

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111706.D
 Acq On : 26 Dec 2018 10:38
 Operator : JU/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Dec 26 17:37:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.90
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.18
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.93
64) Phenanthrene-d10	11.68	188	786	20.00	ng	0.26
76) Chrysene-d12	0.00	240	0	0.00	ng	-14.05
87) Perylene-d12	15.54	264	1797	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.45	82	113	0.00	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	13.00	244	1718	0.00	ng	0.00

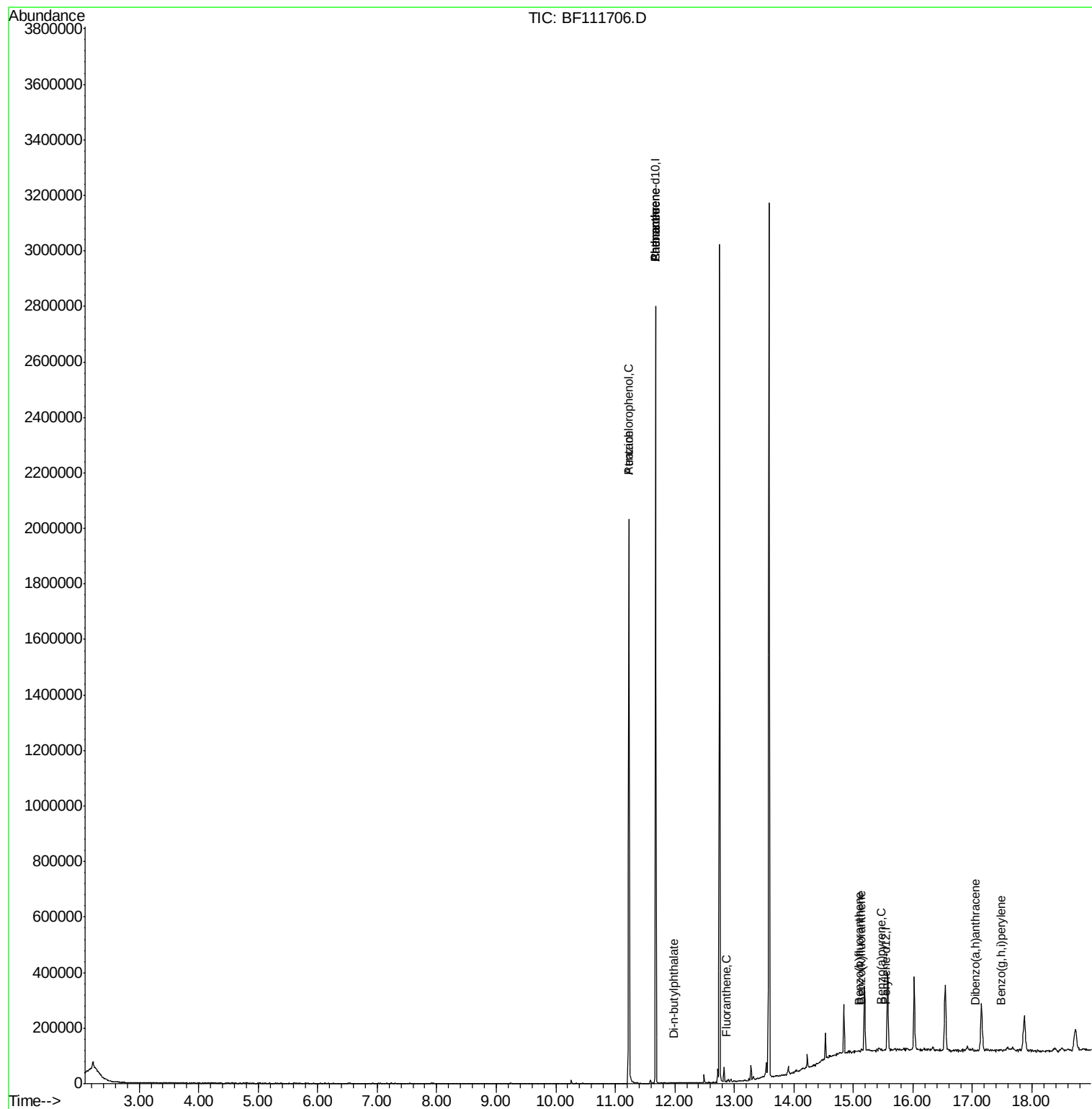
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	11.23	200	41179	4492.540	ng	# 36
70) Pentachlorophenol	11.23	266	222335	33086.112	ng	# 96
71) Phenanthrene	11.68	178	680	16.313	ng	# 1
72) Anthracene	11.68	178	680	16.252	ng	# 1
73) Carbazole	11.68	167	10419	256.490	ng	# 79
74) Di-n-butylphthalate	11.98	149	639	14.030	ng	# 75
75) Fluoranthene	12.86	202	251	5.946	ng	# 62
88) Benzo(b)fluoranthene	15.10	252	2249	21.414	ng	# 60
89) Benzo(k)fluoranthene	15.13	252	1221	12.212	ng	# 12
90) Benzo(a)pyrene	15.47	252	1645	17.241	ng	# 40
91) Dibenzo(a,h)anthracene	17.05	278	312	3.734	ng	# 1
92) Benzo(a,h,i)perylene	17.48	276	548	6.717	ng	# 20

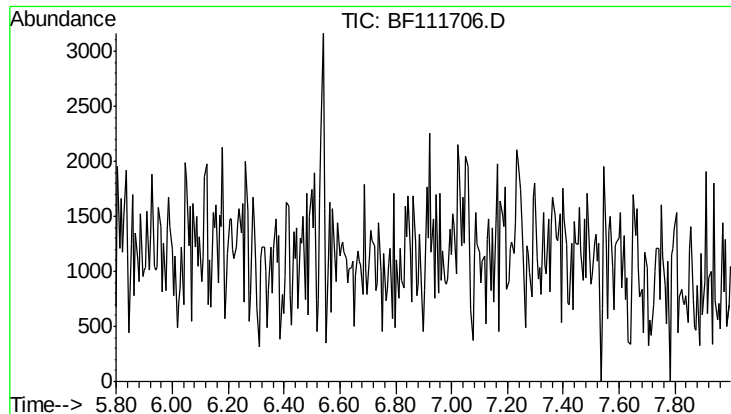
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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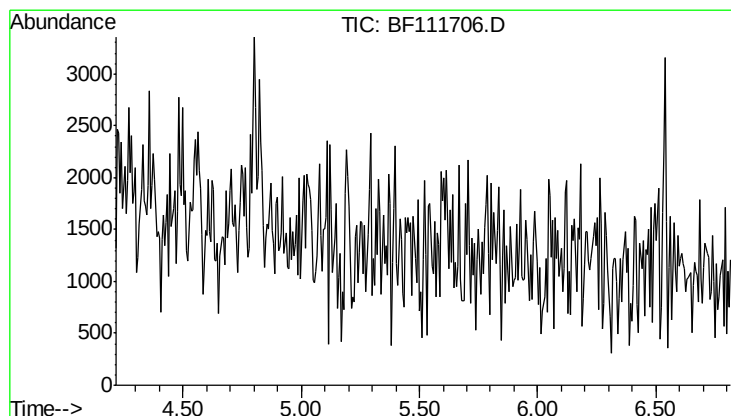
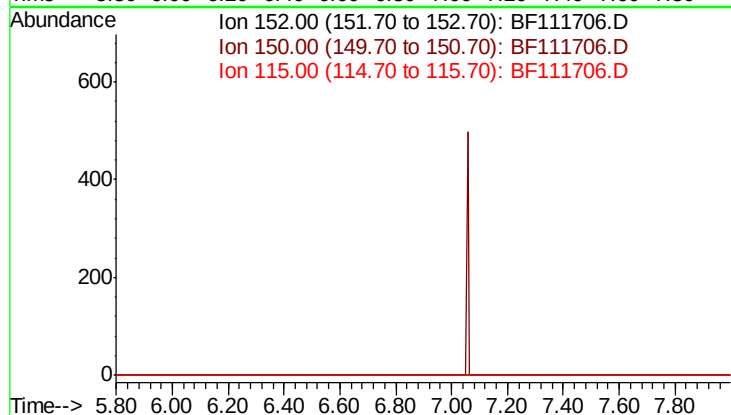




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.90 min
 Lab File: BF111706.D
 Acq: 26 Dec 2018 10:38

