

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116140.D
 Acq On : 10 Aug 2019 10:00
 Operator : HP/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 01:02:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 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	-6.85
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.13
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.89
64) Phenanthrene-d10	11.61	188	777	20.00	ng	0.24
76) Chrysene-d12	0.00	240	0	0.00	ng	-14.01
87) Perylene-d12	0.00	264	0	0.00	ng	-15.47

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	12.94	244	1484	0.00	ng	-0.01

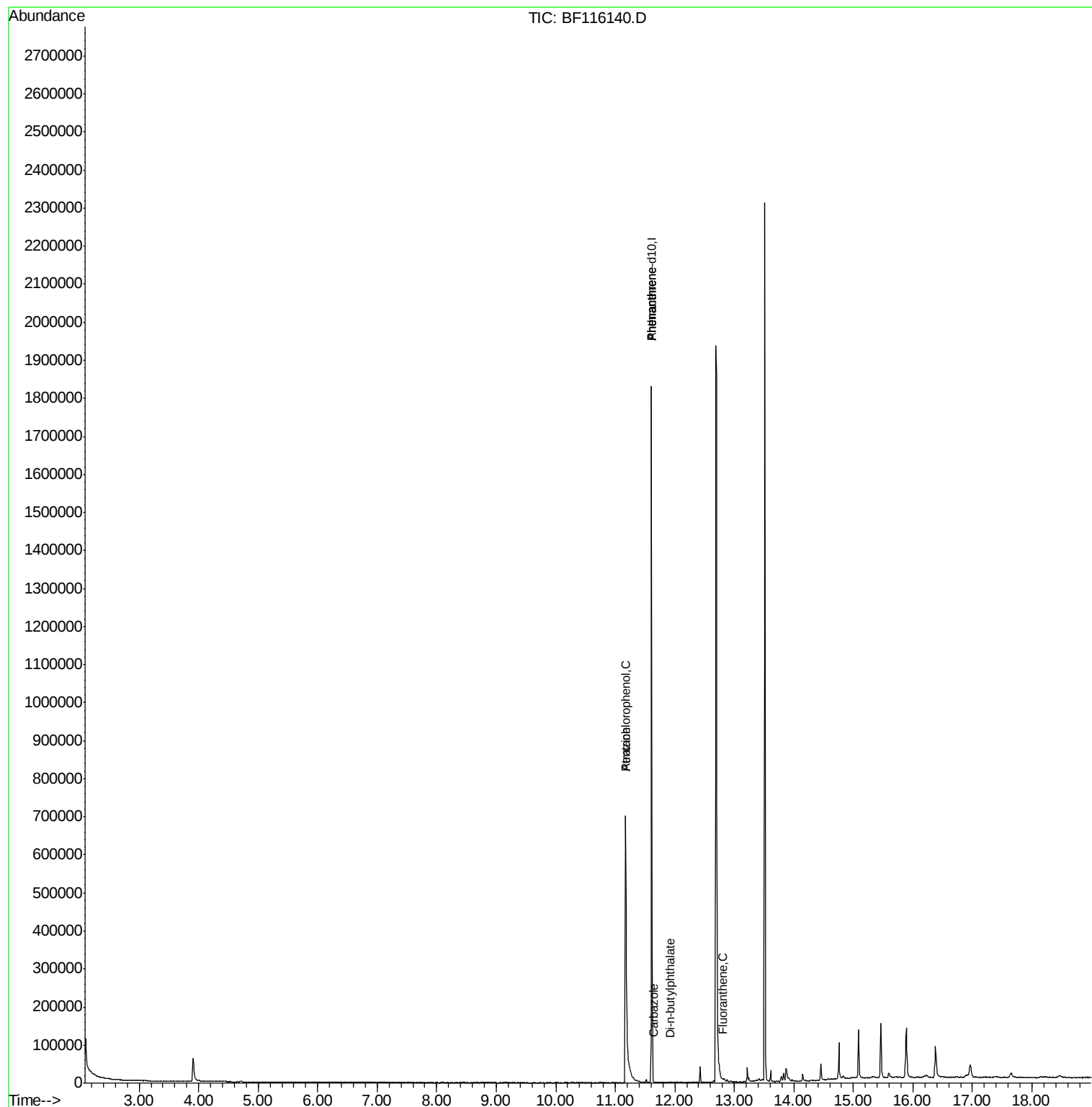
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	11.17	200	26533	3448.601	ng	# 36
70) Pentachlorophenol	11.17	266	154182	33018.243	ng	# 99
71) Phenanthrene	11.61	178	483	12.160	ng	# 1
72) Anthracene	11.61	178	483	12.015	ng	# 1
73) Carbazole	11.65	167	739	20.262	ng	# 58
74) Di-n-butylphthalate	11.92	149	986	23.175	ng	# 77
75) Fluoranthene	12.81	202	1162	27.943	ng	# 80

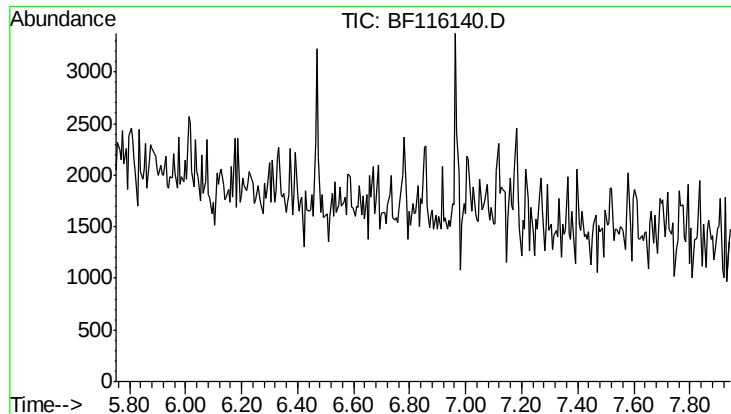
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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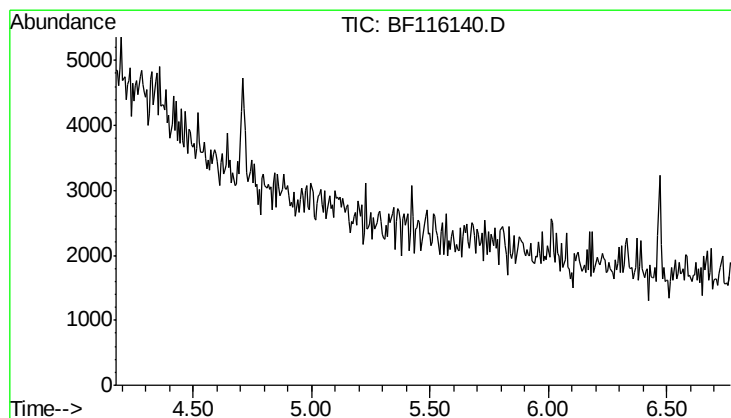
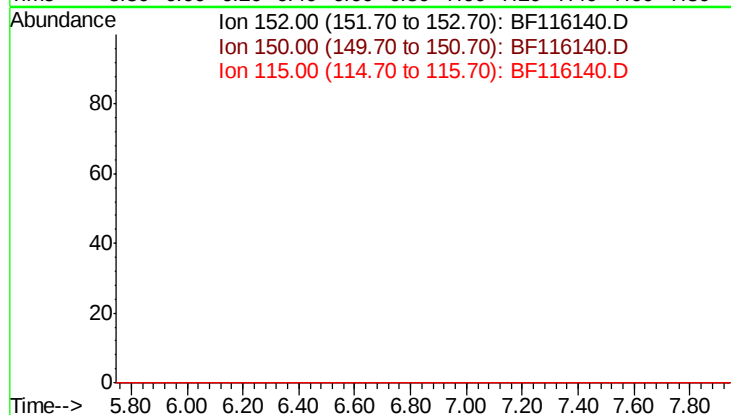




