

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106603.D
 Acq On : 20 Jun 2018 00:43
 Operator : JU/SJ
 Sample : J3554-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)

Quant Time: Jun 20 04:46:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102984	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	358093	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	139315	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	221118	20.00	ng	0.00
75) Chrysene-d12	14.15	240	259593	20.00	ng	0.00
86) Perylene-d12	15.68	264	198894	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	682221	112.17	ng	0.00
7) Phenol-d6	6.61	99	844860	111.24	ng	0.00
23) Nitrobenzene-d5	7.52	82	577653	89.65	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	178887	110.79	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	862288	108.92	ng	0.00
78) Terphenyl-d14	13.08	244	766158	71.49	ng	0.00

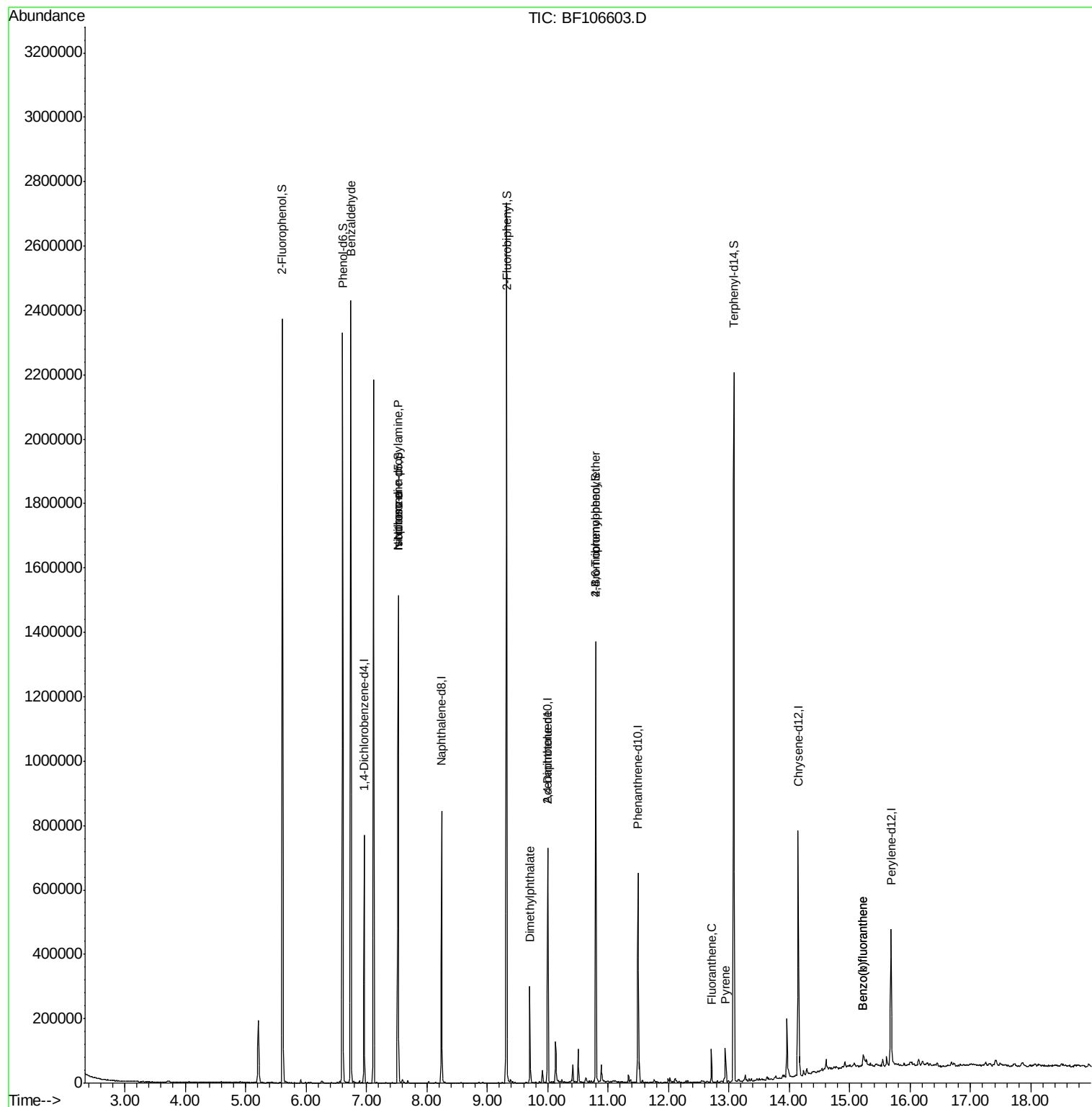
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	16013	2.501	ng	85
19) n-Nitroso-di-n-propylamine	7.52	70	77269	15.434	ng	# 74
25) Isophorone	7.52	82	577646	50.874	ng	# 64
49) Dimethylphthalate	9.71	163	113523	10.865	ng	100
56) 2,4-Dinitrotoluene	10.00	165	17794	6.161	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	11107	4.209	ng	# 1
74) Fluoranthene	12.71	202	40298	3.428	ng	95
77) Pyrene	12.94	202	39438	2.304	ng	97
87) Benzo(b)fluoranthene	15.22	252	26992	2.185	ng	# 93
88) Benzo(k)fluoranthene	15.22	252	26992	2.294	ng	93

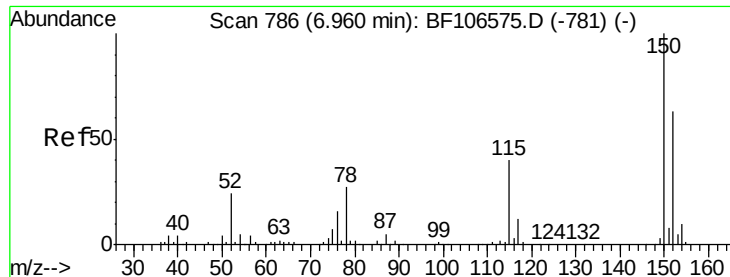
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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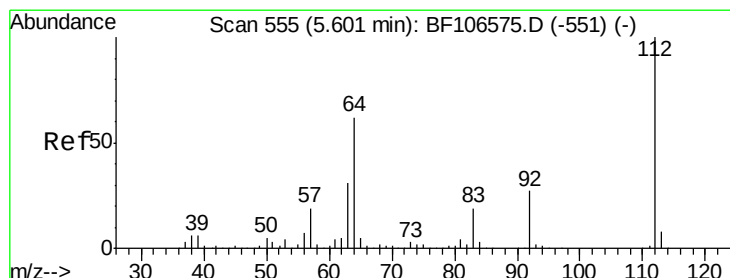
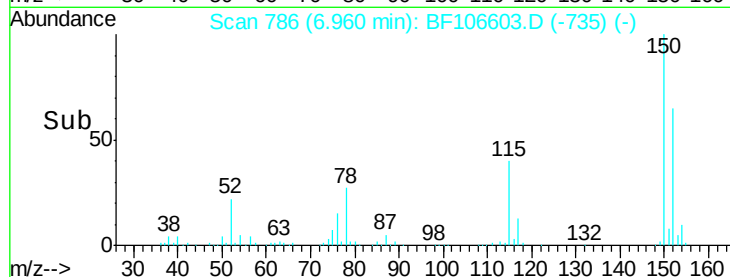
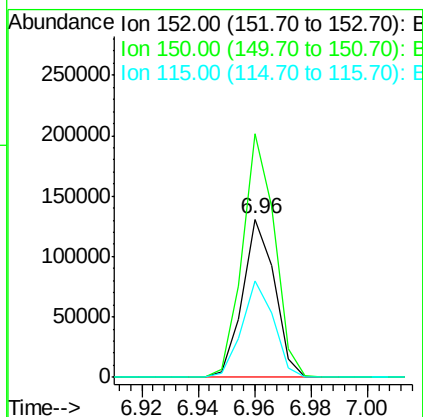
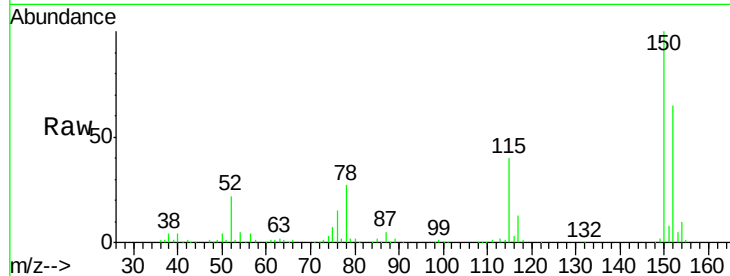


