

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115492.D
 Acq On : 11 Jul 2019 9:49
 Operator : HP/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 03:09:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 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	-6.90
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.18
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.94
64) Phenanthrene-d10	11.67	188	419	20.00	ng	0.25
76) Chrysene-d12	0.00	240	0	0.00	ng	-14.07
87) Perylene-d12	0.00	264	0	0.00	ng	-15.56

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	13.00	244	1383	0.00	ng	-0.01

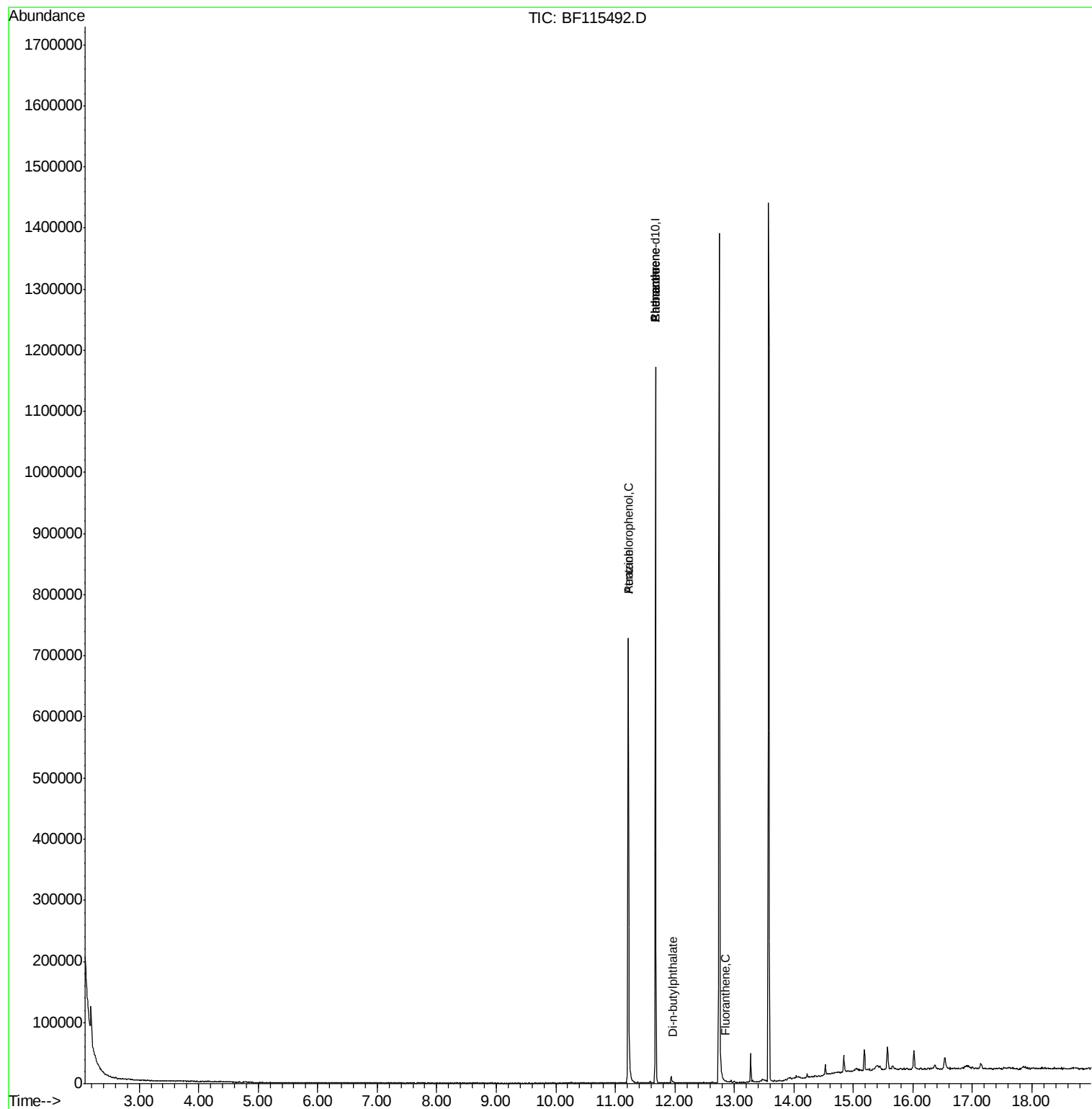
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	11.22	200	17951	4393.606	ng	# 36
70) Pentachlorophenol	11.22	266	105185	32715.438	ng	# 100
71) Phenanthrene	11.67	178	278	12.616	ng	# 1
72) Anthracene	11.67	178	278	12.581	ng	# 1
73) Carbazole	11.67	167	5664	280.179	ng	# 78
74) Di-n-butylphthalate	11.97	149	751	30.739	ng	# 78
75) Fluoranthene	12.86	202	910	39.220	ng	# 62

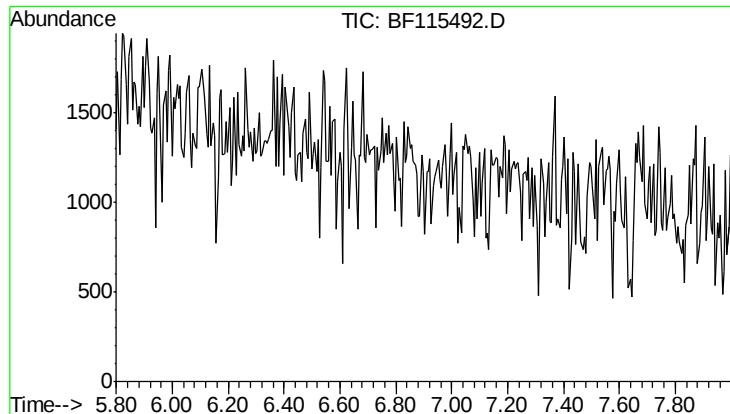
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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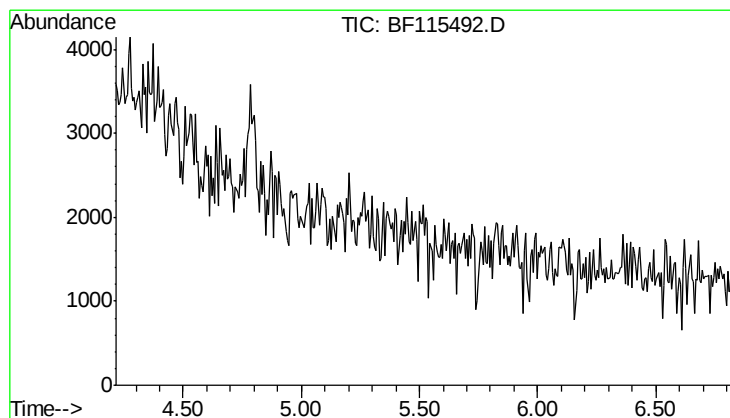
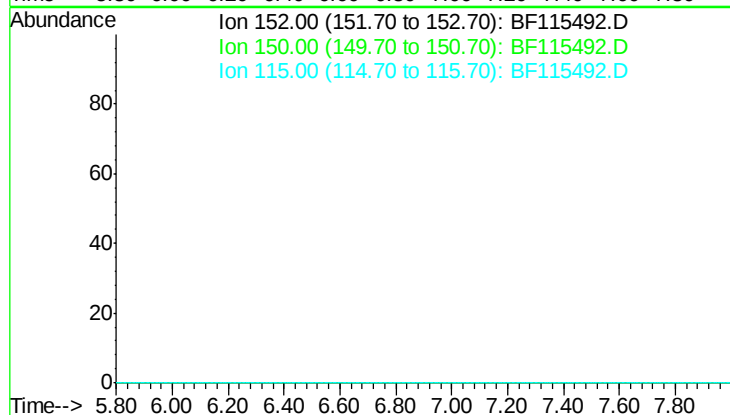




