

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119382.D
 Acq On : 12 Mar 2020 15:58
 Operator : CG/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:45:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 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
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.76
64) Phenanthrene-d10	11.50	188	387	20.00	ng	0.25
76) Chrysene-d12	0.00	240	0	0.00	ng	-13.89
87) Perylene-d12	0.00	264	0	0.00	ng	-15.31

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	12.83	244	3349	0.00	ng	0.00

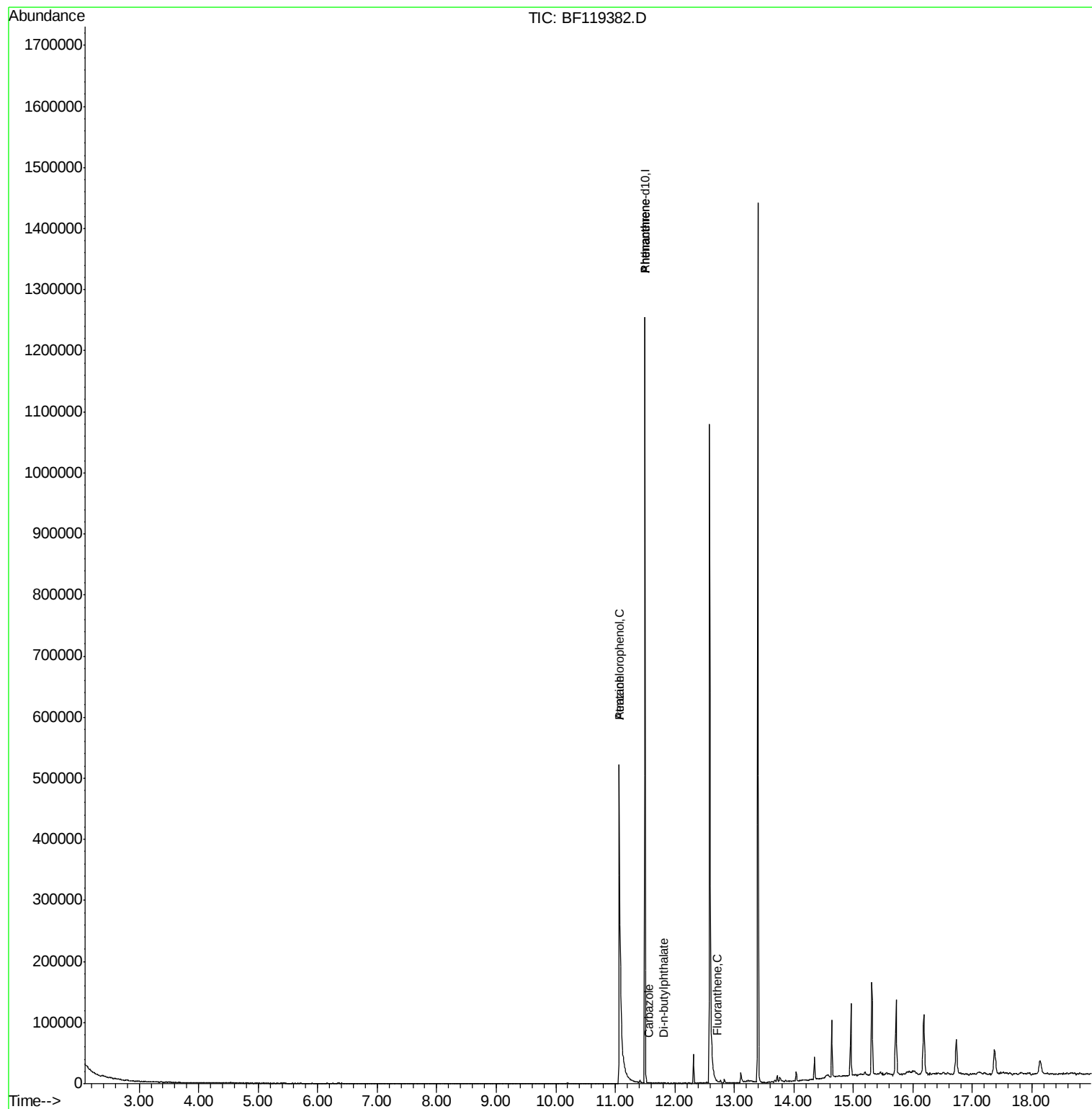
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	11.07	200	21118	4769.847	ng	# 36
70) Pentachlorophenol	11.07	266	136346	58034.743	ng	# 99
71) Phenanthrene	11.50	178	174	8.244	ng	# 1
72) Anthracene	11.50	178	174	8.251	ng	# 1
73) Carbazole	11.55	167	720	38.326	ng	# 57
74) Di-n-butylphthalate	11.81	149	1617	71.076	ng	# 77
75) Fluoranthene	12.70	202	760	33.925	ng	# 64

