

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
 Data File : BF106880.D
 Acq On : 27 Jun 2018 18:54
 Operator : JU/SJ
 Sample : J3242-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-A

Quant Time: Jun 28 00:53:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

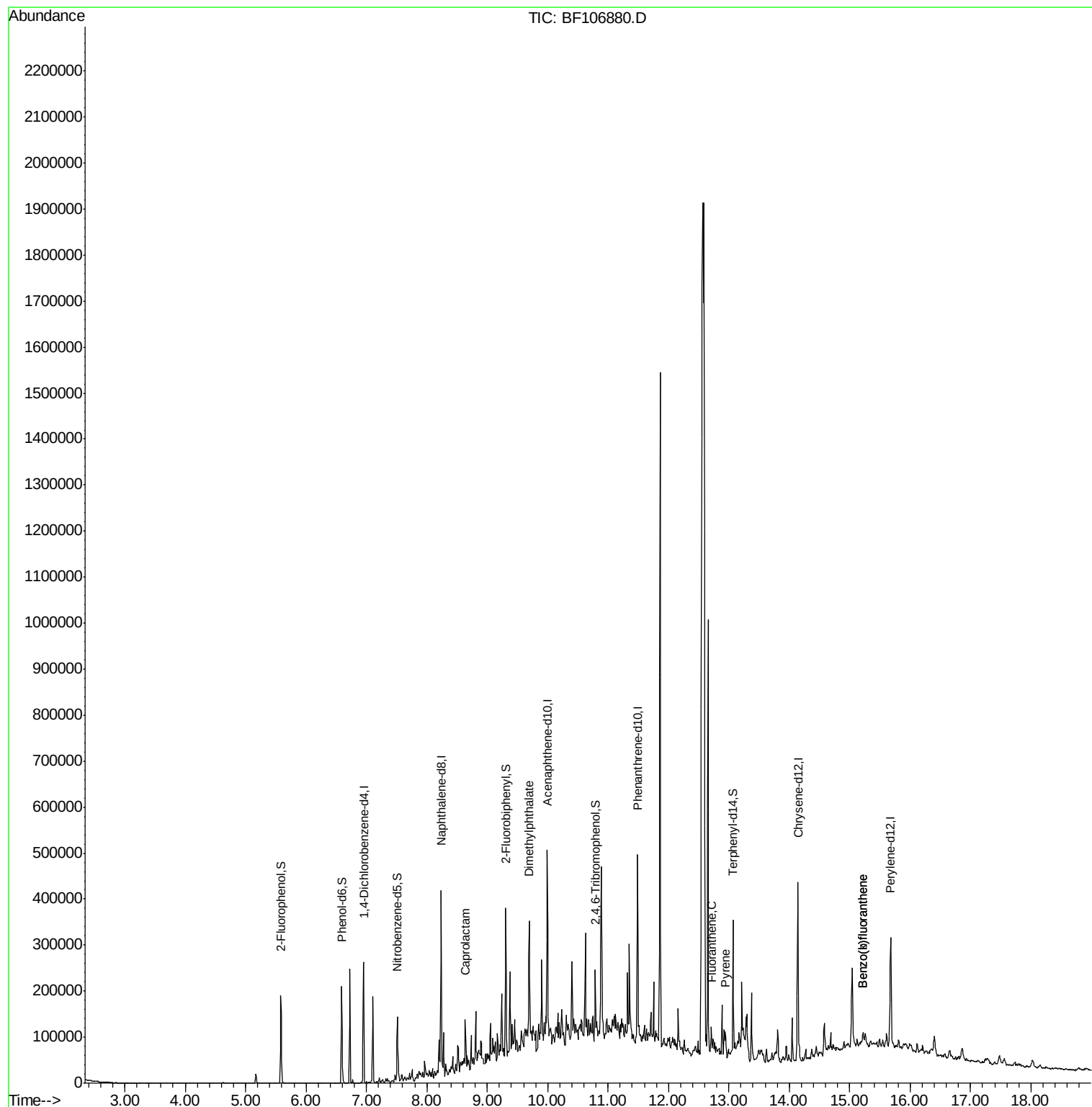
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	40732	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	161896	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	79734	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	140561	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	135593	20.00	ng	-0.02
86) Perylene-d12	15.68	264	123598	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	54109	22.49	ng	-0.02
7) Phenol-d6	6.59	99	71042	23.65	ng	-0.02
23) Nitrobenzene-d5	7.51	82	41920	14.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	19776	21.40	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	90134	5.30	ng	-0.02
78) Terphenyl-d14	13.07	244	91899	16.42	ng	-0.01
Target Compounds						
35) Caprolactam	8.64	113	1976	2.668	ng	# 8
49) Dimethylphthalate	9.70	163	19546	3.268	ng	# 93
74) Fluoranthene	12.71	202	19309	2.584	ng	94
77) Pyrene	12.94	202	20166	2.255	ng	99
87) Benzo(b)fluoranthene	15.22	252	18520	2.412	ng	# 82
88) Benzo(k)fluoranthene	15.22	252	18520	2.533	ng	# 85

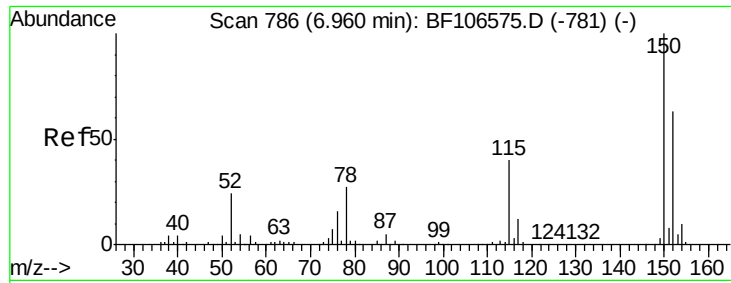
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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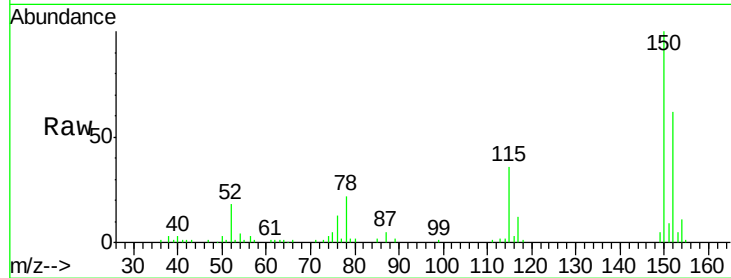