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.90 min
 Lab File: BF115492.D
 Acq: 11 Jul 2019 9:49

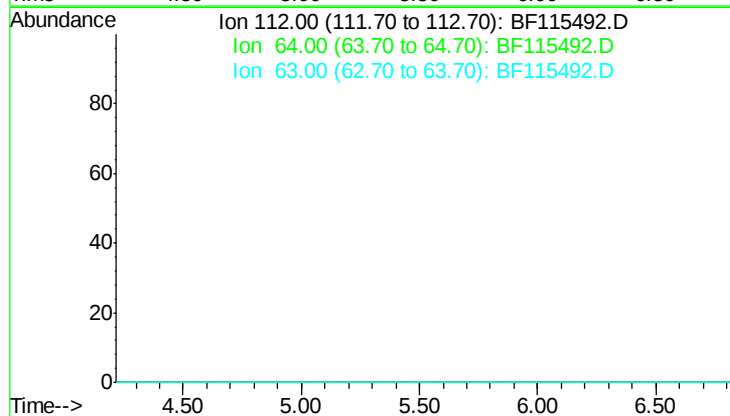
Instrument :
 BNA_F
 ClientSampleId :

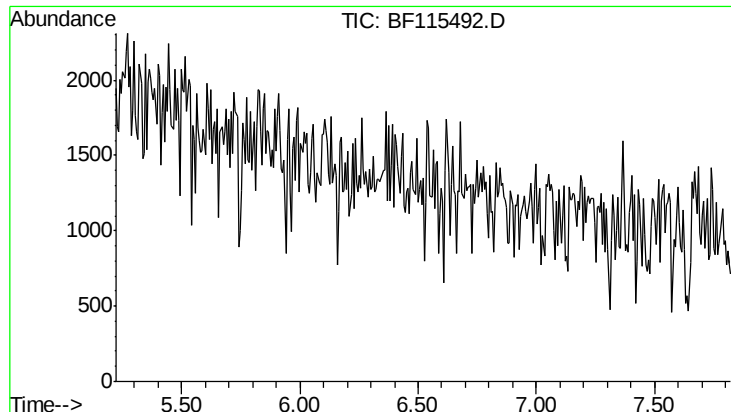
Tot Ion	152
Sig	Exp Ratio
152	100
150	159.3
115	57.8



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.52 min
 Lab File: BF115492.D
 Acq: 11 Jul 2019 9:49

Tgt Ion	112
Sig	Exp Ratio
112	100
64	55.2
63	27.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.52 min

Lab File: BF115492.D

Acq: 11 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

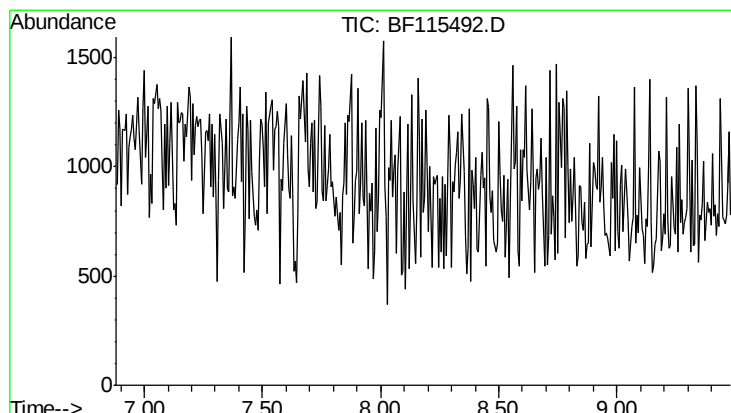
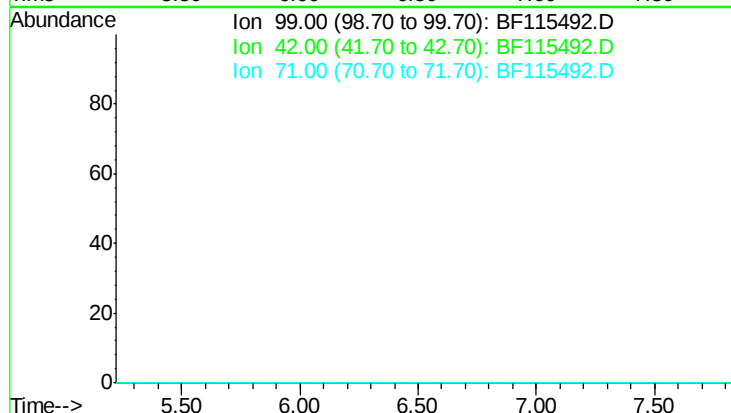
Tot Ion: 99