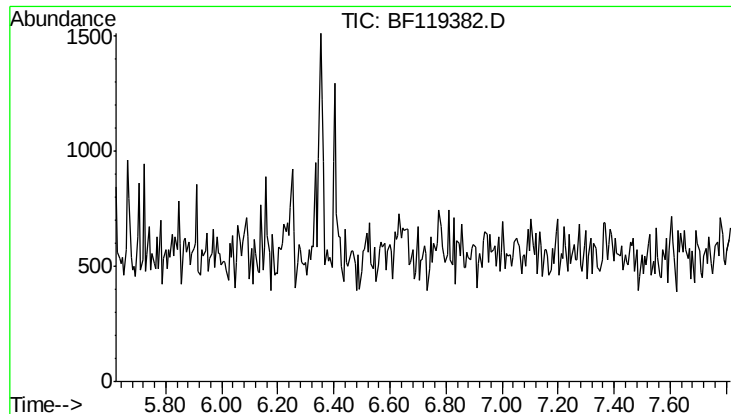
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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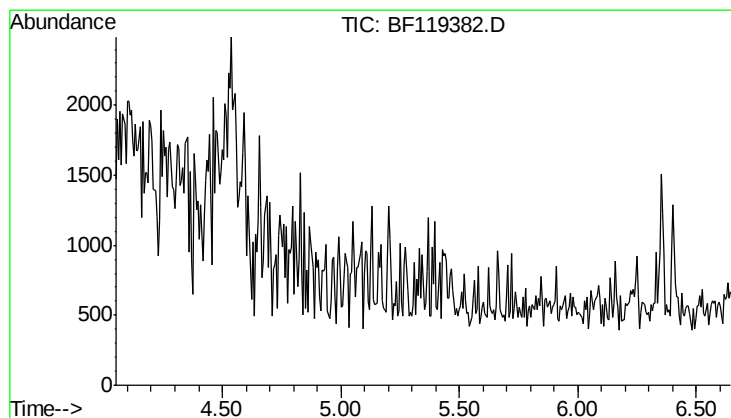
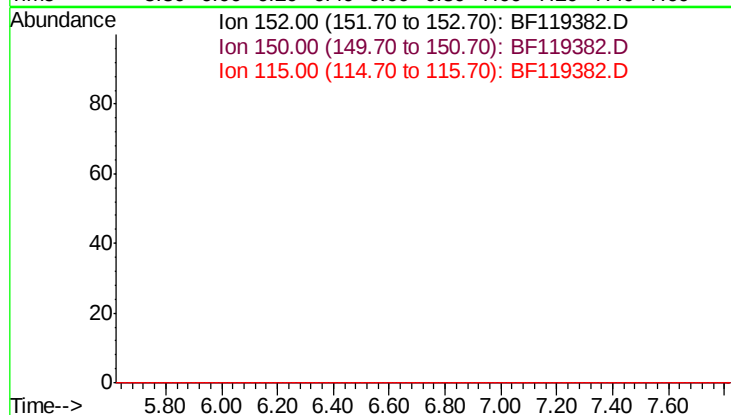




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.72 min
 Lab File: BF119382.D
 Acq: 12 Mar 2020 15:58

