

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109019.D
 Acq On : 15 Sep 2018 2:46
 Operator : JU/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Sep 17 05:55:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 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	-6.72
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.01
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.75
63) Phenanthrene-d10	11.50	188	321	20.00	ng	0.27
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.86
86) Perylene-d12	0.00	264	0	0.00	ng	-15.25

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units
5) 2-Fluorophenol	0.00	112	0	0.00	ng
7) Phenol-d6	0.00	99	0	0.00	ng
23) Nitrobenzene-d5	0.00	82	0	0.00	ng
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng
78) Terphenyl-d14	0.00	244	0	0.00	ng

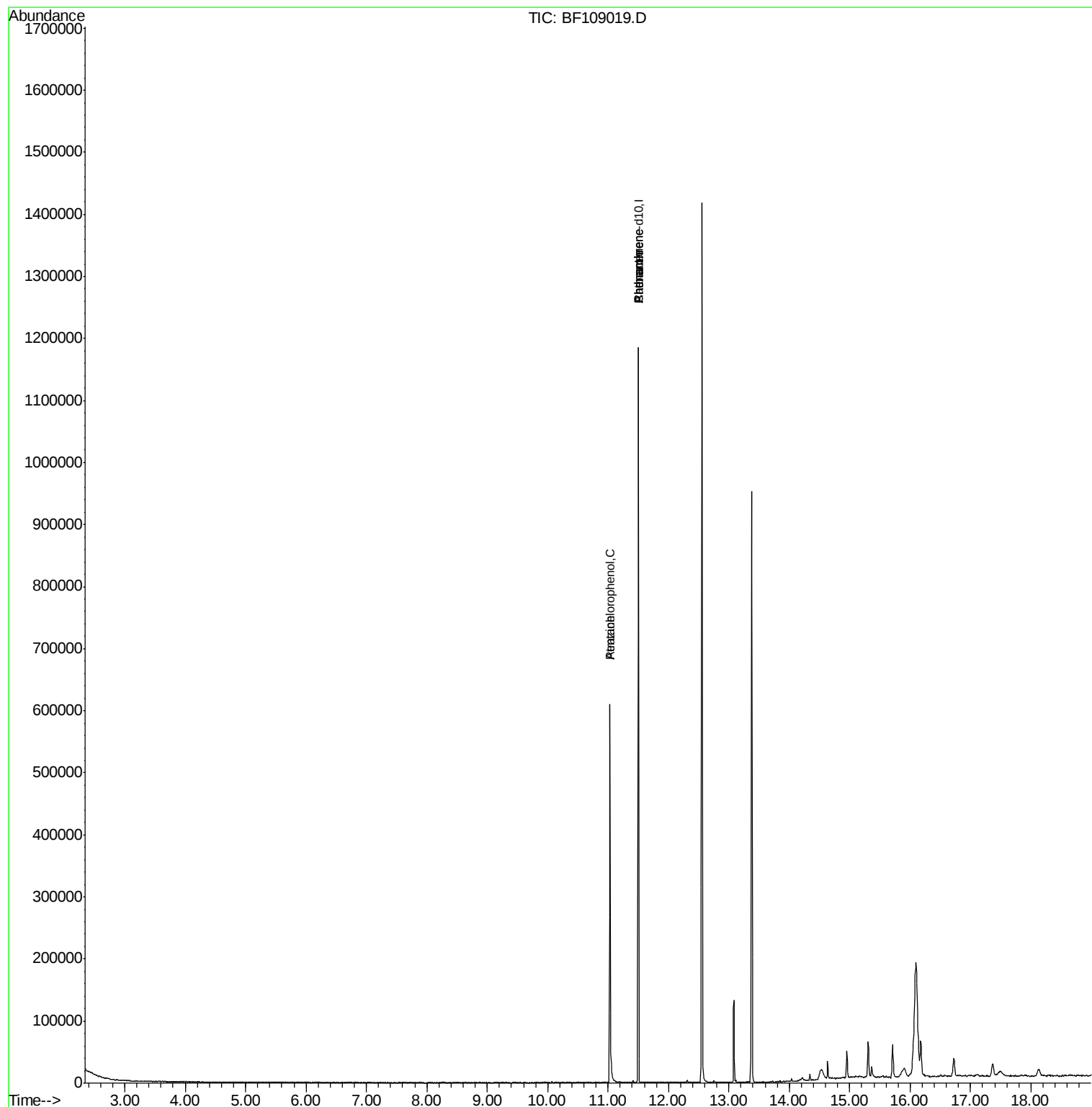
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
68) Atrazine	11.03	200	12752	3793.824	ng	# 37
69) Pentachlorophenol	11.03	266	73252	29578.189	ng	99
70) Phenanthrene	11.50	178	235	14.934	ng	# 1
71) Anthracene	11.50	178	235	14.733	ng	# 1
72) Carbazole	11.50	167	4181	264.787	ng	# 75