Sig Exp Ratio

99 100

42 16.0

71 33.1



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.18 min

Lab File: BF115492.D

Acq: 11 Jul 2019 9:49

Tgt Ion: 136

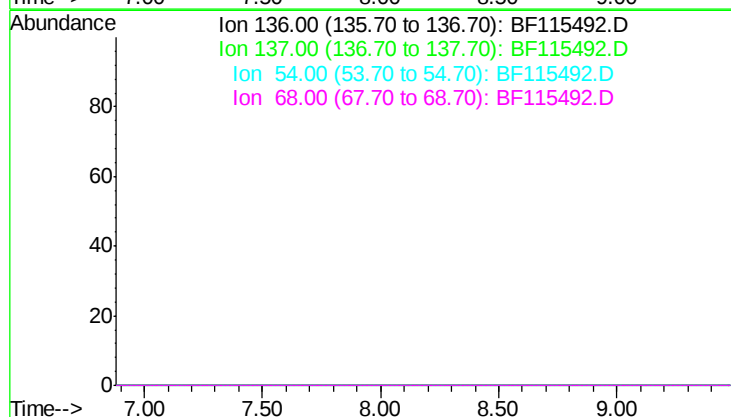
Sig Exp Ratio

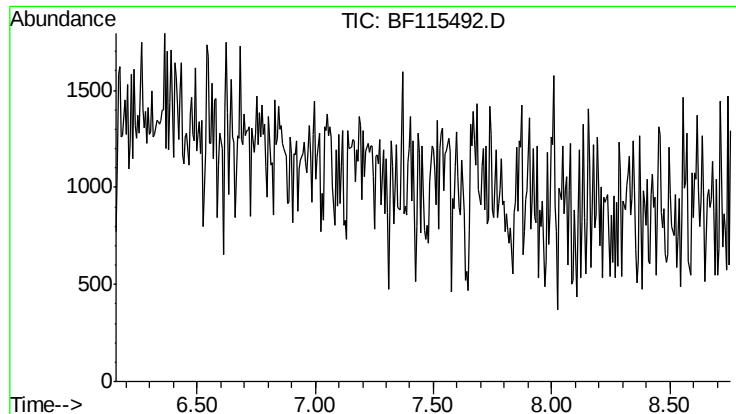
136 100

137 11.0

54 6.7

68 6.0

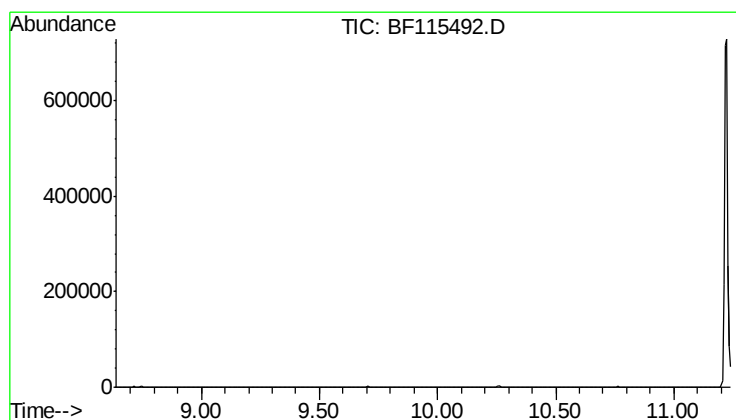
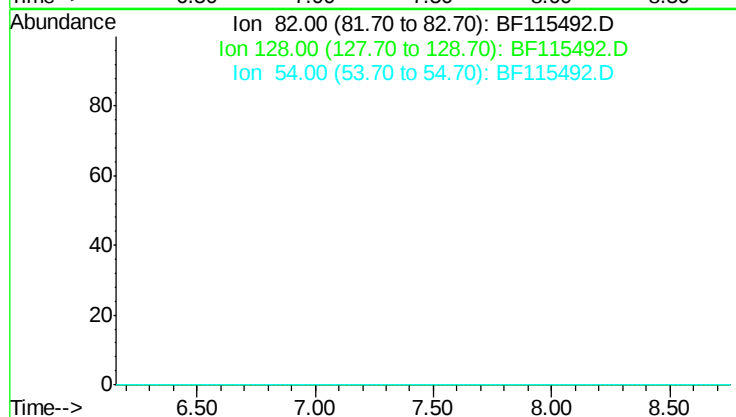




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.46 min
 Lab File: BF115492.D
 Acq: 11 Jul 2019 9:49

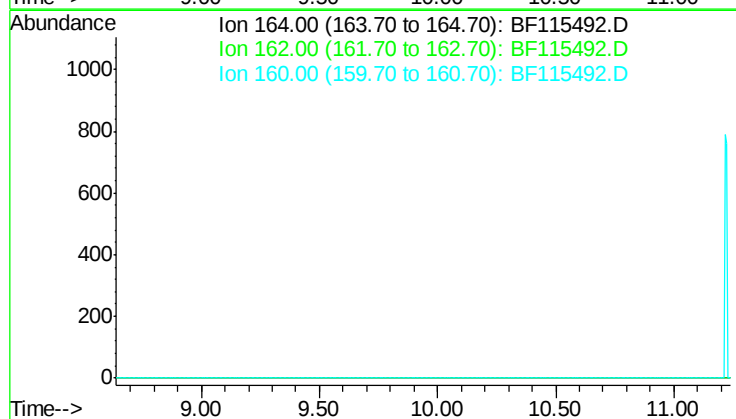
Instrument :
 BNA_F
 ClientSampleId :

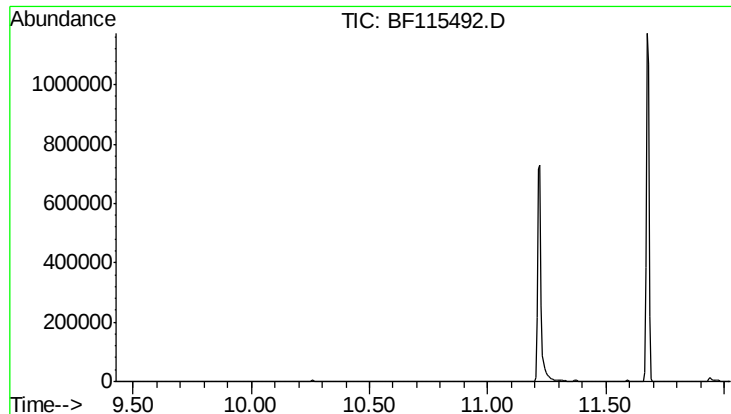
Tot Ion	82
Sig	Exp Ratio
82	100
128	45.9
54	44.5



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.94 min
 Lab File: BF115492.D
 Acq: 11 Jul 2019 9:49