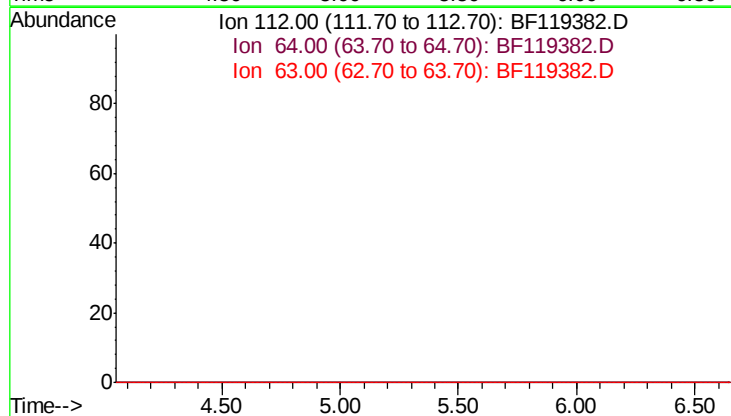
Instrument :
 BNA_F
 ClientSampleId :

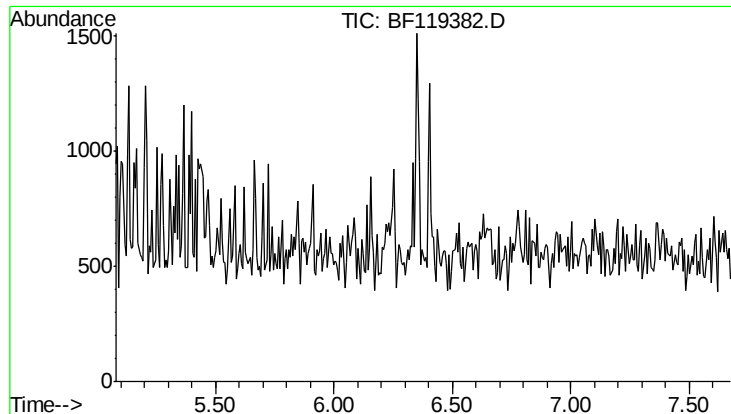
Tot Ion	152
Sig	Exp Ratio
152	100
150	153.8
115	61.9



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.35 min
 Lab File: BF119382.D
 Acq: 12 Mar 2020 15:58

Tgt Ion	112
Sig	Exp Ratio
112	100
64	56.2
63	30.3





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.38 min

Lab File: BF119382.D

Acq: 12 Mar 2020 15:58

Instrument :

BNA_F

ClientSampleId :

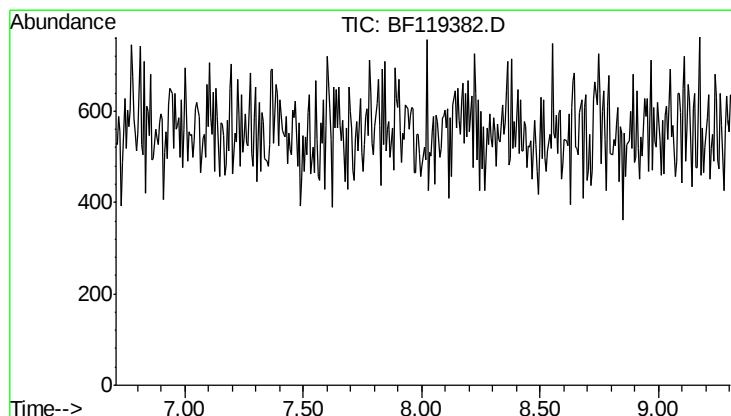
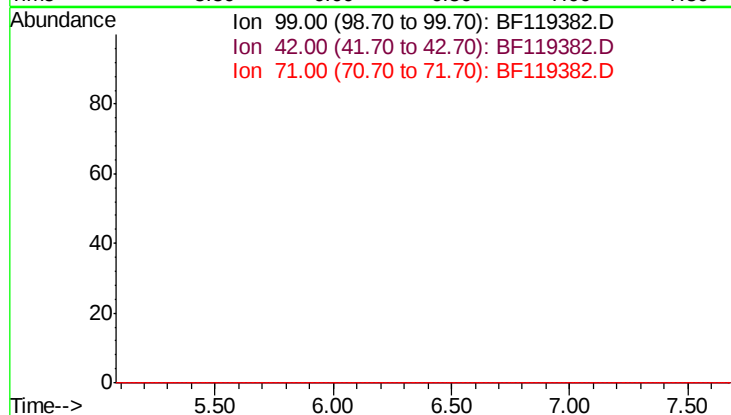
Tot Ion: 99

