

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117148.D
 Acq On : 18 Sep 2019 16:49
 Operator : HP/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:13:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 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	-6.82
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.10
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.86
64) Phenanthrene-d10	11.59	188	152	20.00	ng	0.25
76) Chrysene-d12	0.00	240	0	0.00	ng	-13.97
87) Perylene-d12	0.00	264	0	0.00	ng	-15.42

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	0.00	82	0	0.00	ng	
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	12.91	244	384	0.00	ng	0.00

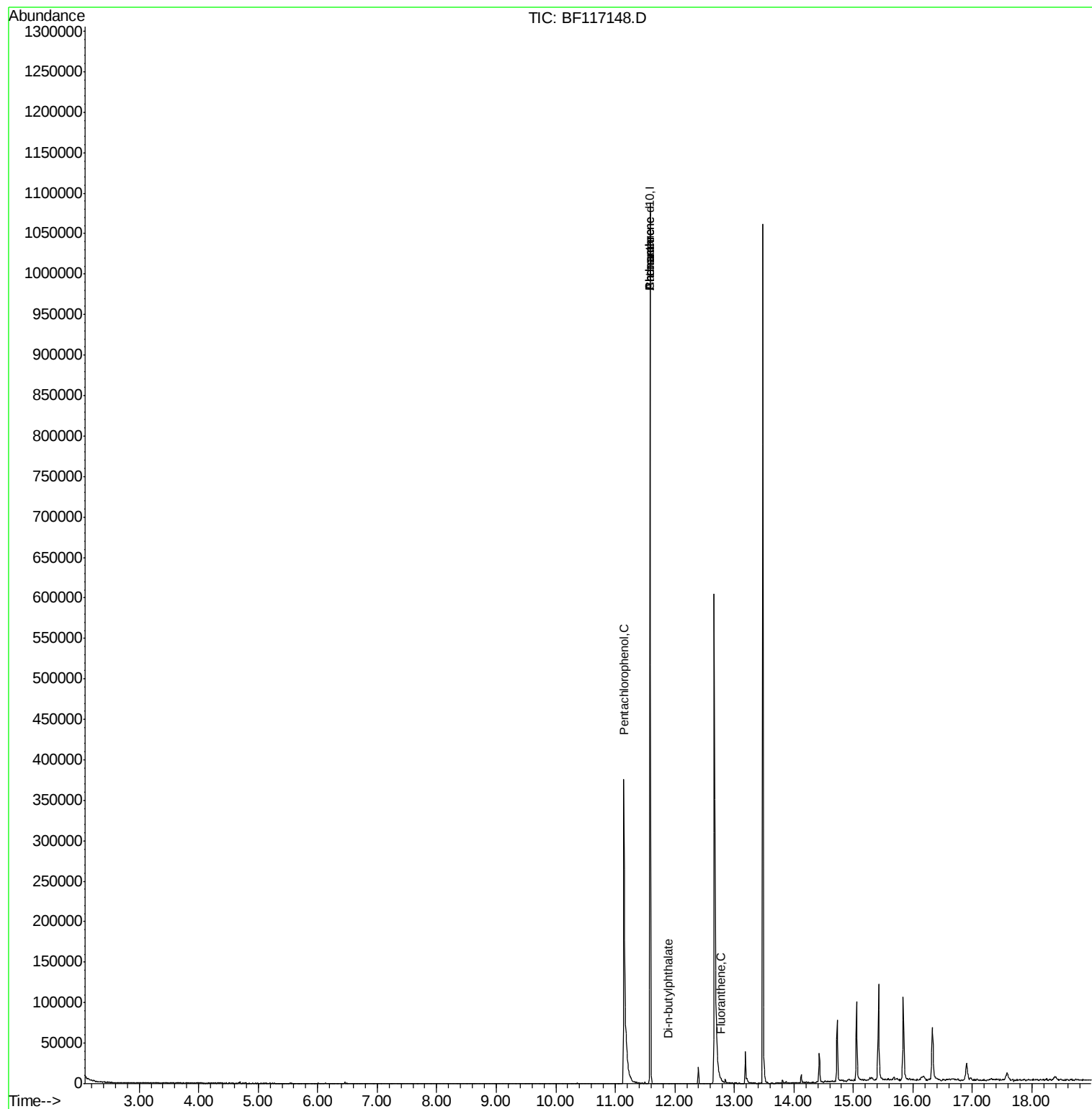
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	11.15	200	16030	Below Cal	#	38
70) Pentachlorophenol	11.15	266	76946	96683.921	ng	97
71) Phenanthrene	11.59	178	114	13.204	ng	# 1
72) Anthracene	11.59	178	114	12.934	ng	# 1
73) Carbazole	11.59	167	4765	569.536	ng	# 83
74) Di-n-butylphthalate	11.89	149	337	33.855	ng	# 77
75) Fluoranthene	12.78	202	323	36.411	ng	64

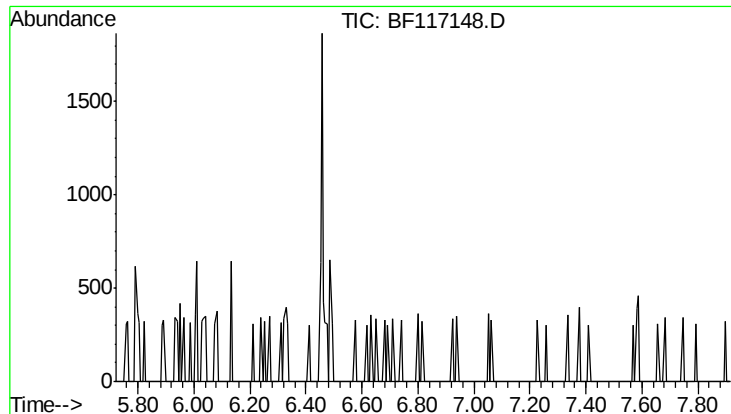
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117148.D
Acq On : 18 Sep 2019 16:49
Operator : HP/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 19 05:13:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 6.82 min

Lab File: BF117148.D

Acq: 18 Sep 2019 16:49

Instrument :

BNA_F

ClientSampleId :

