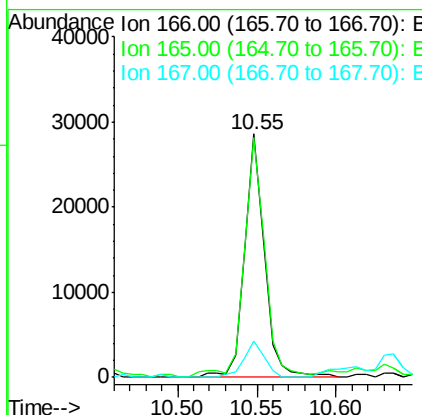
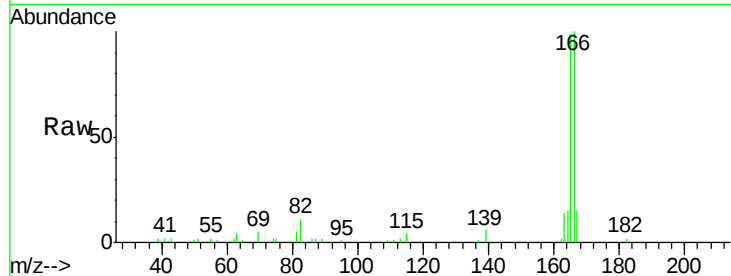




#57
 Fluorene
 Concen: 3.405 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF107075.D
 Acq: 3 Jul 2018 12:01

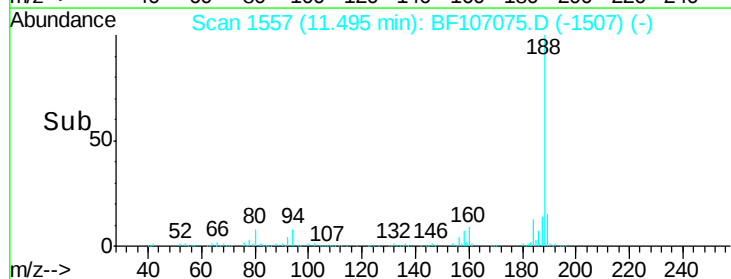
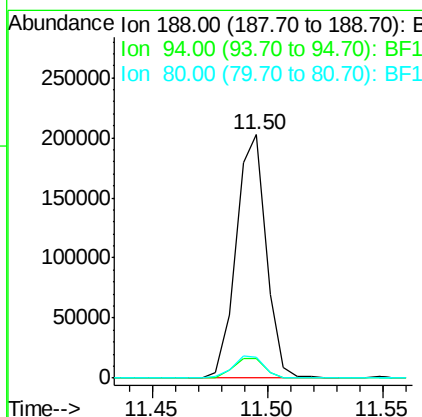
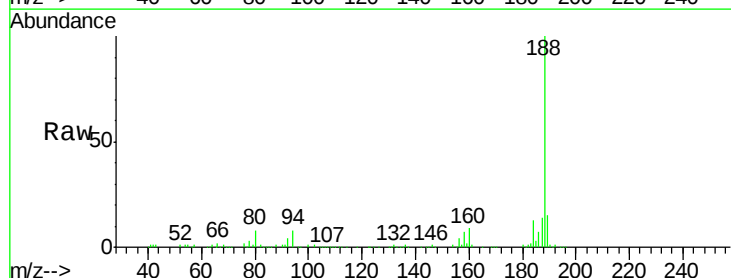
Instrument :
 BNA_G
 ClientSampleId :
 DOCUMENTATION-3

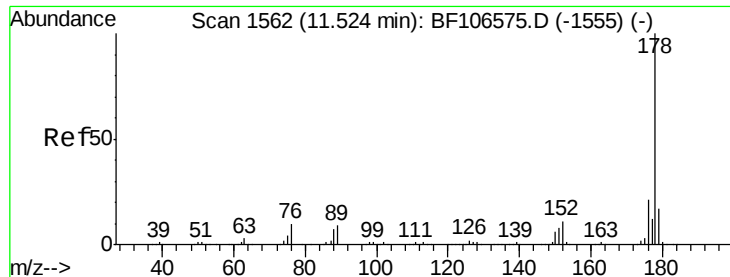
Tgt Ion:166 Resp: 24789
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.8
 167 15.0 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107075.D
 Acq: 3 Jul 2018 12:01

Tgt Ion:188 Resp: 184170
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.5 12.7#
 80 8.5 9.2 13.8#

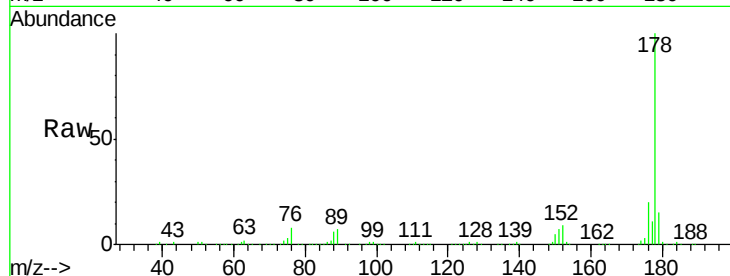




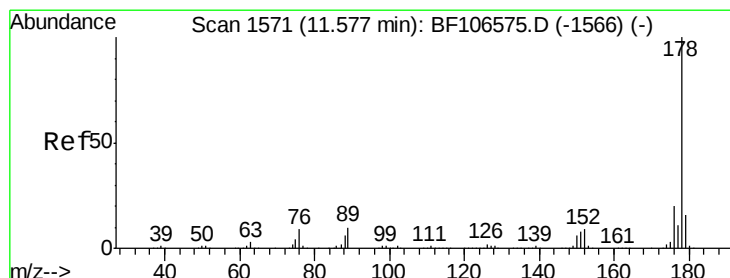
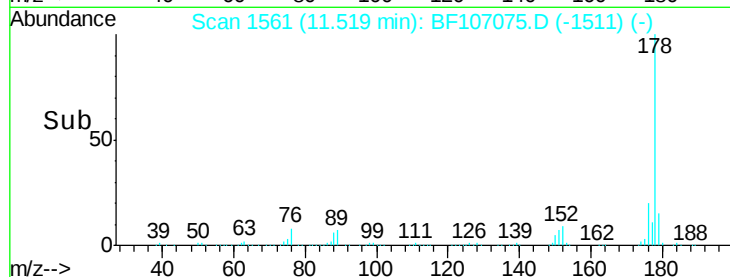
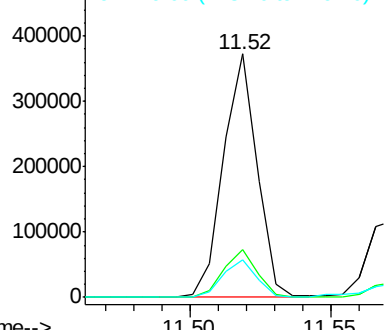
#70
Phenanthrene
Concen: 34.810 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107075.D
Acq: 3 Jul 2018 12:01