Sig Exp Ratio

99 100

42 15.7

71 38.7



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.01 min

Lab File: BF119382.D

Acq: 12 Mar 2020 15:58

Tgt Ion: 136

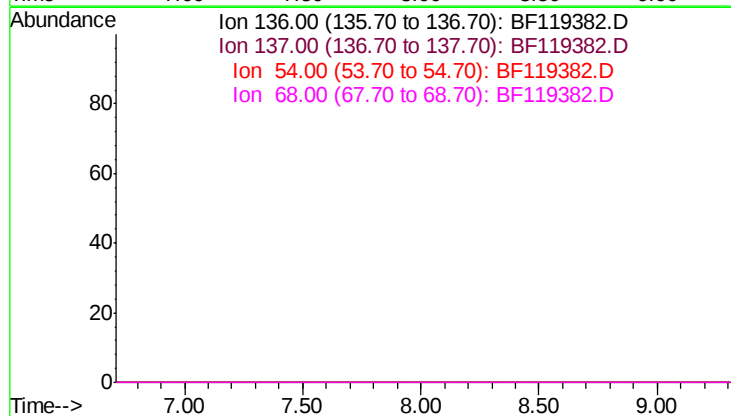
Sig Exp Ratio

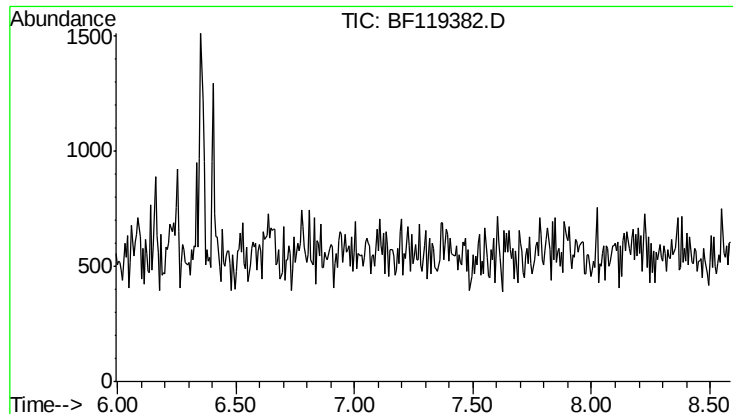
136 100

137 11.0

54 4.7

68 4.9

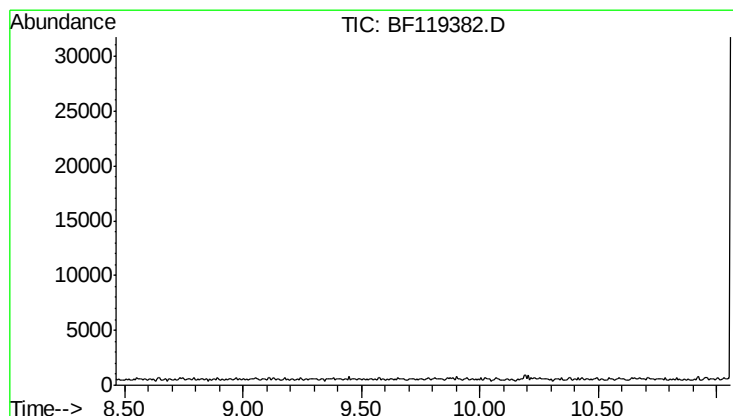
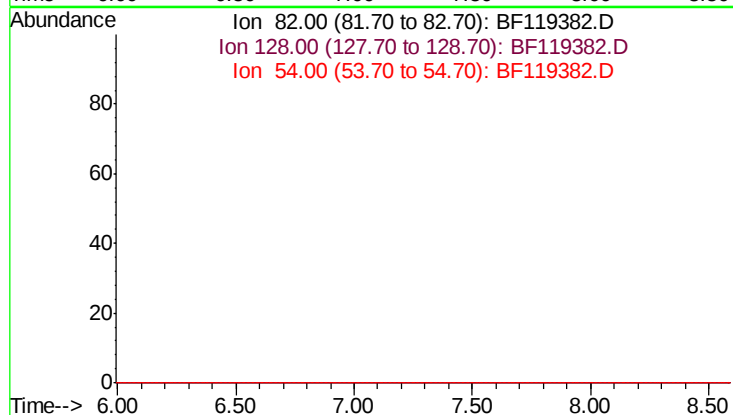