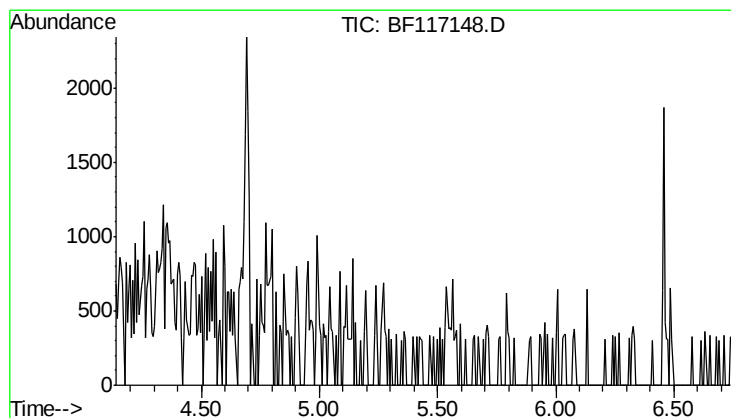
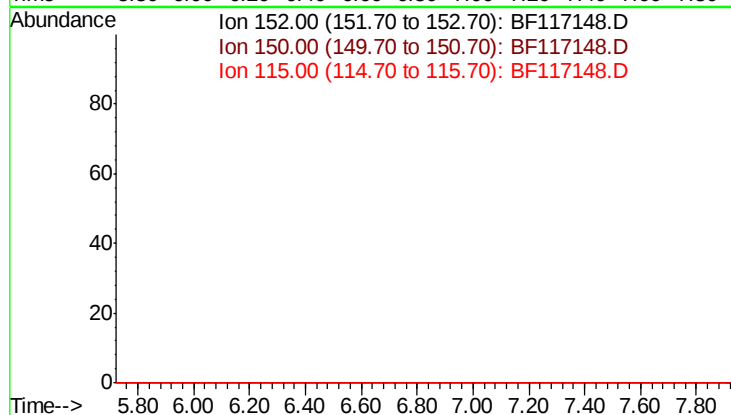
Tot Ion: 152

Sig Exp Ratio

152 100

150 159.4

115 68.7



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.44 min

Lab File: BF117148.D

Acq: 18 Sep 2019 16:49

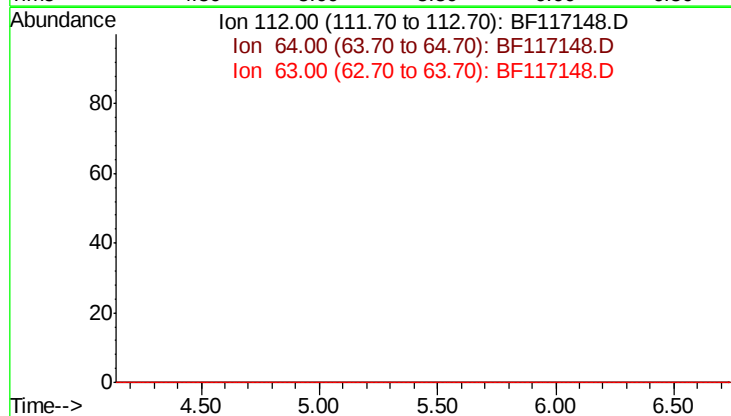
Tgt Ion: 112

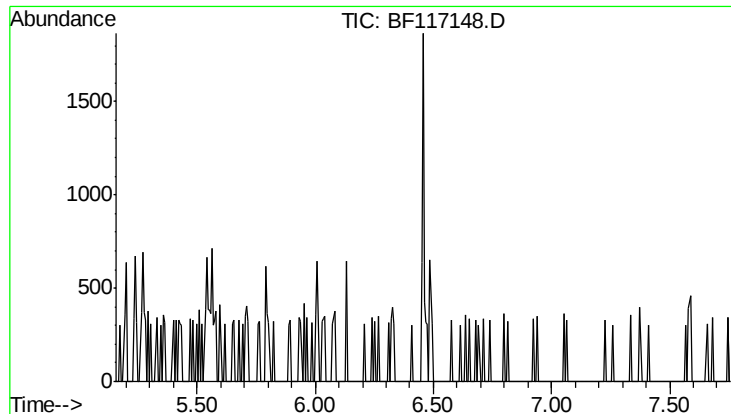
Sig Exp Ratio

112 100

64 57.1

63 31.1





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.46 min

Lab File: BF117148.D

Acq: 18 Sep 2019 16:49

Instrument :

BNA_F

ClientSampleId :

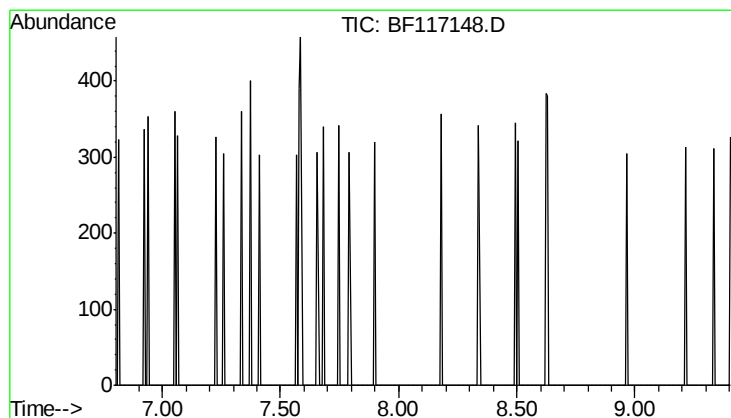
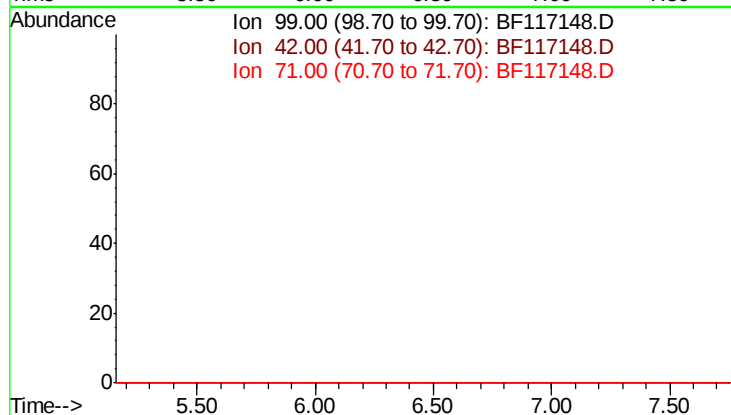
Tot Ion: 99