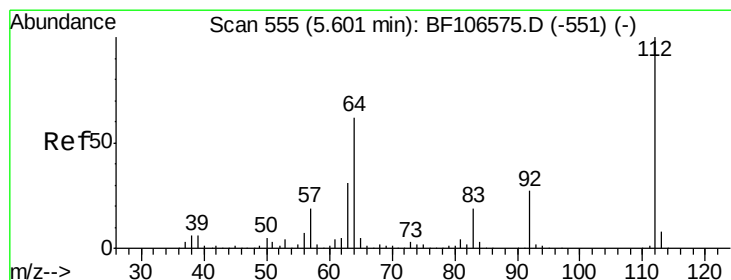
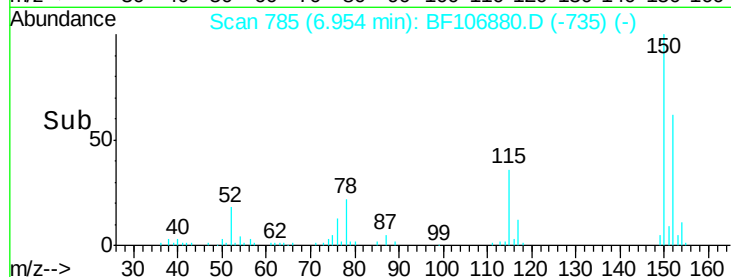
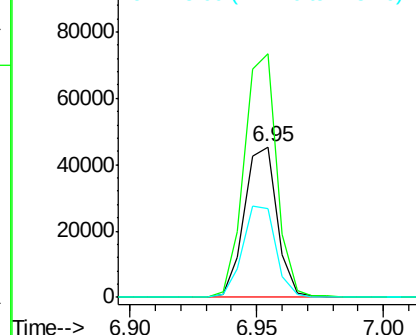
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106880.D
 Acq: 27 Jun 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-A

Tgt Ion:152 Resp: 40732
 Ion Ratio Lower Upper
 152 100
 150 161.5 124.6 186.8
 115 58.5 50.1 75.1

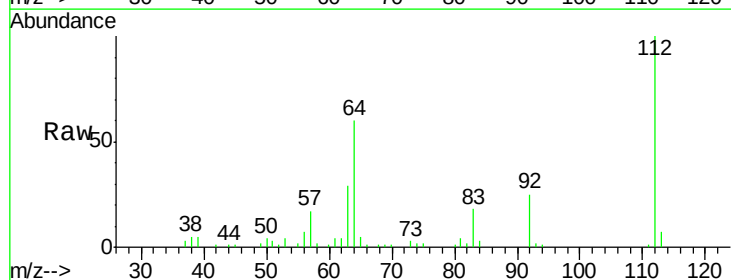


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

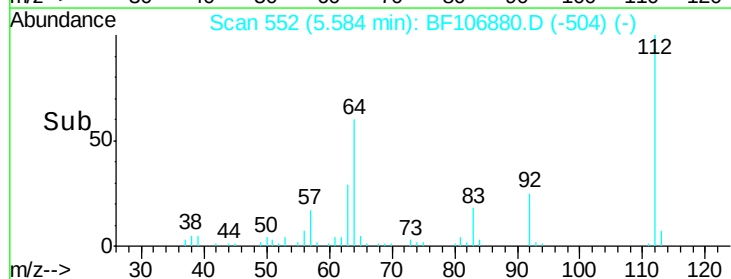
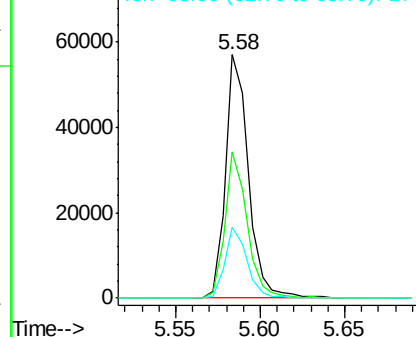


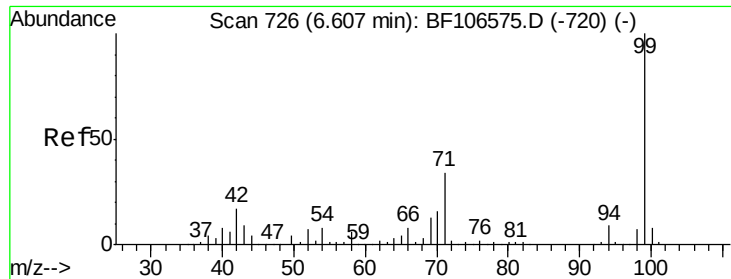
#5
 2-Fluorophenol
 Concen: 22.494 ng
 RT: 5.58 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF106880.D
 Acq: 27 Jun 2018 18:54

Tgt Ion:112 Resp: 54109
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 29.1 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: 23.650 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106880.D

Acq: 27 Jun 2018 18:54

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-A

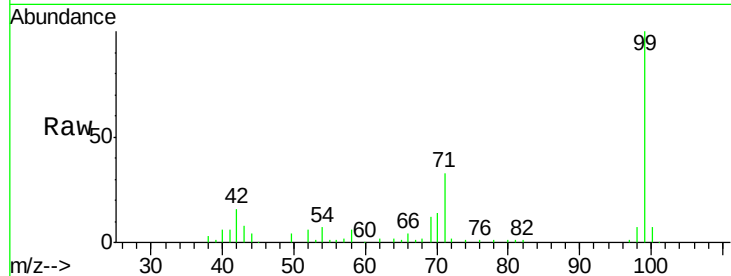
Tgt Ion: 99 Resp: 71042

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

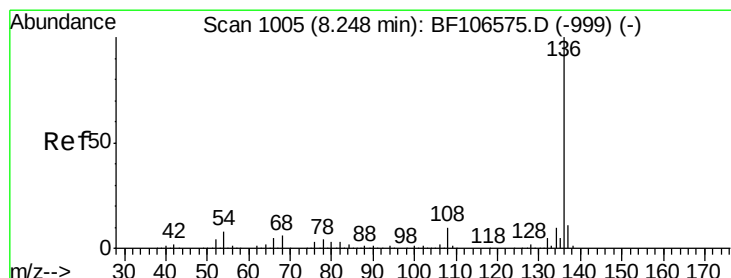
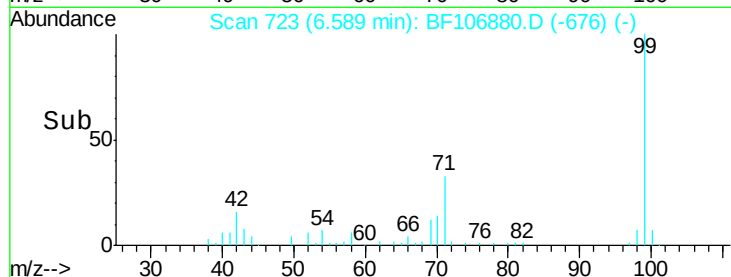
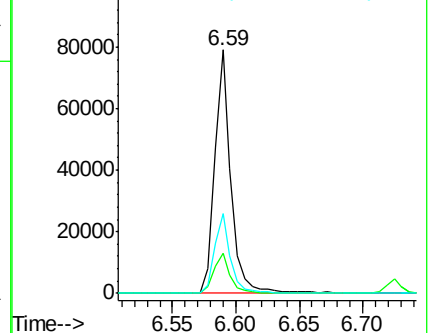
71 32.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106880.D