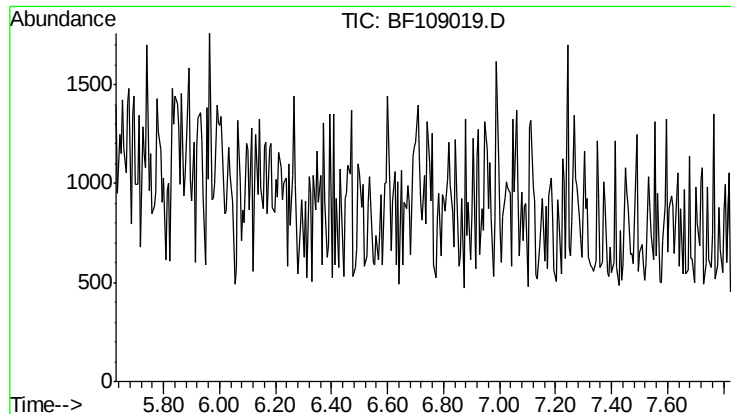
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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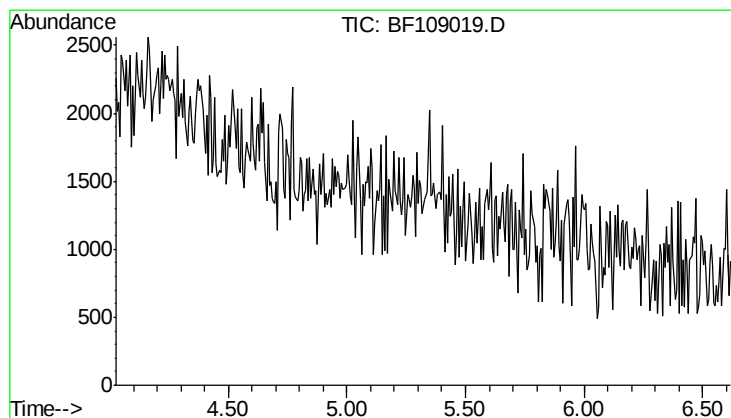
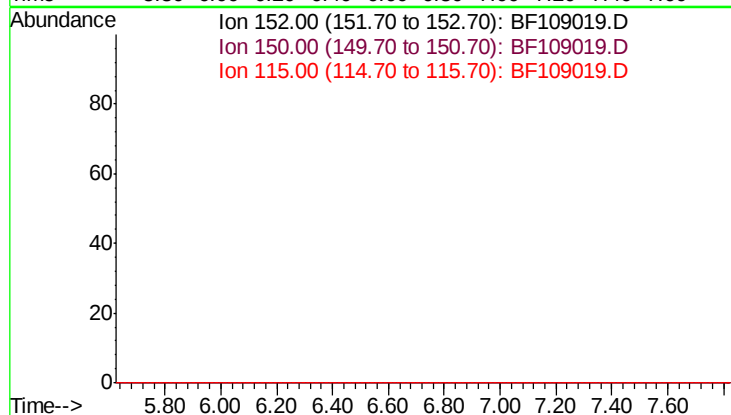




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.72 min
 Lab File: BF109019.D
 Acq: 15 Sep 2018 2:46

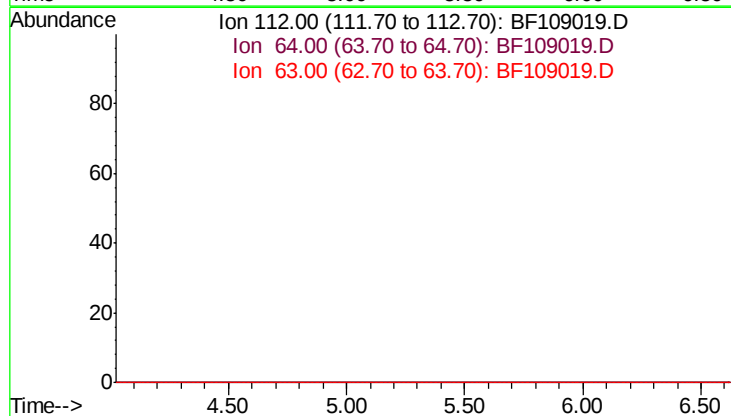
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

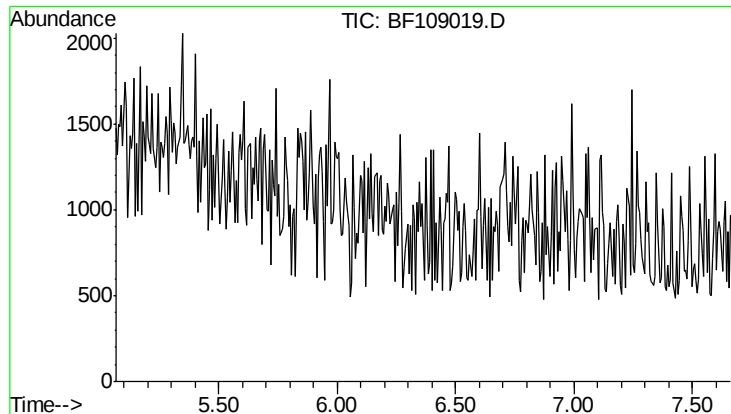
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 155.7
 115 62.6



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.32 min
 Lab File: BF109019.D
 Acq: 15 Sep 2018 2:46

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.9
 63 29.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.36 min

Lab File: BF109019.D

Acq: 15 Sep 2018 2:46

Instrument :

BNA_F

ClientSampleId :