Instrument :
BNA_G
ClientSampleId :
DOCUMENTATION-3

Tgt Ion:178 Resp: 309215
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.4 13.0 19.6

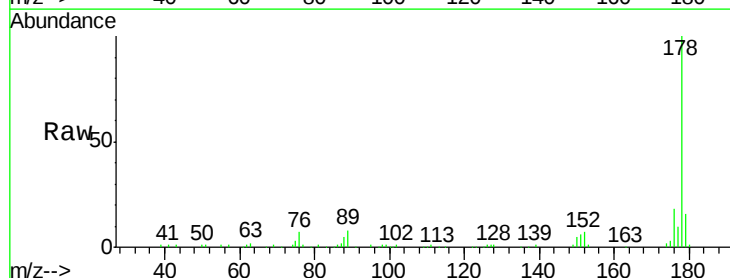


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

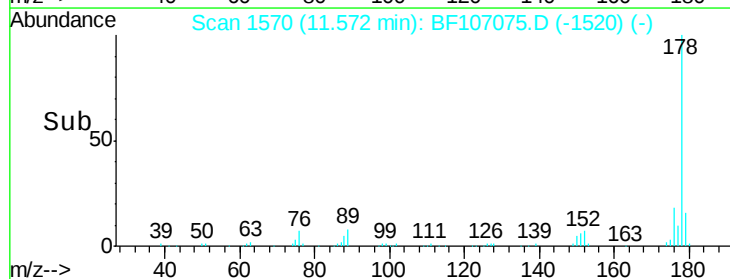
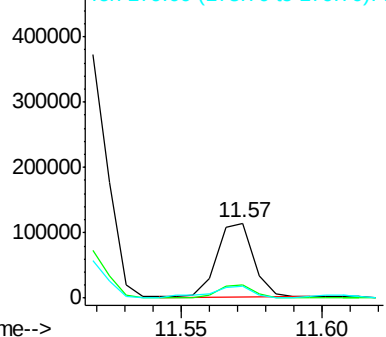


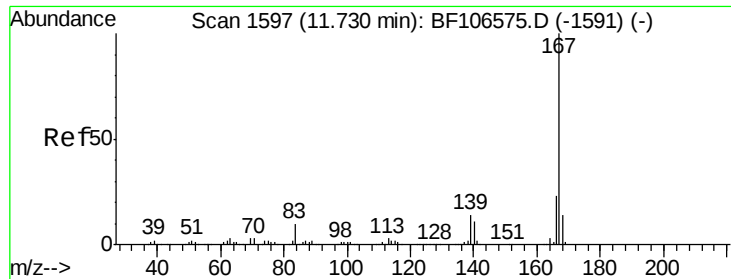
#71
Anthracene
Concen: 11.301 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107075.D
Acq: 3 Jul 2018 12:01

Tgt Ion:178 Resp: 102460
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.2
179 15.8 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

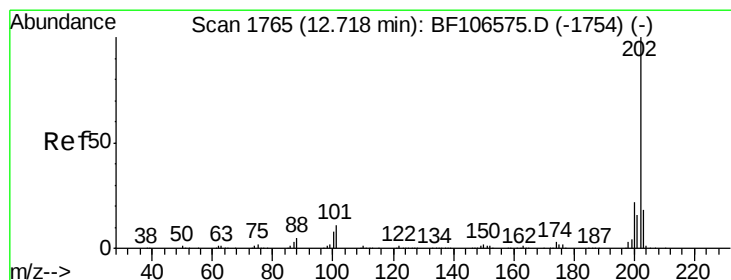
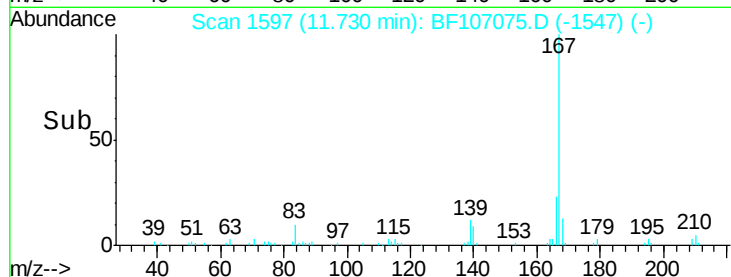
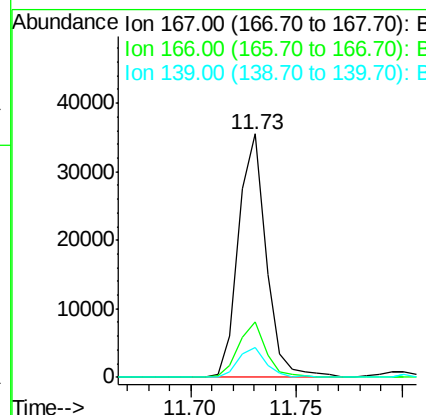
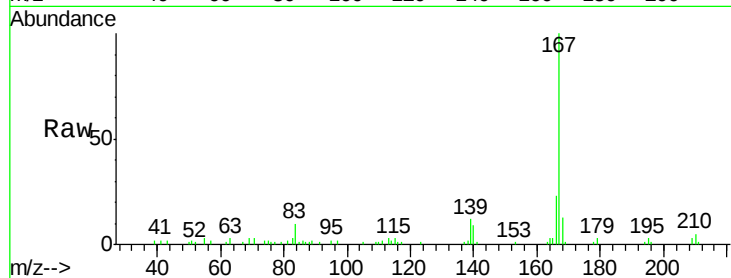




#72
 Carbazole
 Concen: 3.785 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF107075.D
 Acq: 3 Jul 2018 12:01