Sig Exp Ratio

99 100

42 15.2

71 37.3



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.10 min

Lab File: BF117148.D

Acq: 18 Sep 2019 16:49

Tgt Ion: 136

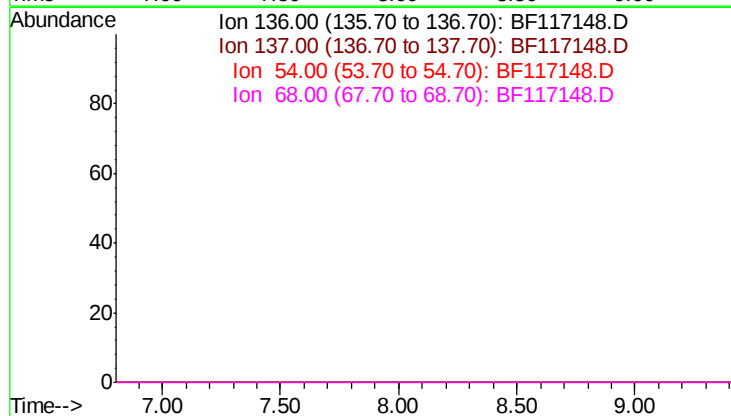
Sig Exp Ratio

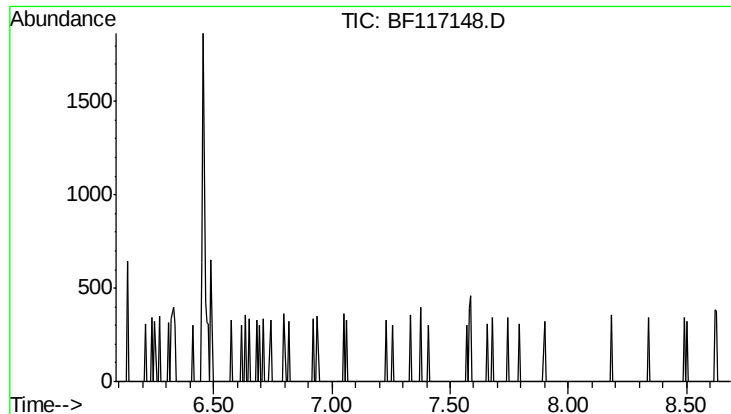
136 100

137 11.2

54 5.6

68 5.0

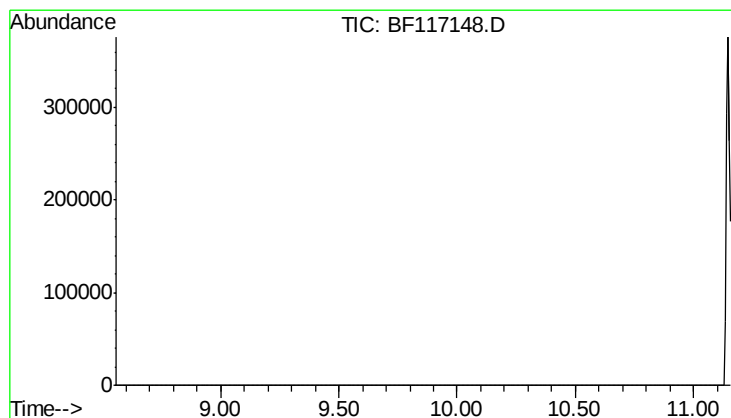
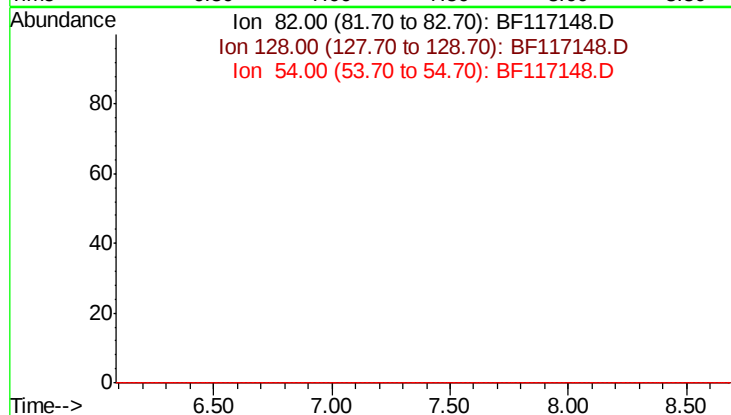




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.39 min
 Lab File: BF117148.D
 Acq: 18 Sep 2019 16:49

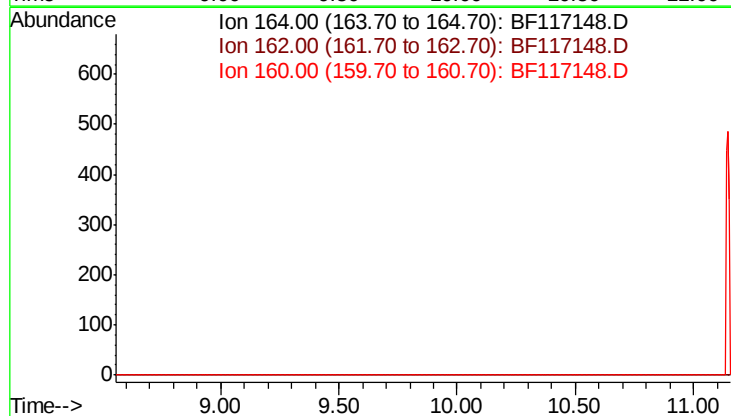
Instrument :
 BNA_F
 ClientSampleId :

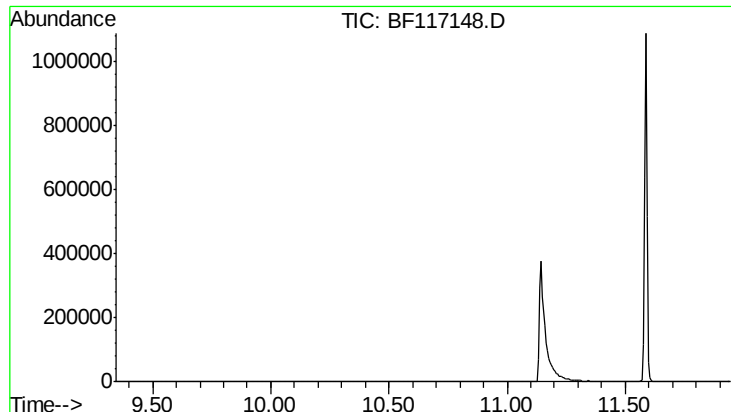
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 40.4
 54 41.6