Tgt Ion	164
Sig	Exp Ratio
164	100
162	102.9
160	46.5





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.73 min

Lab File: BF115492.D

Acq: 11 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

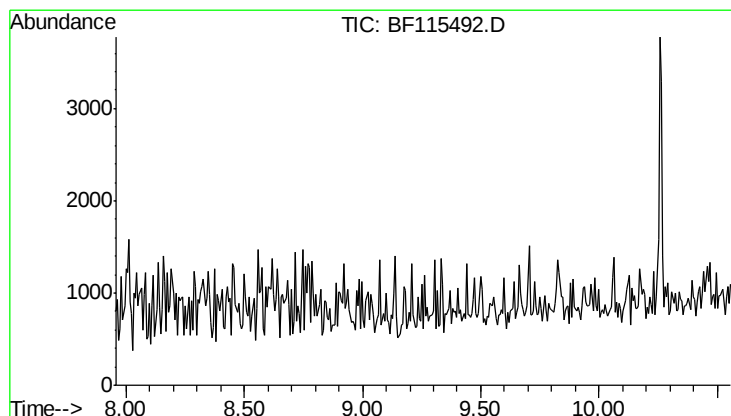
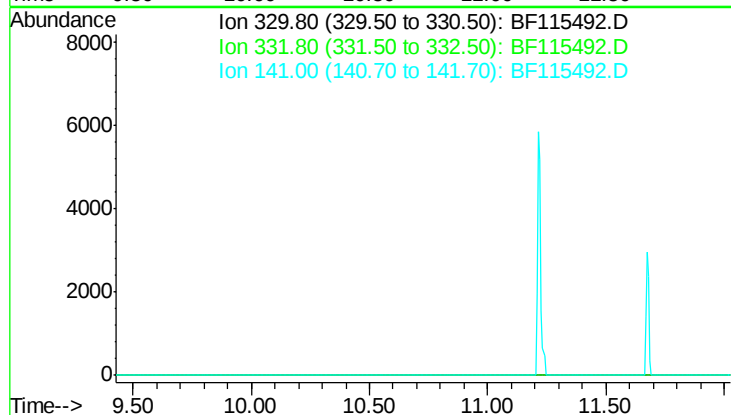
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.7

141 30.9



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.26 min

Lab File: BF115492.D

Acq: 11 Jul 2019 9:49

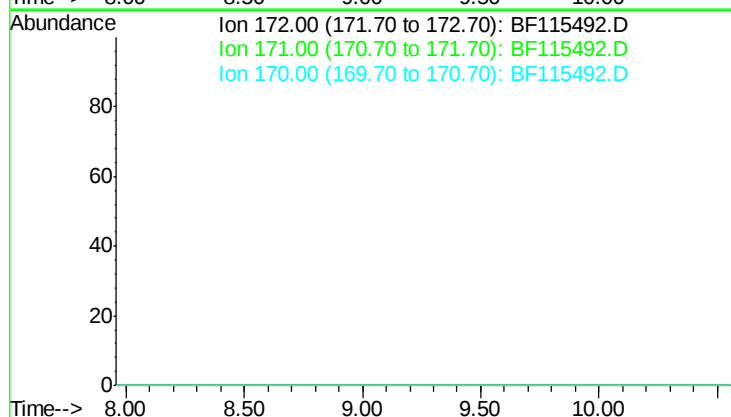
Tgt Ion: 172

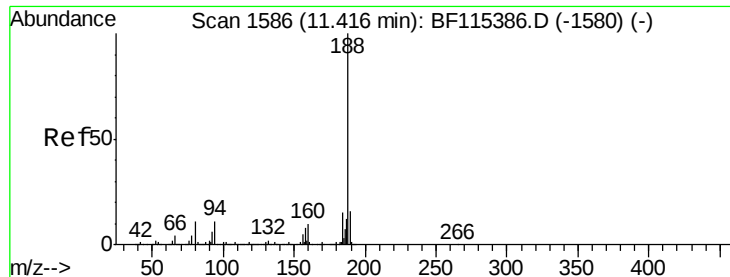
Sig Exp Ratio

172 100

171 37.3

170 25.0

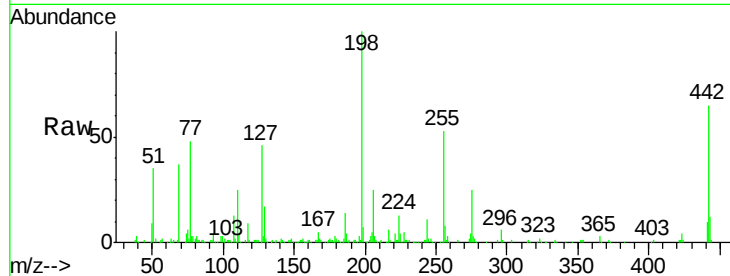




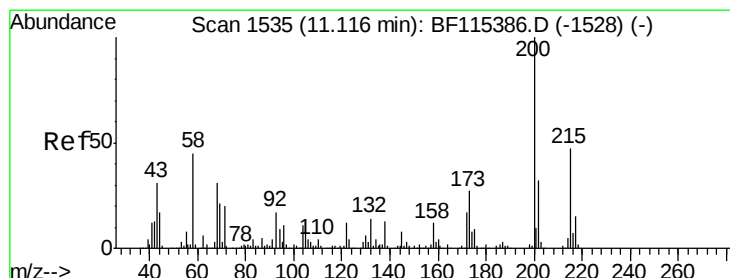
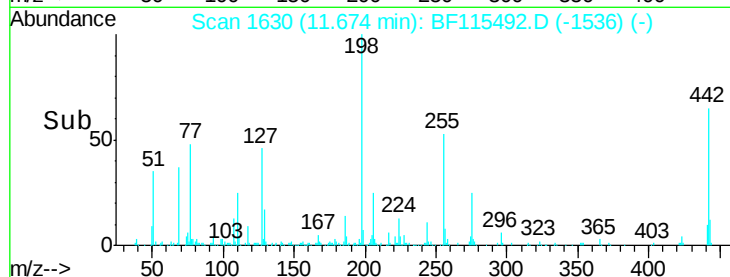
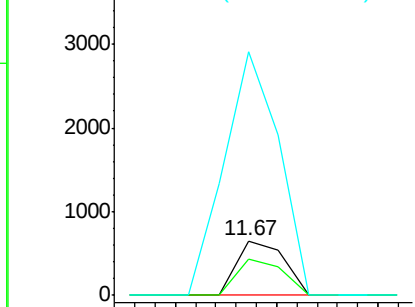
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.67 min Scan# 1630
Delta R.T. 0.25 min
Lab File: BF115492.D
Acq: 11 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 419
Ion Ratio Lower Upper
188 100
94 66.3 7.8 11.8#
80 446.0 8.4 12.6#