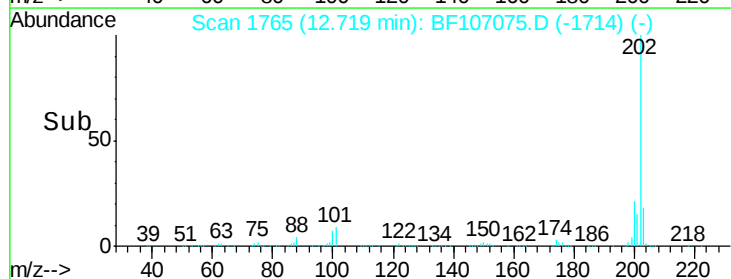
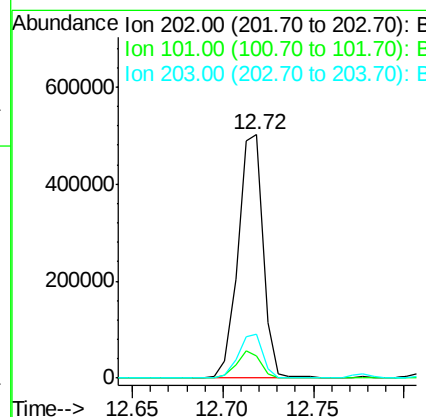
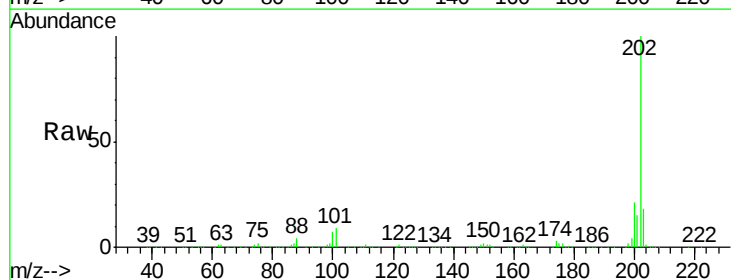
Instrument :
 BNA_G
 ClientSampleId :
 DOCUMENTATION-3

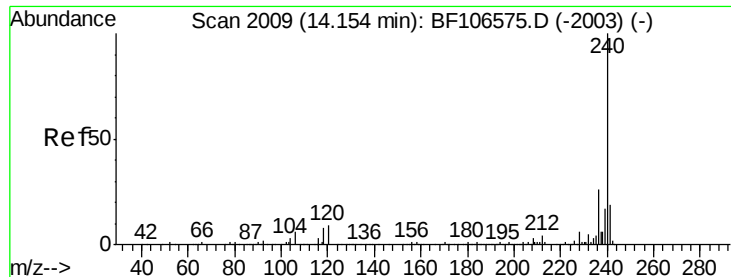
Tgt Ion:167 Resp: 32128
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 12.4 10.9 16.3



#74
 Fluoranthene
 Concen: 49.135 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF107075.D
 Acq: 3 Jul 2018 12:01

Tgt Ion:202 Resp: 481069
 Ion Ratio Lower Upper
 202 100
 101 9.1 0.0 34.1
 203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107075.D

Acq: 3 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

DOCUMENTATION-3

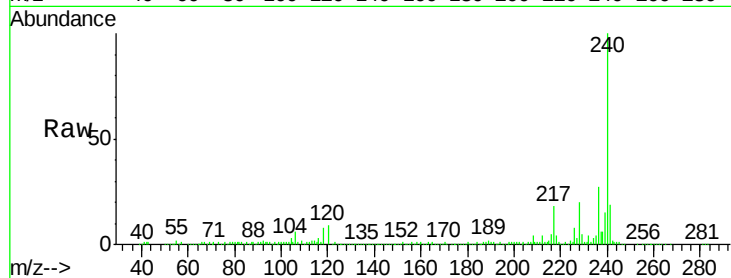
Tgt Ion:240 Resp: 195363

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

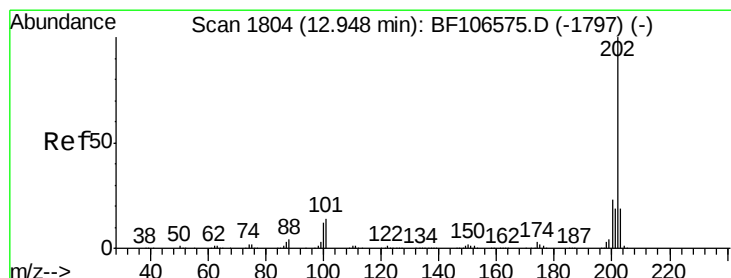
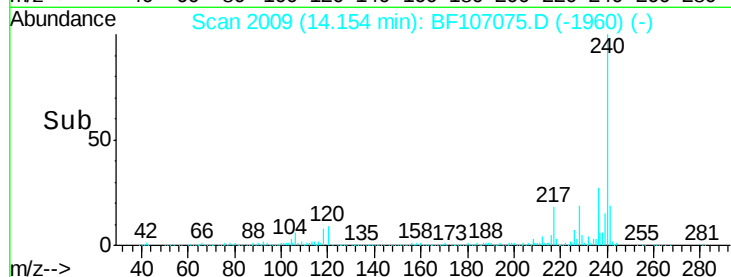
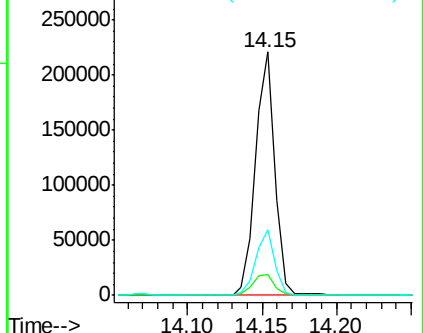
236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 33.577 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107075.D