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.86 min
 Lab File: BF117148.D
 Acq: 18 Sep 2019 16:49

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 104.3
 160 45.5





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.65 min

Lab File: BF117148.D

Acq: 18 Sep 2019 16:49

Instrument :

BNA_F

ClientSampleId :

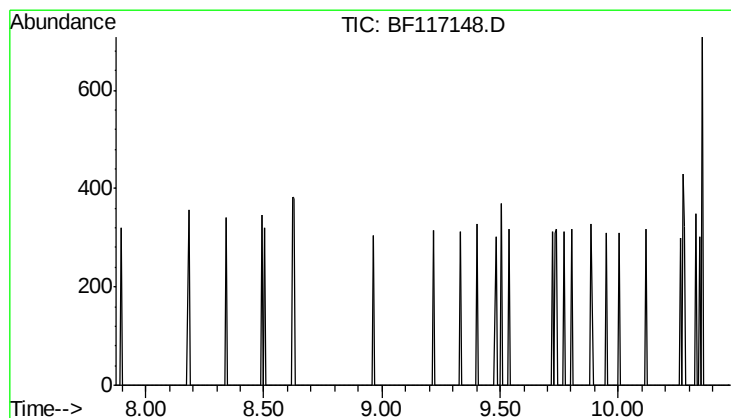
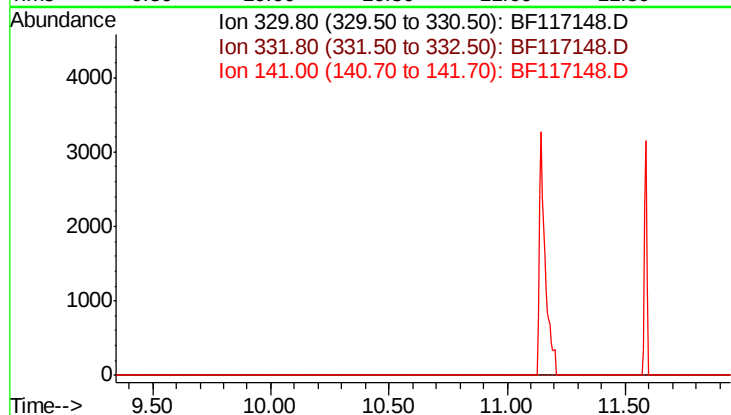
Tot Ion: 330

Sig Exp Ratio

330 100

332 97.5

141 44.7



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.17 min

Lab File: BF117148.D

Acq: 18 Sep 2019 16:49

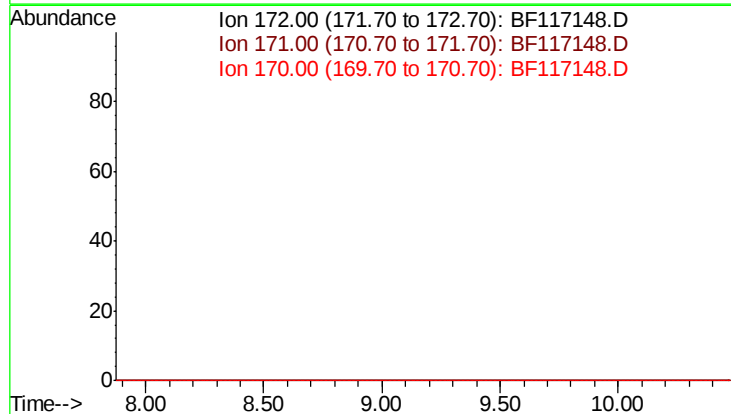
Tgt Ion: 172

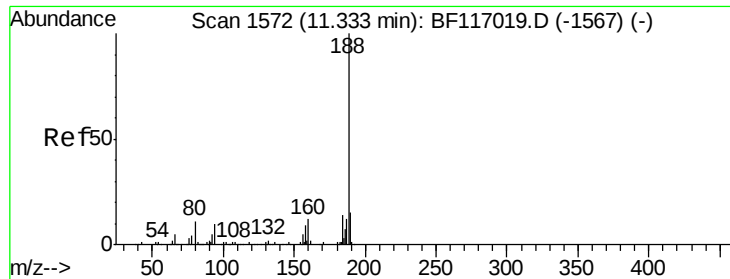
Sig Exp Ratio

172 100

171 35.2

170 23.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.25 min

Lab File: BF117148.D

Acq: 18 Sep 2019 16:49

Instrument :

BNA_F

ClientSampleId :