Acq: 27 Jun 2018 18:54

Tgt Ion: 136 Resp: 161896

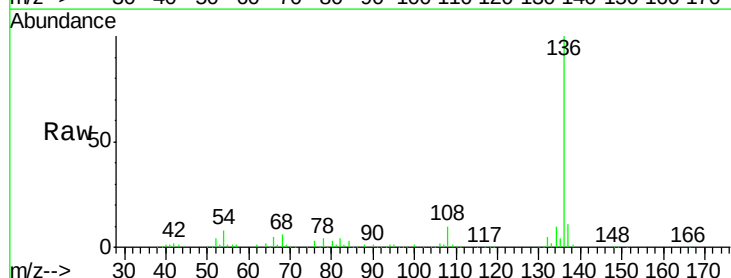
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.9 6.6 9.8

68 6.3 5.0 7.4

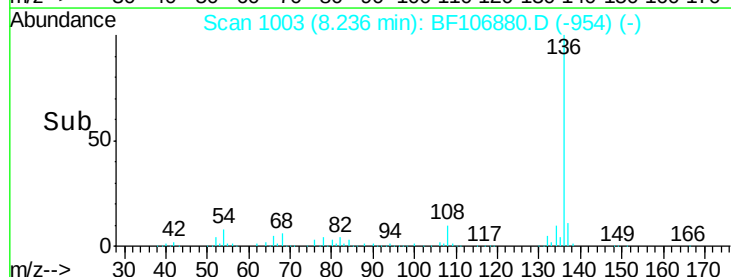
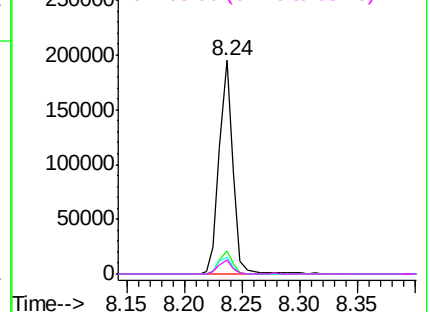


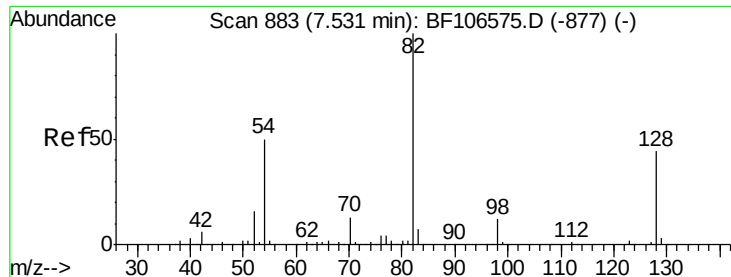
Abundance Ion 136.00 (135.70 to 136.70): E

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

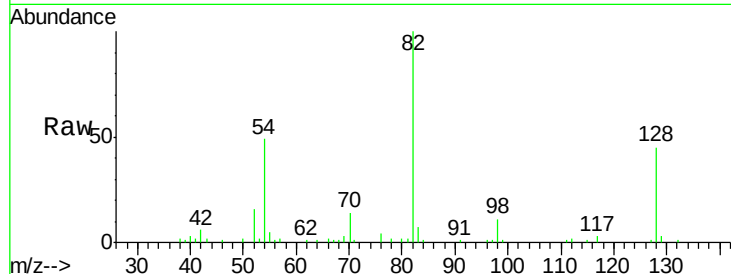




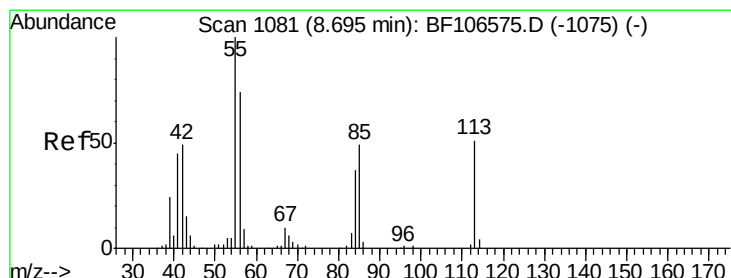
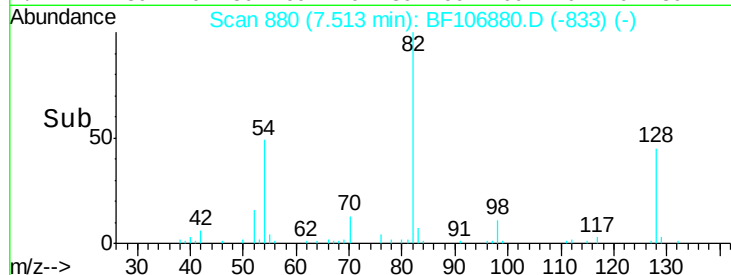
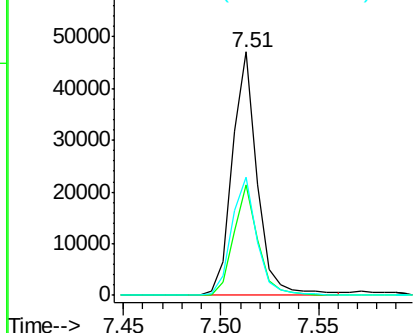
#23
 Nitrobenzene-d5
 Concen: 14.390 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF106880.D
 Acq: 27 Jun 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-A

Tgt Ion: 82 Resp: 41920
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 48.7 41.4 62.2