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.85 min
 Lab File: BF116140.D
 Acq: 10 Aug 2019 10:00

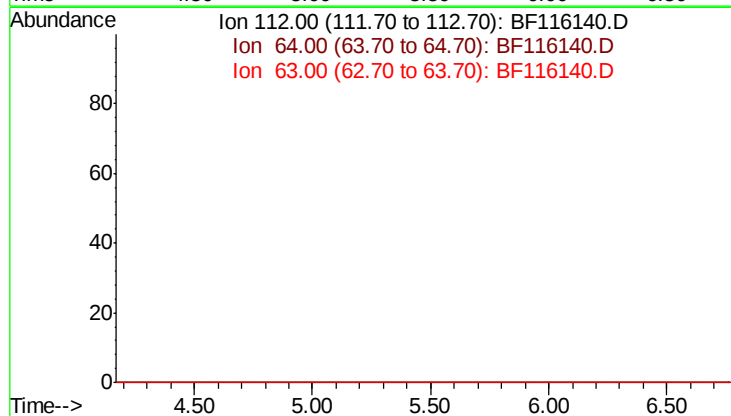
Instrument :
 BNA_F
 ClientSampleId :

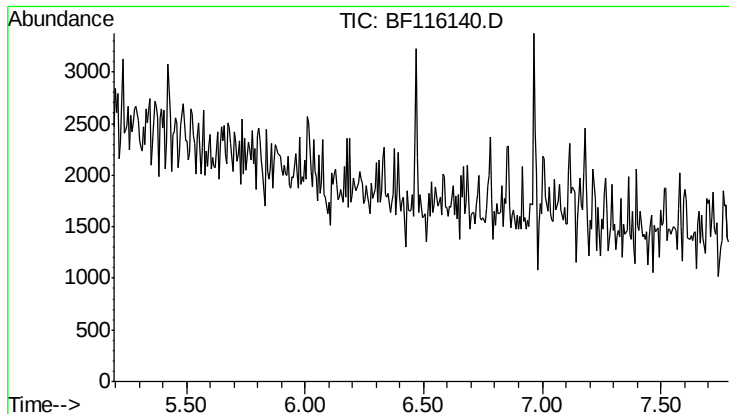
Tot Ion	152
Sig	Exp Ratio
152	100
150	157.7
115	62.4



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.47 min
 Lab File: BF116140.D
 Acq: 10 Aug 2019 10:00

Tgt Ion	112
Sig	Exp Ratio
112	100
64	56.8
63	29.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.49 min

Lab File: BF116140.D

Acq: 10 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

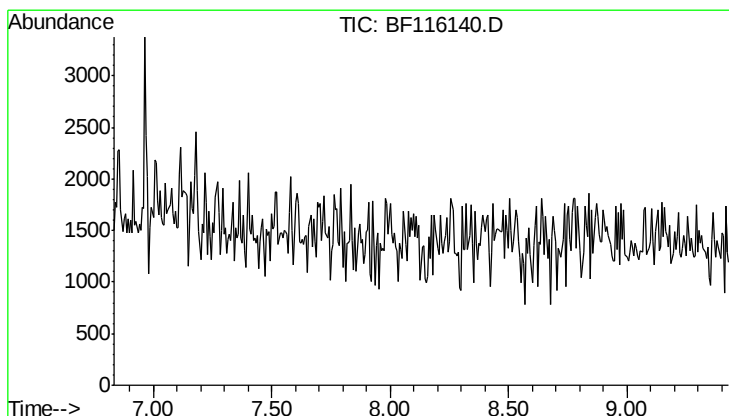
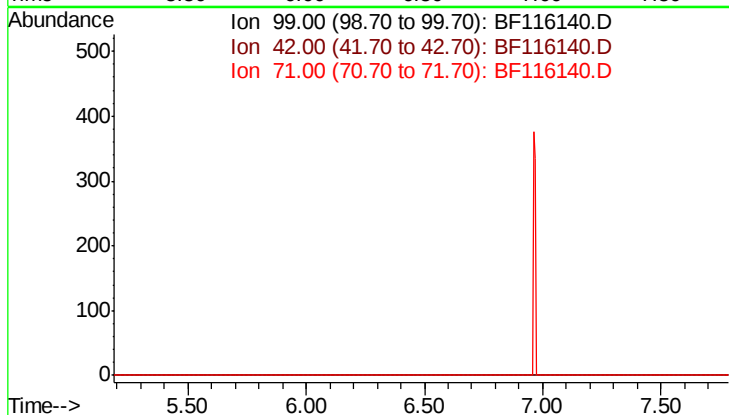
Tot Ion: 99