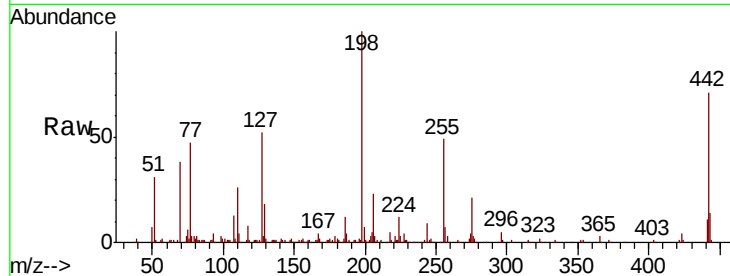
Tot Ion:188 Resp: 152

Ion Ratio Lower Upper

188 100

94 87.7 8.2 12.2#

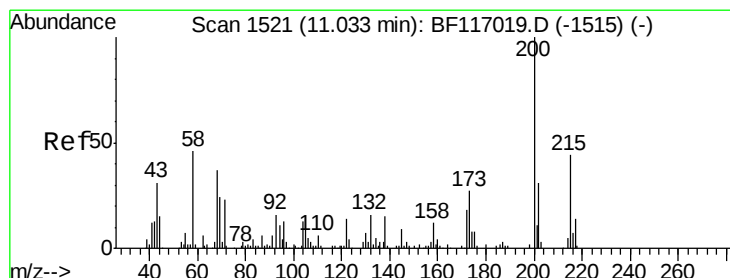
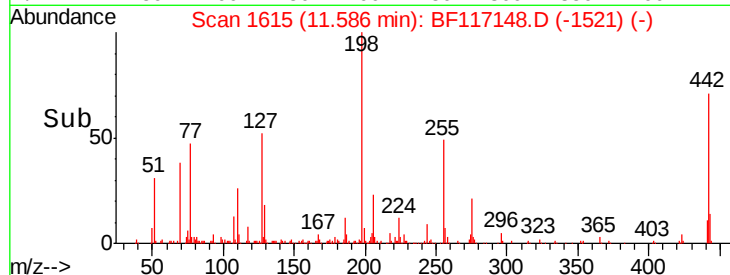
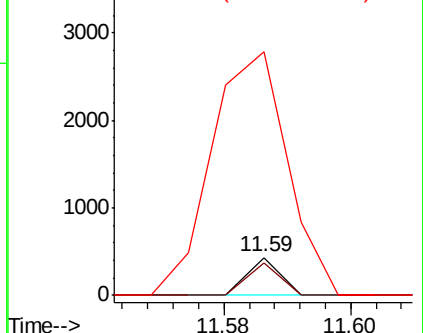
80 647.9 9.0 13.6#



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: Below Cal

RT: 11.15 min Scan# 1540

Delta R.T. 0.11 min

Lab File: BF117148.D

Acq: 18 Sep 2019 16:49

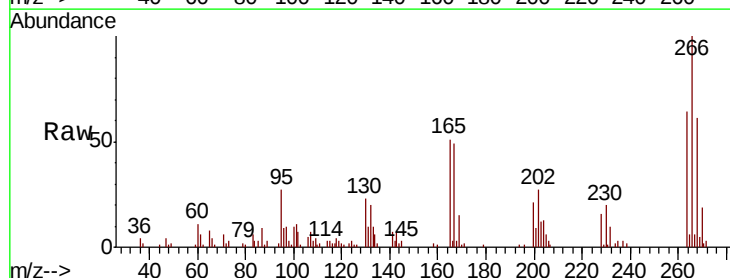
Tgt Ion:200 Resp: 16030

Ion Ratio Lower Upper

200 100

173 0.0 6.9 46.9#

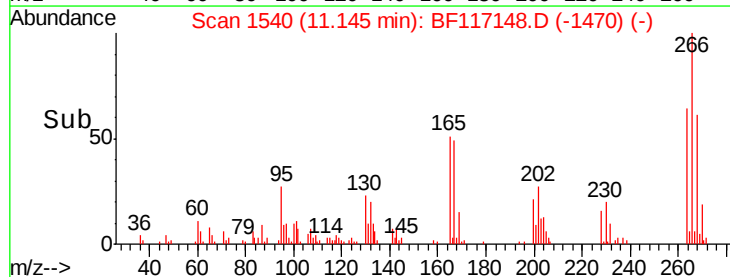
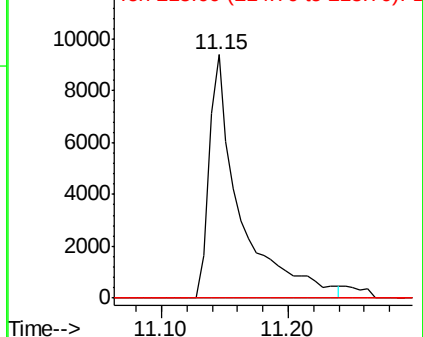
215 0.0 23.8 63.8#

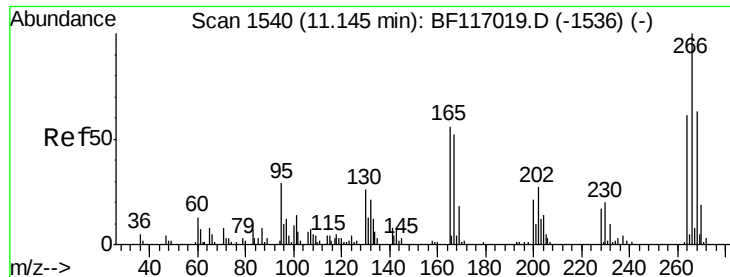


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

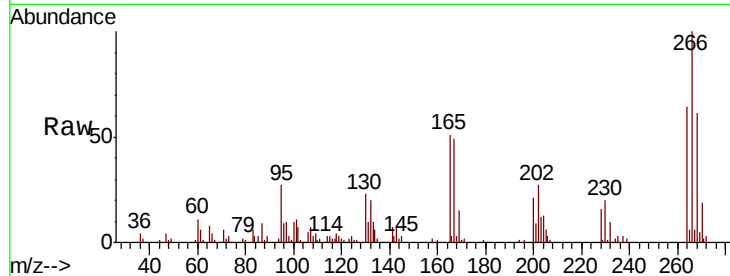




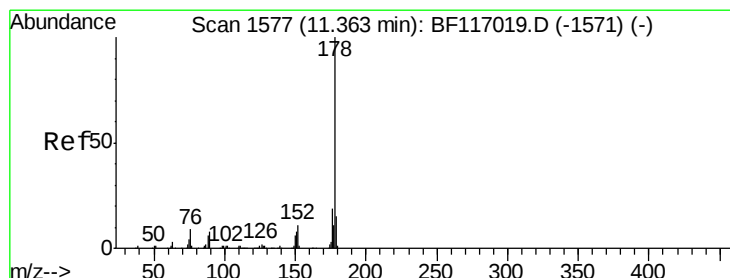
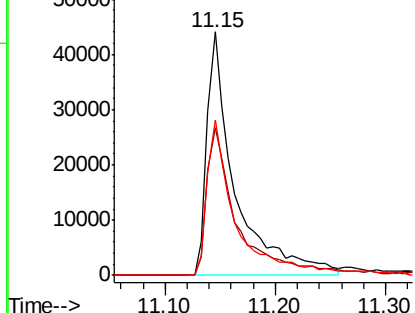
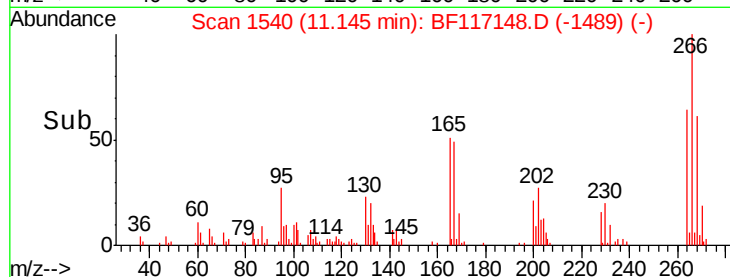
#70
 Pentachlorophenol
 Concen: 96683.921 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117148.D
 Acq: 18 Sep 2019 16:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 76946
 Ion Ratio Lower Upper
 266 100
 268 60.7 50.5 75.7
 264 63.8 48.8 73.2