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106603.D
Acq: 20 Jun 2018 00:43

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)

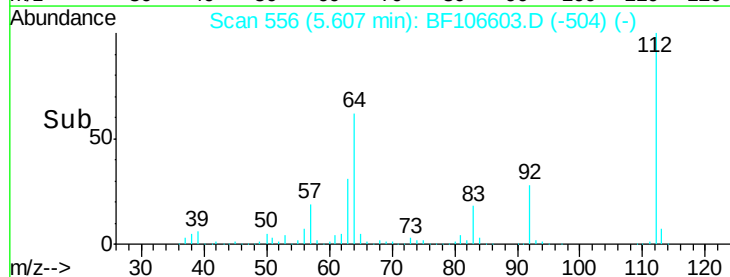
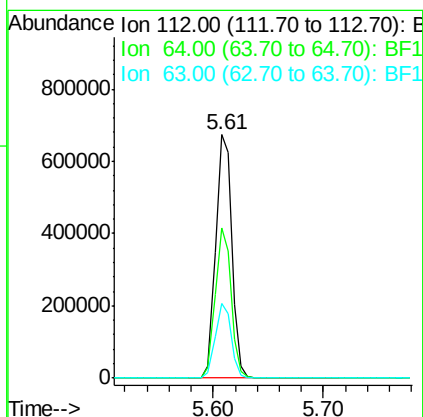
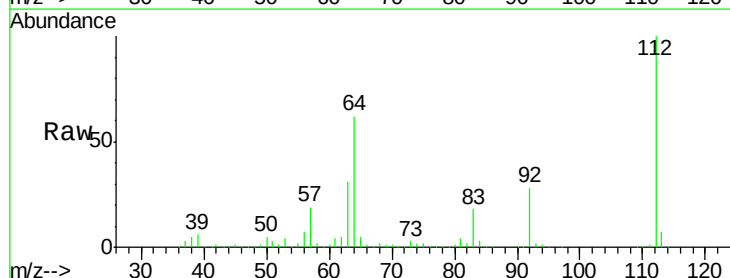
Tgt Ion:152 Resp: 102984
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 61.2 50.1 75.1

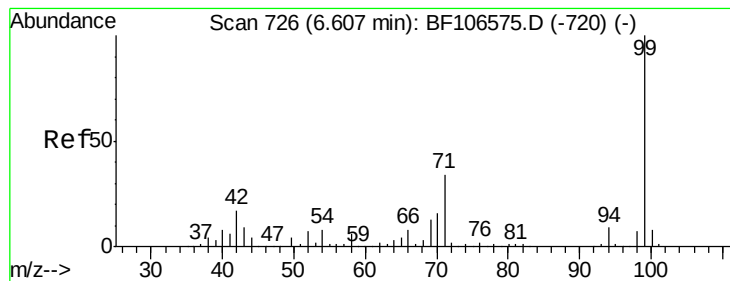


#5

2-Fluorophenol
Concen: 112.174 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106603.D
Acq: 20 Jun 2018 00:43

Tgt Ion:112 Resp: 682221
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 111.239 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106603.D

Acq: 20 Jun 2018 00:43

Instrument :

BNA_F

ClientSampled :

A-8(3.0)

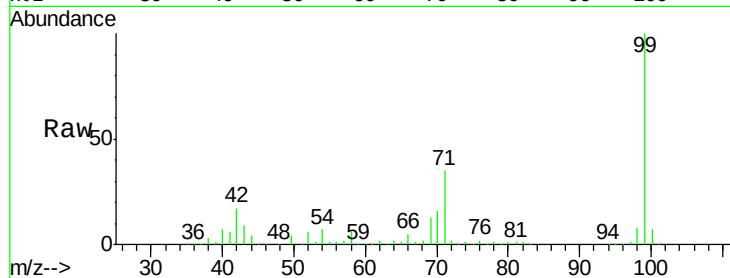
Tgt Ion: 99 Resp: 844860

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

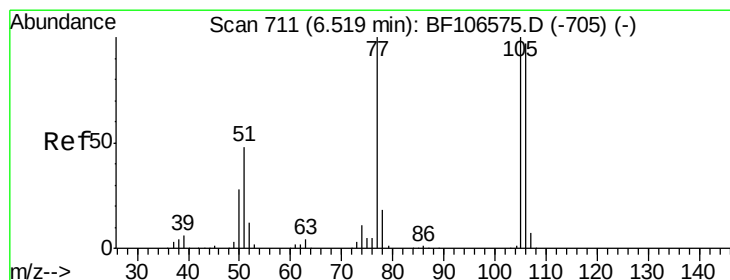
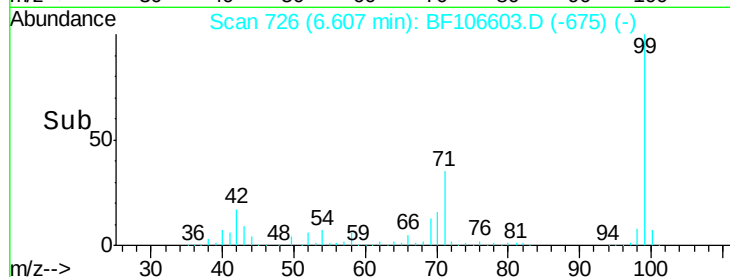
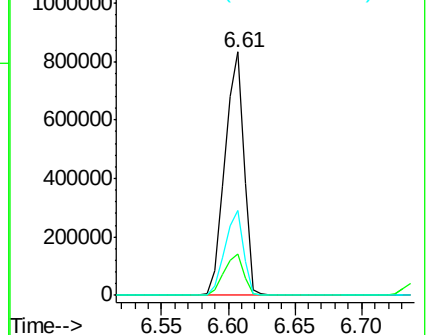
71 35.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.501 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106603.D

Acq: 20 Jun 2018 00:43

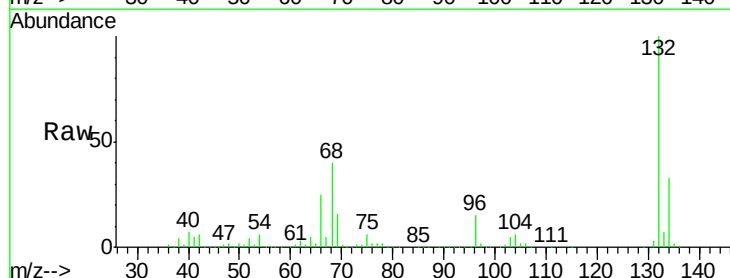
Tgt Ion: 77 Resp: 16013

Ion Ratio Lower Upper

77 100

105 87.1 81.1 121.1

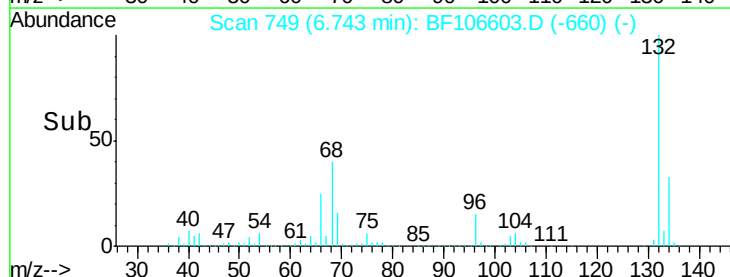
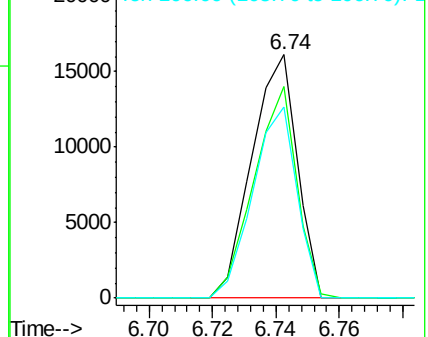
106 78.5 74.5 114.5