Sig Exp Ratio

99 100

42 17.3

71 34.1



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.13 min

Lab File: BF116140.D

Acq: 10 Aug 2019 10:00

Tgt Ion: 136

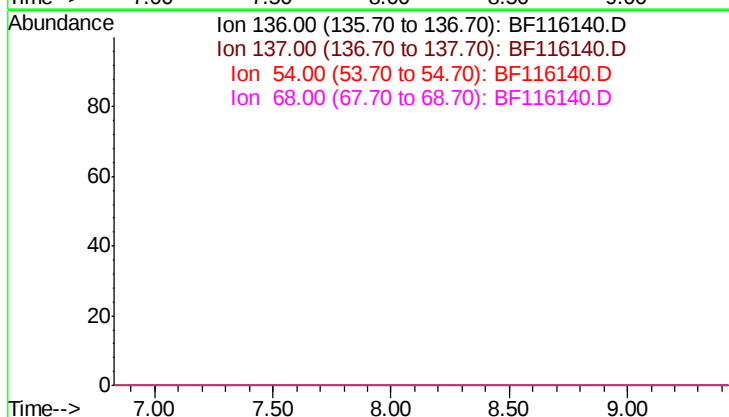
Sig Exp Ratio

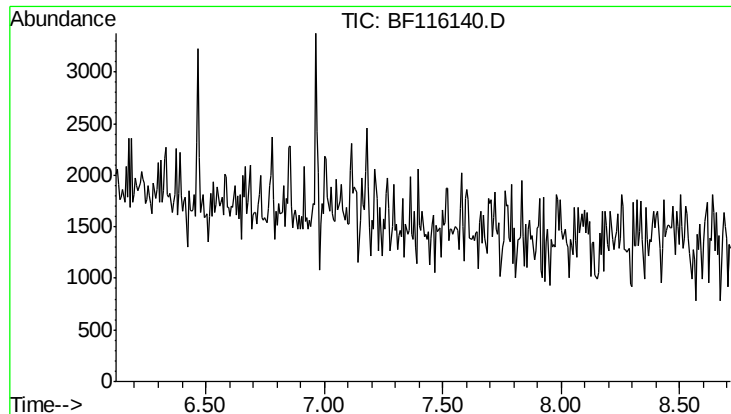
136 100

137 11.2

54 7.2

68 6.5

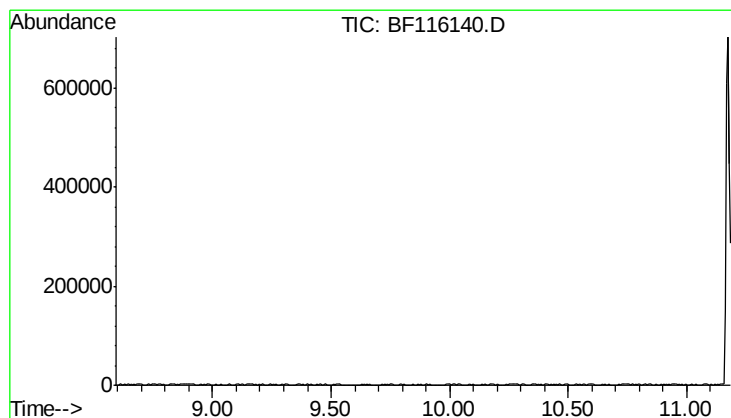
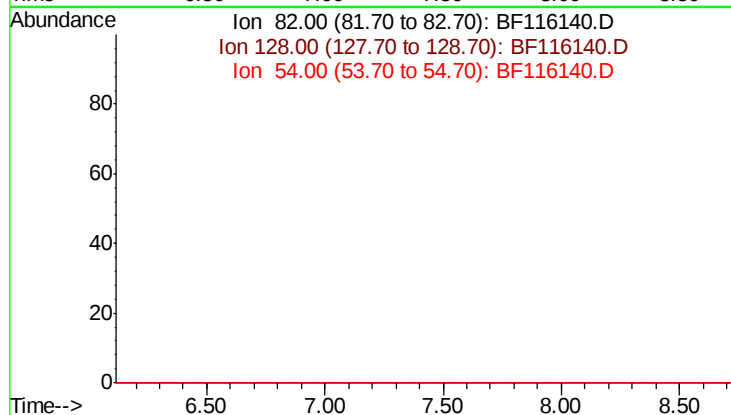




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF116140.D
 Acq: 10 Aug 2019 10:00

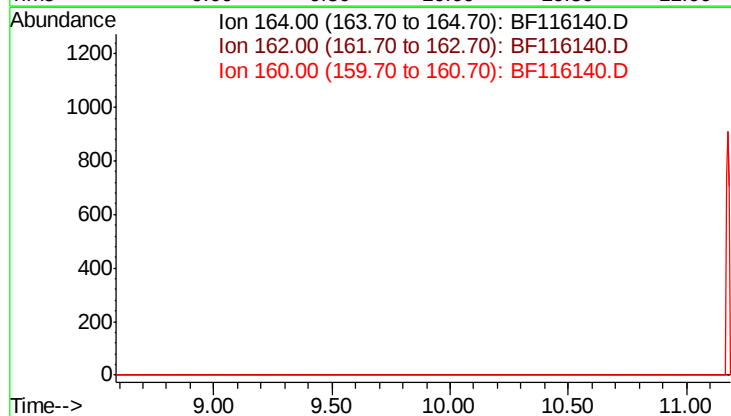
Instrument :
 BNA_F
 ClientSampleId :

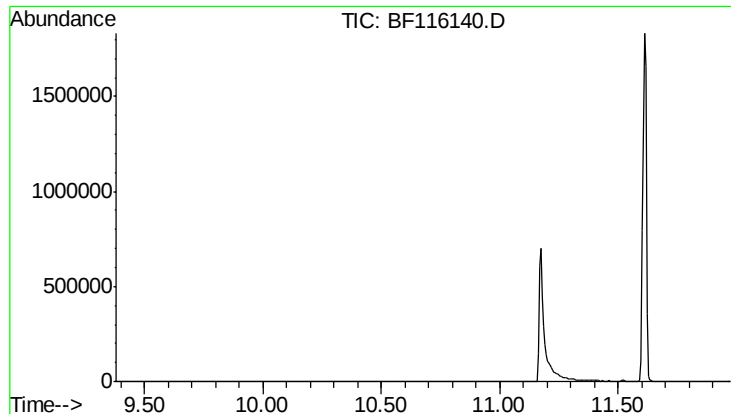
Tot Ion	82
Sig	Exp Ratio
82	100
128	45.6
54	45.0



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.89 min
 Lab File: BF116140.D
 Acq: 10 Aug 2019 10:00