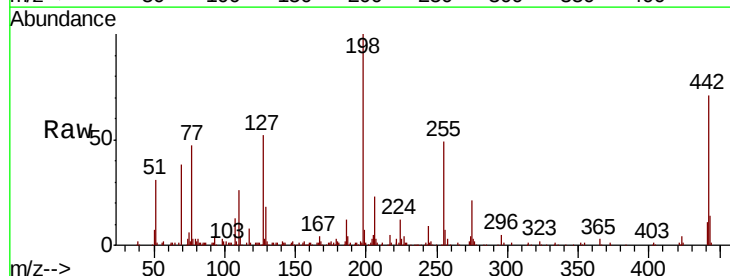


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

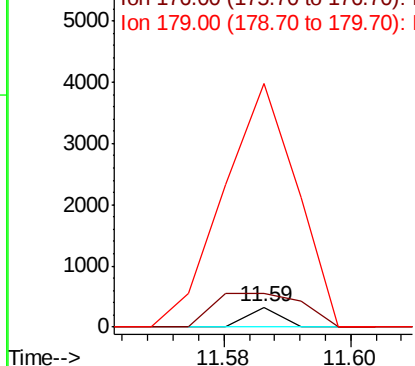
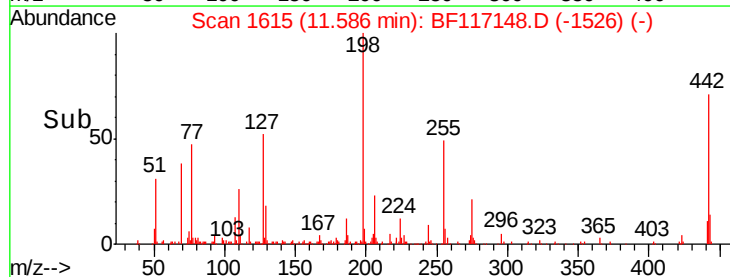


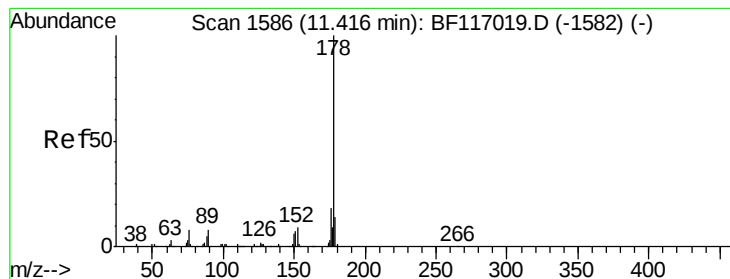
#71
 Phenanthrene
 Concen: 13.204 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.22 min
 Lab File: BF117148.D
 Acq: 18 Sep 2019 16:49

Tgt Ion:178 Resp: 114
 Ion Ratio Lower Upper
 178 100
 176 170.7 15.4 23.2#
 179 1227.5 12.4 18.6#



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





#72

Anthracene

Concen: 12.934 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.17 min

Lab File: BF117148.D

Acq: 18 Sep 2019 16:49

Instrument :

BNA_F

ClientSampleId :

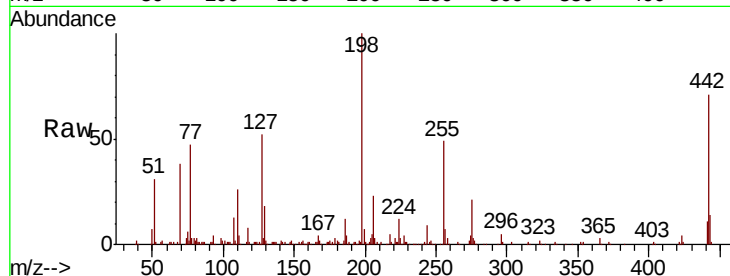
Tot Ion:178 Resp: 114

Ion Ratio Lower Upper

178 100

176 170.7 14.6 21.8#

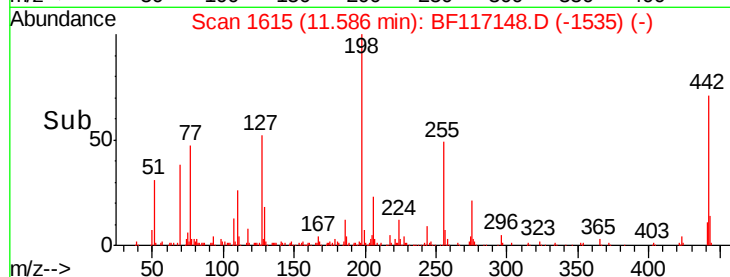
179 1227.5 11.6 17.4#



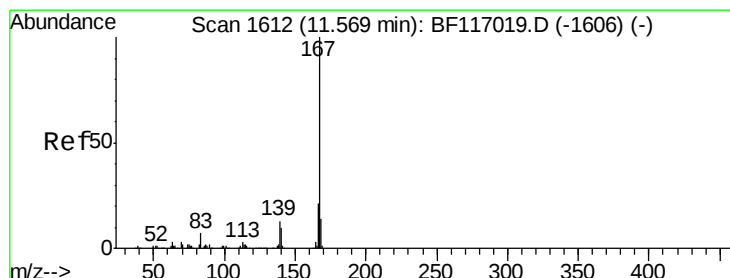
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 569.536 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.02 min