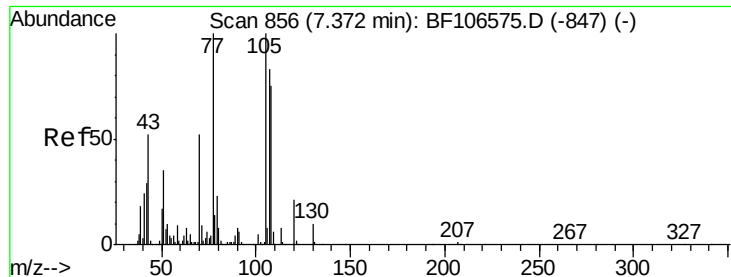


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

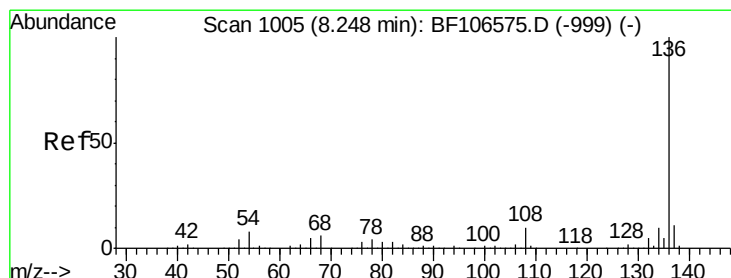
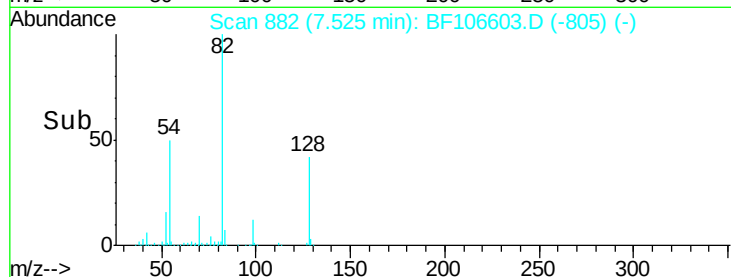
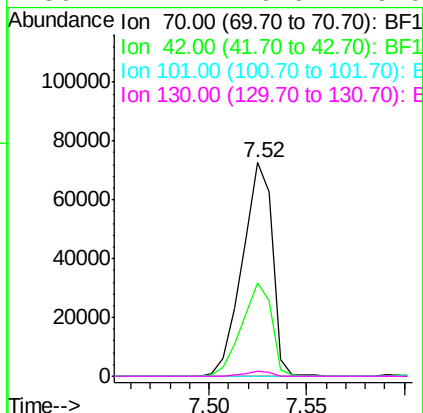
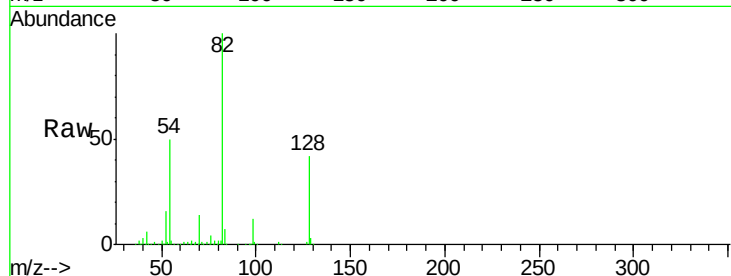




#19
n-Nitroso-di-n-propylamine
Concen: 15.434 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106603.D
Acq: 20 Jun 2018 00:43

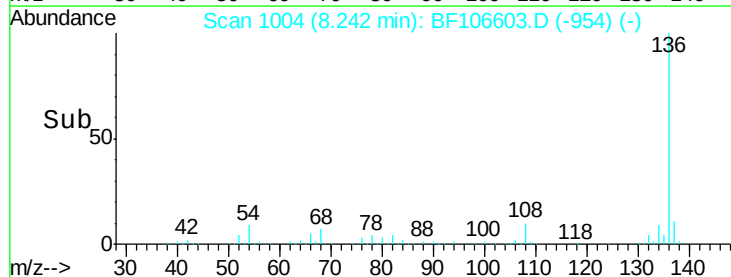
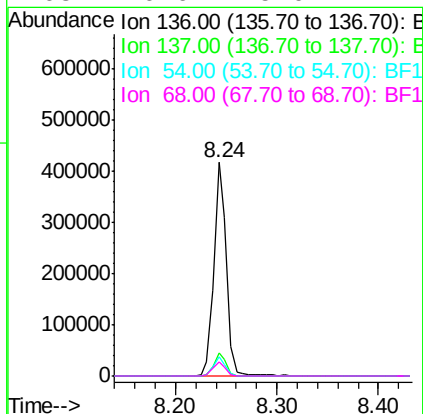
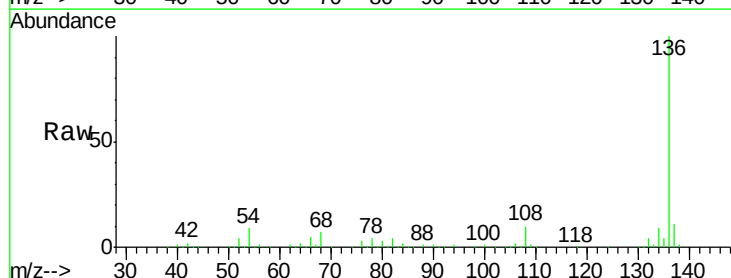
Instrument :
BNA_F
ClientSampled :
A-8(3.0)

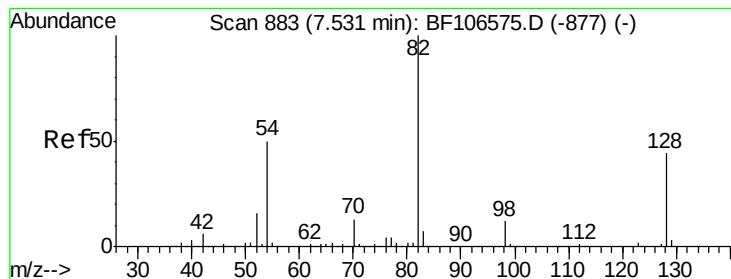
Tgt Ion: 70 Resp: 77269
Ion Ratio Lower Upper
70 100
42 43.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106603.D
Acq: 20 Jun 2018 00:43

Tgt Ion: 136 Resp: 358093
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.9 6.6 9.8
68 6.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 89.648 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106603.D

Acq: 20 Jun 2018 00:43

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)