Tgt Ion	164
Sig	Exp Ratio
164	100
162	103.3
160	47.0





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.67 min

Lab File: BF116140.D

Acq: 10 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

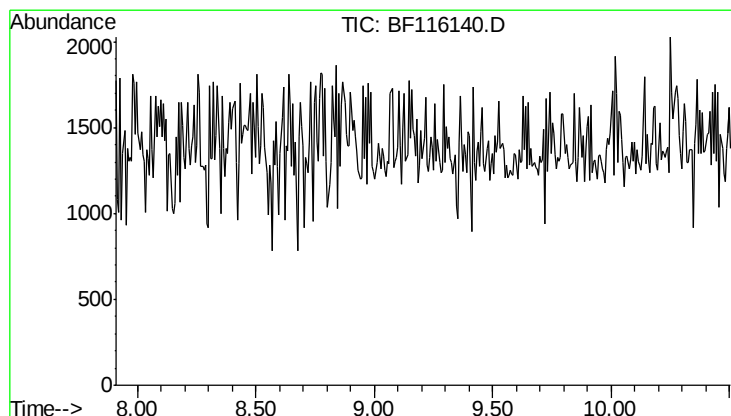
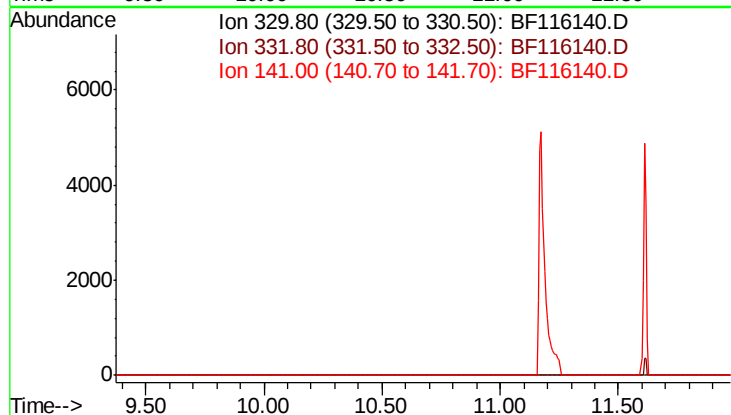
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.0

141 32.9



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.20 min

Lab File: BF116140.D

Acq: 10 Aug 2019 10:00

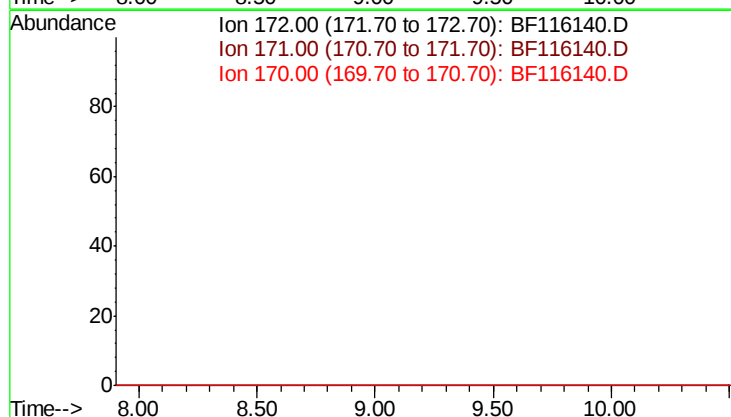
Tgt Ion: 172

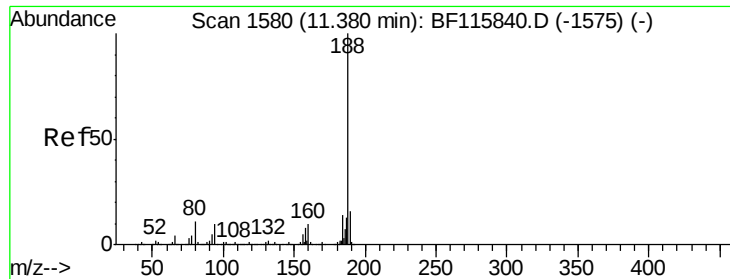
Sig Exp Ratio

172 100

171 37.0

170 25.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.24 min

Lab File: BF116140.D

Acq: 10 Aug 2019 10:00

Instrument :

BNA_F

ClientSampled :

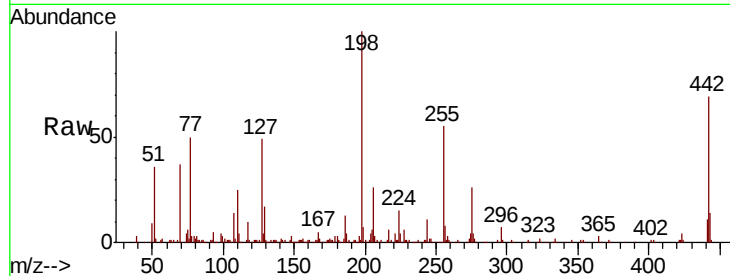
Tot Ion:188 Resp: 777

Ion Ratio Lower Upper

188 100

94 76.7 8.1 12.1#

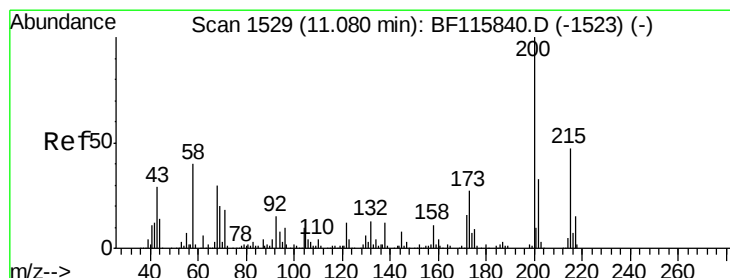
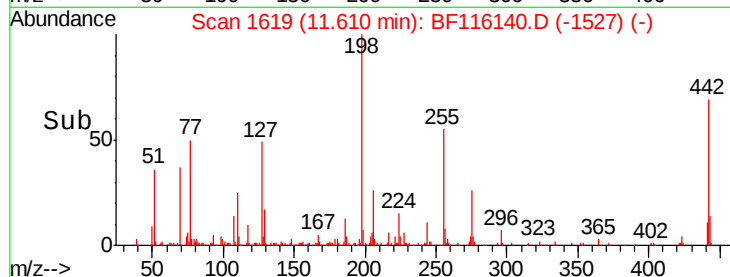
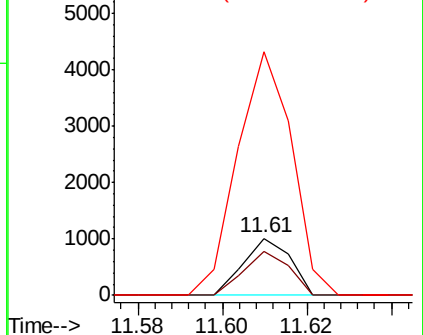
80 427.8 8.7 13.1#