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.29 min
 Lab File: BF119382.D
 Acq: 12 Mar 2020 15:58

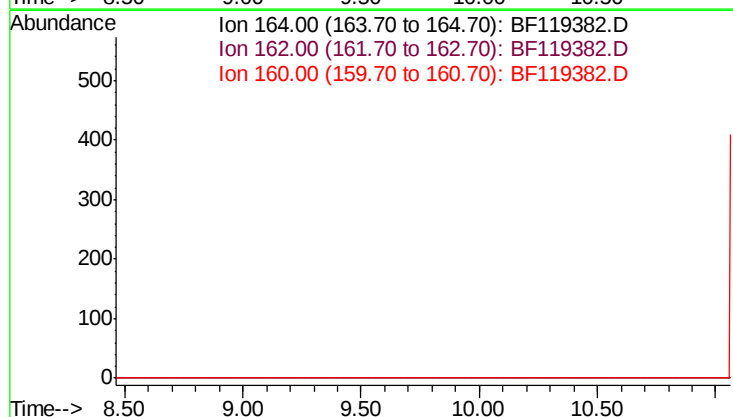
Instrument :
 BNA_F
 ClientSampleId :

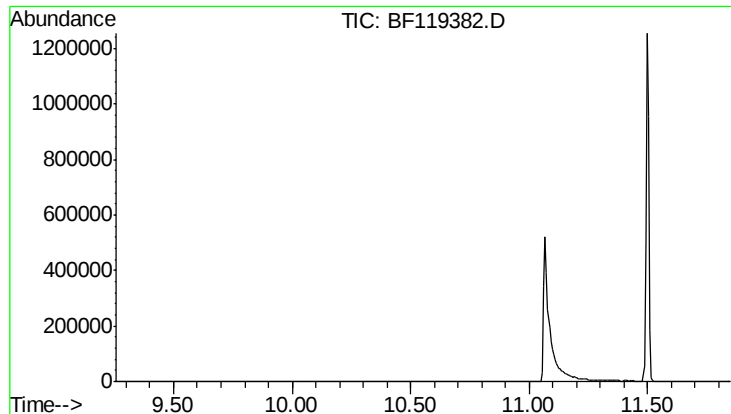
Tot Ion	82
Sig	Exp Ratio
82	100
128	47.4
54	41.8



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.76 min
 Lab File: BF119382.D
 Acq: 12 Mar 2020 15:58

Tgt Ion	164
Sig	Exp Ratio
164	100
162	102.3
160	45.0





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.56 min

Lab File: BF119382.D

Acq: 12 Mar 2020 15:58

Instrument :

BNA_F

ClientSampleId :