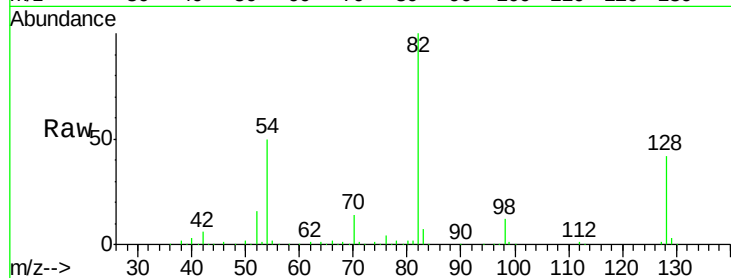
Tgt Ion: 82 Resp: 577653

Ion Ratio Lower Upper

82 100

128 41.9 36.1 54.1

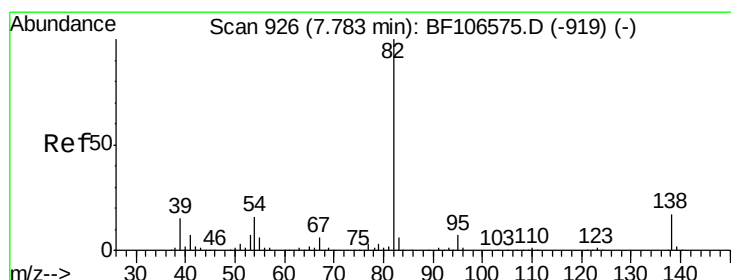
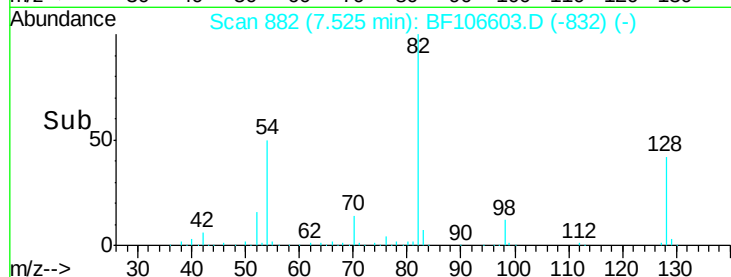
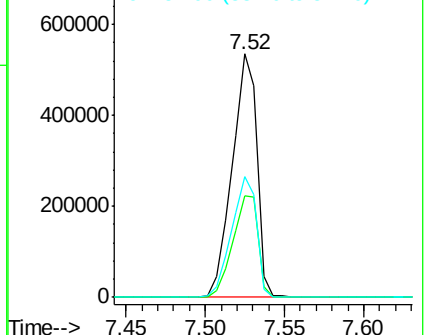
54 49.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 50.874 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106603.D

Acq: 20 Jun 2018 00:43

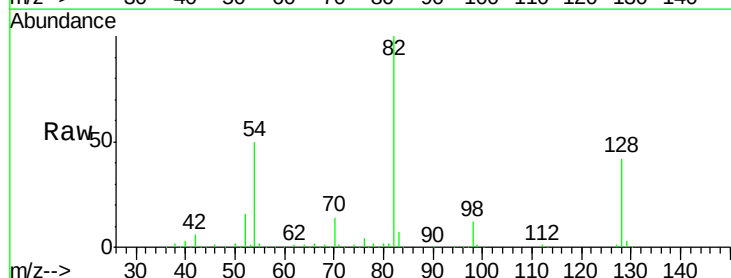
Tgt Ion: 82 Resp: 577646

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

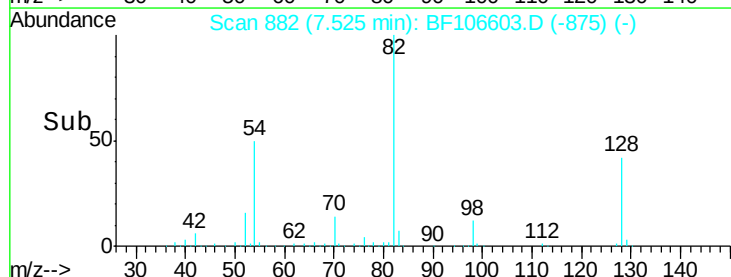
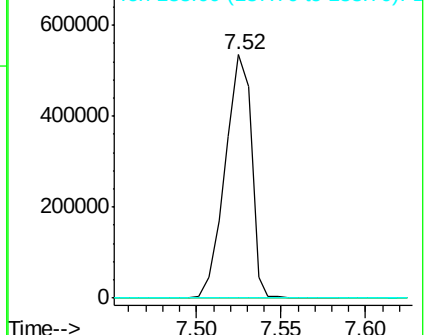
138 0.0 14.9 22.3#

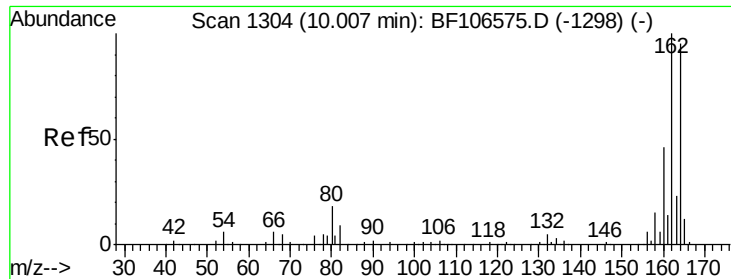


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1303

Delta R.T. -0.01 min

Lab File: BF106603.D

Acq: 20 Jun 2018 00:43

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)

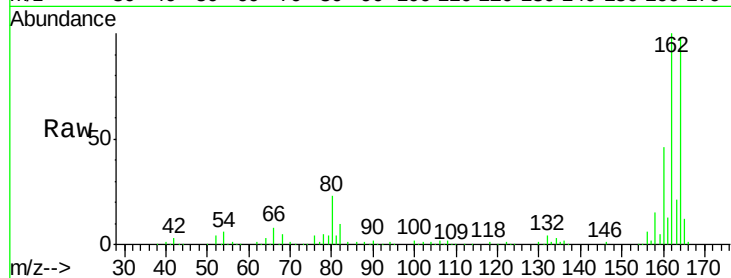
Tgt Ion:164 Resp: 139315

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

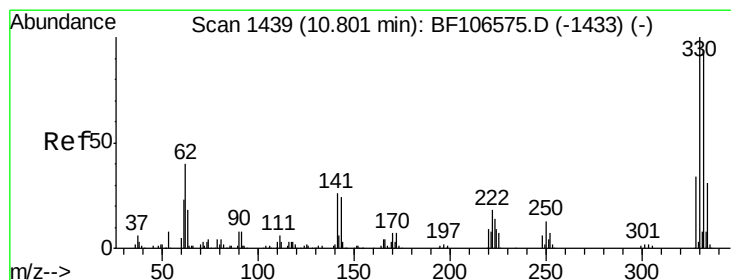
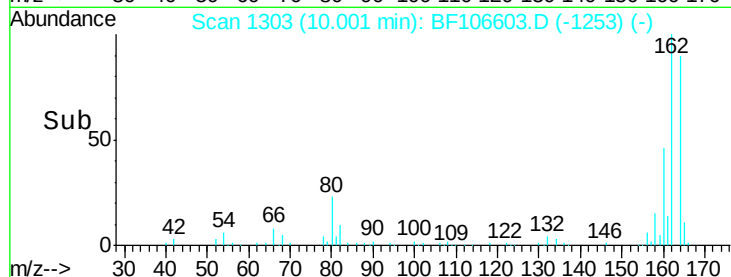
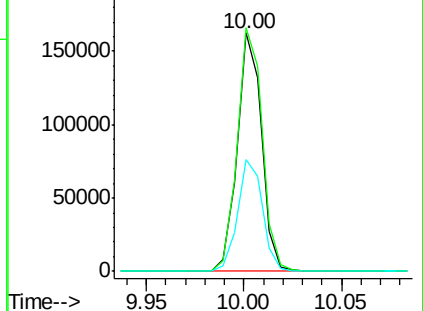
160 47.0 38.3 57.5



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: 110.787 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106603.D