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: 3448.601 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.11 min

Lab File: BF116140.D

Acq: 10 Aug 2019 10:00

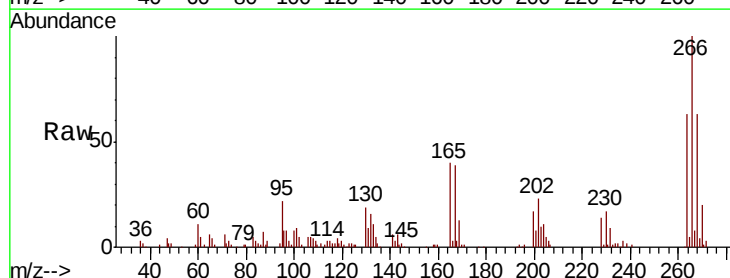
Tgt Ion:200 Resp: 26533

Ion Ratio Lower Upper

200 100

173 0.0 6.8 46.8#

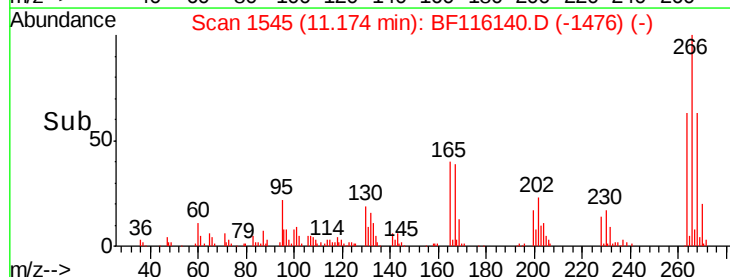
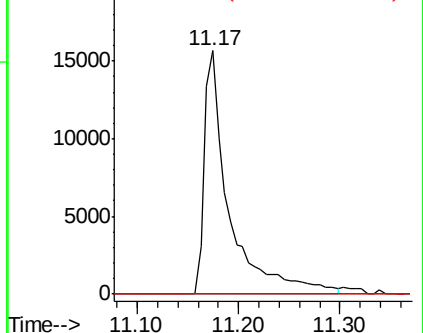
215 0.0 27.5 67.5#

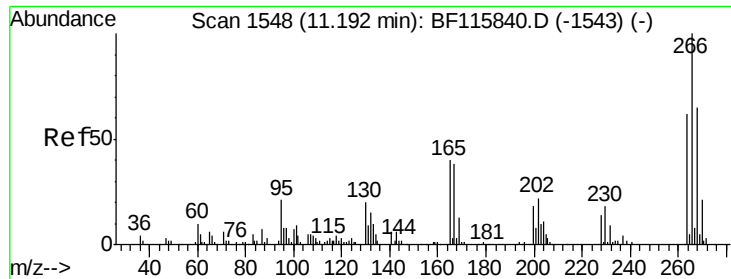


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

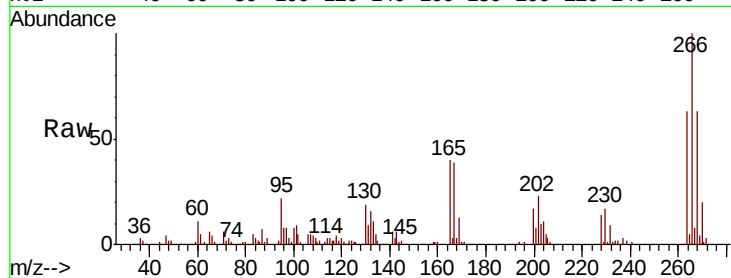




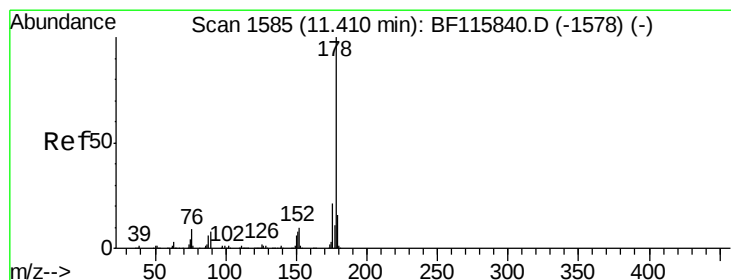
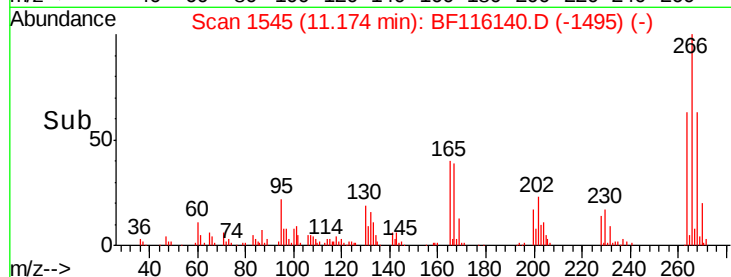
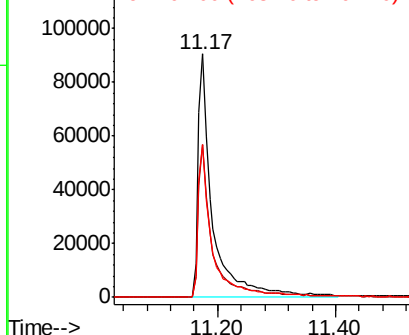
#70
 Pentachlorophenol
 Concen: 33018.243 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116140.D
 Acq: 10 Aug 2019 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 154182
 Ion Ratio Lower Upper
 266 100
 268 62.8 48.8 73.2
 264 63.0 50.6 76.0