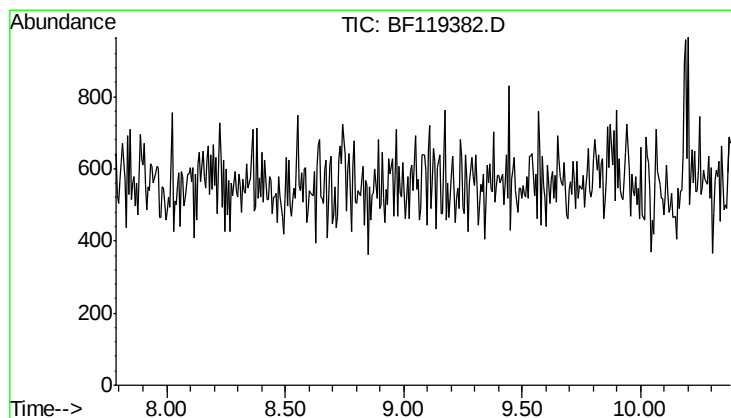
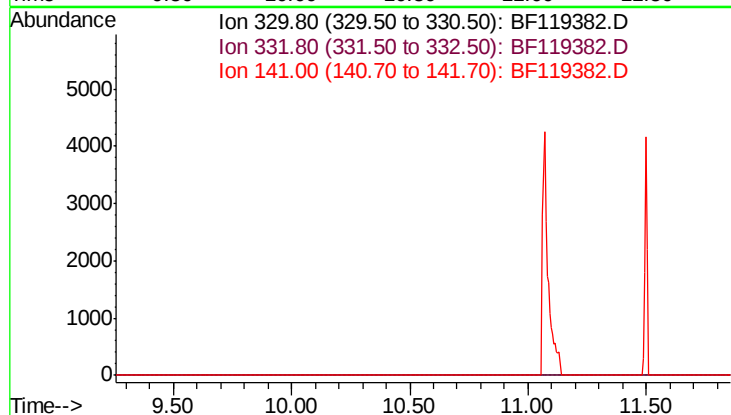
Tot Ion: 330

Sig Exp Ratio

330 100

332 95.0

141 28.6



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.09 min

Lab File: BF119382.D

Acq: 12 Mar 2020 15:58

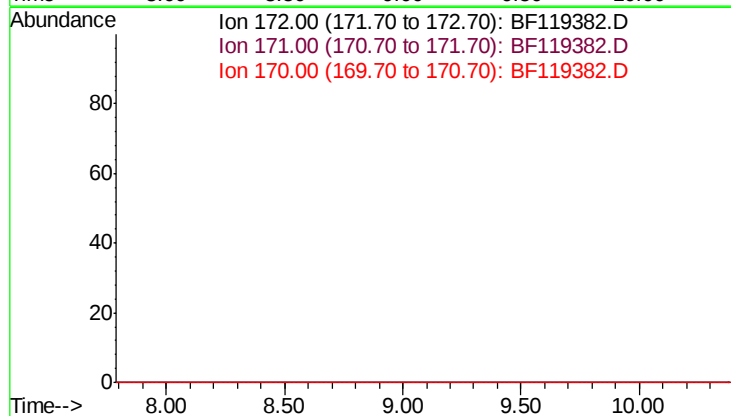
Tgt Ion: 172

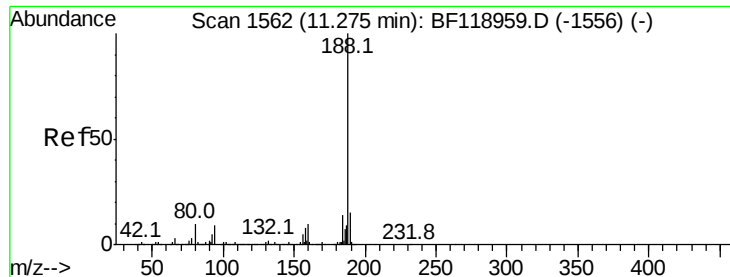
Sig Exp Ratio

172 100

171 38.2

170 25.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.25 min

Lab File: BF119382.D

Acq: 12 Mar 2020 15:58

Instrument :

BNA_F

ClientSampled :