Acq: 20 Jun 2018 00:43

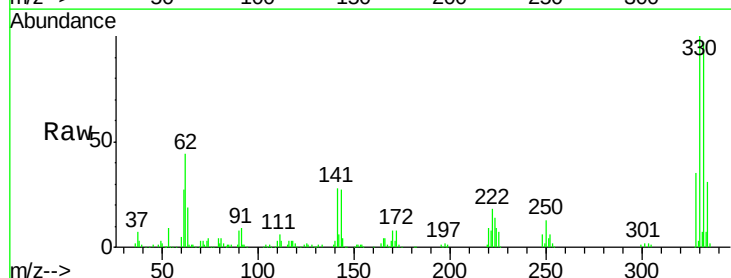
Tgt Ion:330 Resp: 178887

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

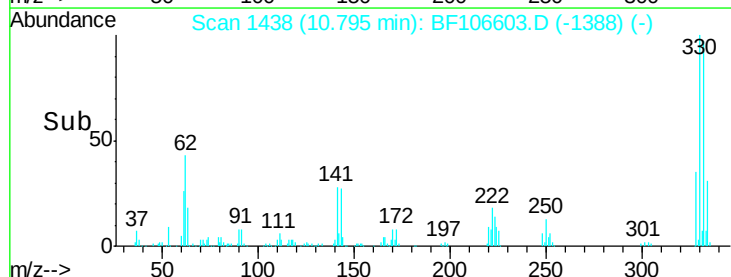
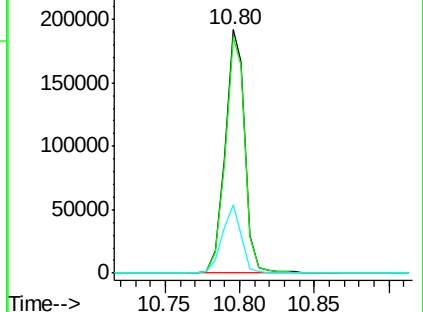
141 27.0 29.9 44.9#

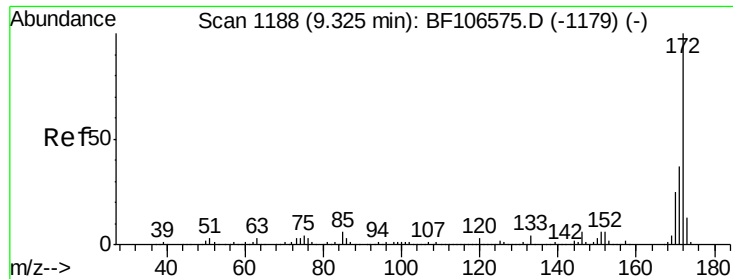


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

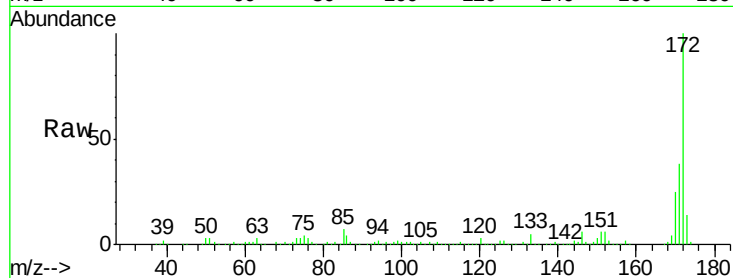




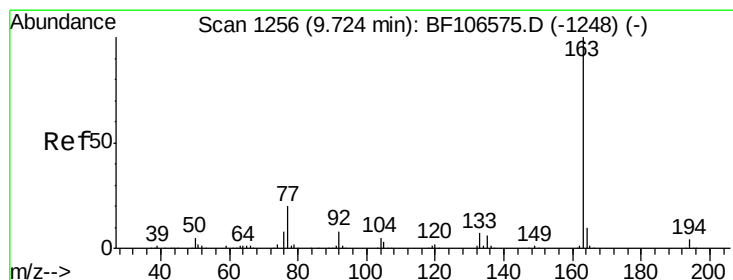
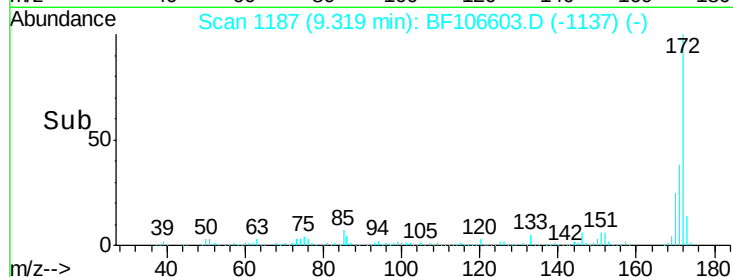
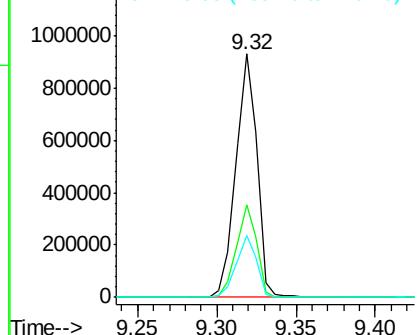
#44
 2-Fluorobiphenyl
 Concen: 108.915 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106603.D
 Acq: 20 Jun 2018 00:43

Instrument :
 BNA_F
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 A-8(3.0)

Tgt Ion:172 Resp: 862288
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.7 44.5
 170 25.3 19.6 29.4

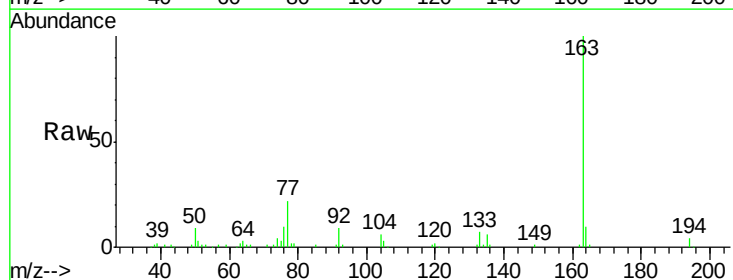


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

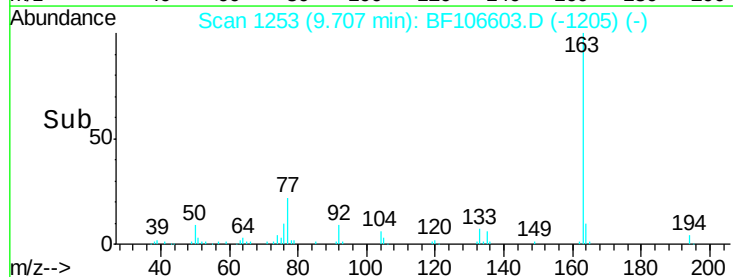
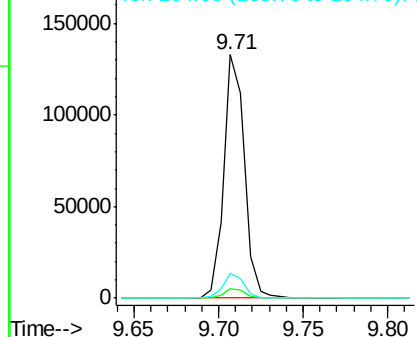


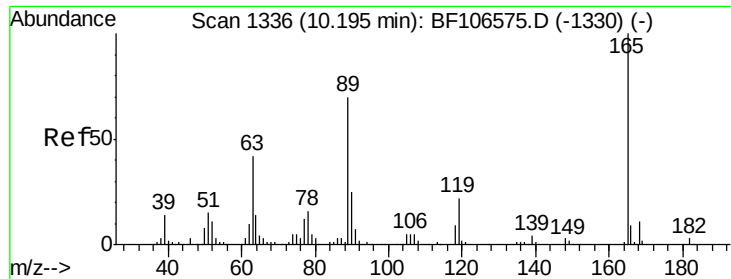
#49
 Dimethylphthalate
 Concen: 10.865 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106603.D
 Acq: 20 Jun 2018 00:43

Tgt Ion:163 Resp: 113523
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 10.1 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