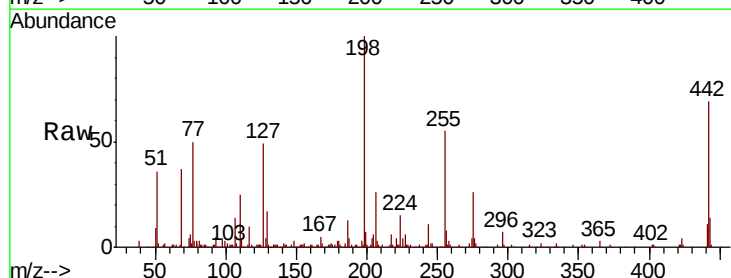


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

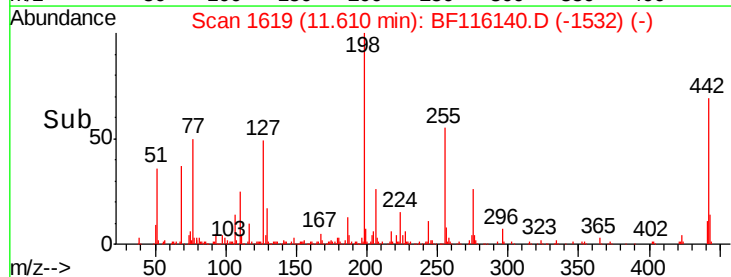
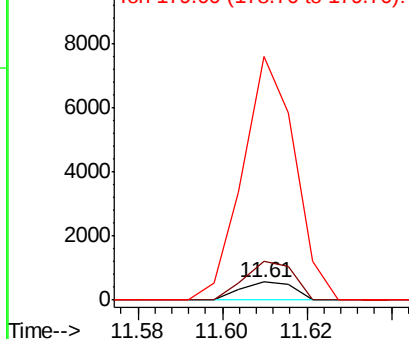


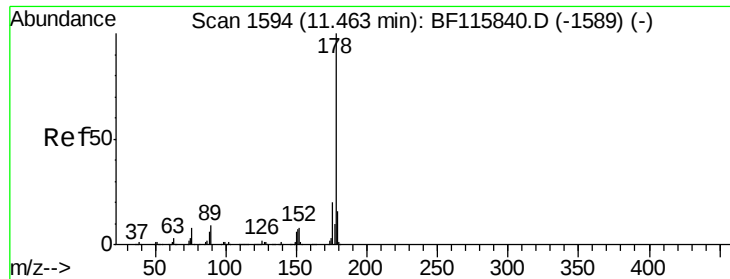
#71
 Phenanthrene
 Concen: 12.160 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.21 min
 Lab File: BF116140.D
 Acq: 10 Aug 2019 10:00

Tgt Ion:178 Resp: 483
 Ion Ratio Lower Upper
 178 100
 176 217.0 16.6 24.8#
 179 1359.7 12.5 18.7#



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: 12.015 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.16 min

Lab File: BF116140.D

Acq: 10 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

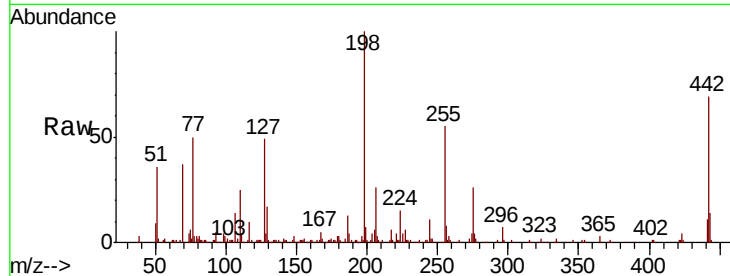
Tot Ion:178 Resp: 483

Ion Ratio Lower Upper

178 100

176 217.0 15.7 23.5#

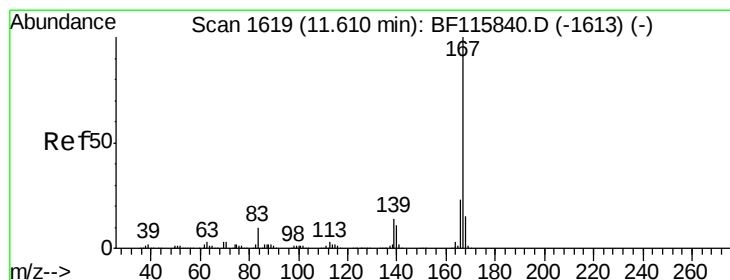
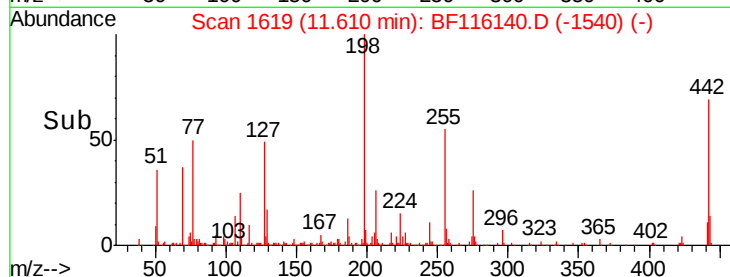
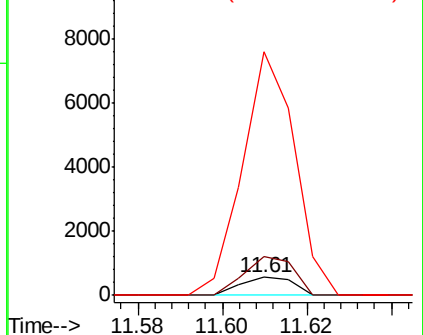
179 1359.7 13.0 19.6#



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: 20.262 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.05 min

Lab File: BF116140.D

Acq: 10 Aug 2019 10:00

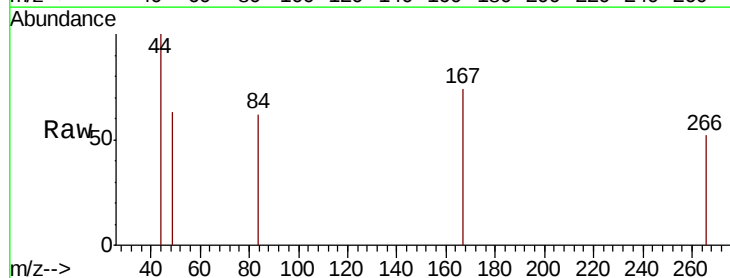
Tgt Ion:167 Resp: 739

Ion Ratio Lower Upper

167 100

166 0.0 17.8 26.6#

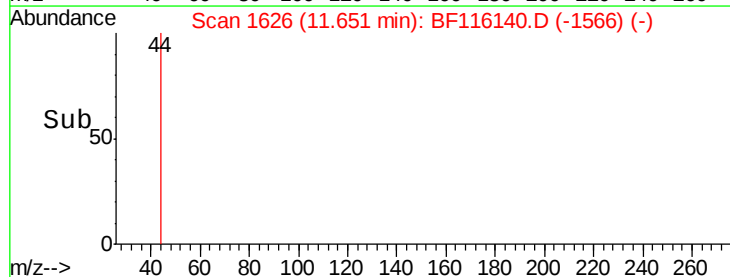
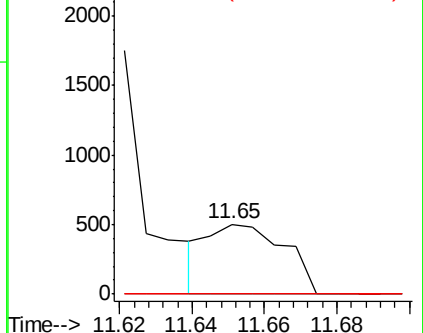
139 0.0 11.4 17.0#