Lab File: BF117148.D

Acq: 18 Sep 2019 16:49

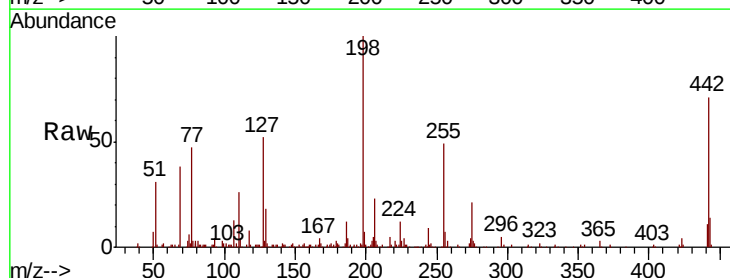
Tgt Ion:167 Resp: 4765

Ion Ratio Lower Upper

167 100

166 18.4 17.2 25.8

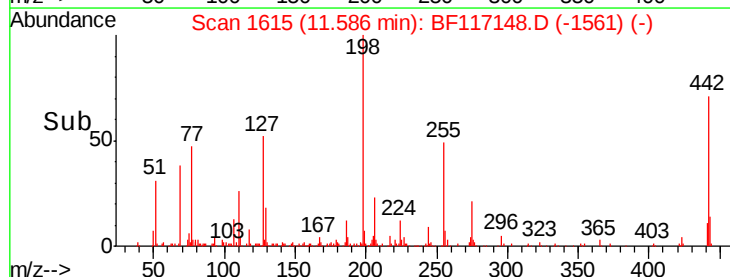
139 0.0 10.6 16.0#



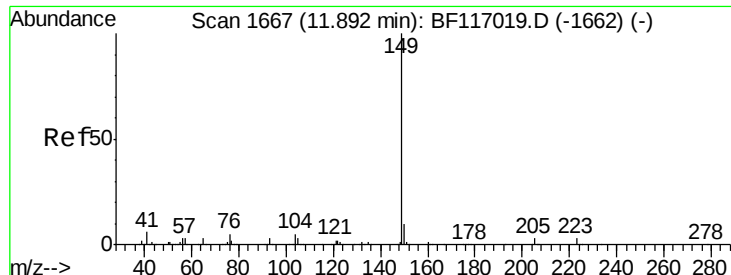
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 33.855 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF117148.D

Acq: 18 Sep 2019 16:49

Instrument :

BNA_F

ClientSampleId :