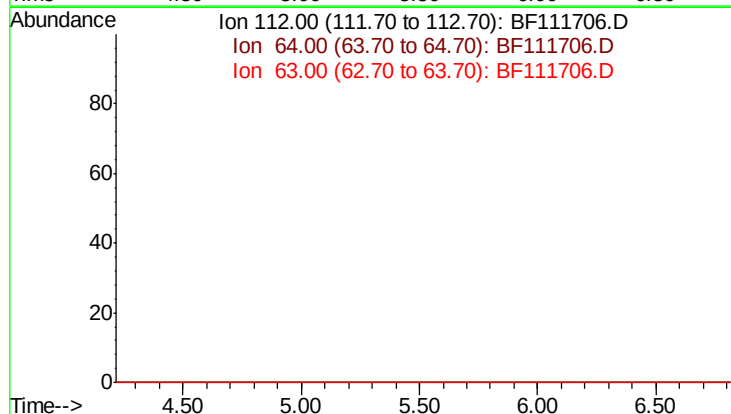
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

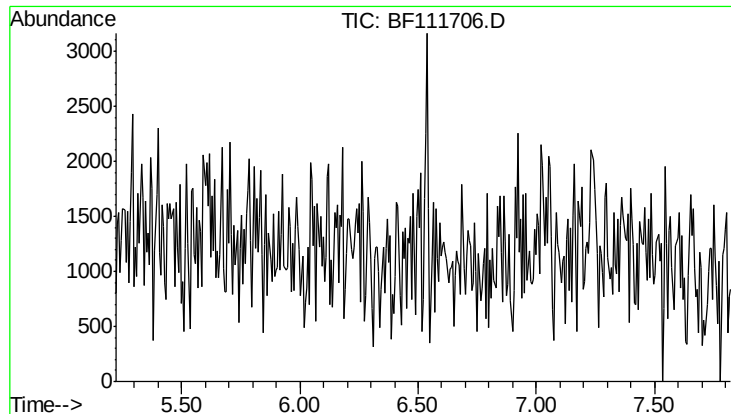
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 158.2
 115 63.4



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.52 min
 Lab File: BF111706.D
 Acq: 26 Dec 2018 10:38

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 64.7
 63 33.5





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.52 min

Lab File: BF111706.D

Acq: 26 Dec 2018 10:38

Instrument :

BNA_F

ClientSampleId :

DFTPP

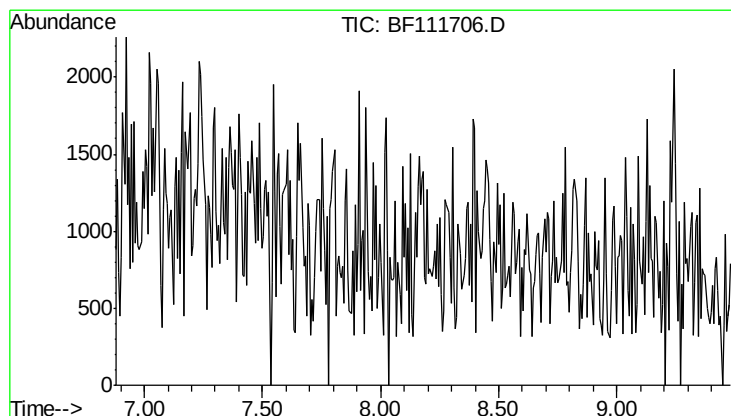
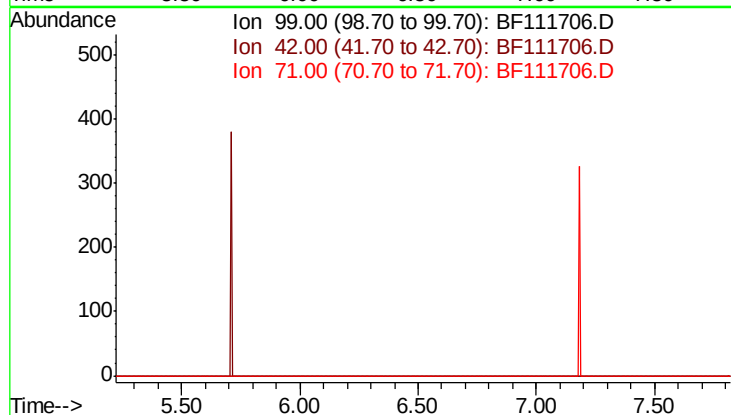
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.7

71 32.6



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.18 min

Lab File: BF111706.D

Acq: 26 Dec 2018 10:38

Tgt Ion: 136

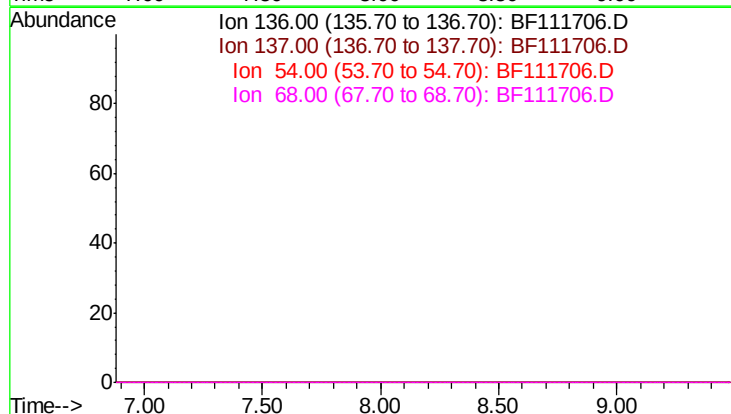
Sig Exp Ratio

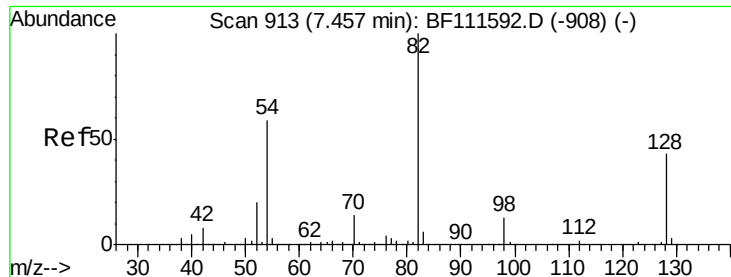
136 100

137 11.4

54 9.6

68 6.1

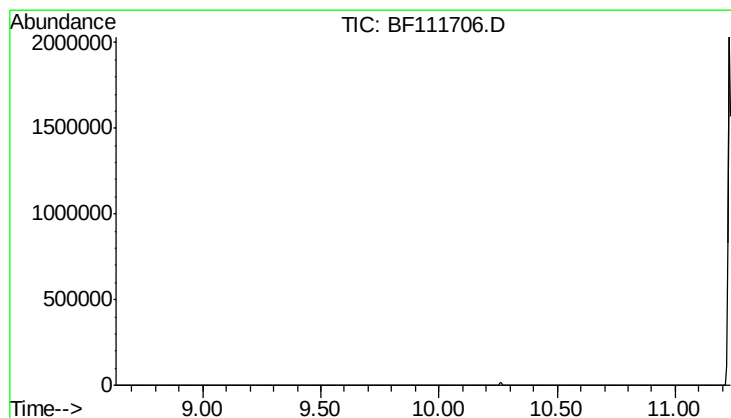
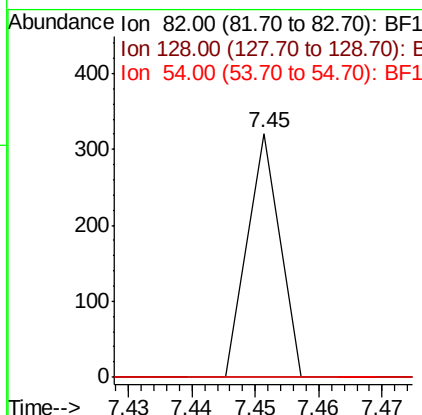
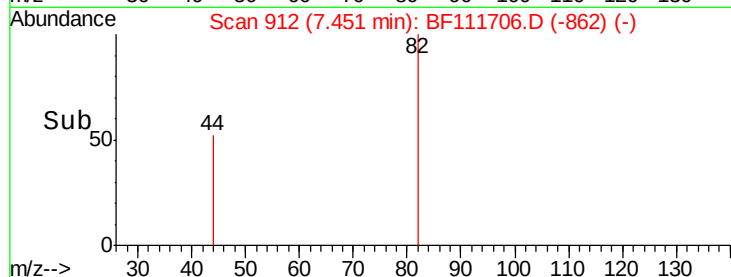
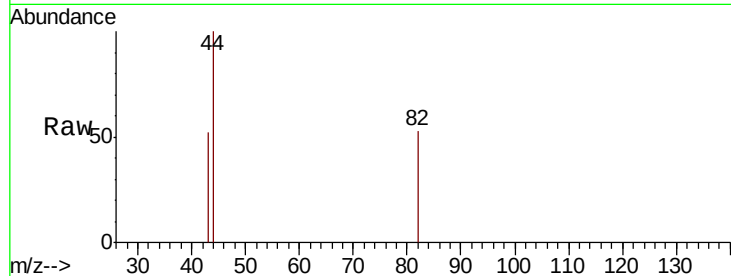