DFTPP

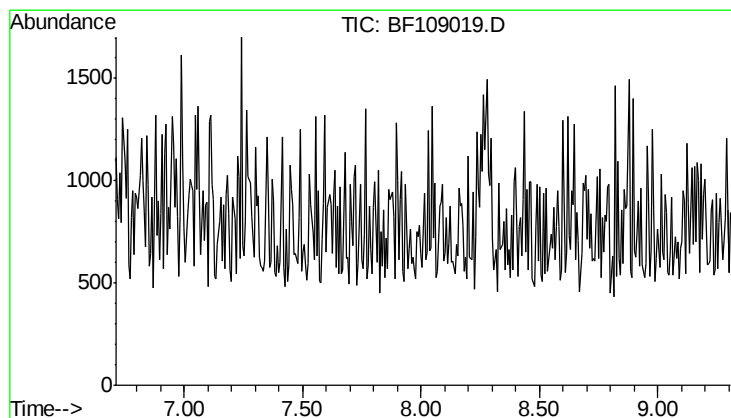
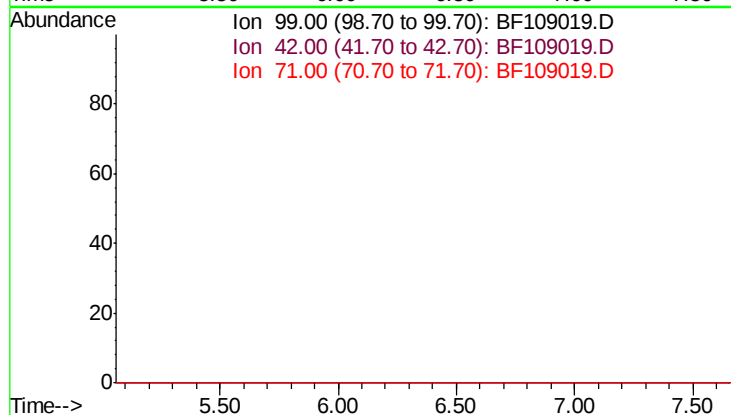
Tot Ion: 99

Sig Exp Ratio

99 100

42 18.1

71 31.7



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.01 min

Lab File: BF109019.D

Acq: 15 Sep 2018 2:46

Tgt Ion: 136

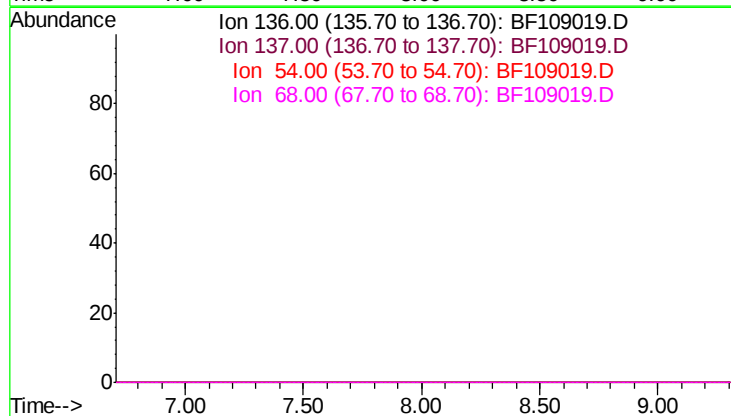
Sig Exp Ratio

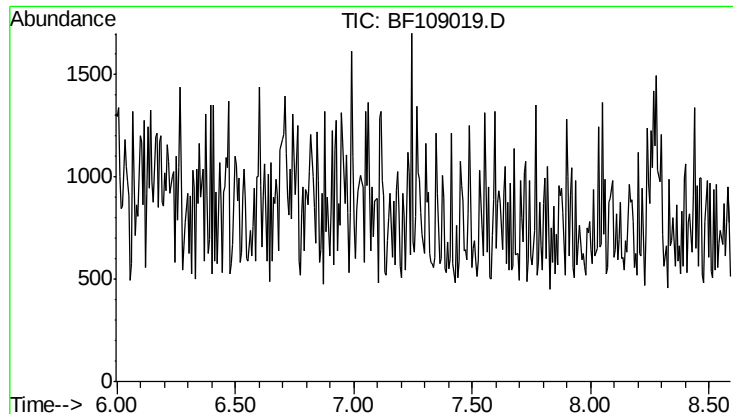
136 100

137 11.1

54 8.2

68 6.2

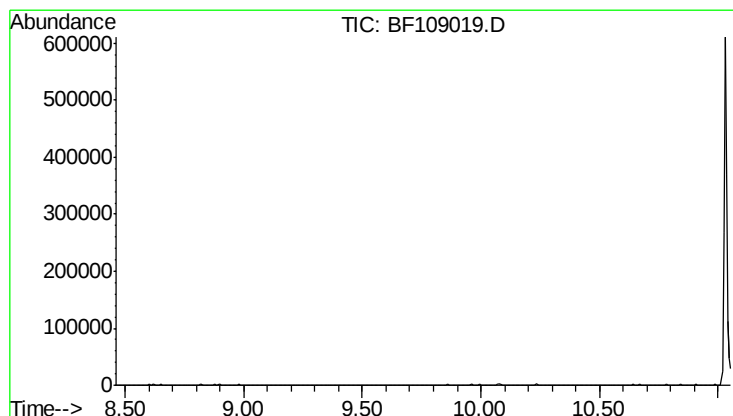
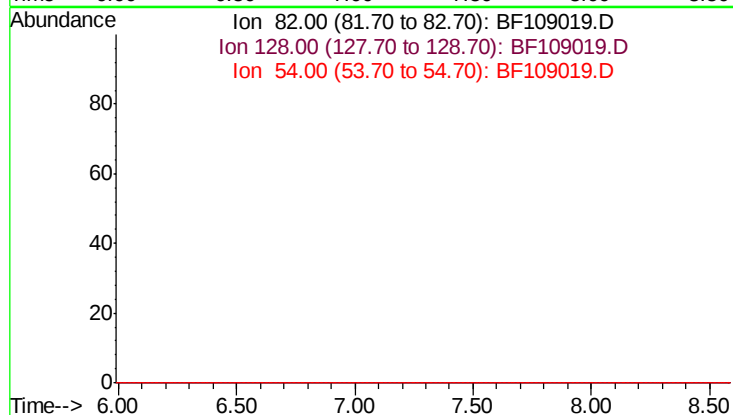




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.29 min
 Lab File: BF109019.D
 Acq: 15 Sep 2018 2:46