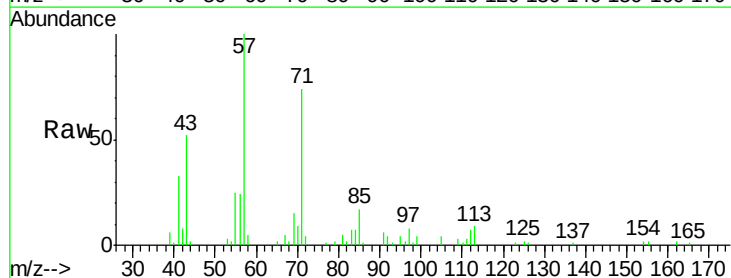


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

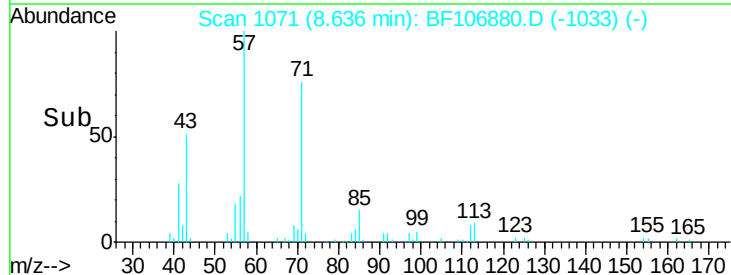
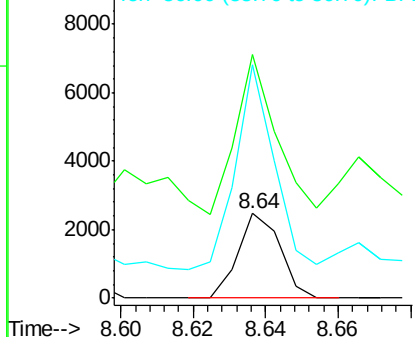


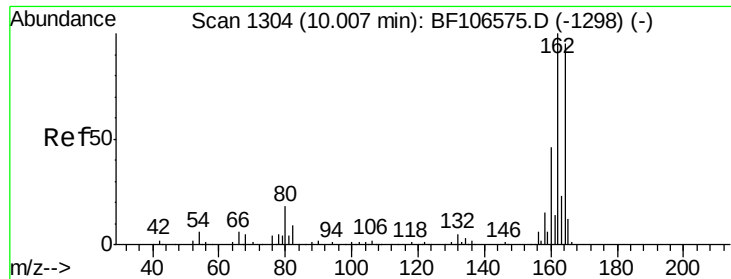
#35
 Caprolactam
 Concen: 2.668 ng
 RT: 8.64 min Scan# 1071
 Delta R.T. -0.08 min
 Lab File: BF106880.D
 Acq: 27 Jun 2018 18:54

Tgt Ion: 113 Resp: 1976
 Ion Ratio Lower Upper
 113 100
 55 288.4 163.3 203.3#
 56 276.6 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): BF1
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

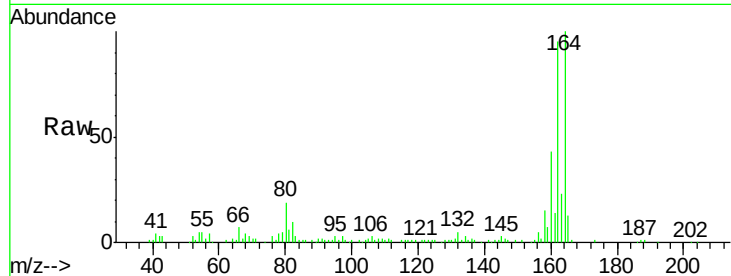




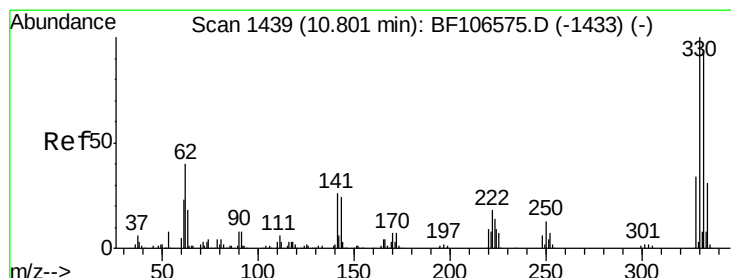
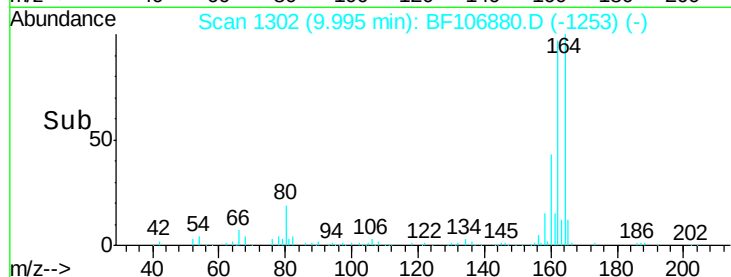
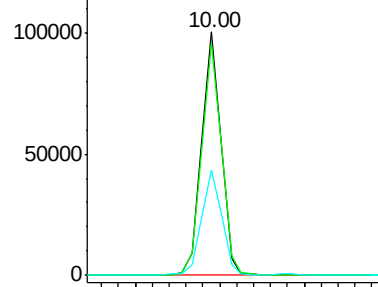
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106880.D
 Acq: 27 Jun 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-A

Tgt Ion:164 Resp: 79734
 Ion Ratio Lower Upper
 164 100
 162 95.4 86.1 129.1
 160 43.3 38.3 57.5

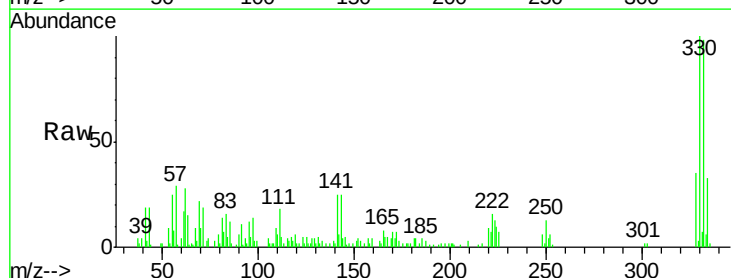


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

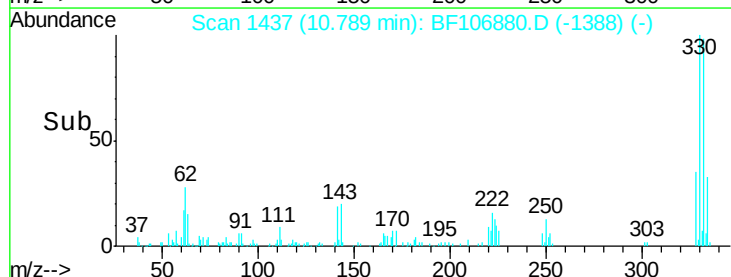
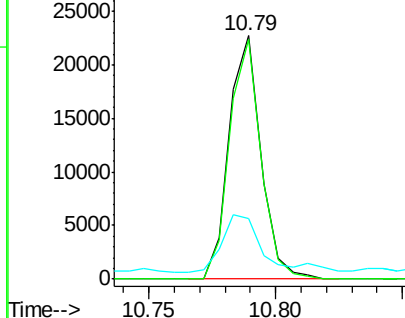