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111706.D
 Acq: 26 Dec 2018 10:38

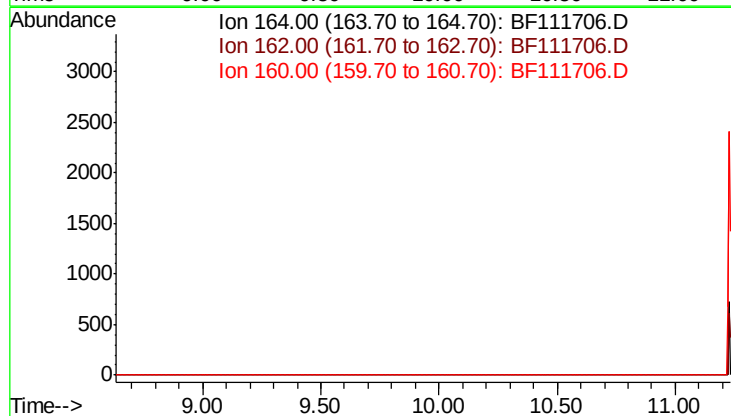
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

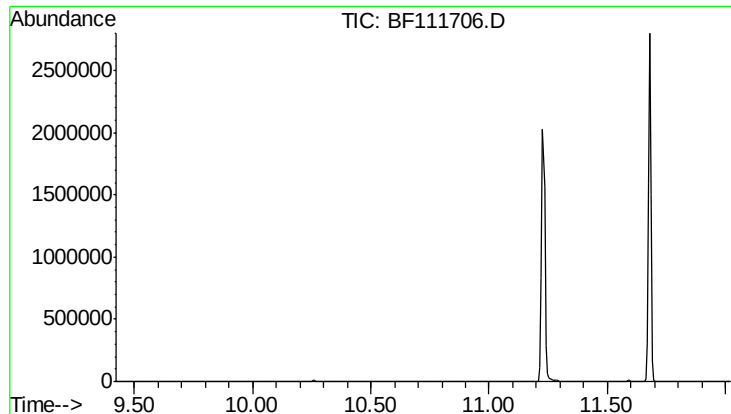
Tot Ion: 82 Resp: 113
 Ion Ratio Lower Upper
 82 100
 128 0.0 37.4 56.2#
 54 0.0 47.6 71.4#



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.93 min
 Lab File: BF111706.D
 Acq: 26 Dec 2018 10:38

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 101.7
 160 44.6





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF111706.D

Acq: 26 Dec 2018 10:38

Instrument :

BNA_F

ClientSampleId :

DFTPP

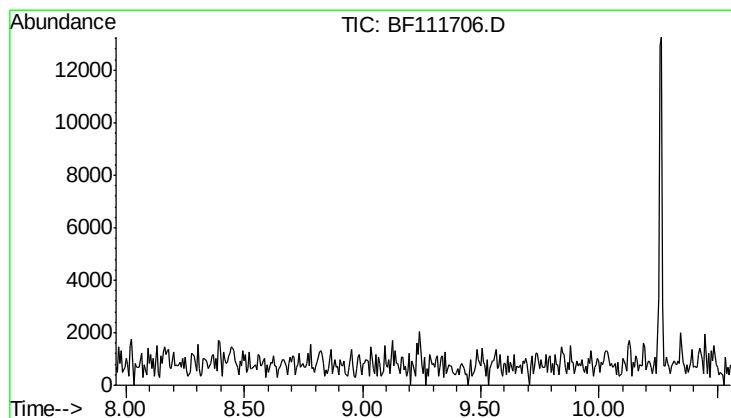
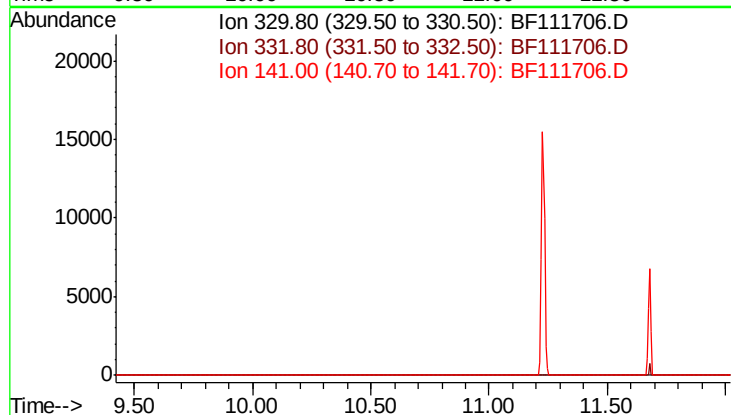
Tot Ion: 330

Sig Exp Ratio

330 100

332 95.0

141 38.8



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.26 min

Lab File: BF111706.D

Acq: 26 Dec 2018 10:38

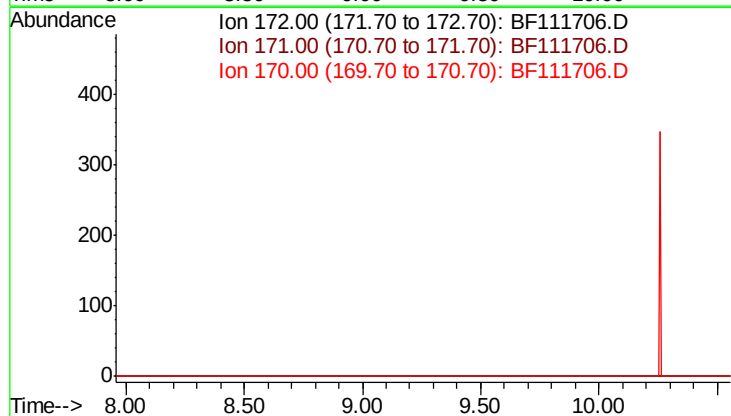
Tgt Ion: 172

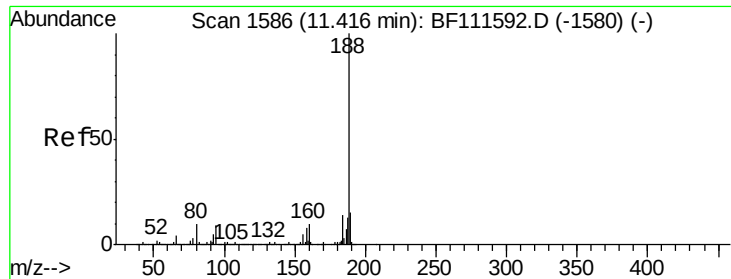
Sig Exp Ratio

172 100

171 41.2

170 27.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.68 min Scan# 1631

Delta R.T. 0.26 min

Lab File: BF111706.D

Acq: 26 Dec 2018 10:38

Instrument :

BNA_F

ClientSampled :