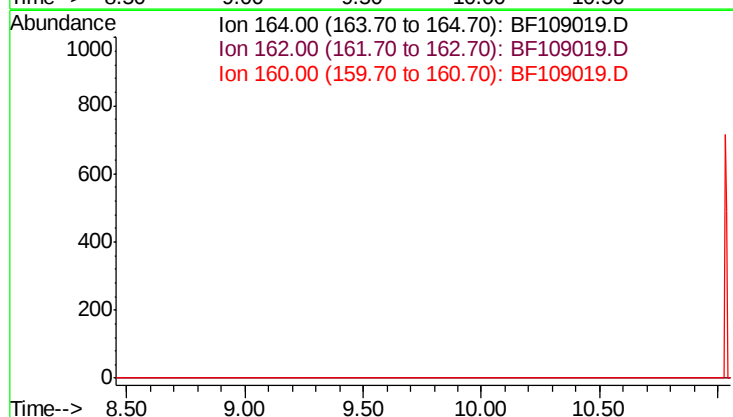
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

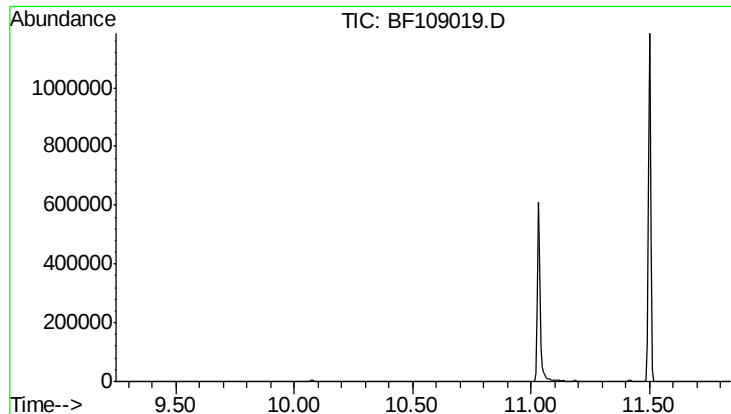
Tot Ion	82
Sig	Exp Ratio
82	100
128	45.1
54	51.8



#38
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.75 min
 Lab File: BF109019.D
 Acq: 15 Sep 2018 2:46

Tgt Ion	164
Sig	Exp Ratio
164	100
162	107.6
160	47.9

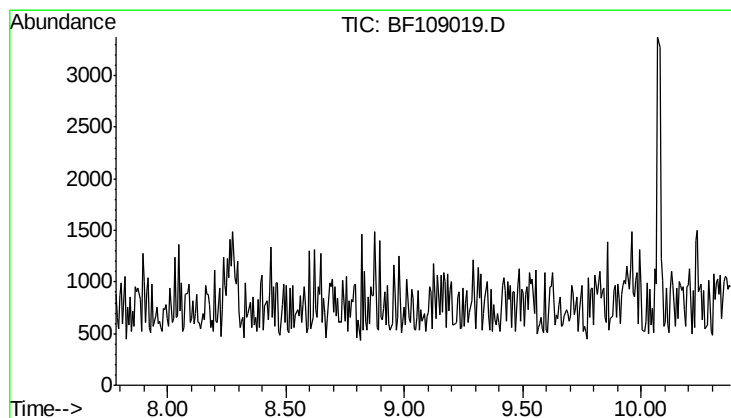
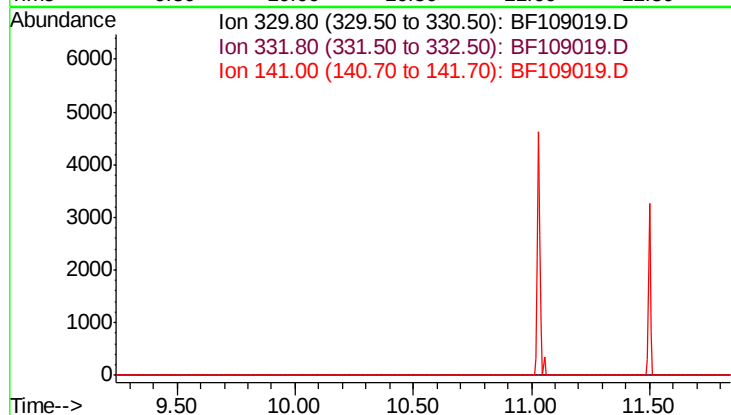




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.54 min
 Lab File: BF109019.D
 Acq: 15 Sep 2018 2:46

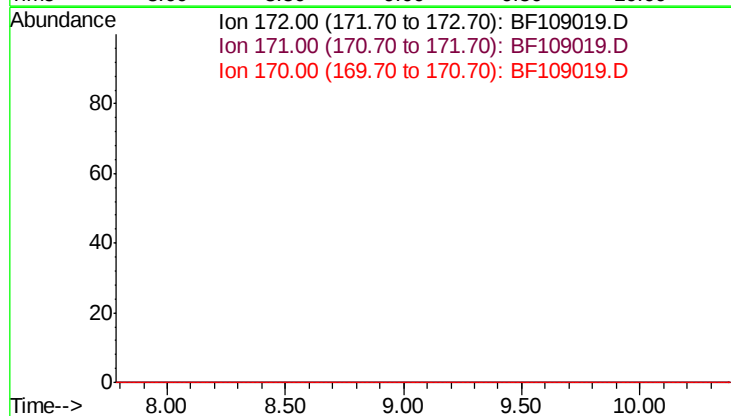
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