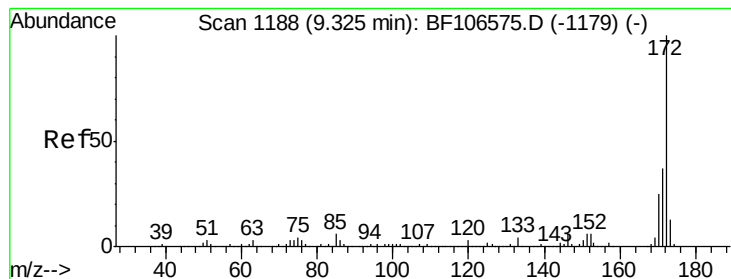
#41
 2,4,6-Tribromophenol
 Concen: 21.399 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106880.D
 Acq: 27 Jun 2018 18:54

Tgt Ion:330 Resp: 19776
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 30.3 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: 5.303 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF106880.D

Acq: 27 Jun 2018 18:54

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-A

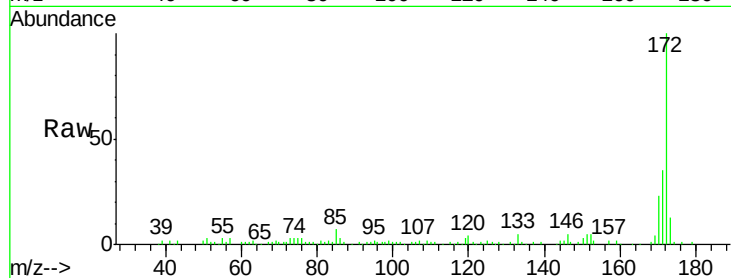
Tgt Ion:172 Resp: 90134

Ion Ratio Lower Upper

172 100

171 34.6 29.7 44.5

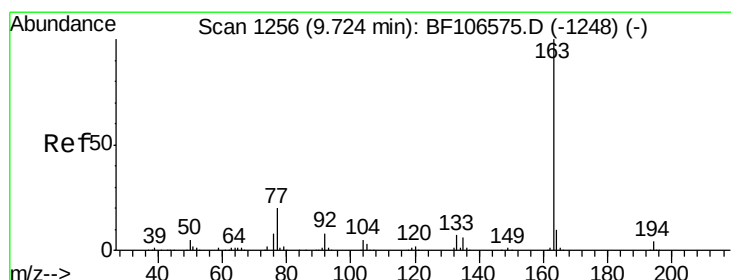
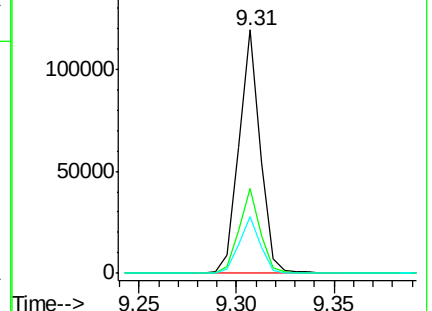
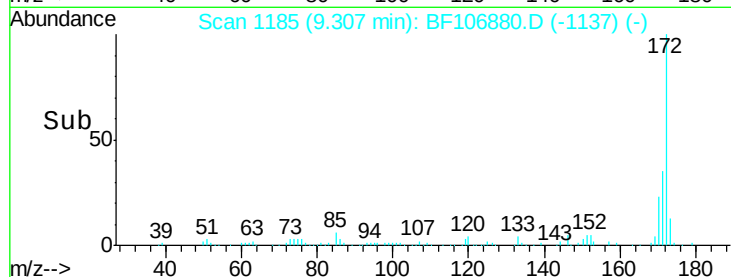
170 23.3 19.6 29.4



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: 3.268 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106880.D

Acq: 27 Jun 2018 18:54

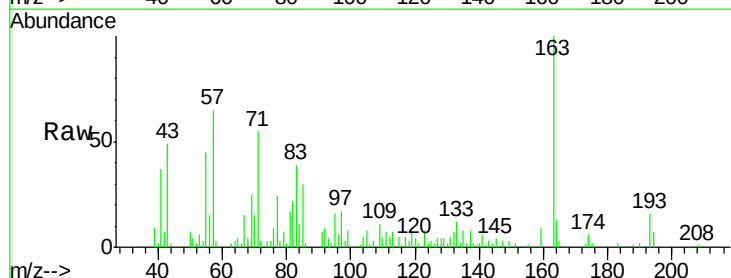
Tgt Ion:163 Resp: 19546

Ion Ratio Lower Upper

163 100

194 6.7 2.7 4.1#

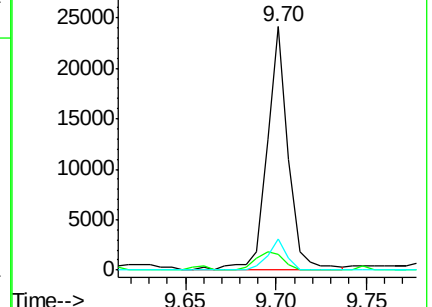
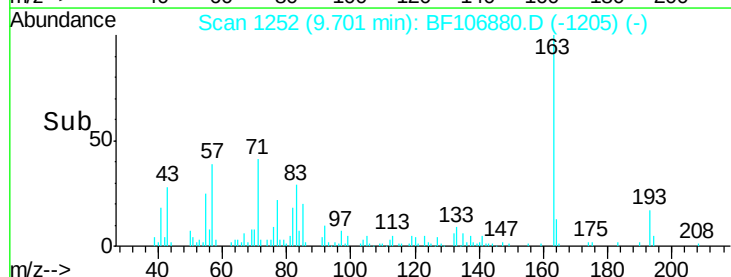
164 12.6 8.2 12.2#