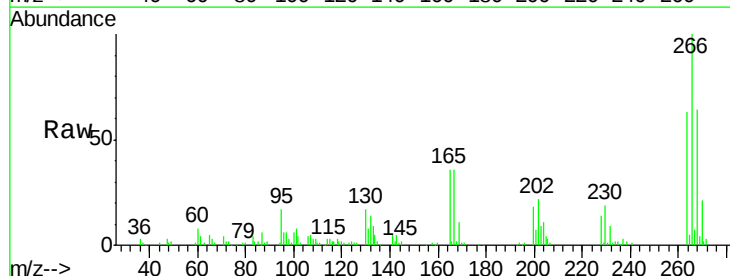


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

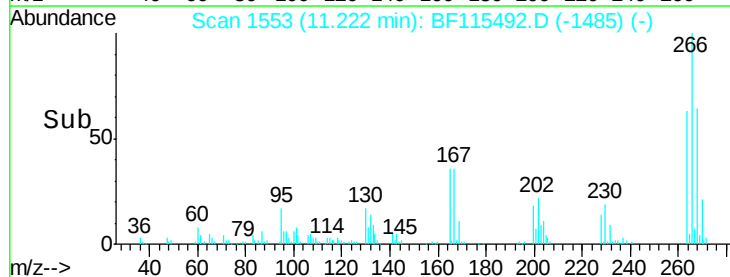
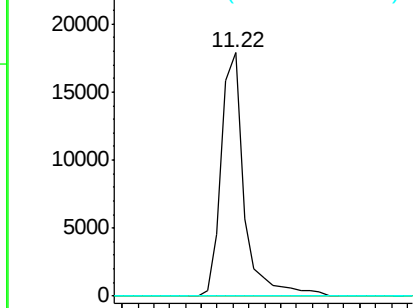


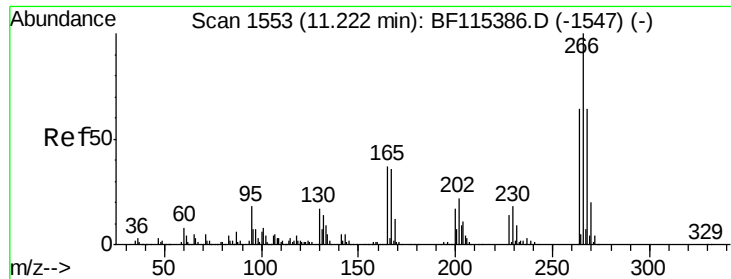
#69
Atrazine
Concen: 4393.606 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.10 min
Lab File: BF115492.D
Acq: 11 Jul 2019 9:49

Tgt Ion:200 Resp: 17951
Ion Ratio Lower Upper
200 100
173 0.0 7.0 47.0#
215 0.0 27.8 67.8#



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

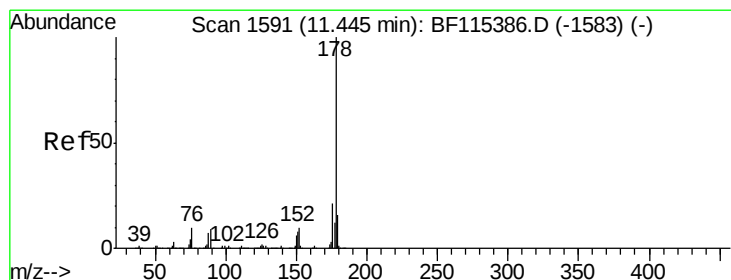
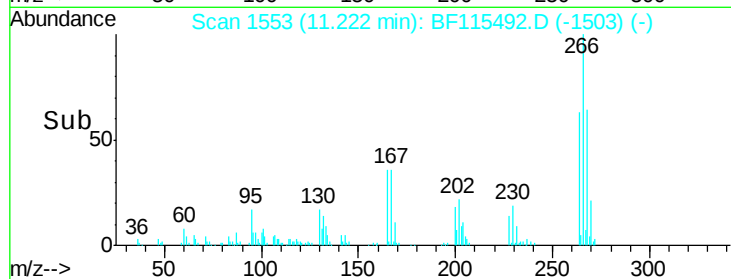
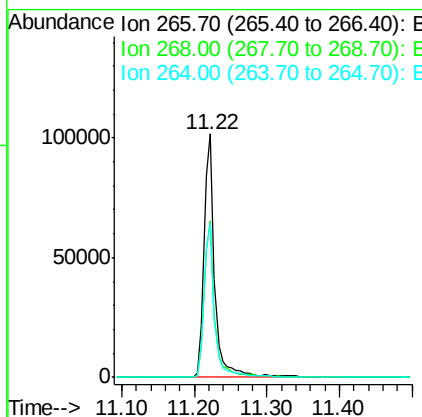
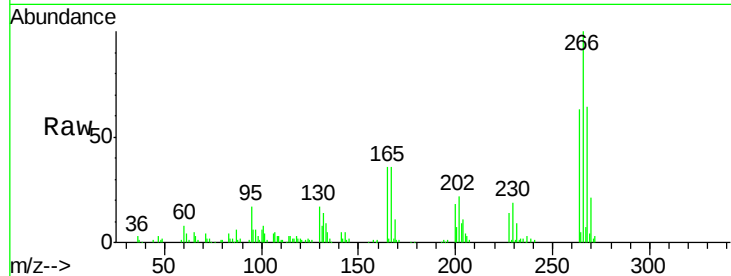




#70
 Pentachlorophenol
 Concen: 32715.438 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF115492.D
 Acq: 11 Jul 2019 9:49