DFTPP

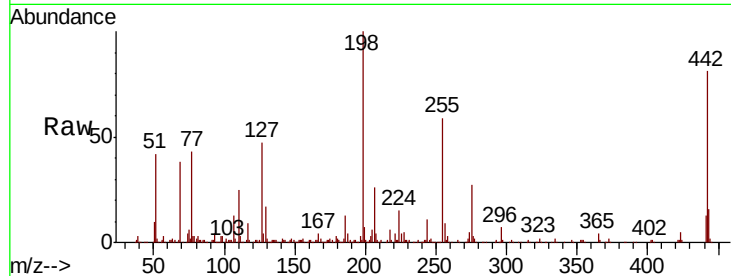
Tot Ion:188 Resp: 786

Ion Ratio Lower Upper

188 100

94 77.7 9.6 14.4#

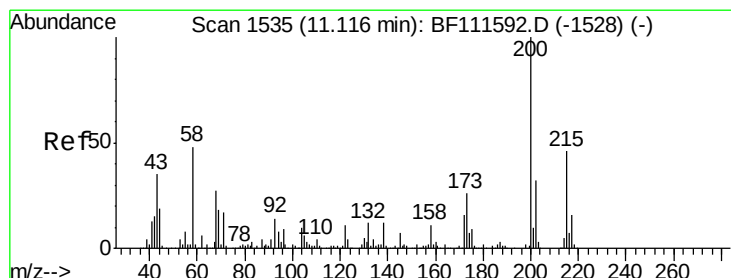
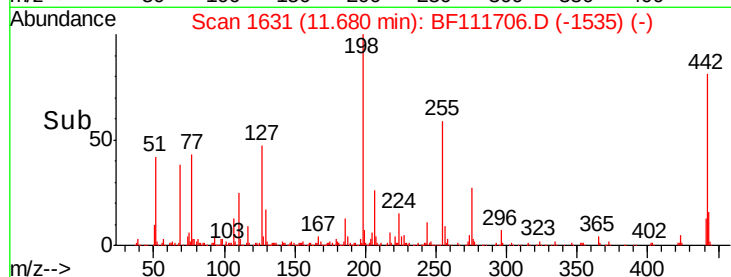
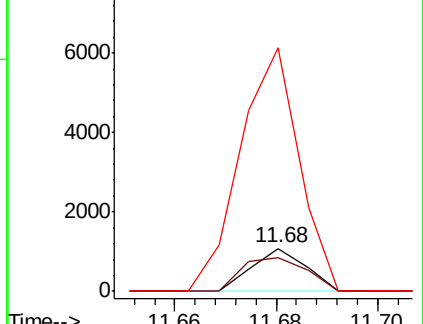
80 565.7 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#69

Atrazine

Concen: 4492.540 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.11 min

Lab File: BF111706.D

Acq: 26 Dec 2018 10:38

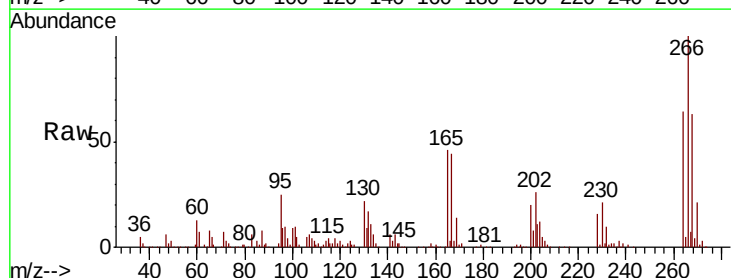
Tgt Ion:200 Resp: 41179

Ion Ratio Lower Upper

200 100

173 0.0 10.1 50.1#

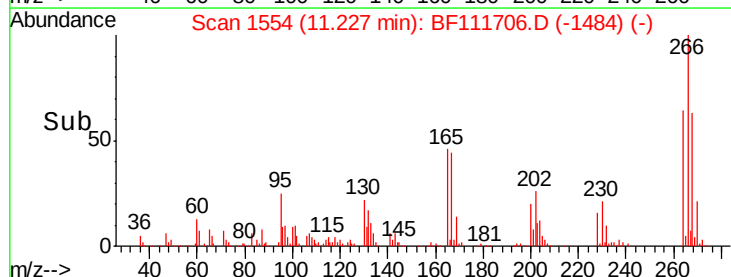
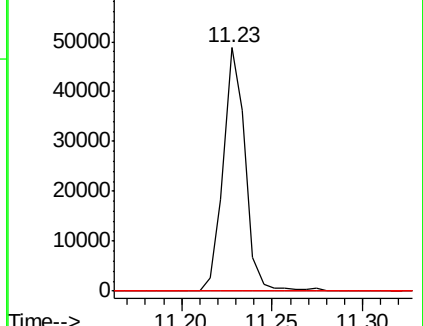
215 0.0 26.9 66.9#

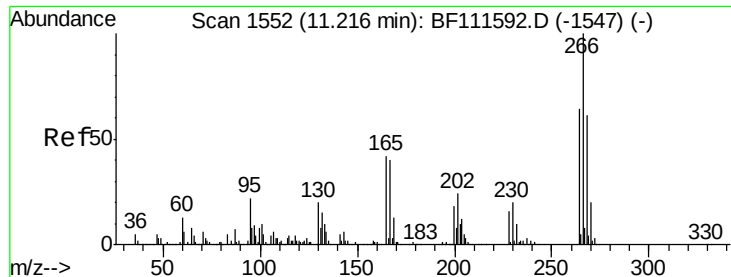


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

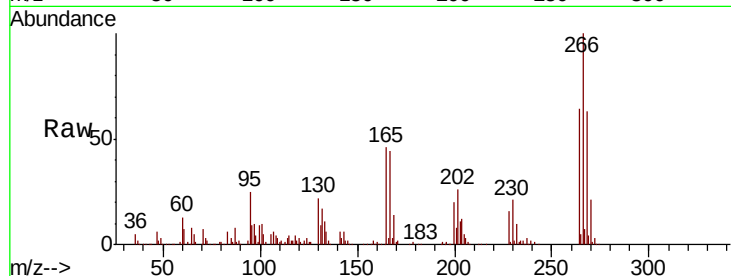




#70
 Pentachlorophenol
 Concen: 33086.112 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF111706.D
 Acq: 26 Dec 2018 10:38

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	47.9	71.9
264	63.8	49.1	73.7

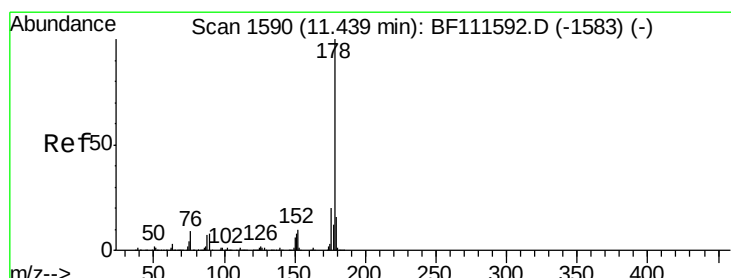
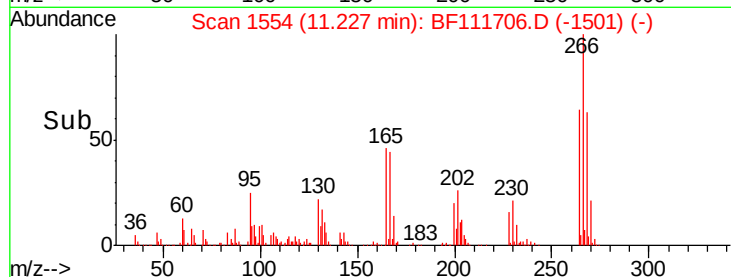
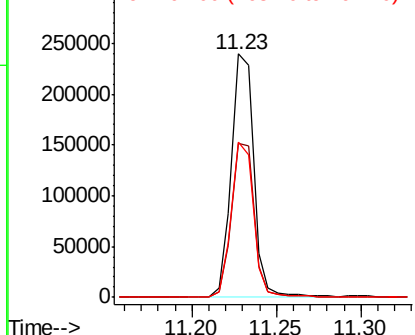


Abundance

Ion 265.70 (265.40 to 266.40): E

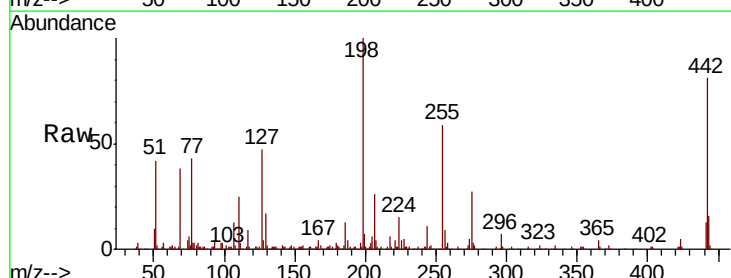
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 16.313 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. 0.24 min
 Lab File: BF111706.D
 Acq: 26 Dec 2018 10:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	154.2	18.1	27.1#
179	1313.4	14.0	21.0#