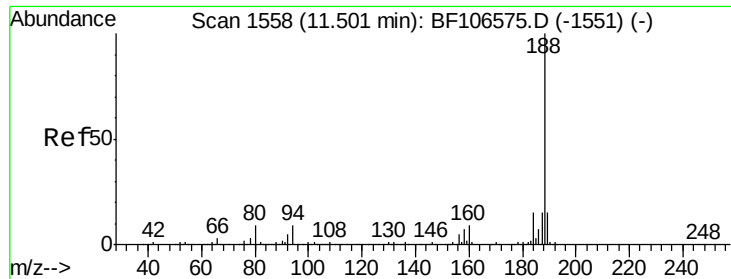


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

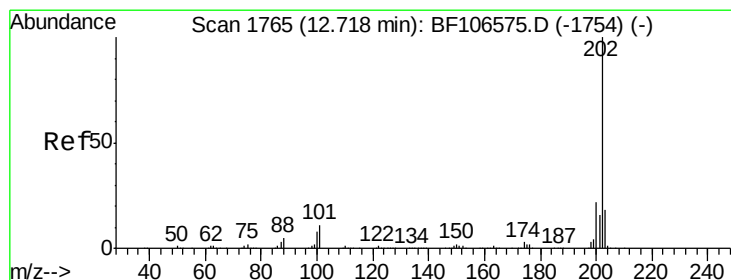
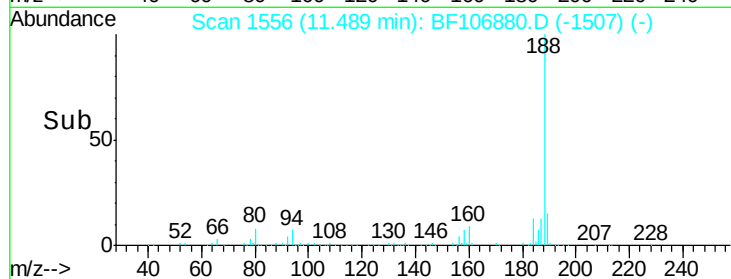
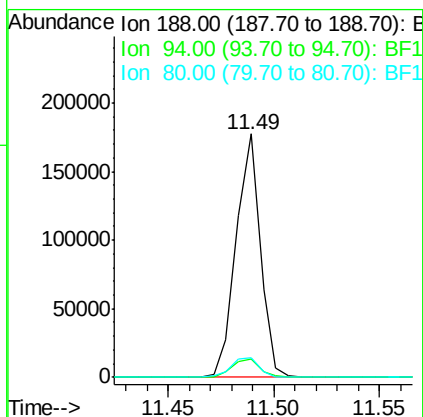
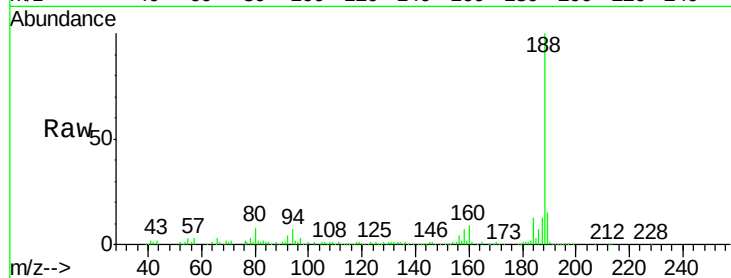




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

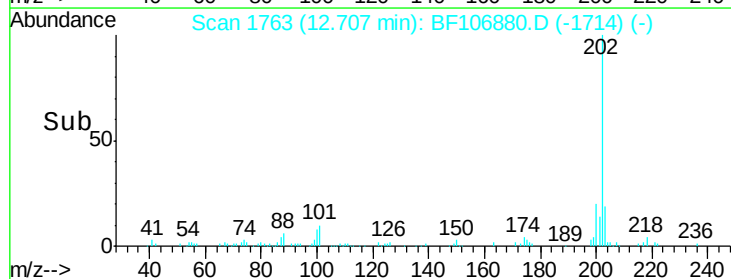
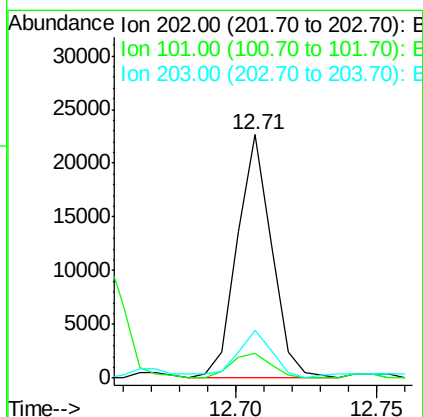
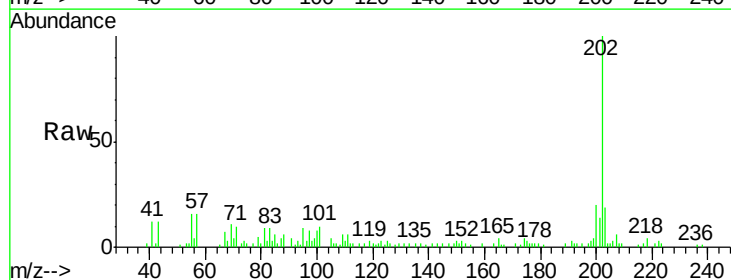
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JC-02-062618-A

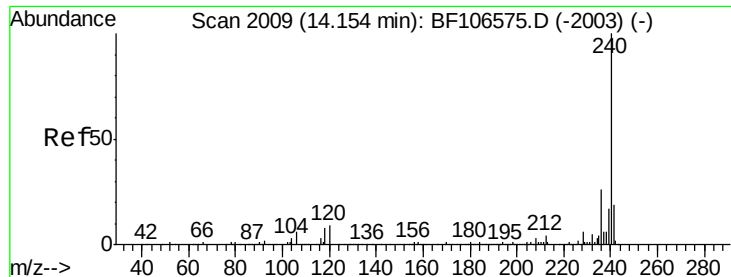
Tgt Ion:188 Resp: 140561
Ion Ratio Lower Upper
188 100
94 7.3 8.5 12.7#
80 8.0 9.2 13.8#



#74
Fluoranthene
Concen: 2.584 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

Tgt Ion:202 Resp: 19309
Ion Ratio Lower Upper
202 100
101 9.9 0.0 34.1
203 19.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106880.D