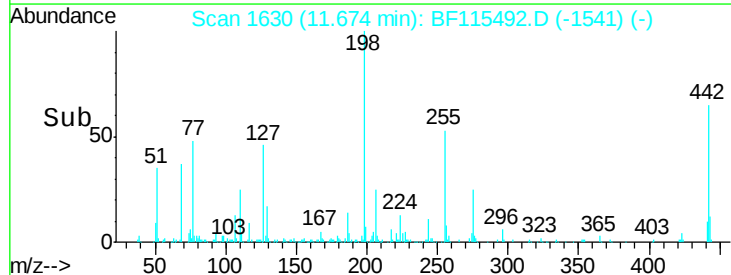
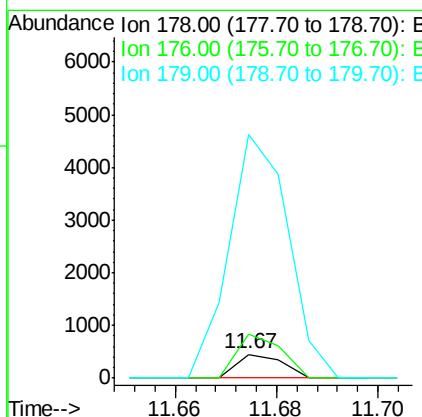
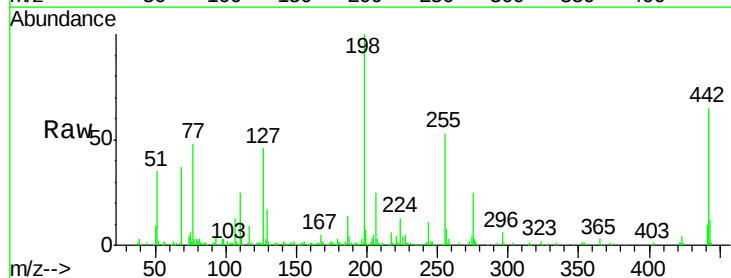
Instrument :
 BNA_F
 ClientSampled :

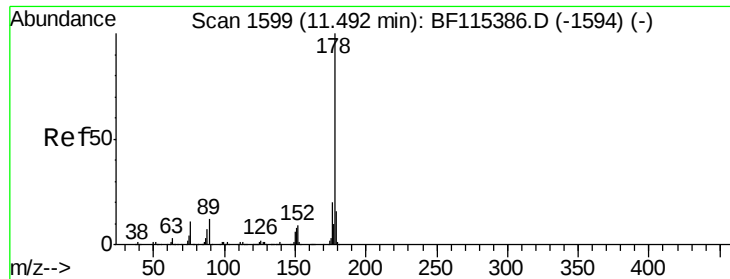
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.2	76.8
264	63.4	50.6	75.8



#71
 Phenanthrene
 Concen: 12.616 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. 0.22 min
 Lab File: BF115492.D
 Acq: 11 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	189.7	16.6	24.8#
179	1038.7	12.7	19.1#





#72

Anthracene

Concen: 12.581 ng

RT: 11.67 min Scan# 1630

Delta R.T. 0.18 min

Lab File: BF115492.D

Acq: 11 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

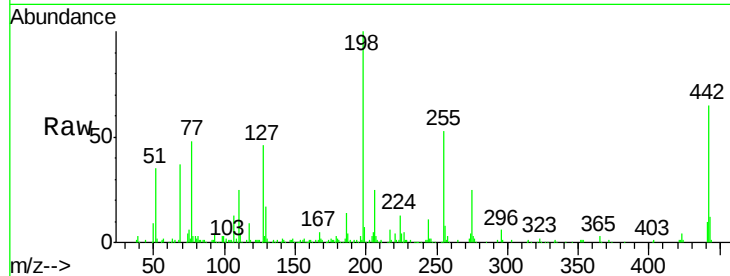
Tot Ion:178 Resp: 278

Ion Ratio Lower Upper

178 100

176 189.7 15.8 23.6#

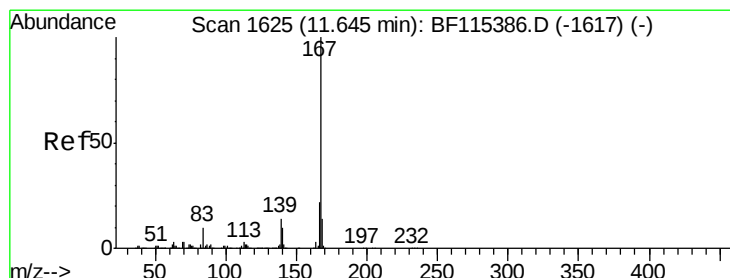
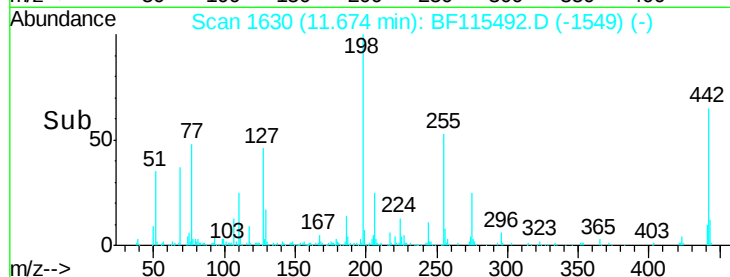
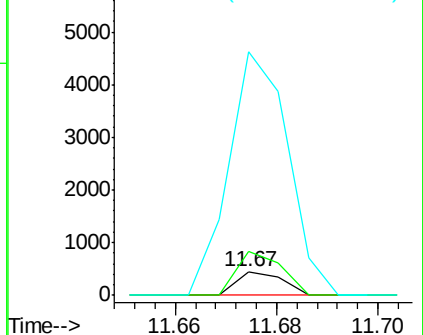
179 1038.7 13.0 19.6#