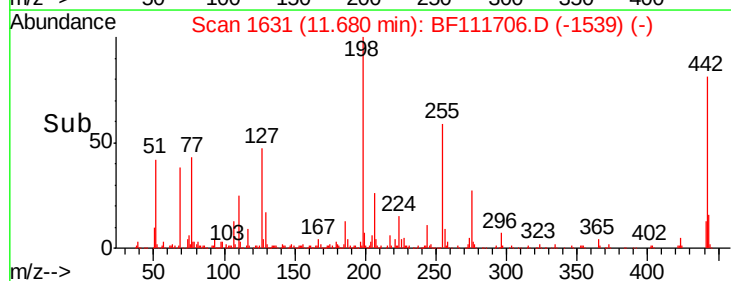
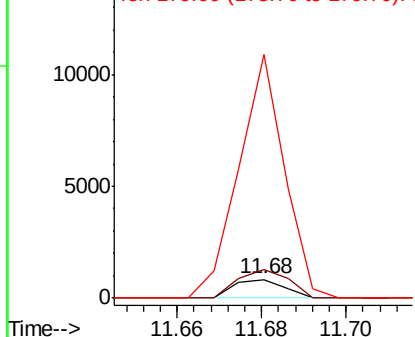


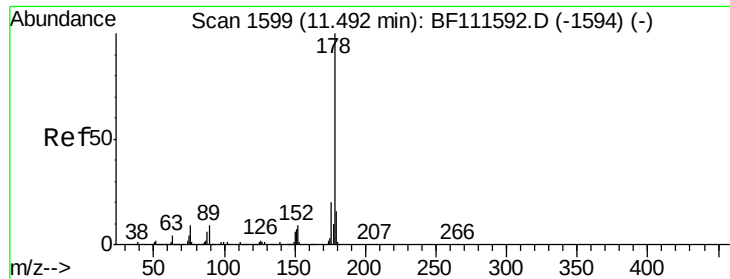
Abundance

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

Anthracene

Concen: 16.252 ng

RT: 11.68 min Scan# 1631

Delta R.T. 0.19 min

Lab File: BF111706.D

Acq: 26 Dec 2018 10:38

Instrument :

BNA_F

ClientSampleId :

DFTPP

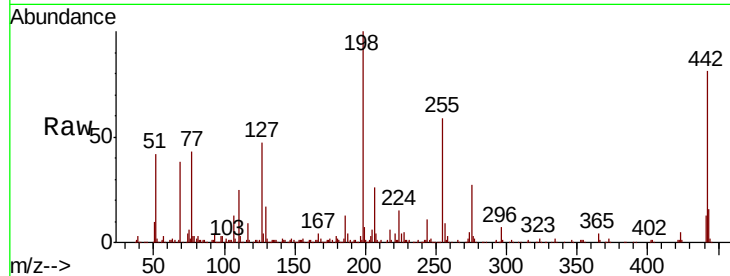
Tot Ion:178 Resp: 680

Ion Ratio Lower Upper

178 100

176 154.2 17.2 25.8#

179 1313.4 13.8 20.8#

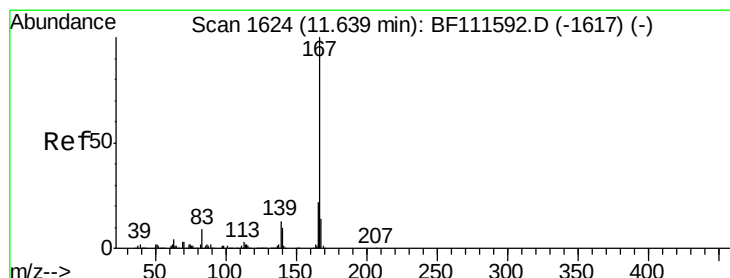
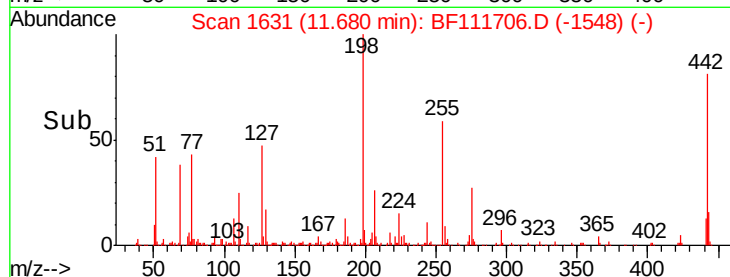
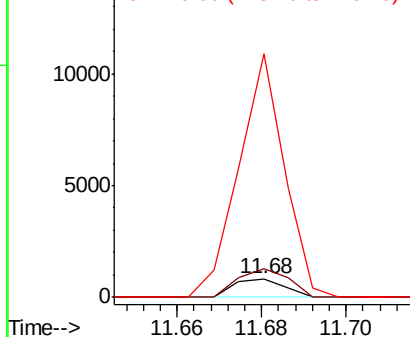


Abundance

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



#73

Carbazole

Concen: 256.490 ng

RT: 11.68 min Scan# 1631

Delta R.T. 0.04 min

Lab File: BF111706.D

Acq: 26 Dec 2018 10:38

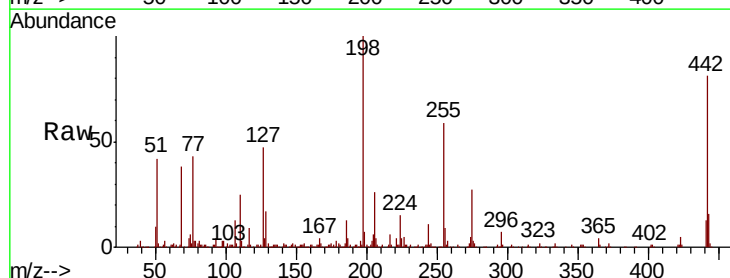
Tgt Ion:167 Resp: 10419

Ion Ratio Lower Upper

167 100

166 18.0 19.3 28.9#

139 0.0 11.9 17.9#

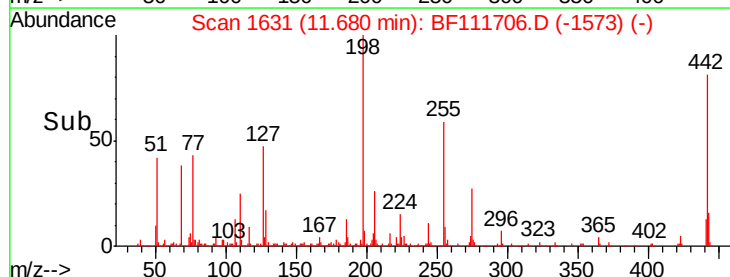
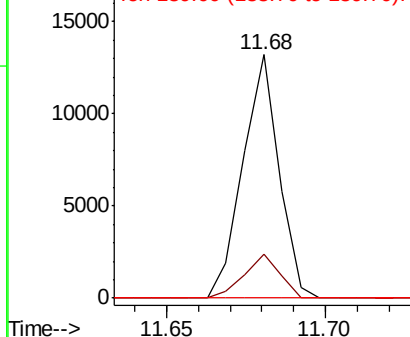


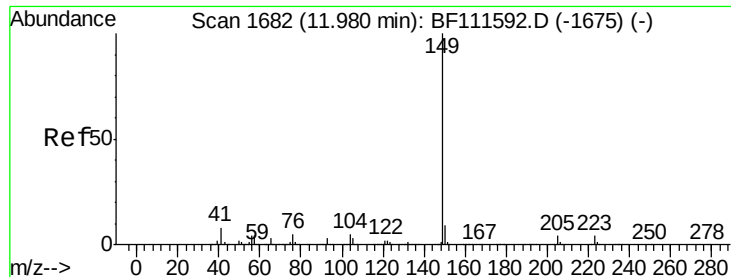
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 14.030 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BF111706.D

Acq: 26 Dec 2018 10:38

Instrument :

BNA_F

ClientSampleId :