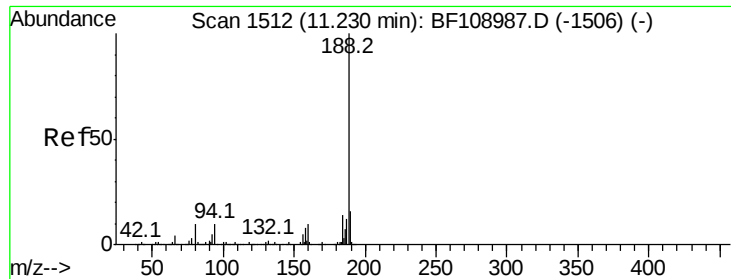
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.08 min
 Lab File: BF109019.D
 Acq: 15 Sep 2018 2:46

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.27 min

Lab File: BF109019.D

Acq: 15 Sep 2018 2:46

Instrument :

BNA_F

ClientSampleId :

DFTPP

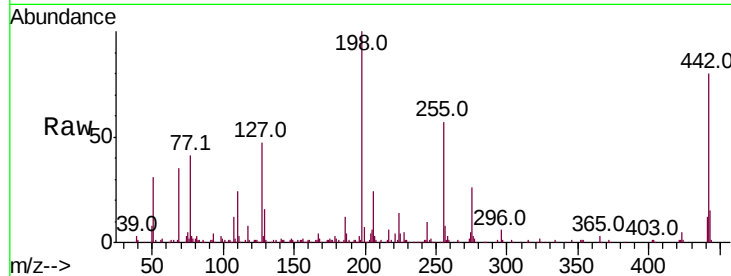
Tot Ion:188 Resp: 321

Ion Ratio Lower Upper

188 100

94 69.9 8.5 12.7#

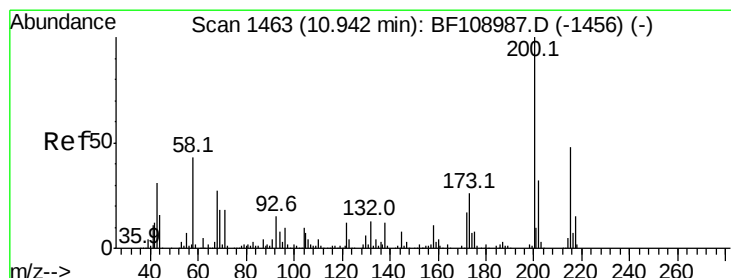
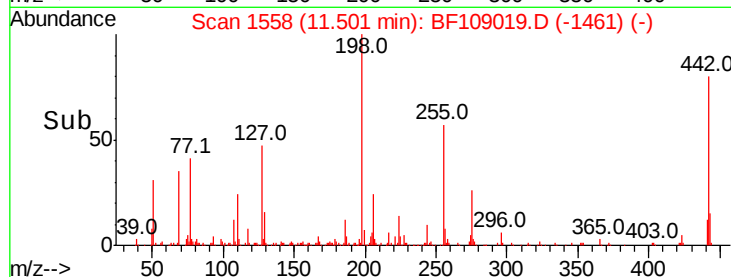
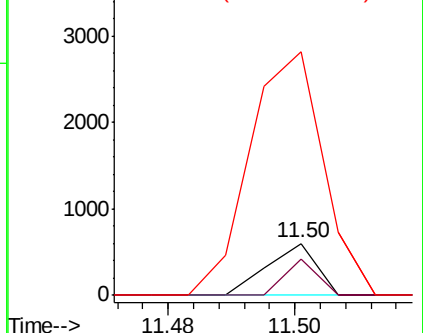
80 469.8 9.2 13.8#



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



#68

Atrazine

Concen: 3793.824 ng

RT: 11.03 min Scan# 1478

Delta R.T. 0.09 min

Lab File: BF109019.D

Acq: 15 Sep 2018 2:46

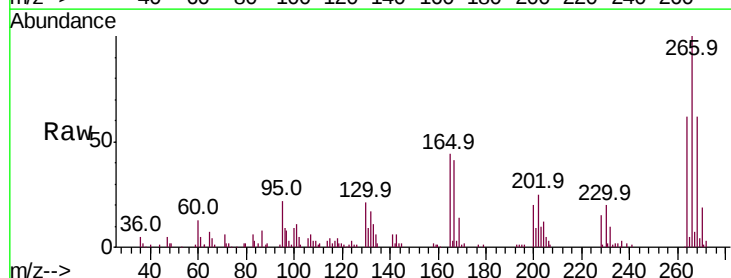
Tgt Ion:200 Resp: 12752

Ion Ratio Lower Upper

200 100

173 0.0 8.6 48.6#

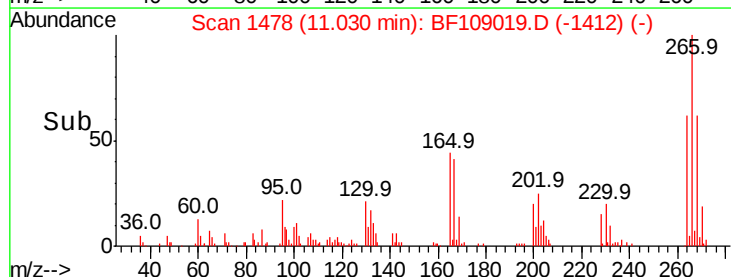
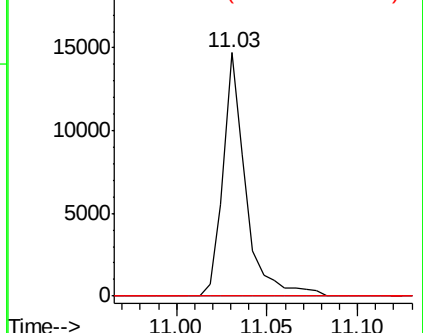
215 0.0 25.1 65.1#