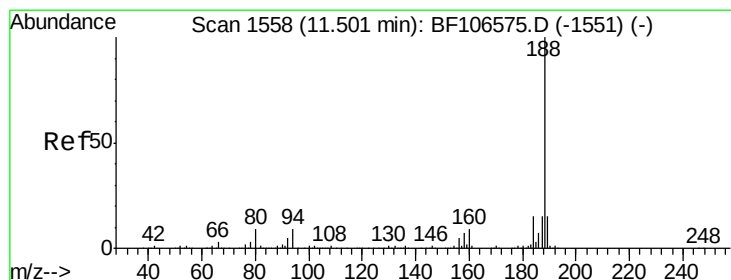
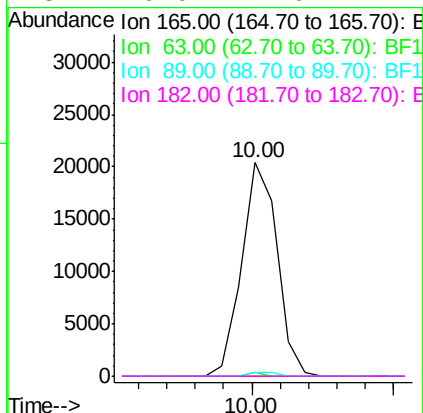
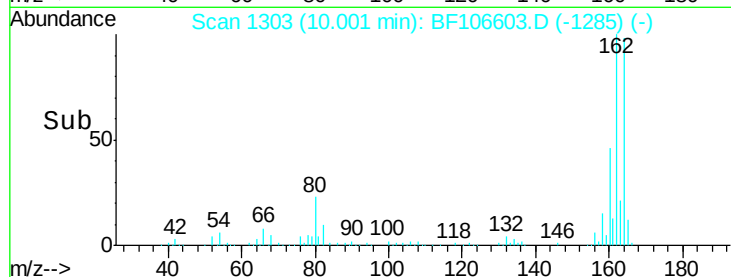
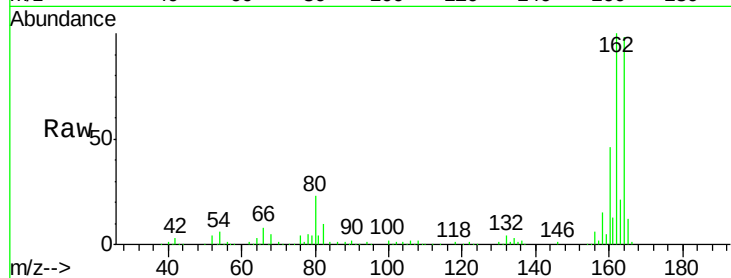




#56
2,4-Dinitrotoluene
Concen: 6.161 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106603.D
Acq: 20 Jun 2018 00:43

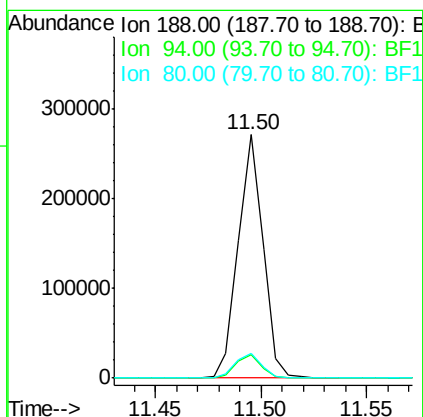
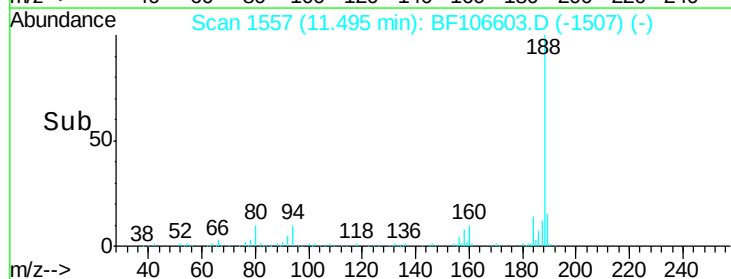
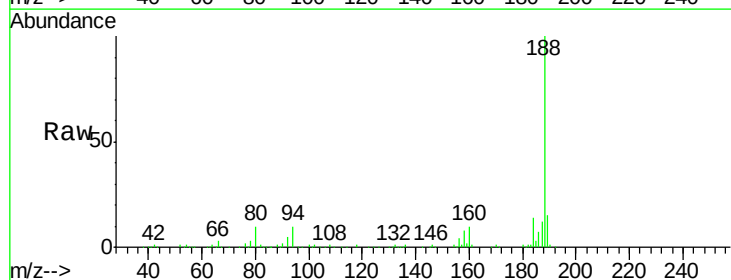
Instrument :
BNA_F
ClientSampleId :
A-8(3.0)

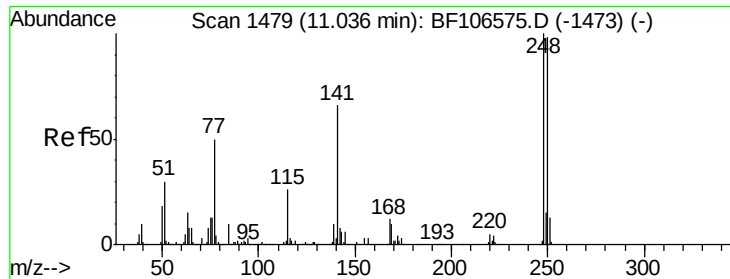
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106603.D
Acq: 20 Jun 2018 00:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.1	9.2	13.8

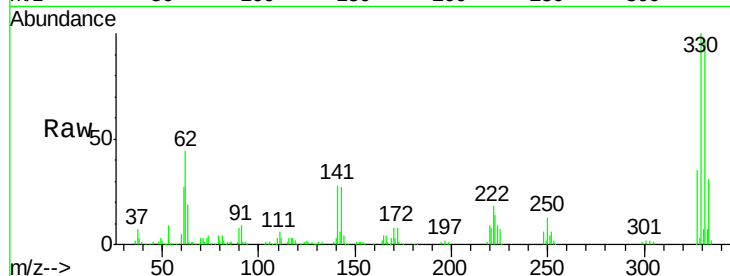




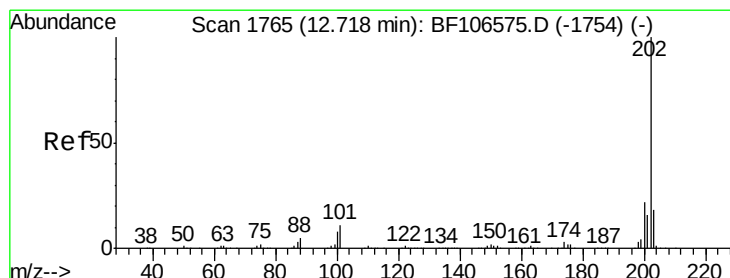
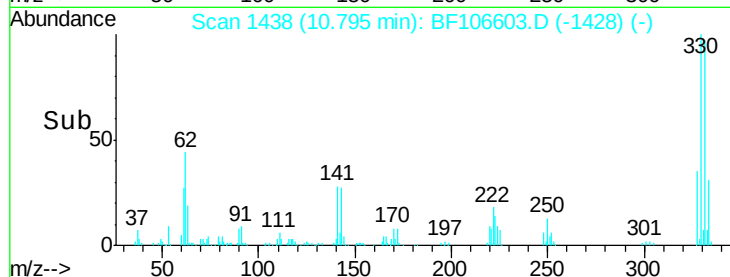
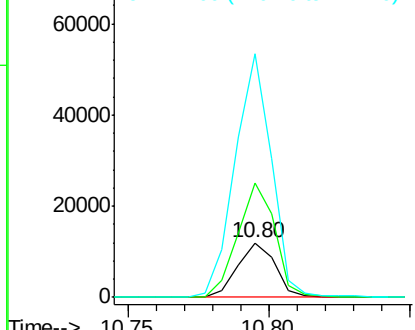
#66
 4-Bromophenyl-phenylether
 Concen: 4.209 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106603.D
 Acq: 20 Jun 2018 00:43

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)

Tgt Ion:248 Resp: 11107
 Ion Ratio Lower Upper
 248 100
 250 209.4 76.9 115.3#
 141 444.4 74.4 111.6#