Acq: 3 Jul 2018 12:01

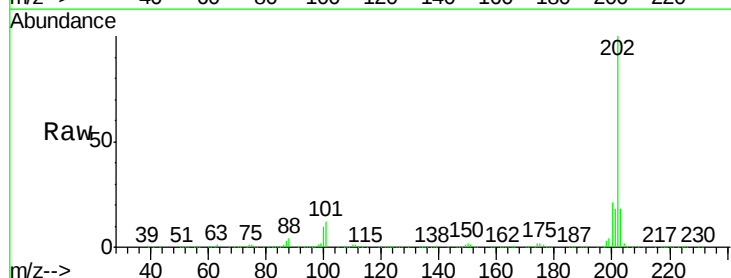
Tgt Ion:202 Resp: 432571

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

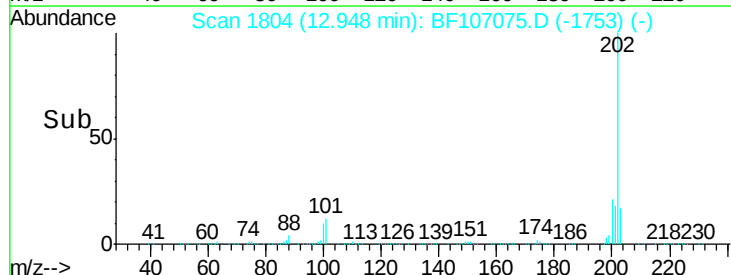
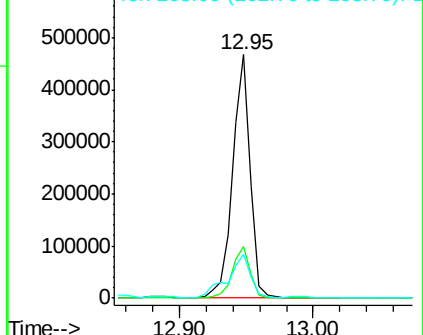
203 17.8 14.3 21.5

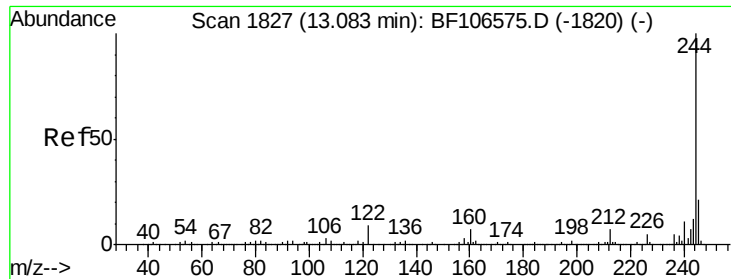


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

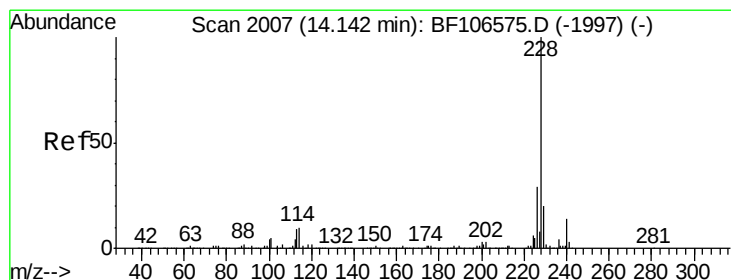
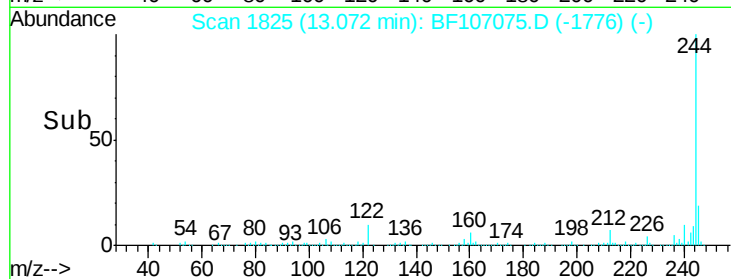
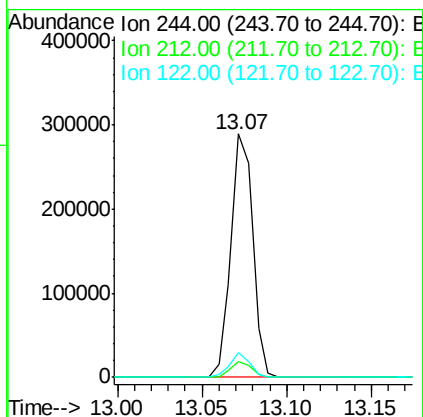
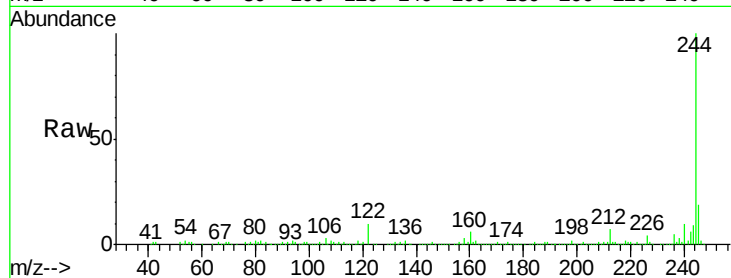




#78
 Terphenyl-d14
 Concen: 32.199 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107075.D
 Acq: 3 Jul 2018 12:01

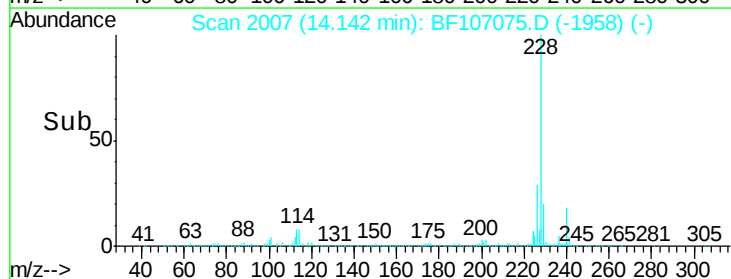
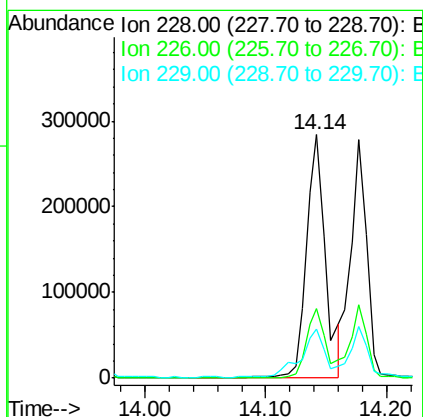
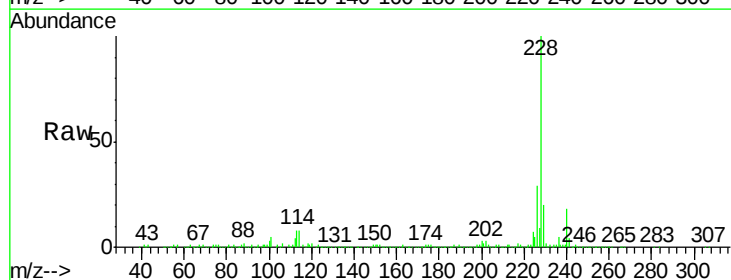
Instrument :
 BNA_G
 ClientSampleId :
 DOCUMENTATION-3