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



#73

Carbazole

Concen: 280.179 ng

RT: 11.67 min Scan# 1630

Delta R.T. 0.02 min

Lab File: BF115492.D

Acq: 11 Jul 2019 9:49

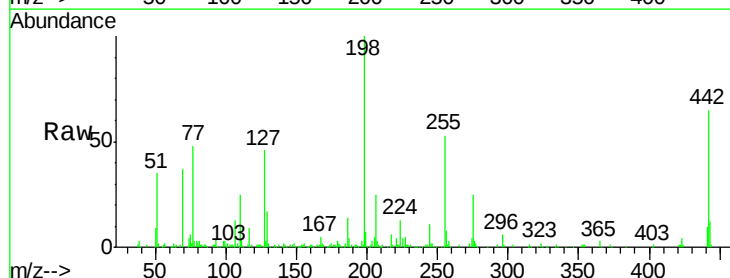
Tgt Ion:167 Resp: 5664

Ion Ratio Lower Upper

167 100

166 15.4 17.8 26.8#

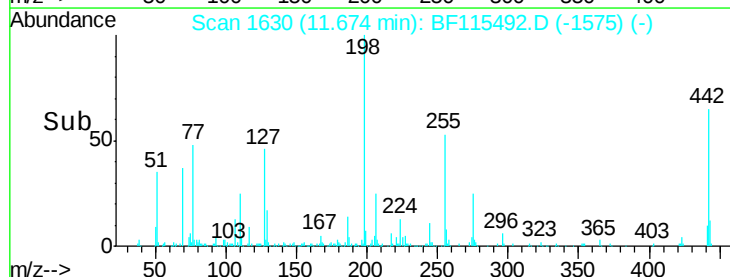
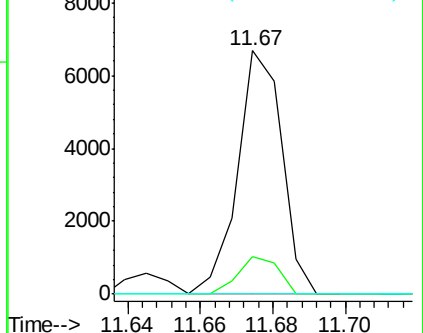
139 0.0 10.9 16.3#

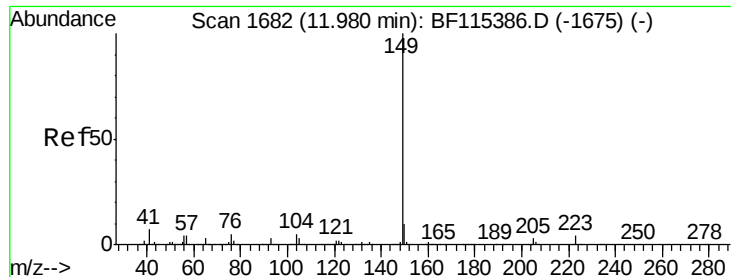


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 30.739 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF115492.D

Acq: 11 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

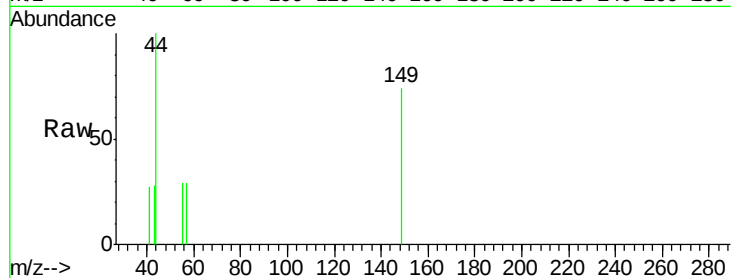
Tot Ion:149 Resp: 751

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

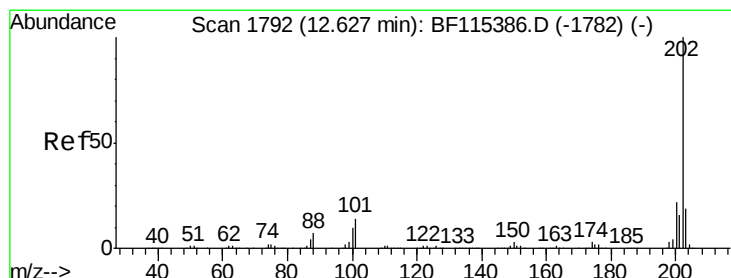
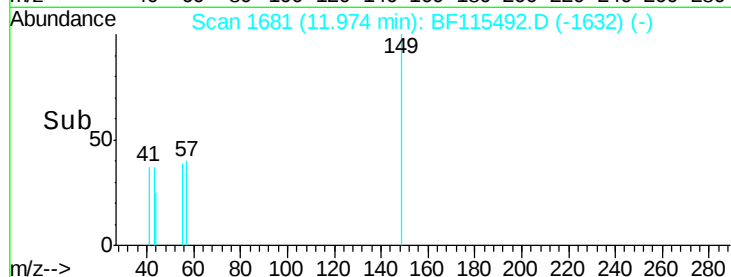
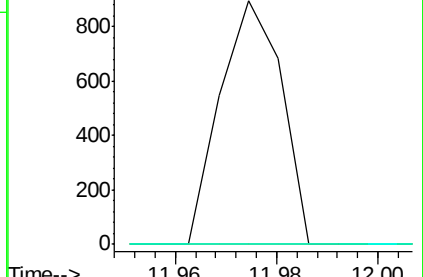
104 0.0 3.9 5.9#



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: 39.220 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.22 min

Lab File: BF115492.D

Acq: 11 Jul 2019 9:49

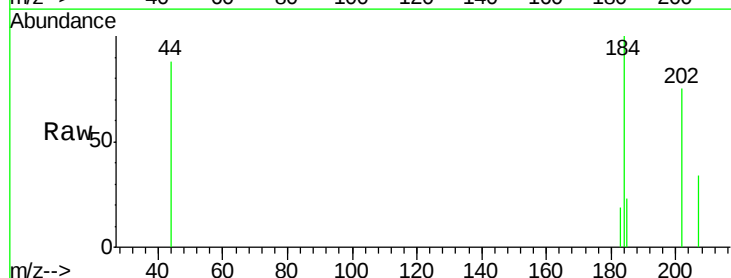
Tgt Ion:202 Resp: 910

Ion Ratio Lower Upper

202 100

101 0.0 0.0 33.9

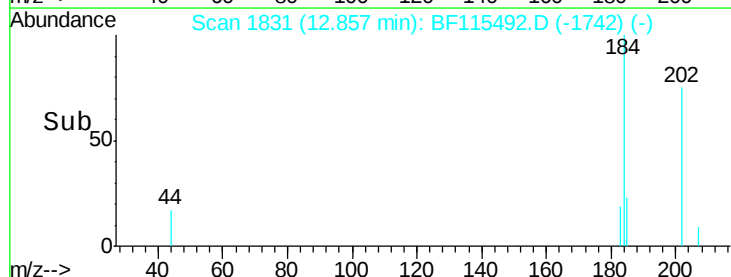
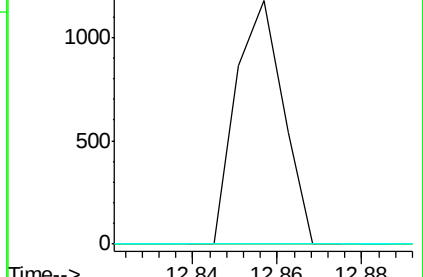
203 0.0 0.0 38.4