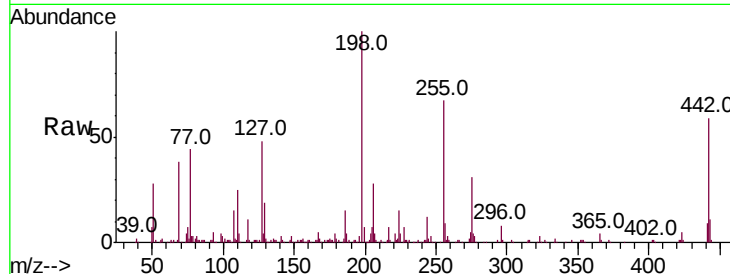
Tot Ion:188 Resp: 387

Ion Ratio Lower Upper

188 100

94 75.2 7.1 10.7#

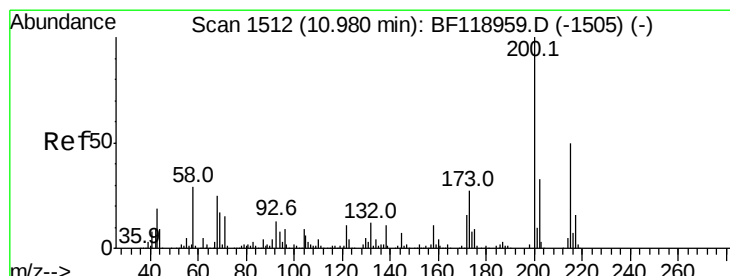
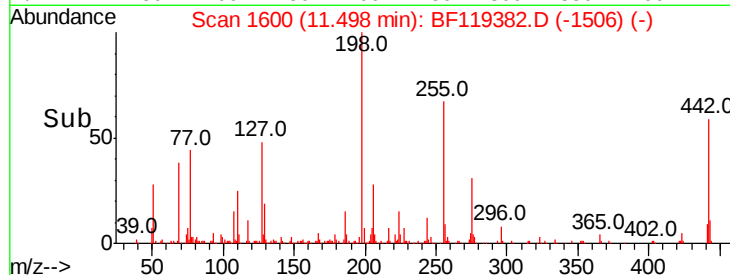
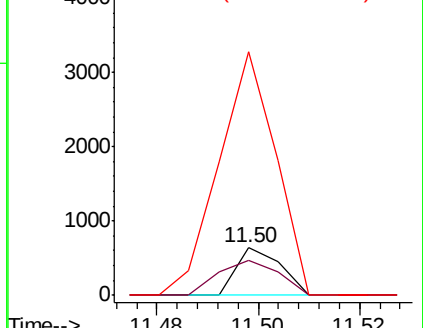
80 515.1 7.8 11.8#



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



#69

Atrazine

Concen: 4769.847 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.12 min

Lab File: BF119382.D

Acq: 12 Mar 2020 15:58

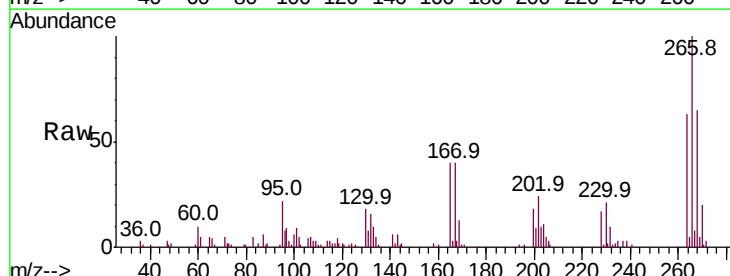
Tgt Ion:200 Resp: 21118

Ion Ratio Lower Upper

200 100

173 0.0 6.4 46.4#

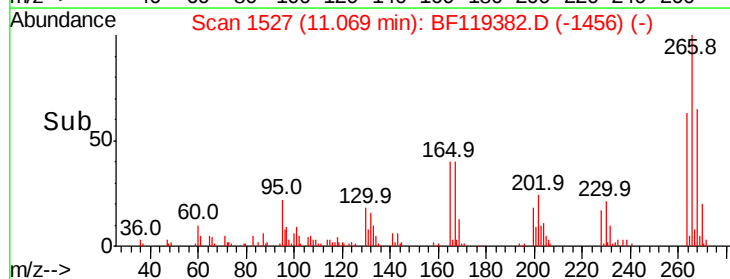
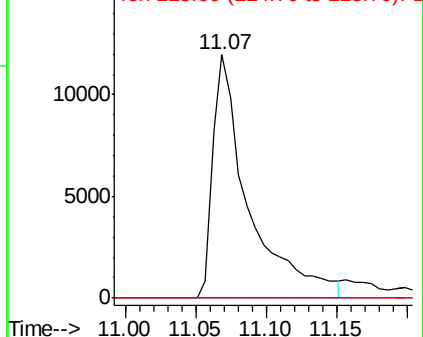
215 0.0 27.4 67.4#