DFTPP

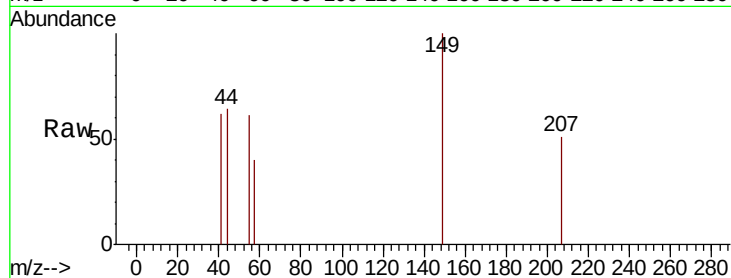
Tot Ion:149 Resp: 639

Ion Ratio Lower Upper

149 100

150 0.0 8.8 13.2#

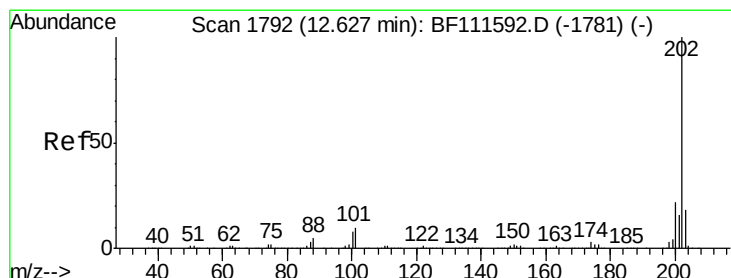
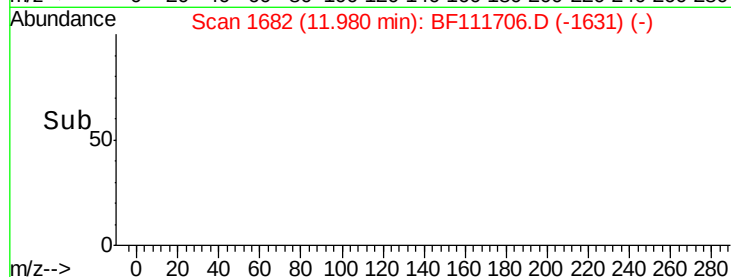
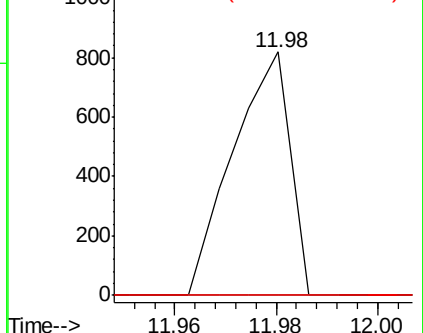
104 0.0 4.5 6.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 5.946 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.24 min

Lab File: BF111706.D

Acq: 26 Dec 2018 10:38

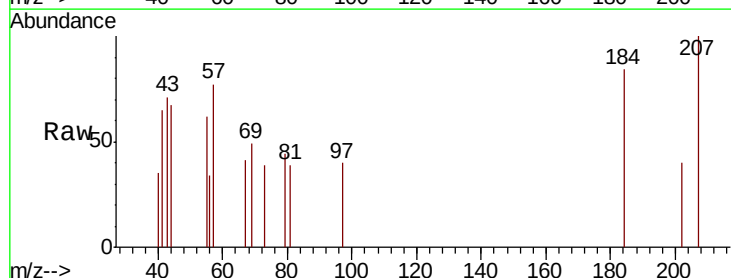
Tgt Ion:202 Resp: 251

Ion Ratio Lower Upper

202 100

101 0.0 0.0 33.8

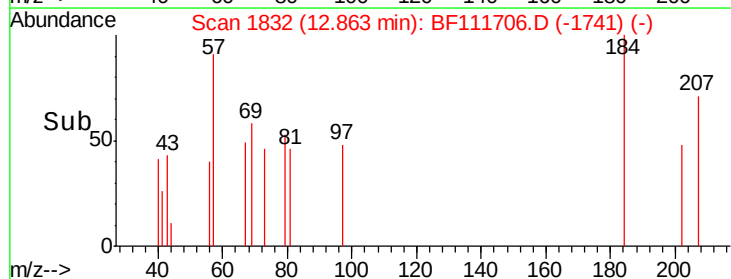
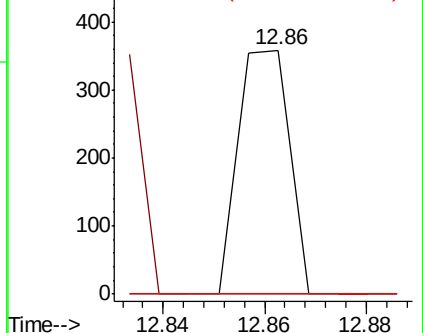
203 0.0 0.0 38.6

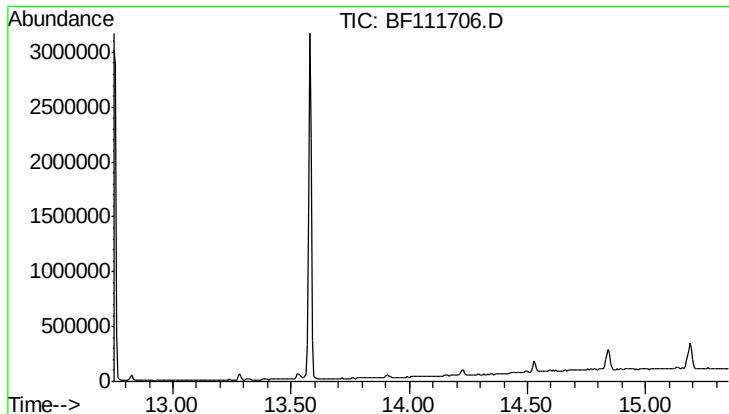


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

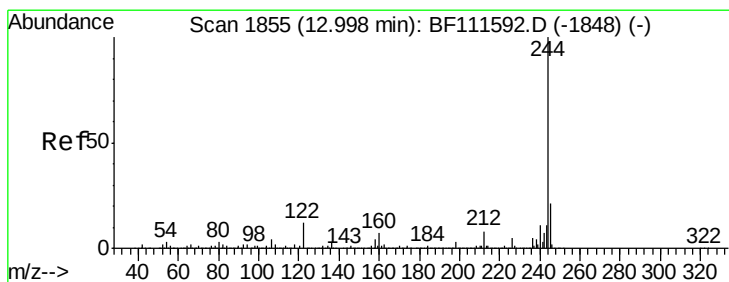
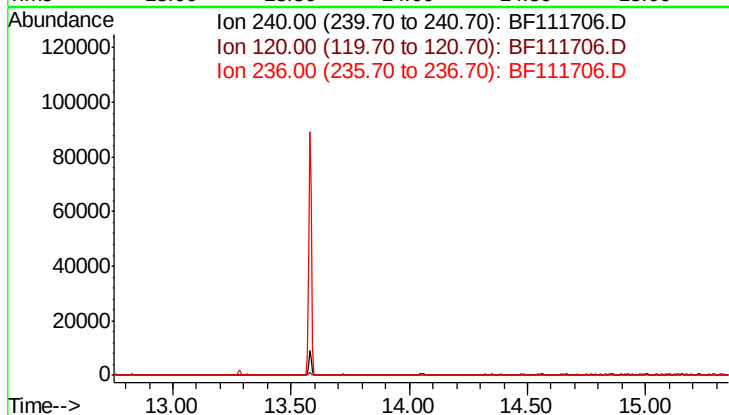




#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 14.05 min
 Lab File: BF111706.D
 Acq: 26 Dec 2018 10:38

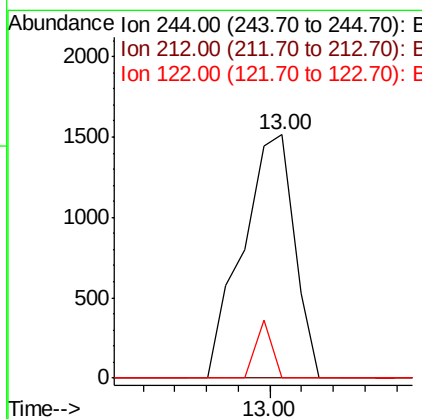
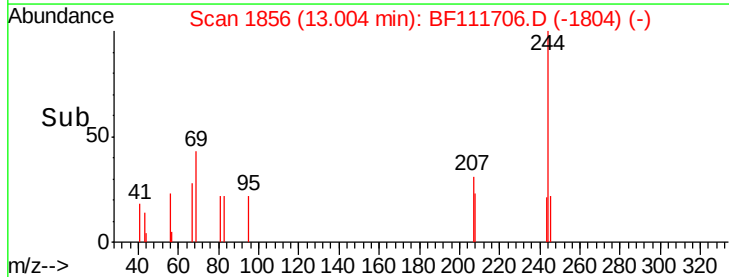
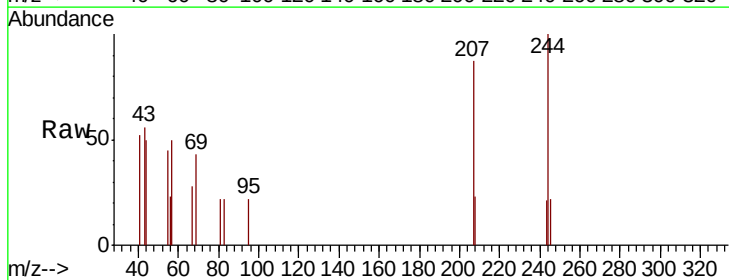
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