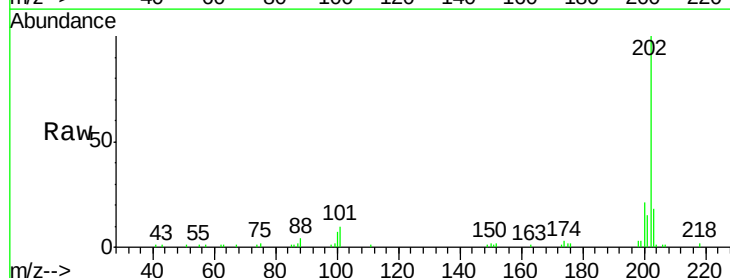


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

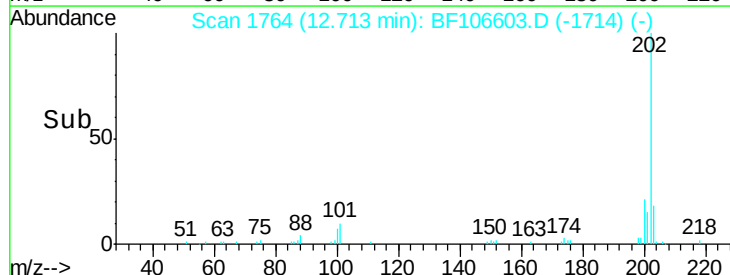
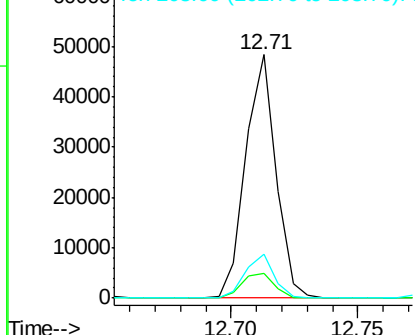


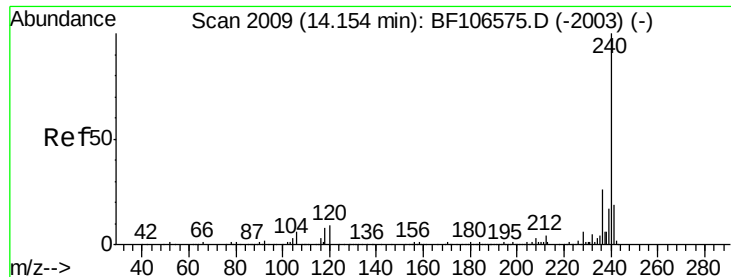
#74
 Fluoranthene
 Concen: 3.428 ng
 RT: 12.71 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF106603.D
 Acq: 20 Jun 2018 00:43

Tgt Ion:202 Resp: 40298
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 34.1
 203 18.0 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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106603.D

Acq: 20 Jun 2018 00:43

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)

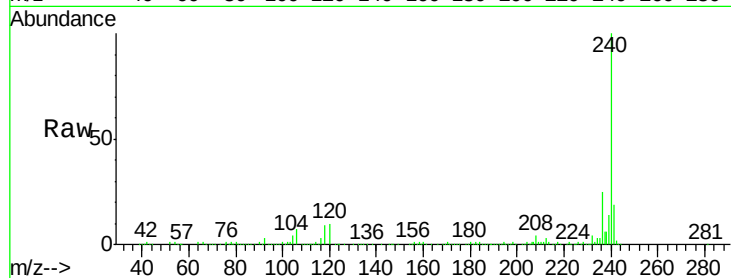
Tgt Ion:240 Resp: 259593

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

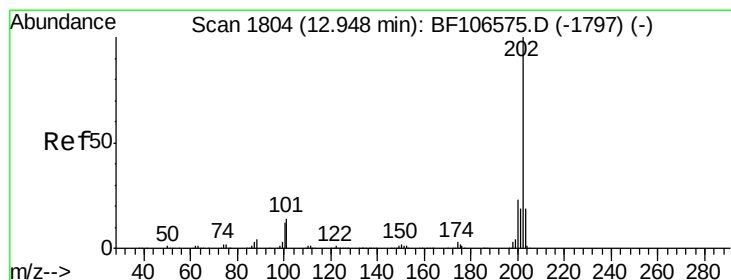
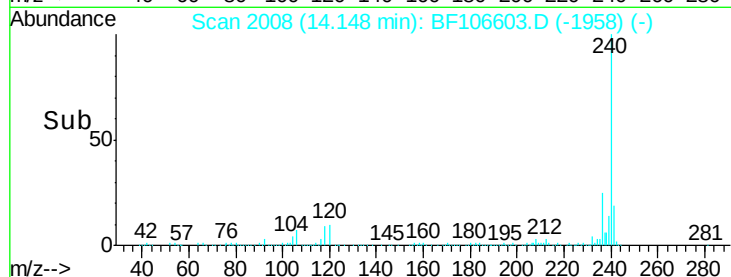
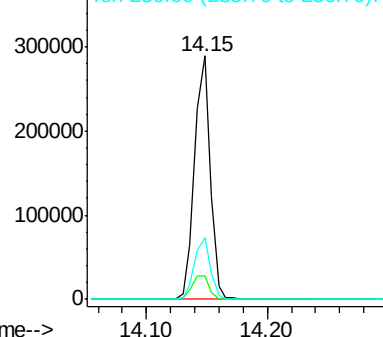
236 25.5 20.7 31.1



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: 2.304 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106603.D

Acq: 20 Jun 2018 00:43

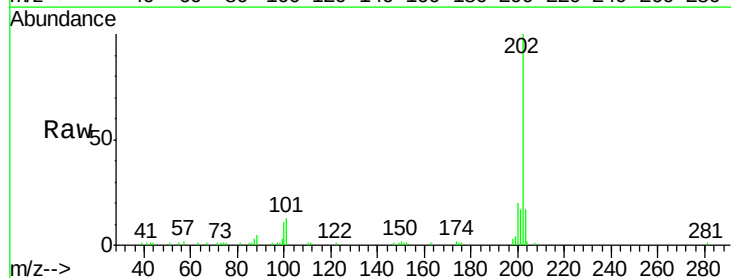
Tgt Ion:202 Resp: 39438

Ion Ratio Lower Upper

202 100

200 20.2 17.4 26.2

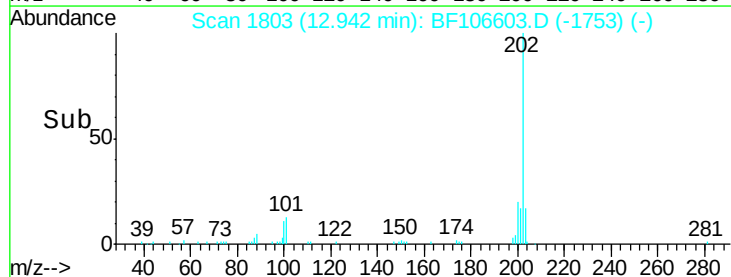
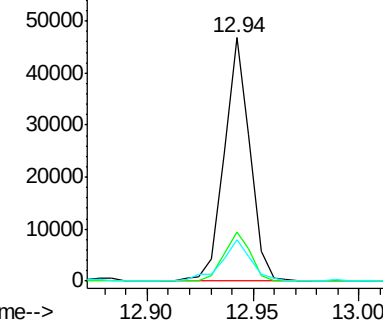
203 17.1 14.3 21.5

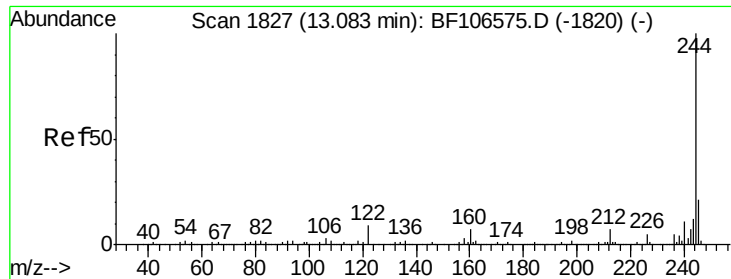


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 71.491 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106603.D

Acq: 20 Jun 2018 00:43

Instrument :

BNA_F

ClientSampled :

A-8(3.0)