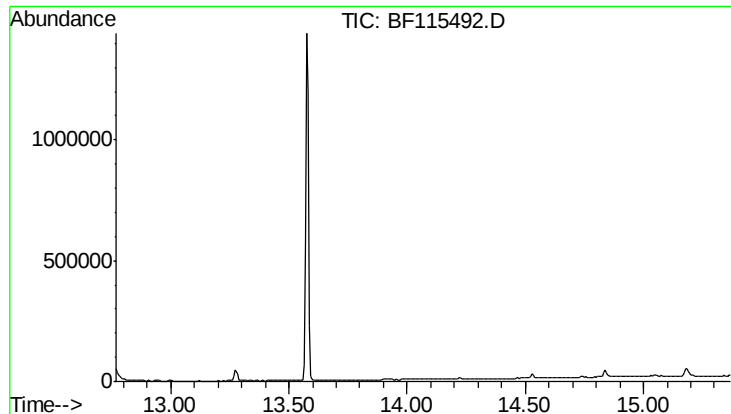


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

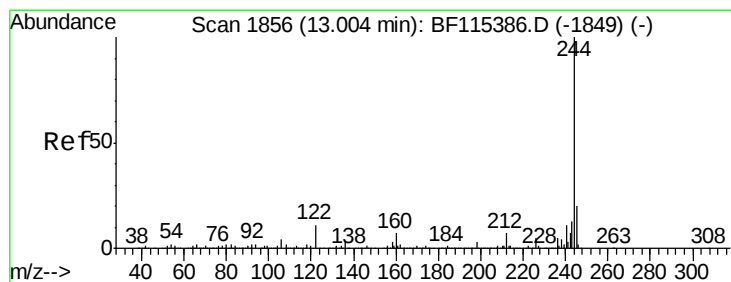
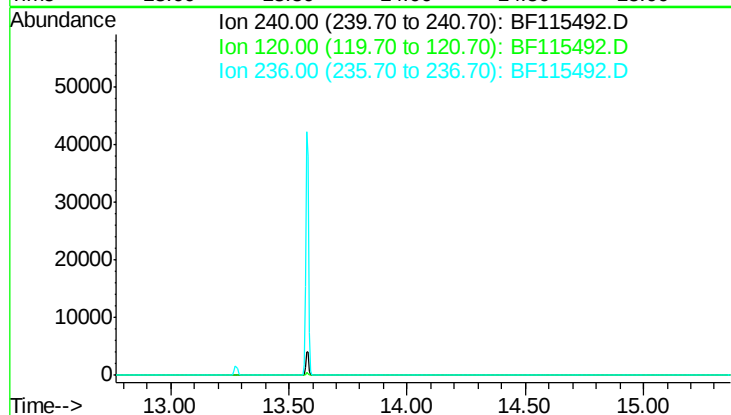




#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 14.07 min
 Lab File: BF115492.D
 Acq: 11 Jul 2019 9:49

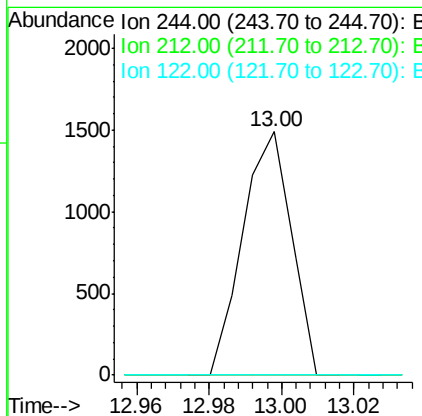
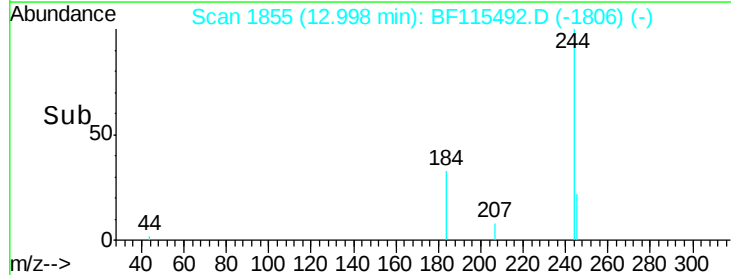
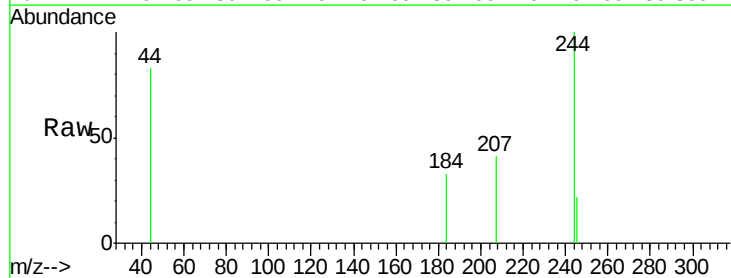
Instrument :
 BNA_F
 ClientSampleId :

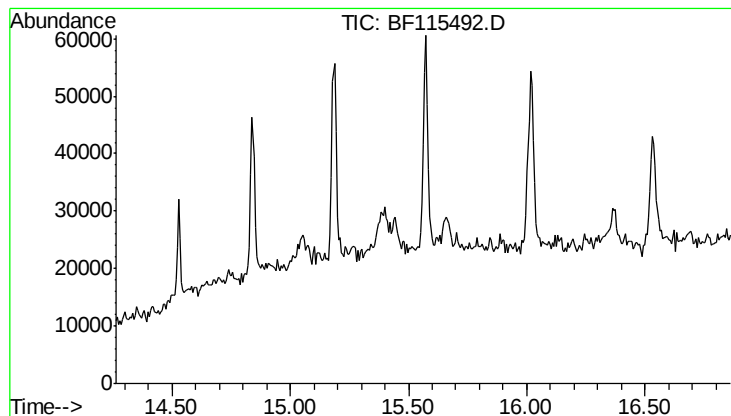
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 12.8
 236 26.4



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF115492.D
 Acq: 11 Jul 2019 9:49

Tgt Ion: 244 Resp: 1383
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.7 8.5#
 122 0.0 9.1 13.7#





#87
Pervlene-d12
Concen: 0.000 ng
Expected RT: 15.56 min
Lab File: BF115492.D
Acq: 11 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264
Sig Exp Ratio
264 100
260 25.1
265 22.2