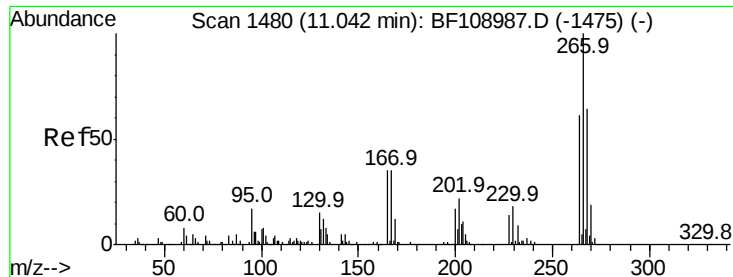


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

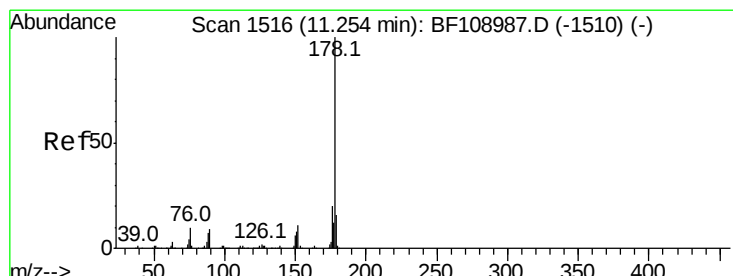
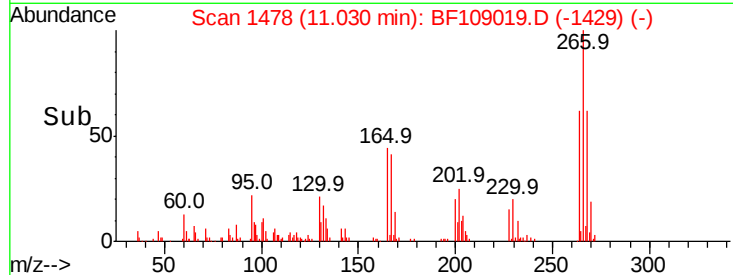
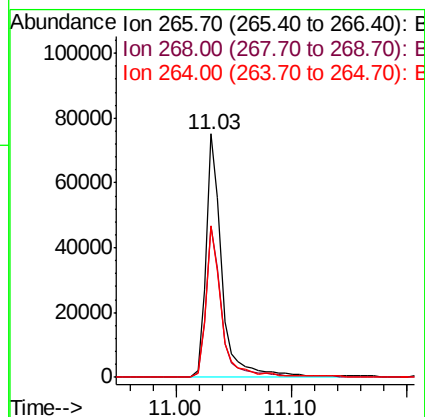
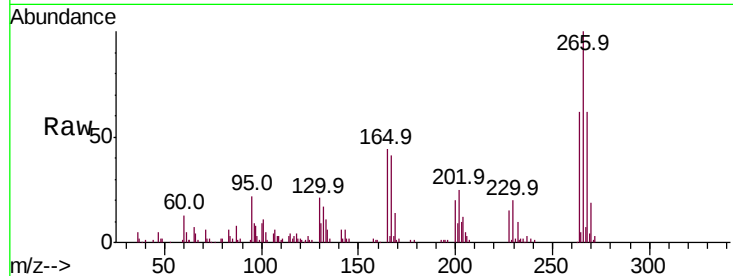




#69
 Pentachlorophenol
 Concen: 29578.189 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF109019.D
 Acq: 15 Sep 2018 2:46

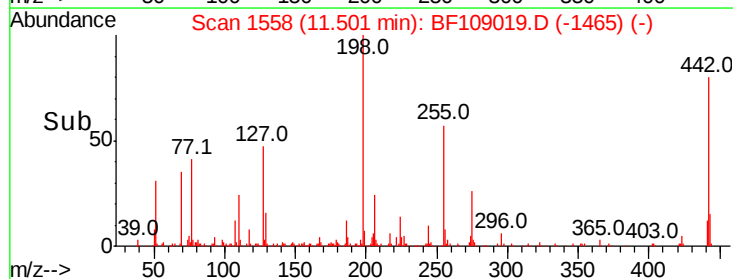
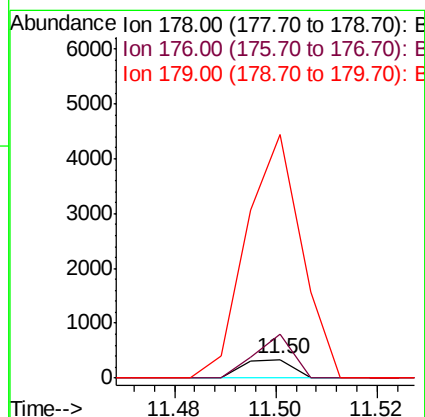
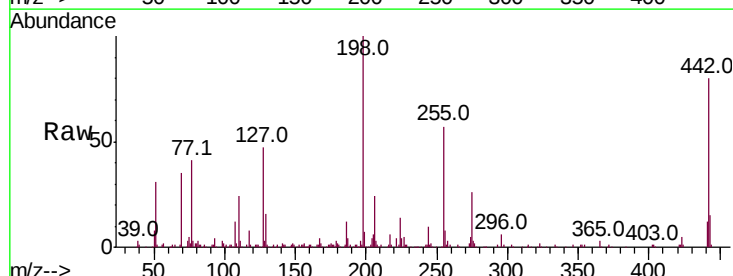
Instrument :
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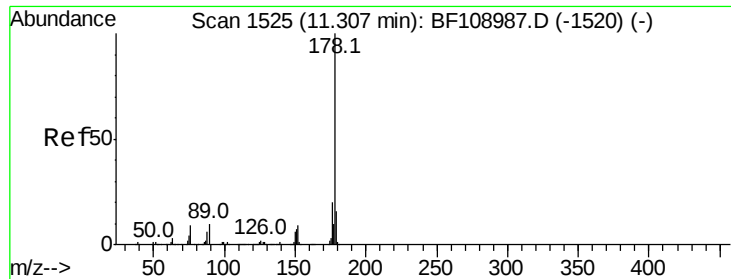
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	62.5	49.5	74.3