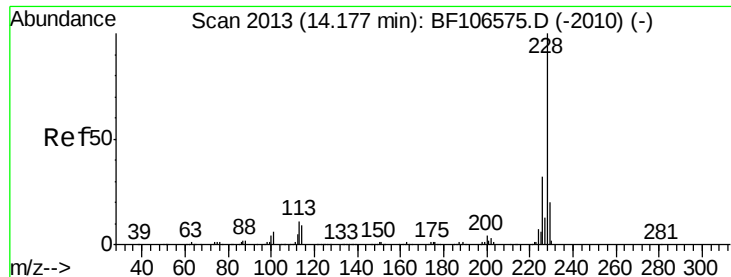
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.0	11.0	16.4



#80
 Benzo(a)anthracene
 Concen: 26.082 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF107075.D
 Acq: 3 Jul 2018 12:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.4	15.8	23.6

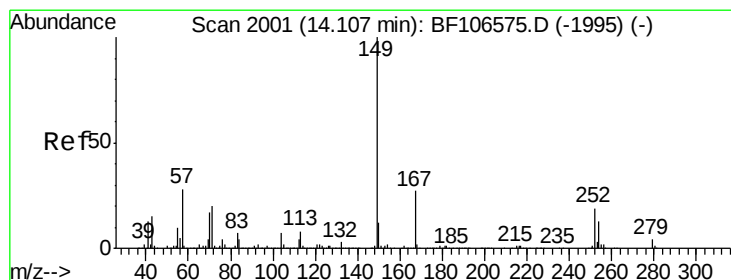
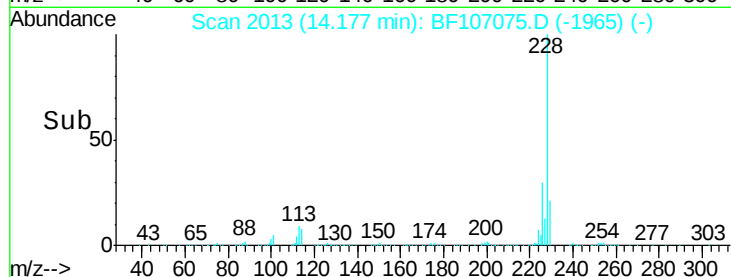
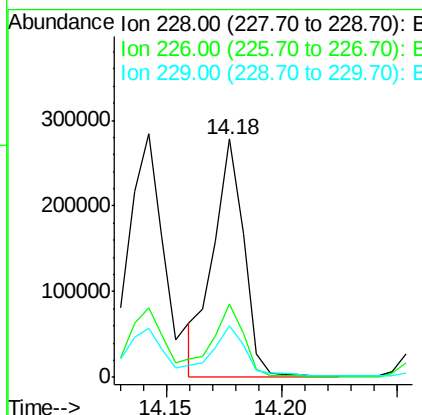
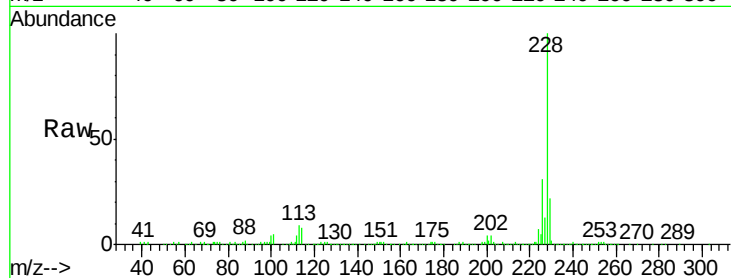




#82
 Chrysene
 Concen: 23.172 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF107075.D
 Acq: 3 Jul 2018 12:01

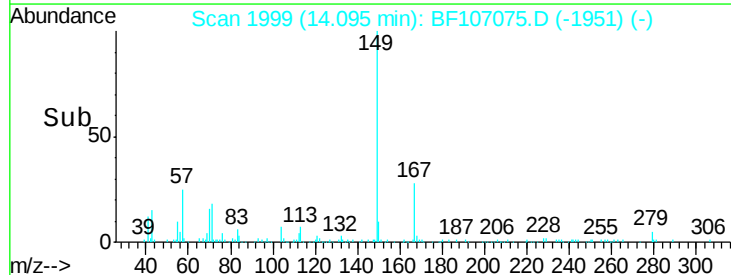
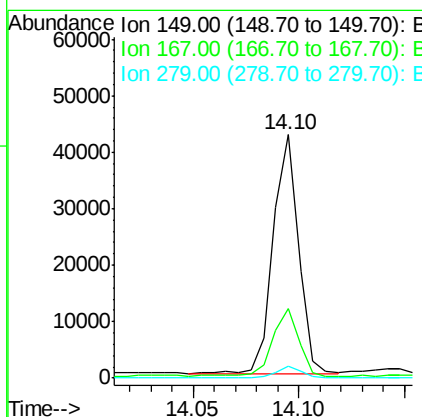
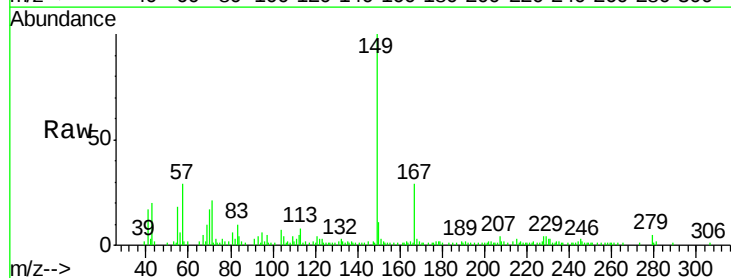
Instrument :
 BNA_G
 ClientSampleId :
 DOCUMENTATION-3