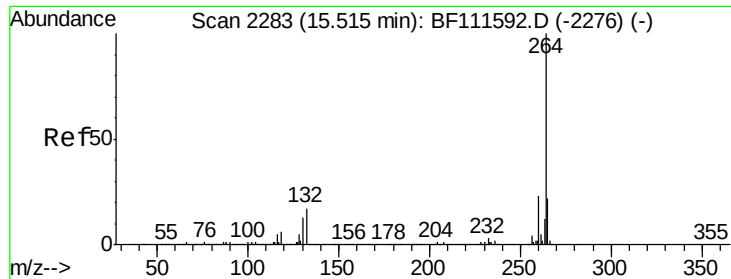
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 15.2
 236 25.2



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF111706.D
 Acq: 26 Dec 2018 10:38

Tgt Ion: 244 Resp: 1718
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.7 8.5#
 122 0.0 13.1 19.7#

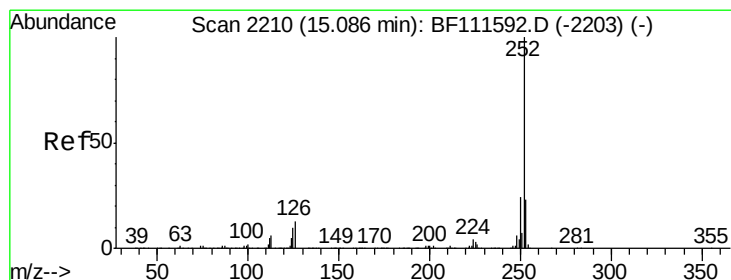
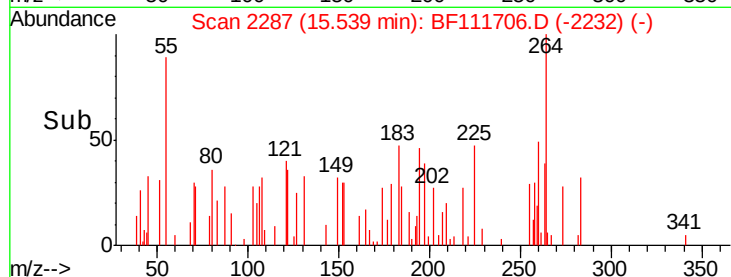
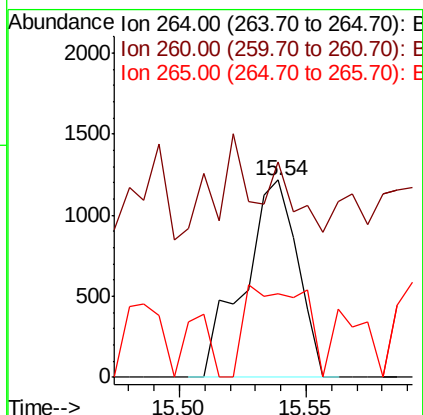
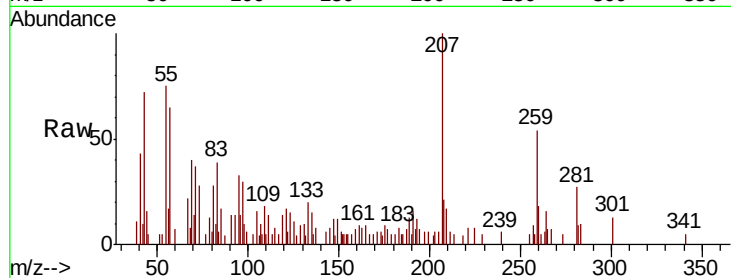




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111706.D
Acq: 26 Dec 2018 10:38

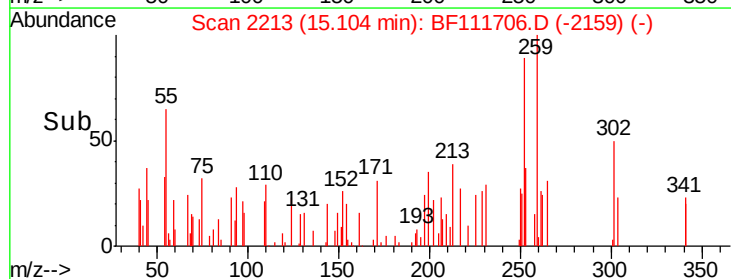
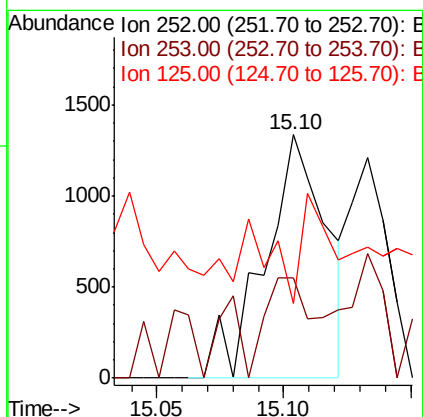
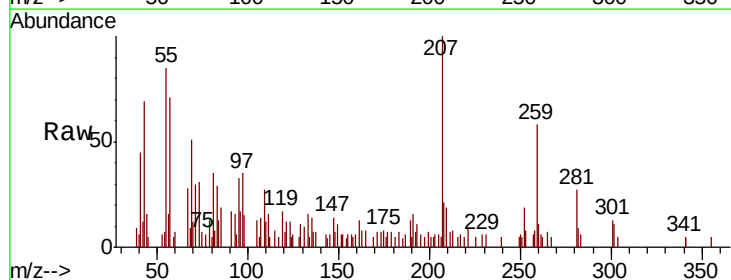
Instrument :
BNA_F
ClientSampleId :
DFTPP

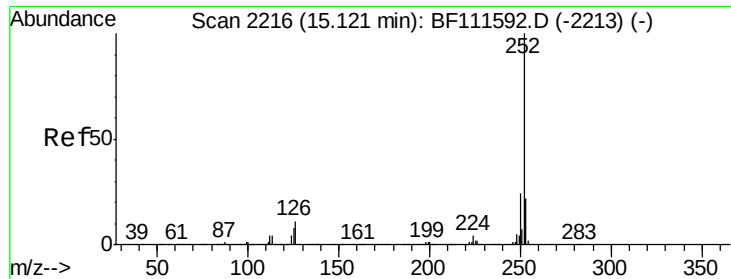
Tot Ion:264 Resp: 1797
Ion Ratio Lower Upper
264 100
260 109.2 18.3 27.5#
265 42.6 17.7 26.5#



#88
Benzo(b)fluoranthene
Concen: 21.414 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF111706.D
Acq: 26 Dec 2018 10:38

Tgt Ion:252 Resp: 2249
Ion Ratio Lower Upper
252 100
253 41.0 18.2 27.2#
125 30.7 10.4 15.6#