#70
 Phenanthrene
 Concen: 14.934 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. 0.25 min
 Lab File: BF109019.D
 Acq: 15 Sep 2018 2:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	236.2	15.8	23.8#
179	1294.5	13.0	19.6#

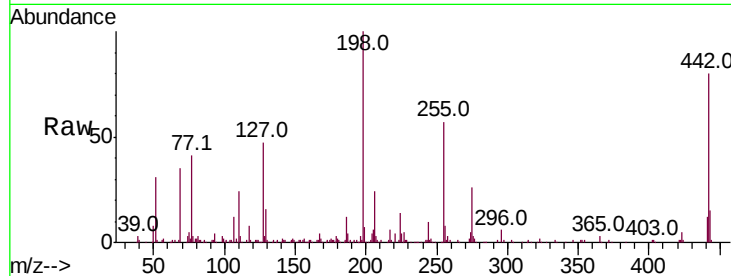




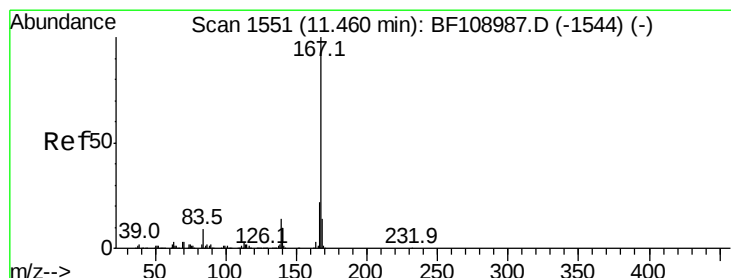
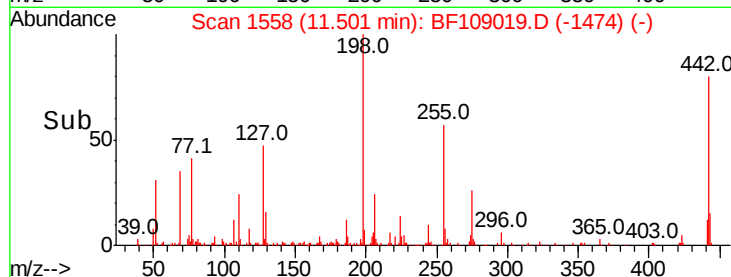
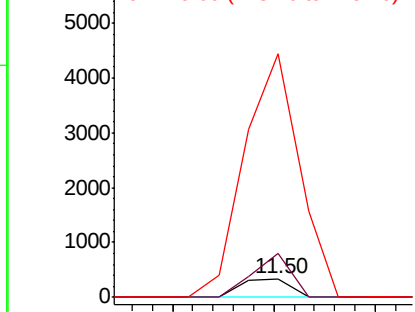
#71
 Anthracene
 Concen: 14.733 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. 0.19 min
 Lab File: BF109019.D
 Acq: 15 Sep 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:178 Resp: 235
 Ion Ratio Lower Upper
 178 100
 176 236.2 15.4 23.2#
 179 1294.5 12.6 19.0#

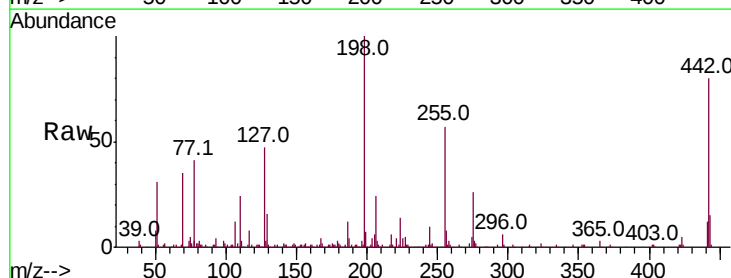


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

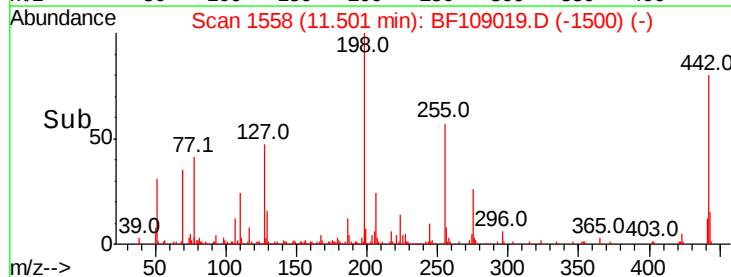
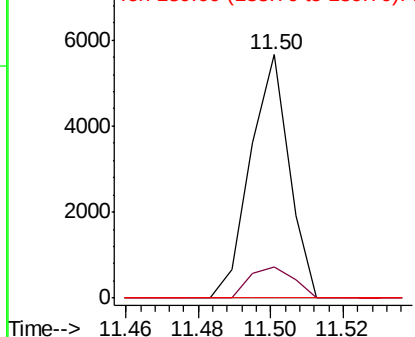