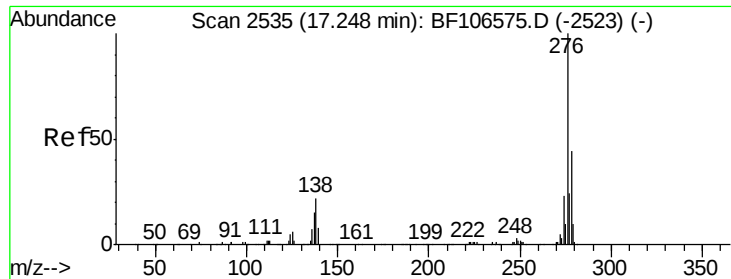
Tgt Ion: 228 Resp: 253833
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 21.6 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.231 ng
 RT: 14.10 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF107075.D
 Acq: 3 Jul 2018 12:01

Tgt Ion: 149 Resp: 35420
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.3 31.9
 279 4.9 3.0 4.4#

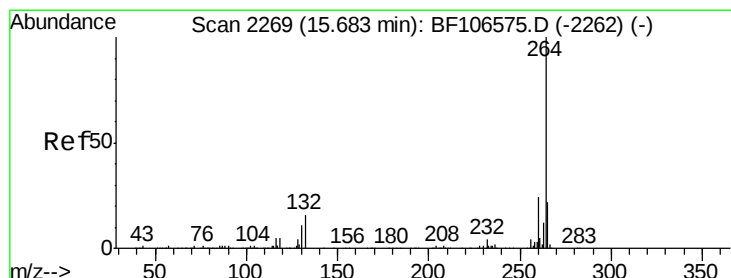
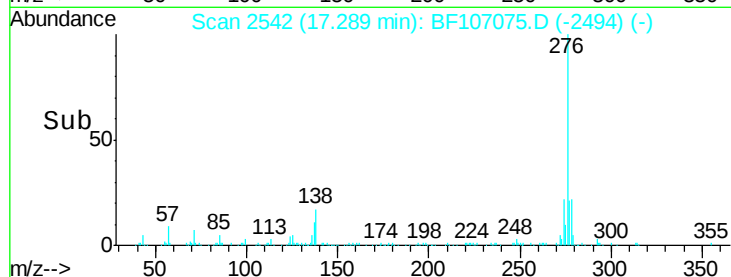
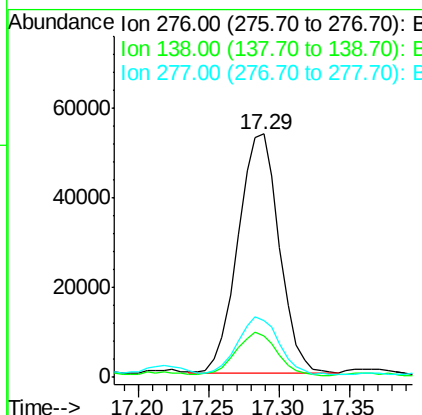
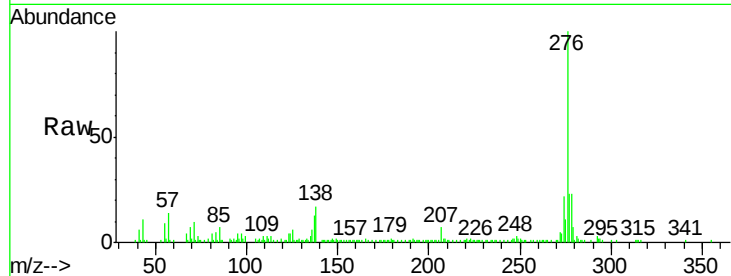




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.719 ng
 RT: 17.29 min Scan# 2542
 Delta R.T. -0.02 min
 Lab File: BF107075.D
 Acq: 3 Jul 2018 12:01

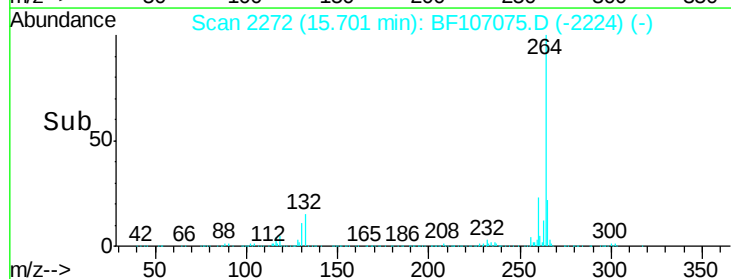
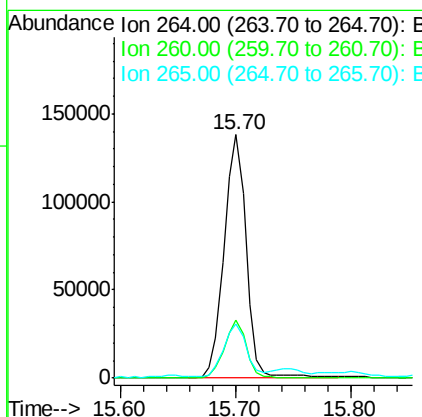
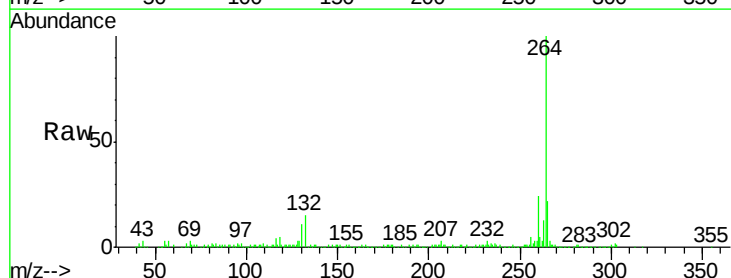
Instrument :
 BNA_G
 ClientSampleId :
 DOCUMENTATION-3

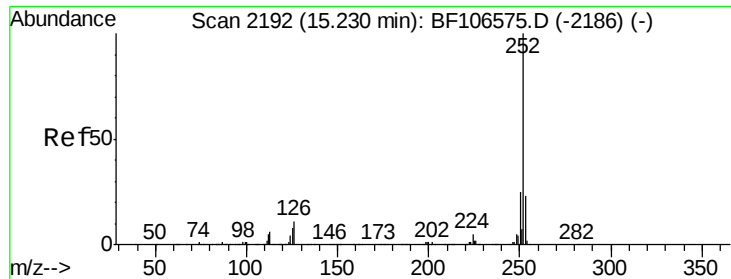
Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	25.0	37.6#
277	24.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF107075.D
 Acq: 3 Jul 2018 12:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 40.795 ng