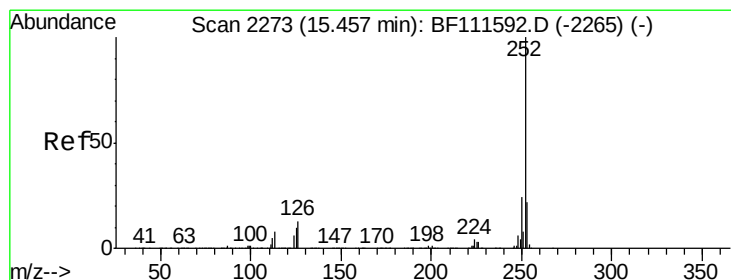
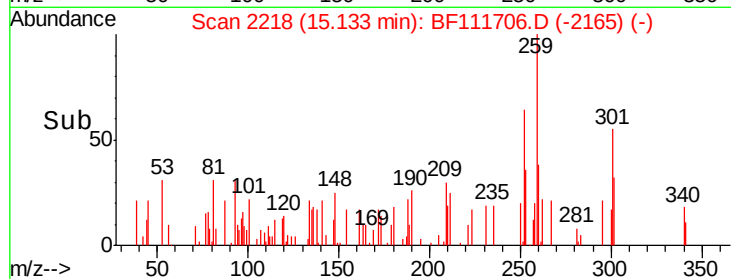
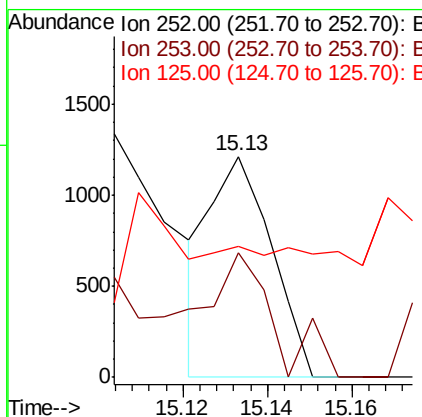
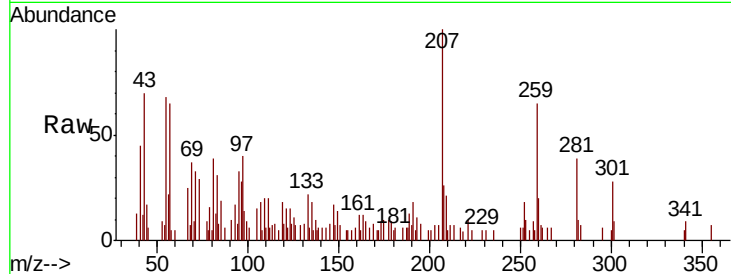




#89
Benzo(k)fluoranthene
Concen: 12.212 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF111706.D
Acq: 26 Dec 2018 10:38

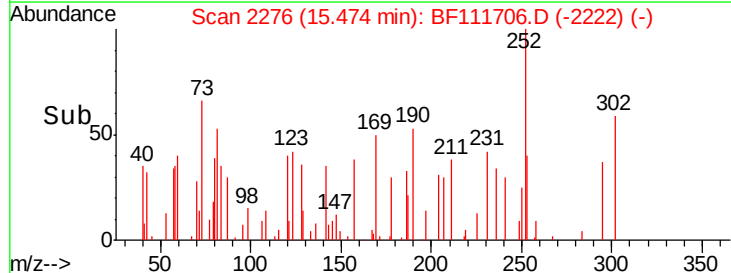
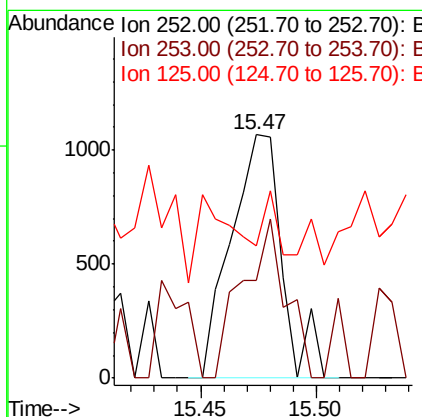
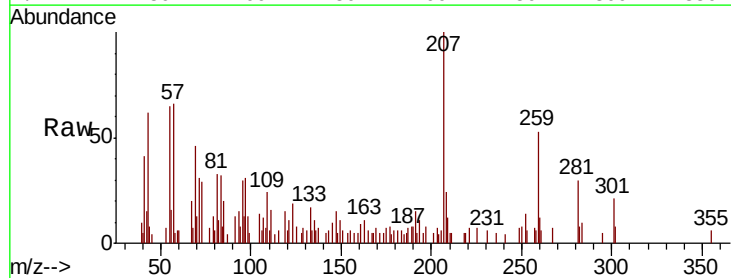
Instrument :
BNA_F
ClientSampleId :
DFTPP

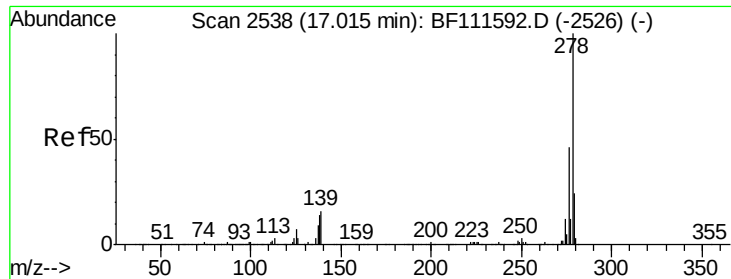
Tot Ion:252 Resp: 1221
Ion Ratio Lower Upper
252 100
253 56.6 18.1 27.1#
125 59.0 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 17.241 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF111706.D
Acq: 26 Dec 2018 10:38

Tgt Ion:252 Resp: 1645
Ion Ratio Lower Upper
252 100
253 40.2 17.8 26.8#
125 54.3 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 3.734 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.04 min

Lab File: BF111706.D

Acq: 26 Dec 2018 10:38

Instrument :

BNA_F

ClientSampled :

DFTPP

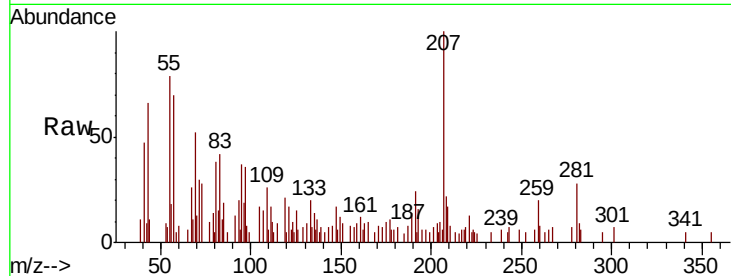
Tot Ion:278 Resp: 312

Ion Ratio Lower Upper

278 100

139 100.4 18.2 27.4#

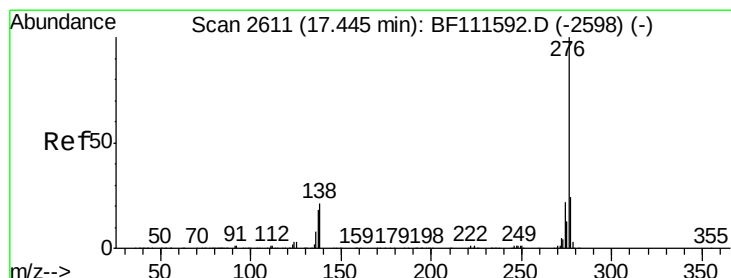
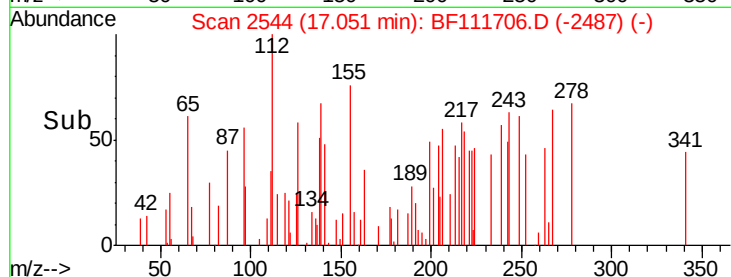
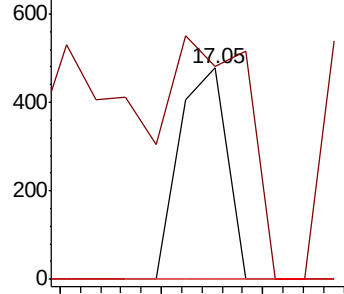
279 0.0 19.0 28.6#



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



#92

Benzo(g,h,i)perylene

Concen: 6.717 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.04 min

Lab File: BF111706.D

Acq: 26 Dec 2018 10:38

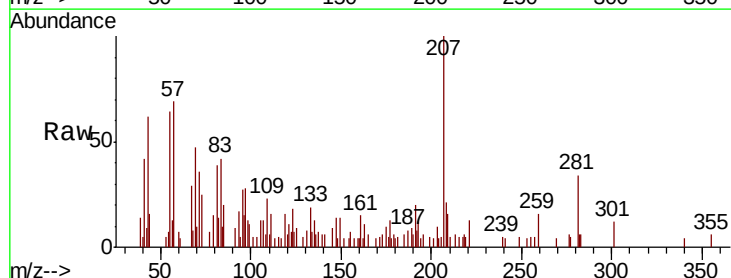
Tgt Ion:276 Resp: 548

Ion Ratio Lower Upper

276 100

277 78.8 19.2 28.8#

138 0.0 24.9 37.3#



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