Acq: 27 Jun 2018 18:54

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-A

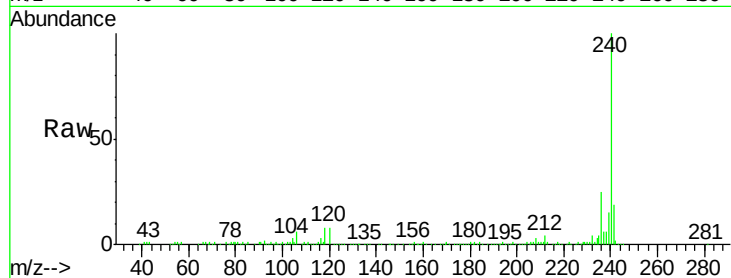
Tgt Ion:240 Resp: 135593

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

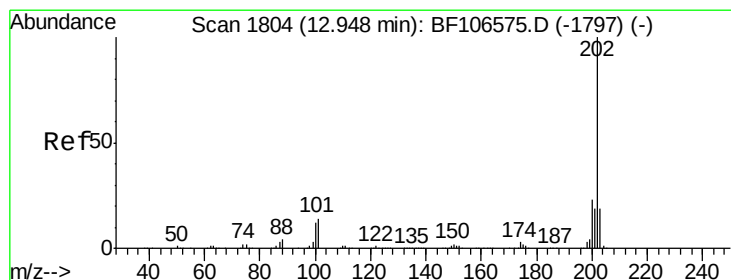
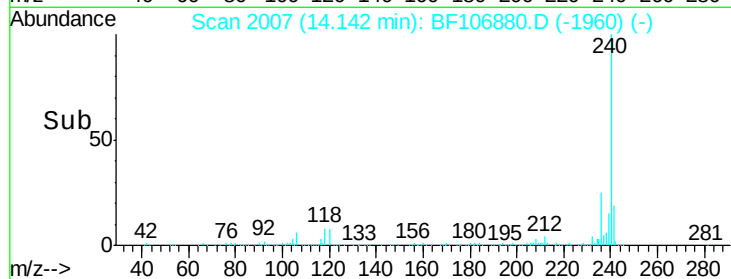
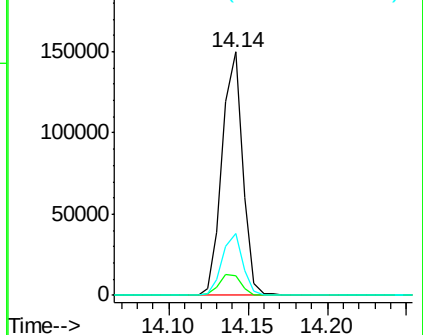
236 25.2 20.7 31.1



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: 2.255 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106880.D

Acq: 27 Jun 2018 18:54

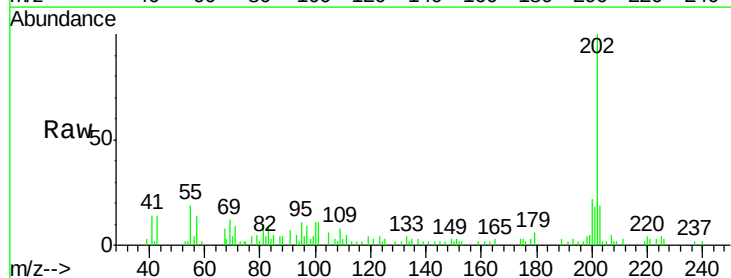
Tgt Ion:202 Resp: 20166

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

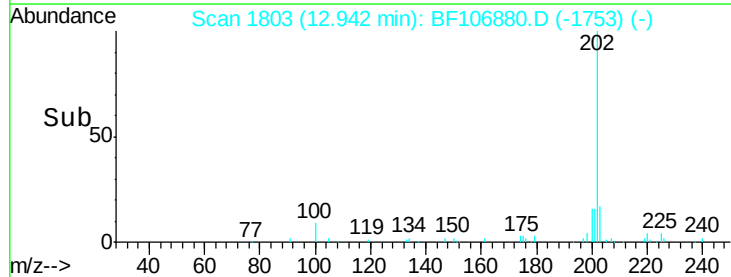
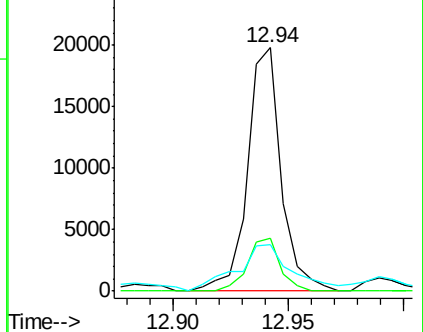
203 19.1 14.3 21.5

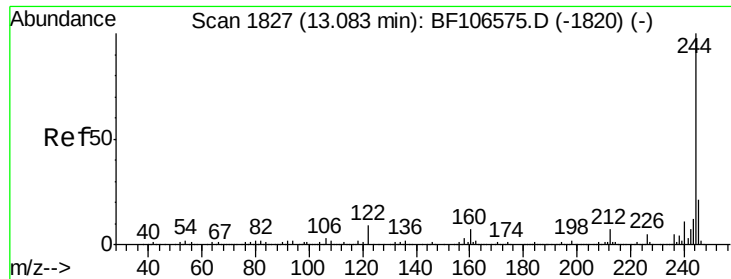


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 16.417 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106880.D

Acq: 27 Jun 2018 18:54

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-A

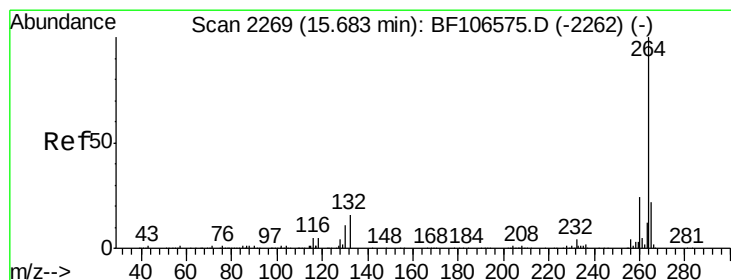
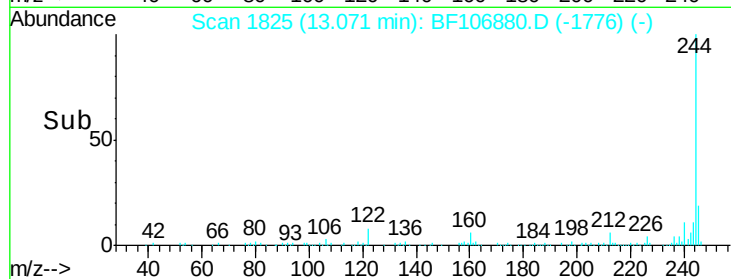
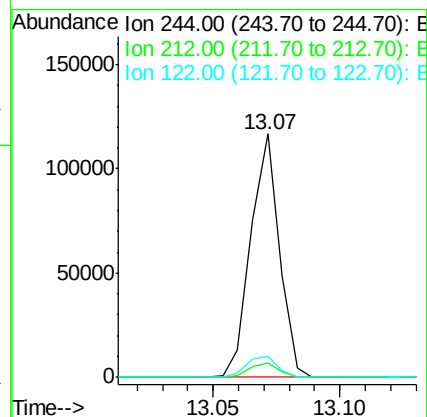
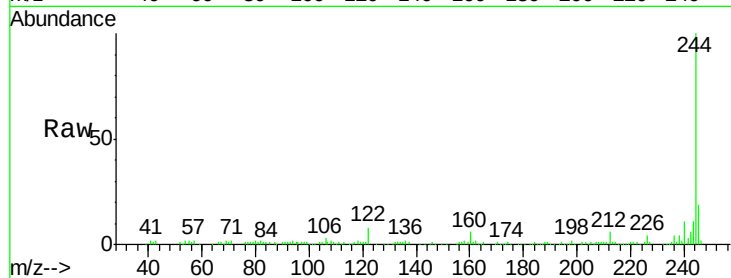
Tgt Ion:244 Resp: 91899

Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.0

122 8.5 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF106880.D

Acq: 27 Jun 2018 18:54

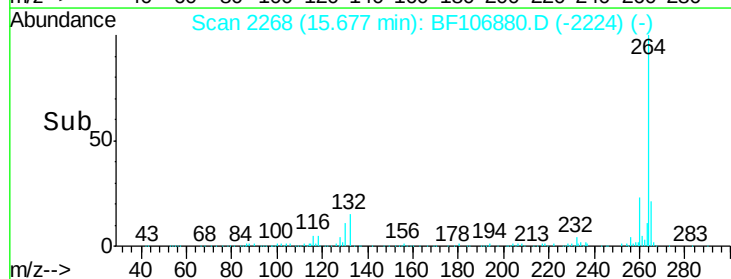
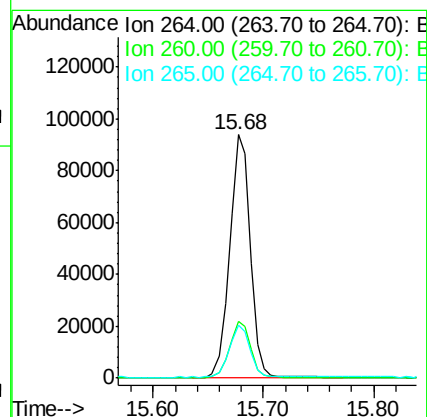
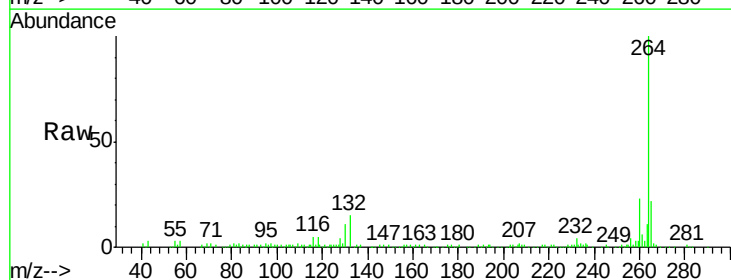
Tgt Ion:264 Resp: 123598

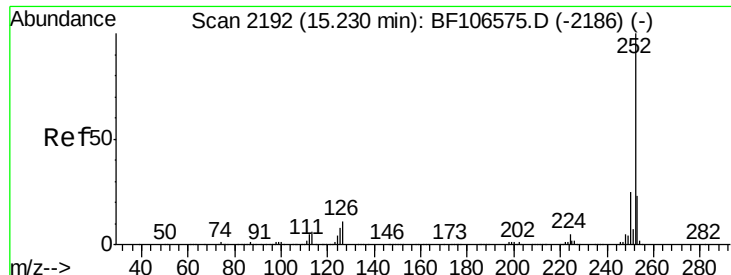
Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.8 17.5 26.3

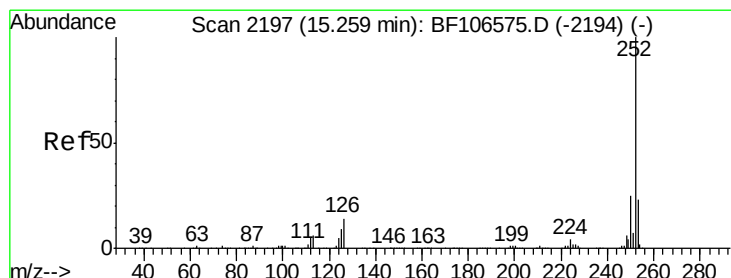
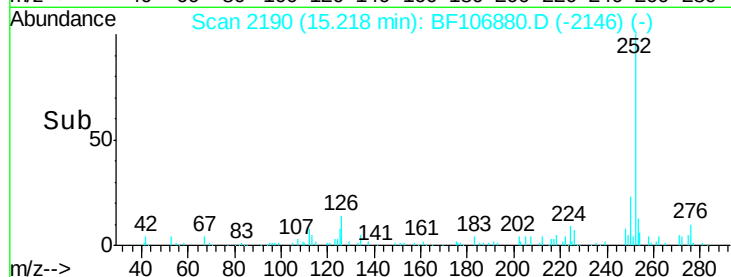
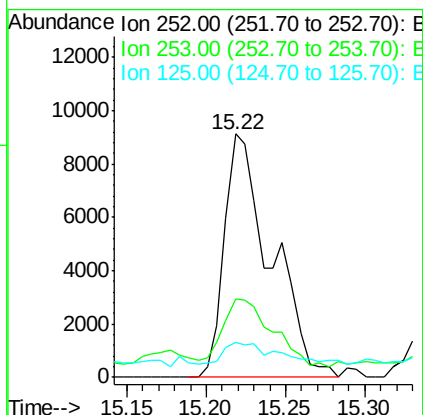
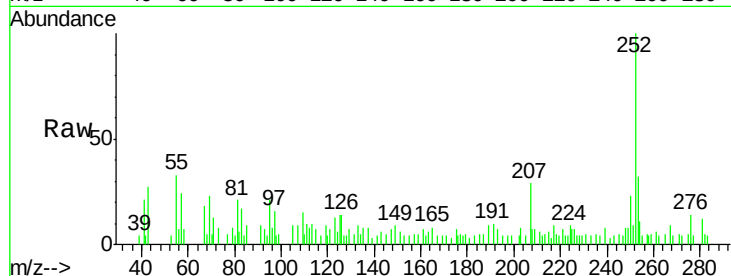




#87
Benzo(b)fluoranthene
Concen: 2.412 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-A

Tgt Ion:252 Resp: 18520
Ion Ratio Lower Upper
252 100
253 32.5 17.0 25.6#
125 14.2 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.533 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

Tgt Ion:252 Resp: 18520
Ion Ratio Lower Upper
252 100
253 32.5 17.9 26.9#
125 14.2 10.2 15.2