RT: 15.24 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BF107075.D

Acq: 3 Jul 2018 12:01

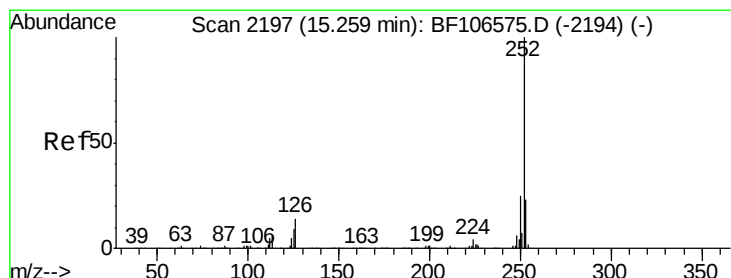
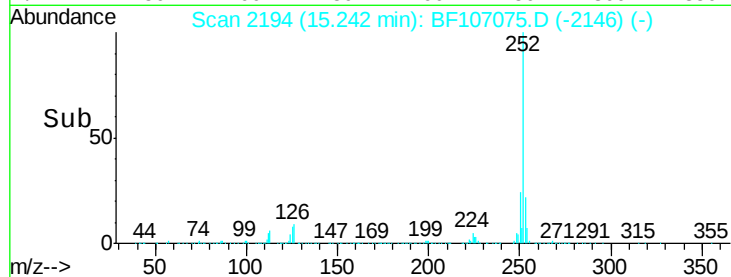
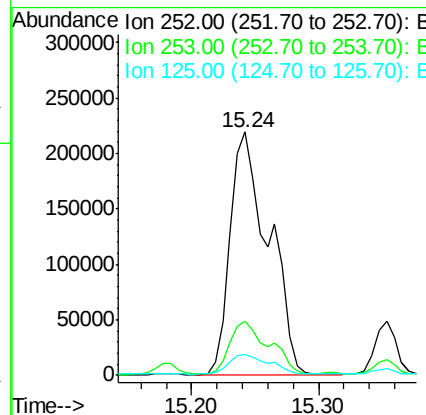
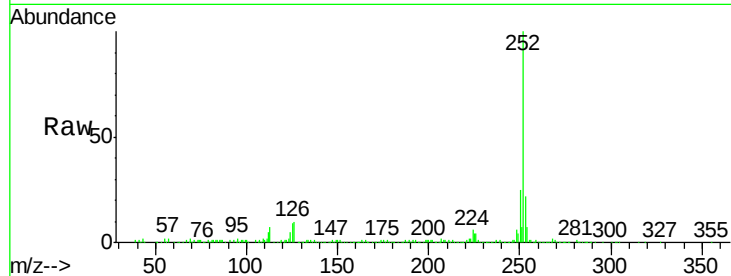
Instrument :

BNA_G

ClientSampleId :

DOCUMENTATION-3

Tgt Ion:	252	Resp:	459870
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	8.8	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 42.838 ng

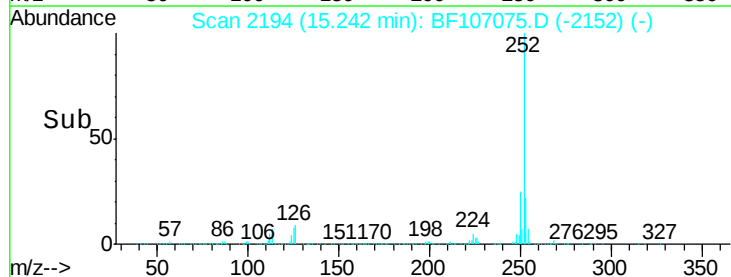
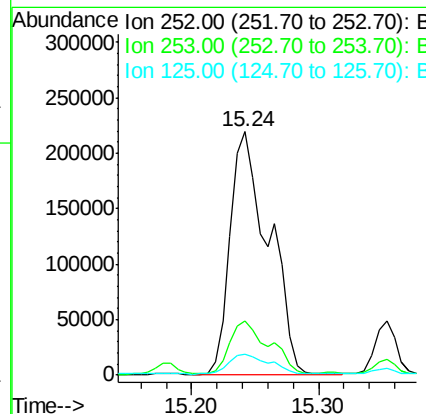
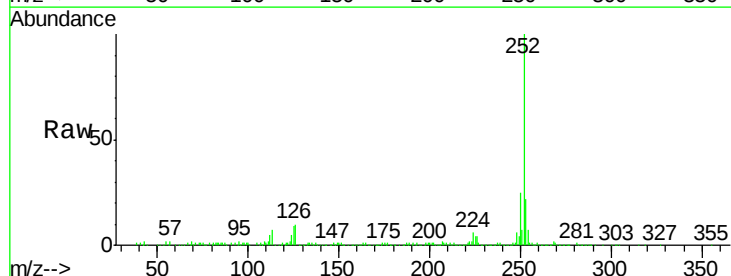
RT: 15.24 min Scan# 2194

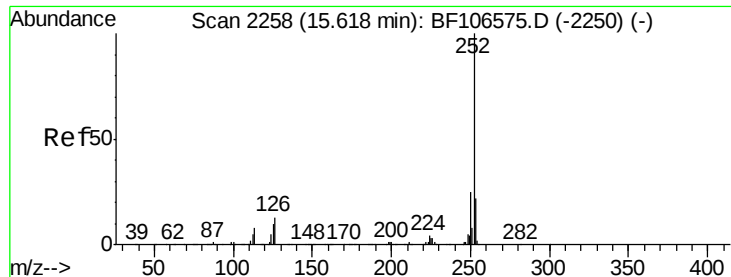
Delta R.T. -0.05 min

Lab File: BF107075.D

Acq: 3 Jul 2018 12:01

Tgt Ion:	252	Resp:	459870
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	8.8	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 15.240 ng