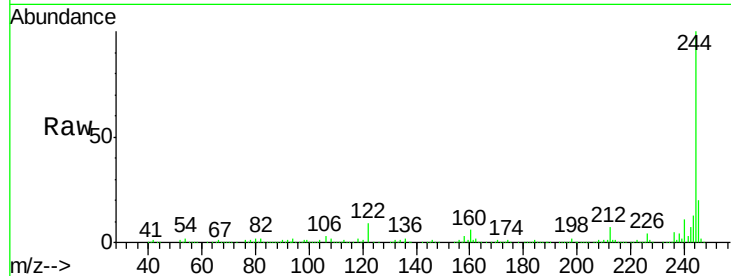
Tgt Ion:244 Resp: 766158

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

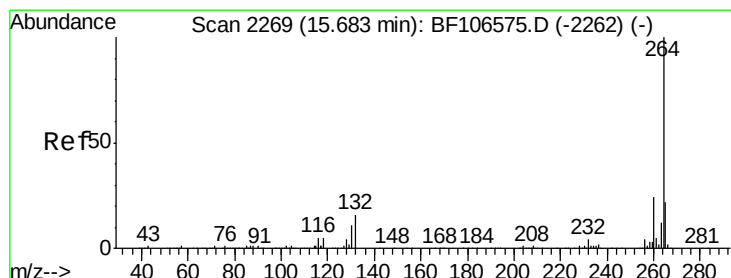
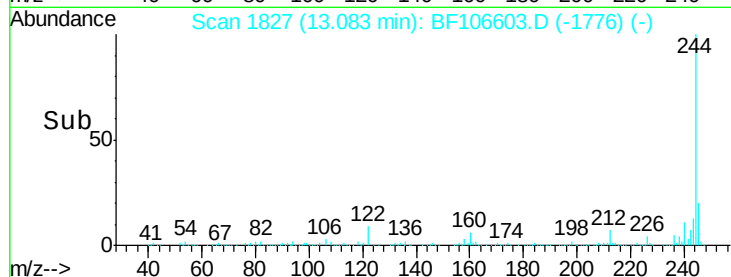
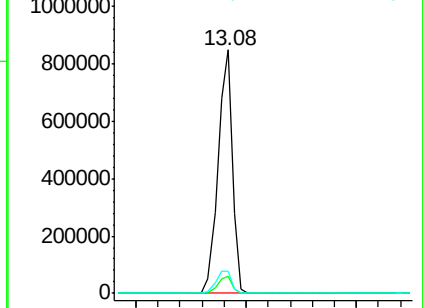
122 9.0 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF106603.D

Acq: 20 Jun 2018 00:43

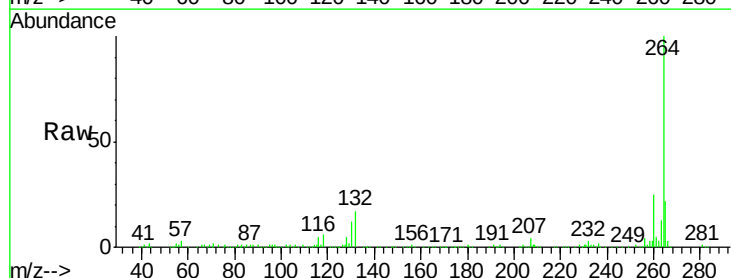
Tgt Ion:264 Resp: 198894

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

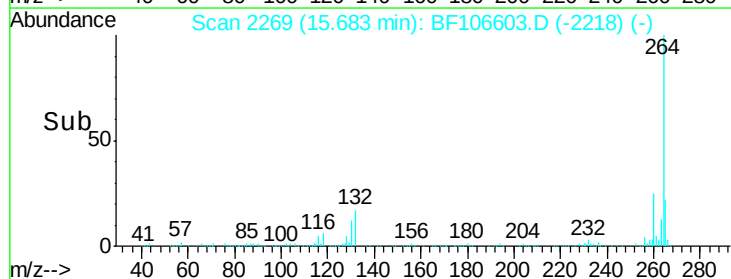
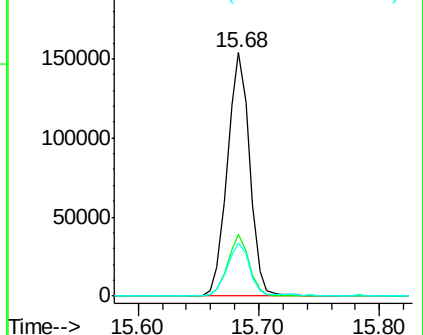
265 21.8 17.5 26.3

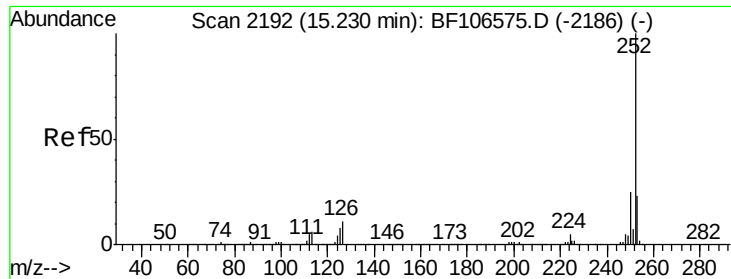


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

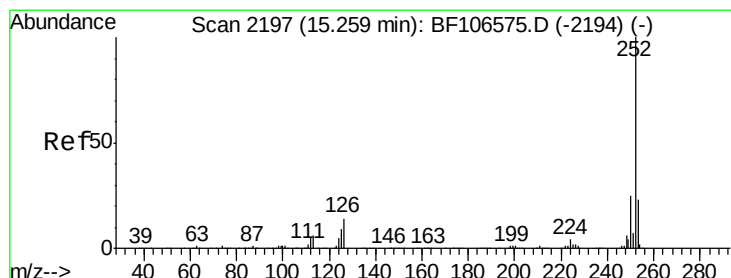
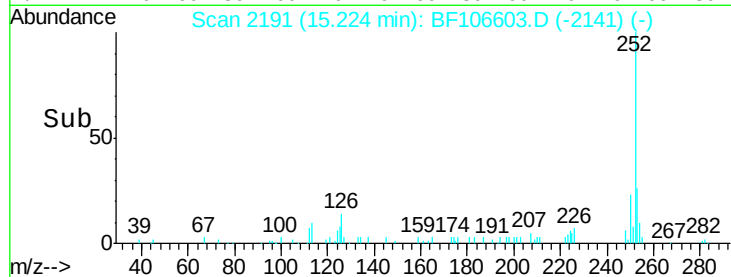
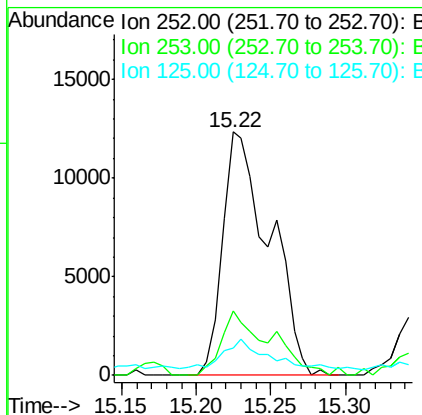
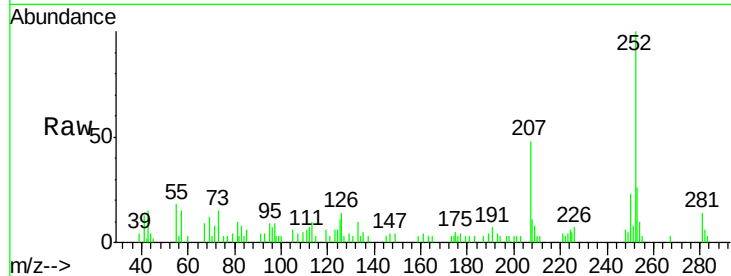




#87
Benzo(b)fluoranthene
Concen: 2.185 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106603.D
Acq: 20 Jun 2018 00:43

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.0	25.6#
125	11.3	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 2.294 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106603.D
Acq: 20 Jun 2018 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	11.3	10.2	15.2