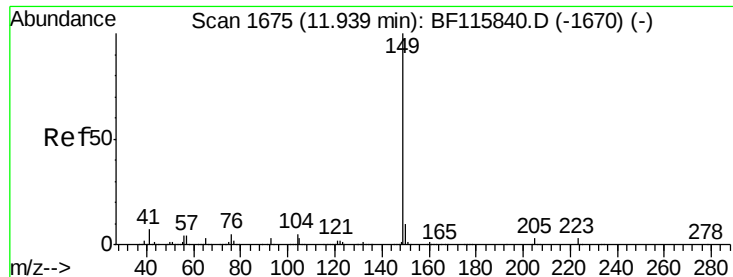


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 23.175 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BF116140.D

Acq: 10 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

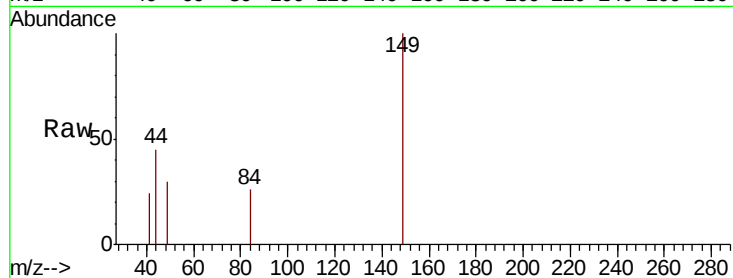
Tot Ion:149 Resp: 986

Ion Ratio Lower Upper

149 100

150 0.0 8.0 12.0#

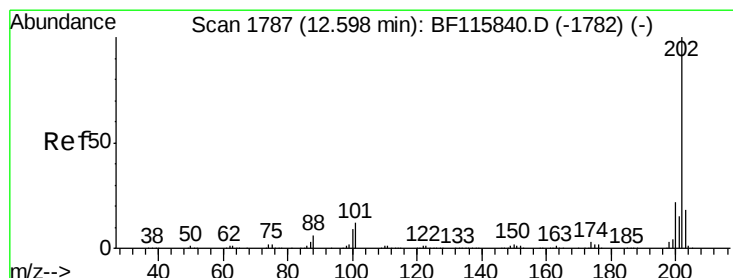
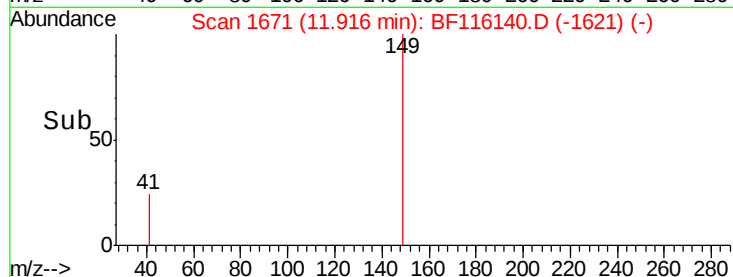
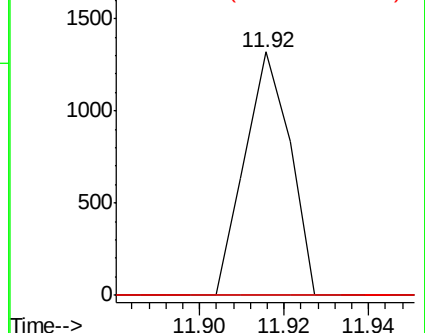
104 0.0 4.5 6.7#



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: 27.943 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.22 min

Lab File: BF116140.D

Acq: 10 Aug 2019 10:00

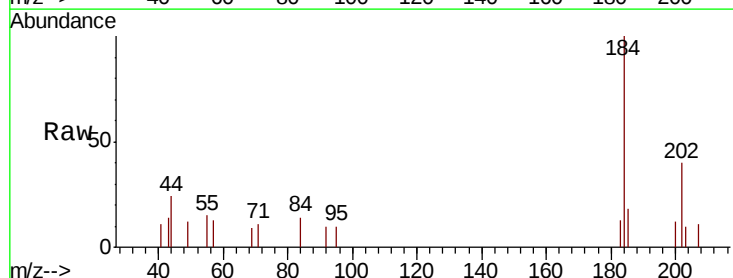
Tgt Ion:202 Resp: 1162

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.2

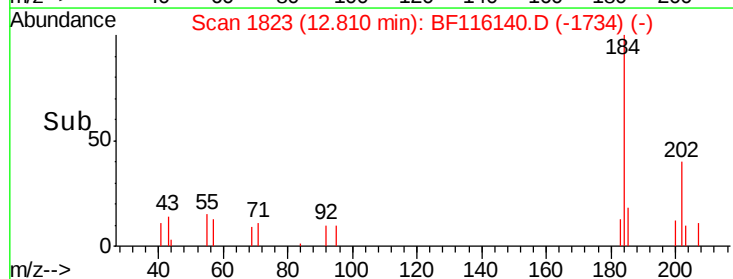
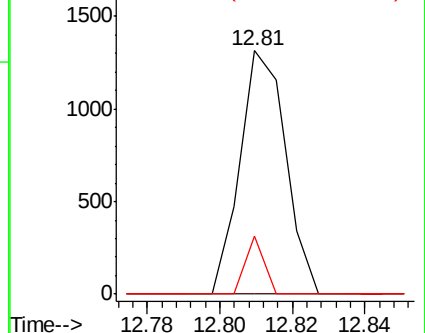
203 23.9 0.0 37.8