RT: 15.57 min Scan# 2249

Delta R.T. -0.09 min

Lab File: BF107075.D

Acq: 3 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

DOCUMENTATION-3

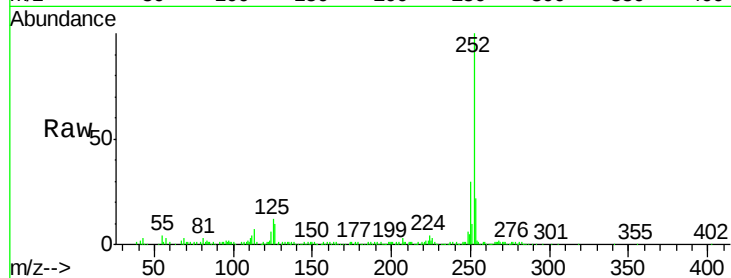
Tgt Ion:252 Resp: 152721

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

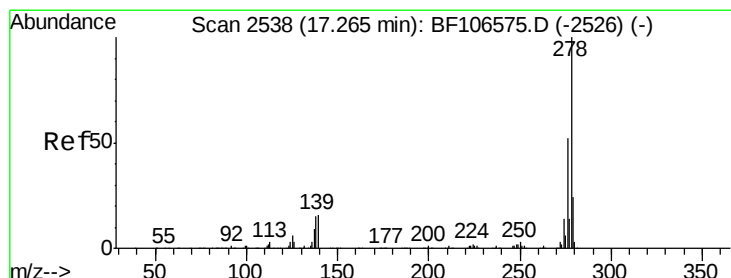
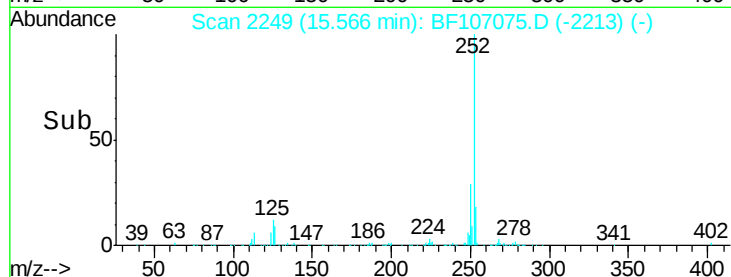
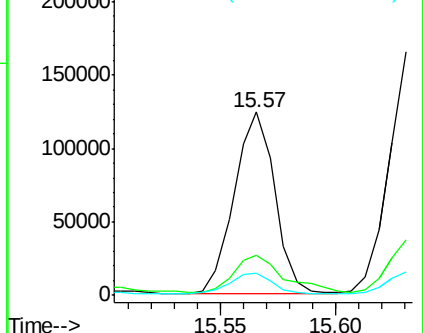
125 12.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.865 ng

RT: 17.47 min Scan# 2573

Delta R.T. 0.15 min

Lab File: BF107075.D

Acq: 3 Jul 2018 12:01

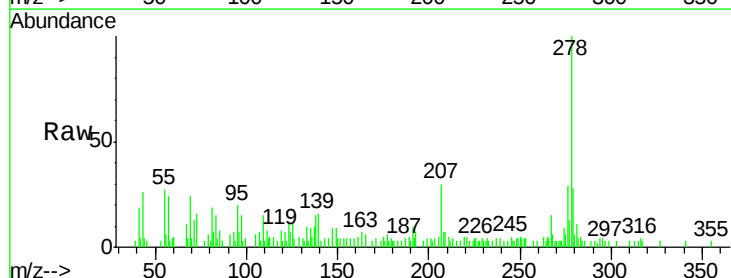
Tgt Ion:278 Resp: 24332

Ion Ratio Lower Upper

278 100

139 15.9 15.9 23.9

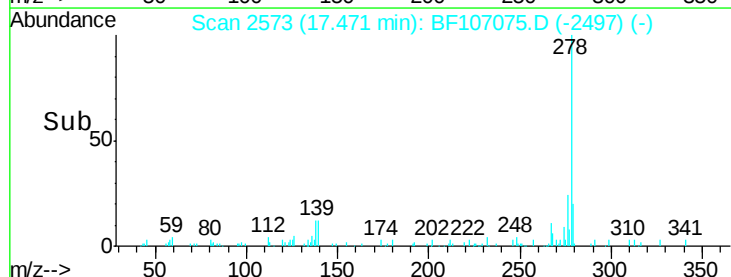
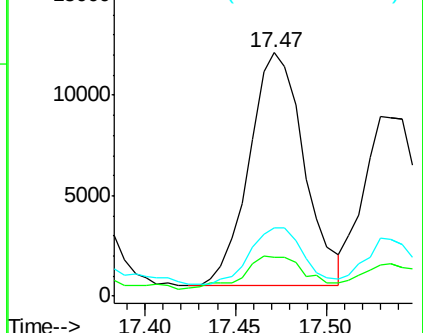
279 27.9 19.0 28.4

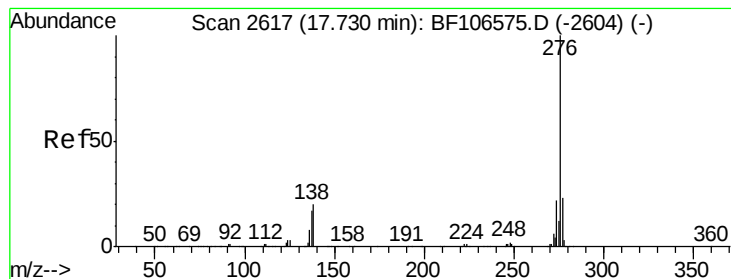


Abundance Ion 278.00 (277.70 to 278.70): E

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: 11.892 ng

RT: 17.77 min Scan# 2624

Delta R.T. -0.02 min

Lab File: BF107075.D

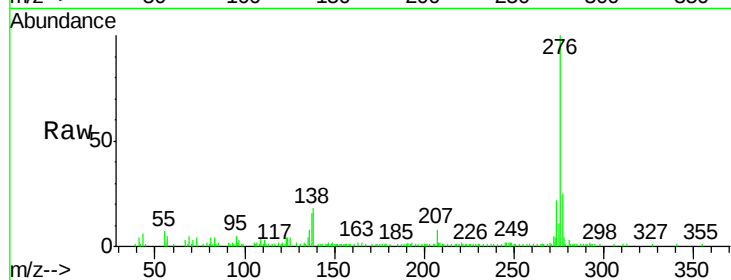
Acq: 3 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

DOCUMENTATION-3



Tgt Ion: 276 Resp: 98721

Ion Ratio Lower Upper

276 100

277 24.7 17.9 26.9

138 18.4 21.8 32.8#