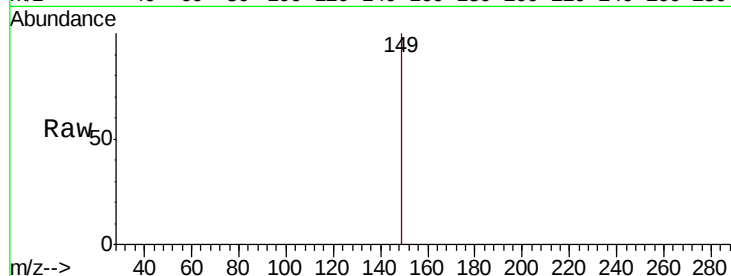
Tot Ion:149 Resp: 337

Ion Ratio Lower Upper

149 100

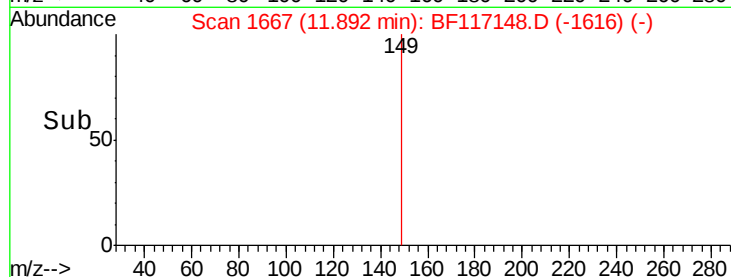
150 0.0 7.7 11.5#

104 0.0 4.2 6.4#

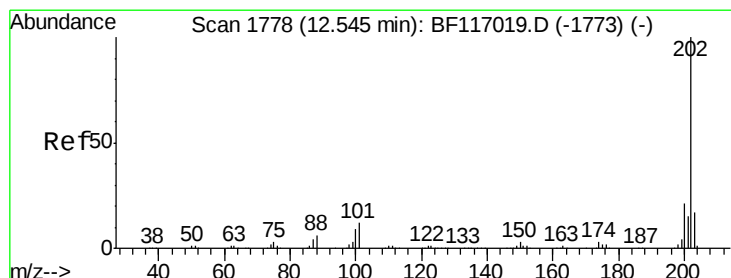


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

11.89



Time-->



#75

Fluoranthene

Concen: 36.411 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.24 min

Lab File: BF117148.D

Acq: 18 Sep 2019 16:49

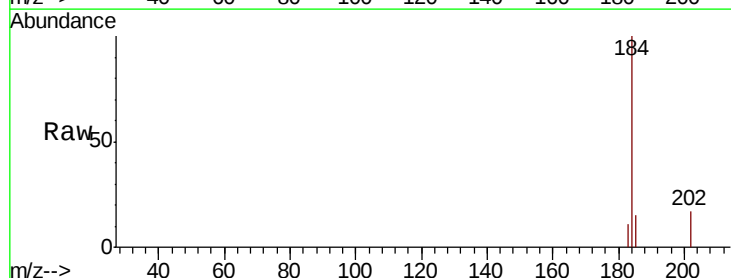
Tgt Ion:202 Resp: 323

Ion Ratio Lower Upper

202 100

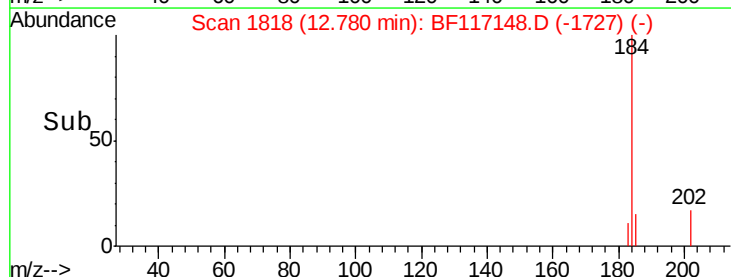
101 0.0 0.0 32.3

203 0.0 0.0 37.1

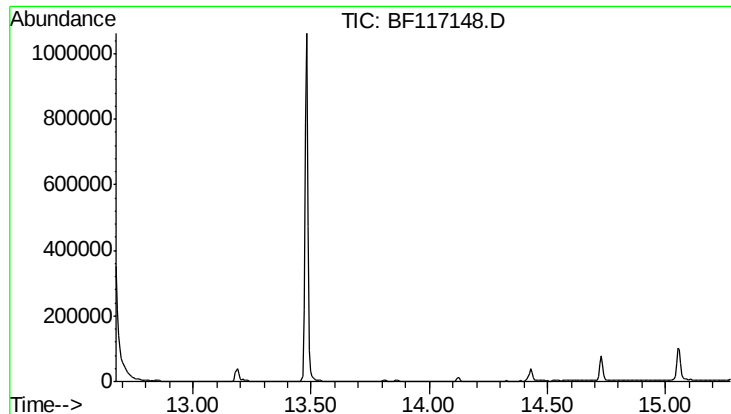


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

12.78



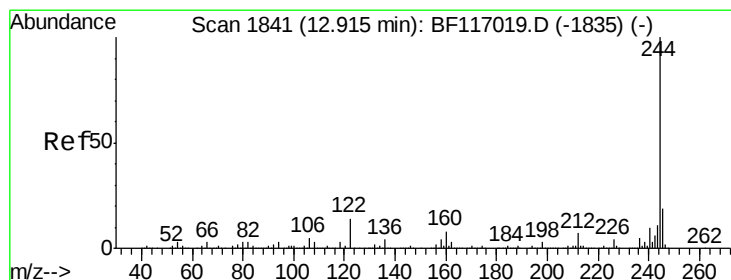
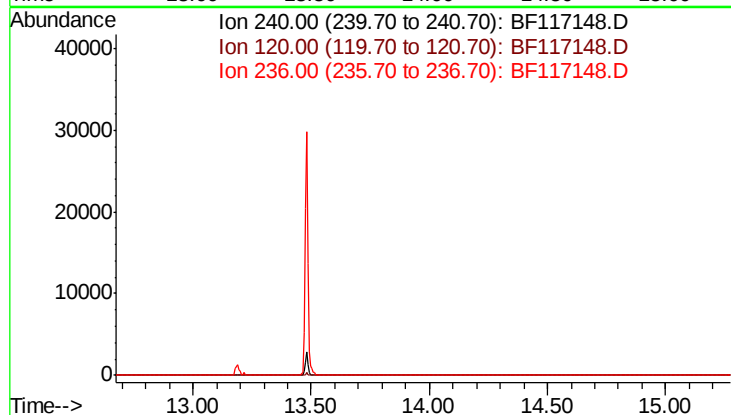
Time-->



#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 13.97 min
 Lab File: BF117148.D
 Acq: 18 Sep 2019 16:49

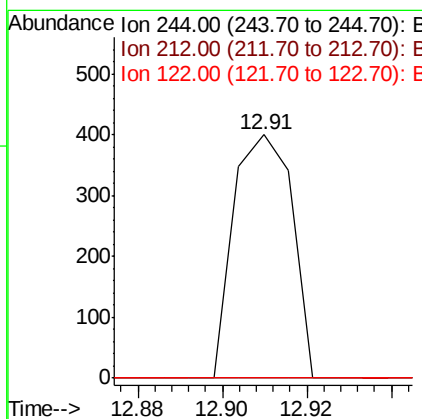
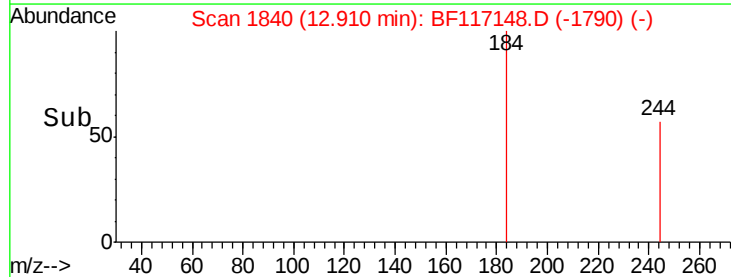
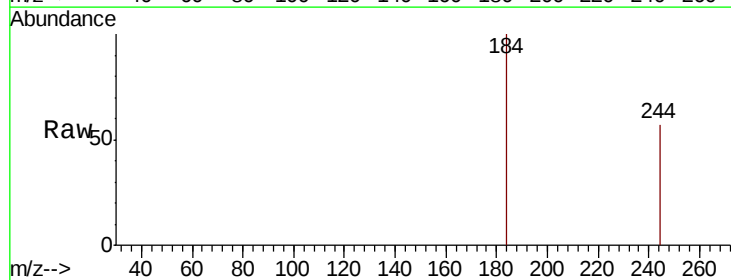
Instrument :
 BNA_F
 ClientSampleId :

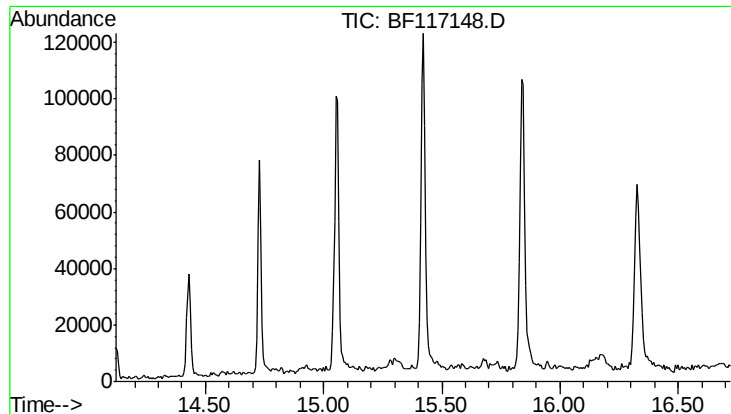
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 10.4
 236 25.4



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117148.D
 Acq: 18 Sep 2019 16:49

Tgt Ion: 244 Resp: 384
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.8 8.8#
 122 0.0 11.3 16.9#





#87
 Pervlene-d12
 Concen: 0.000 ng
 Expected RT: 15.42 min
 Lab File: BF117148.D
 Acq: 18 Sep 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264
 Sig Exp Ratio
 264 100
 260 22.0
 265 20.7