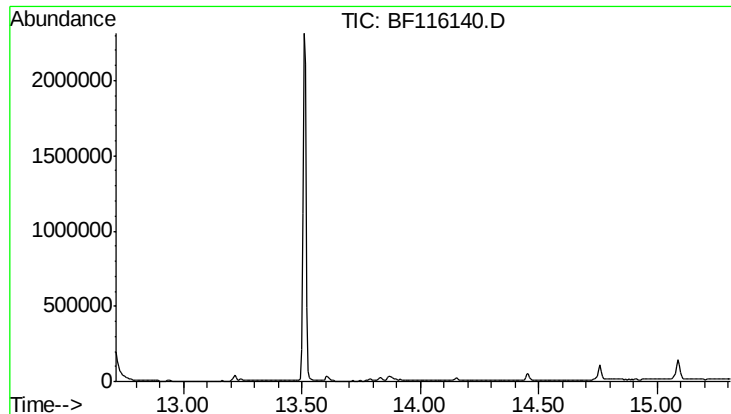


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 0.000 ng

Expected RT: 14.01 min

Lab File: BF116140.D

Acq: 10 Aug 2019 10:00

Tot Ion: 240

Sig Exp Ratio

240 100

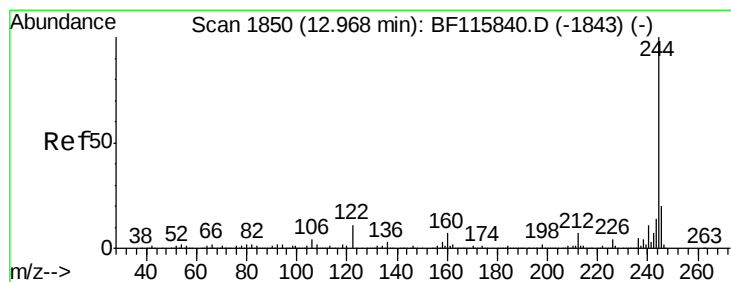
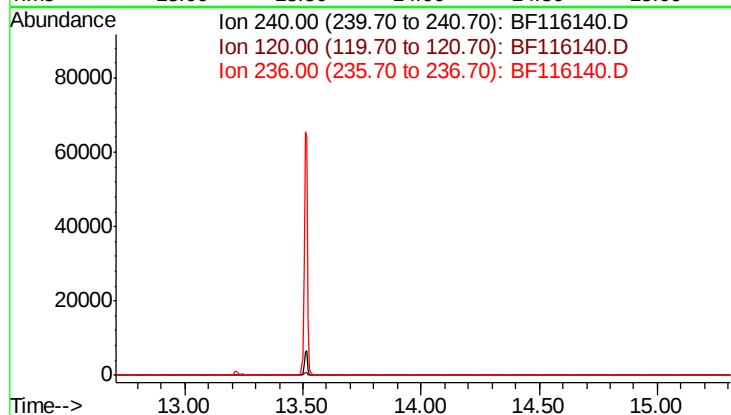
120 13.4

236 27.7

Instrument :

BNA_F

ClientSampleId :



#79

Terphenyl-d14

Concen: 0.000 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116140.D

Acq: 10 Aug 2019 10:00

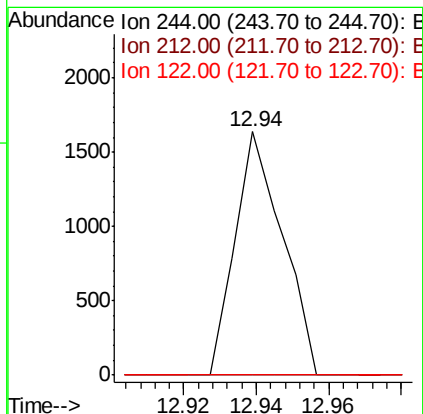
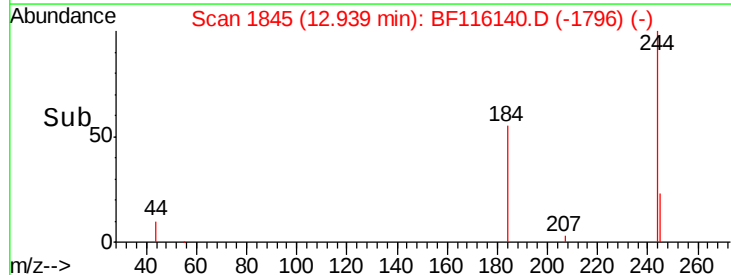
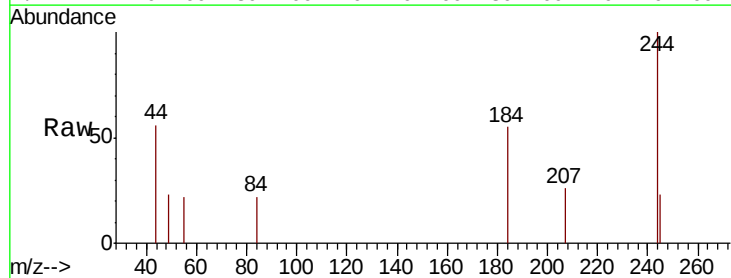
Tgt Ion:244 Resp: 1484

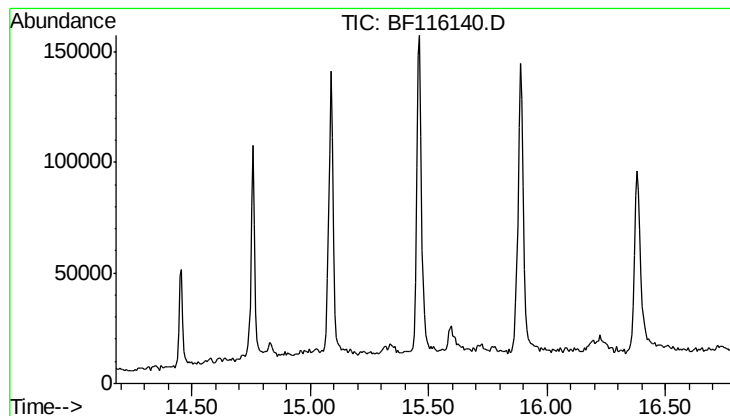
Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.8#

122 0.0 9.0 13.4#





#87
 Pervlene-d12
 Concen: 0.000 ng
 Expected RT: 15.47 min
 Lab File: BF116140.D
 Acq: 10 Aug 2019 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	264
Sig	Exp Ratio
264	100
260	24.6
265	21.7