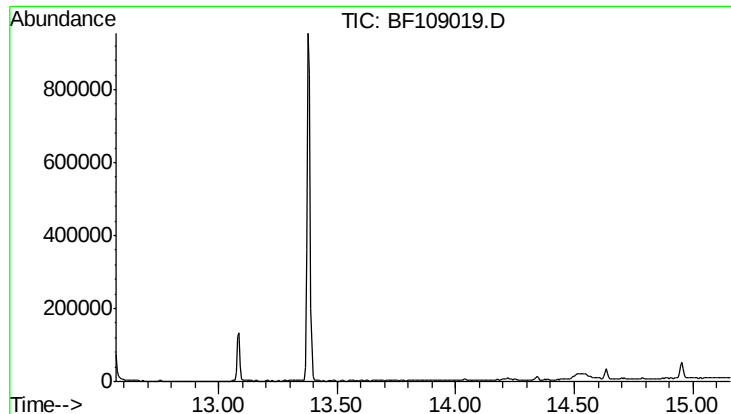
#72
 Carbazole
 Concen: 264.787 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. 0.04 min
 Lab File: BF109019.D
 Acq: 15 Sep 2018 2:46

Tgt Ion:167 Resp: 4181
 Ion Ratio Lower Upper
 167 100
 166 13.0 17.6 26.4#
 139 0.0 10.9 16.3#



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



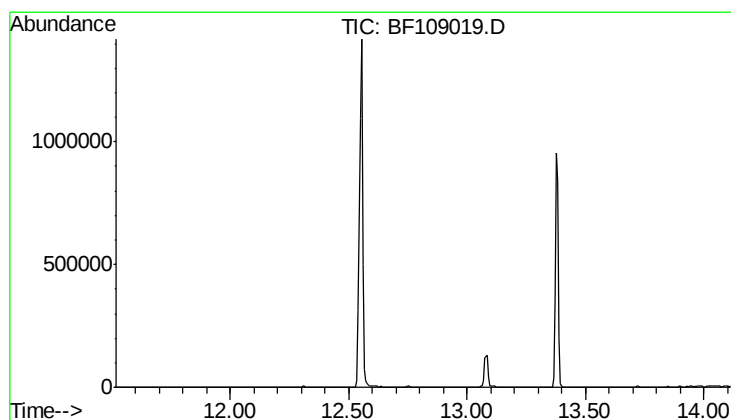
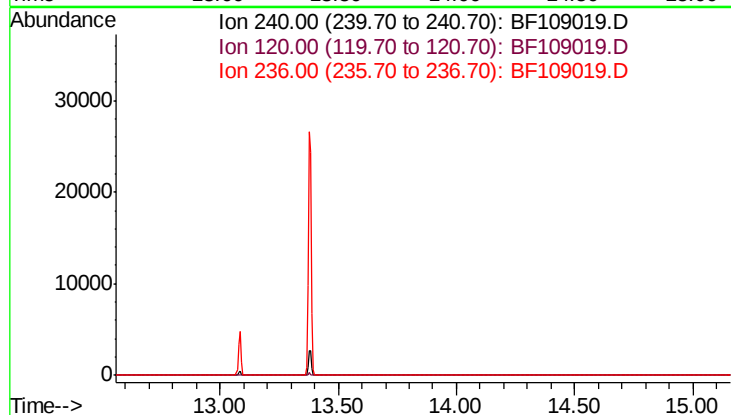


#75
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 13.86 min

Lab File: BF109019.D
 Acq: 15 Sep 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

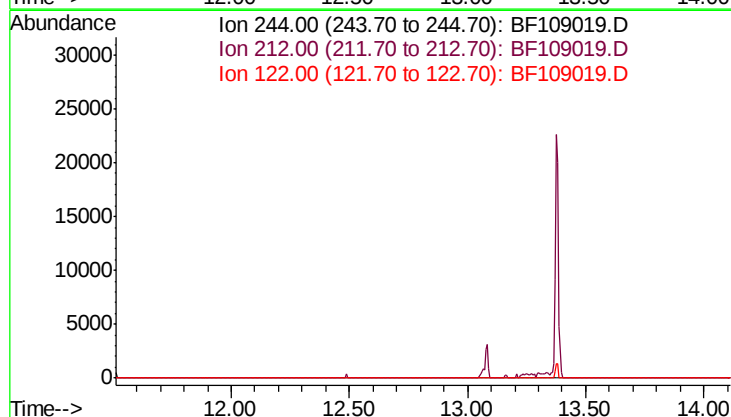
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 11.9
 236 25.9

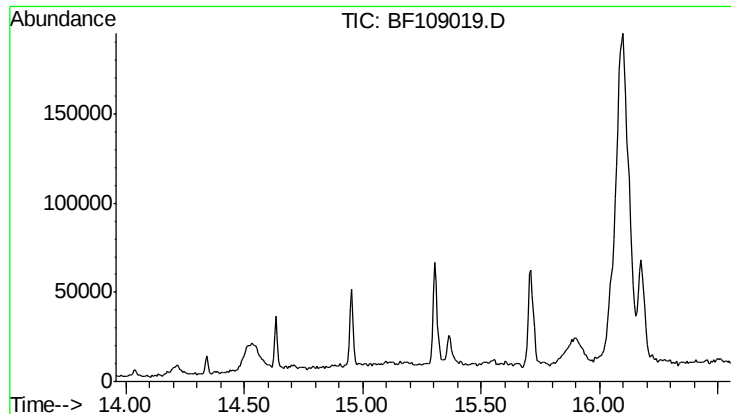


#78
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.81 min

Lab File: BF109019.D
 Acq: 15 Sep 2018 2:46

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 6.7
 122 13.7





#86
Pervlene-d12
Concen: 0.000 ng
Expected RT: 15.25 min

Lab File: BF109019.D
Acq: 15 Sep 2018 2:46

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion: 264
Sis Exp Ratio
264 100
260 24.0
265 21.9