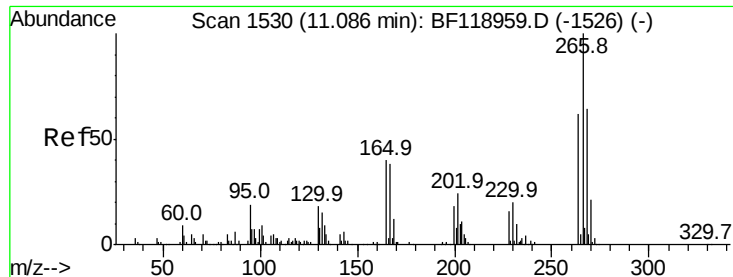


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

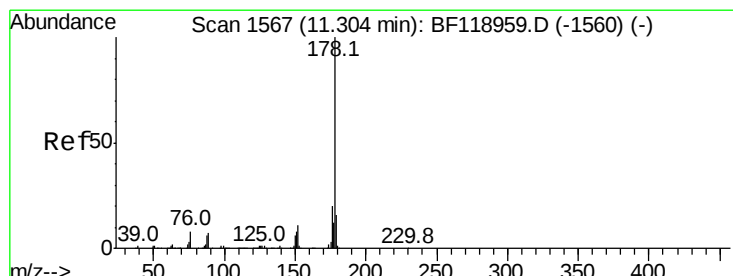
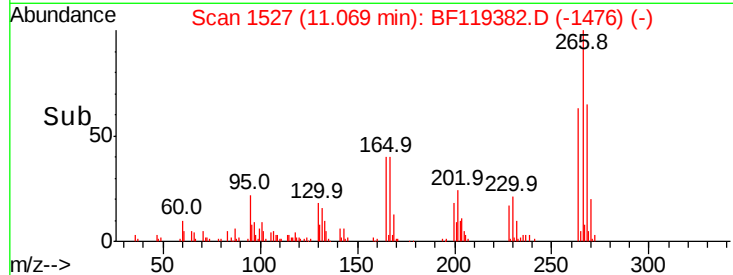
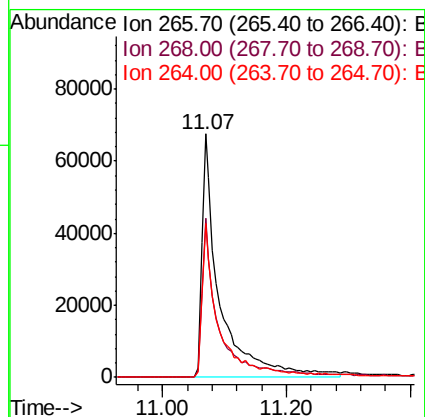
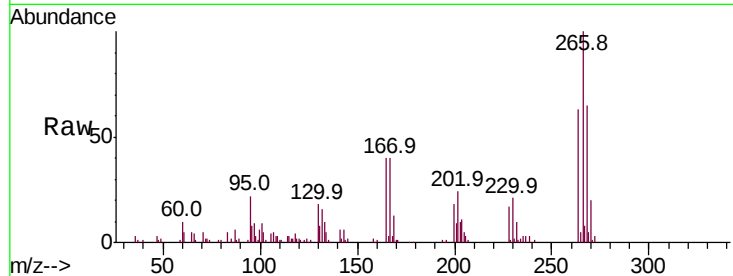




#70
 Pentachlorophenol
 Concen: 58034.743 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF119382.D
 Acq: 12 Mar 2020 15:58

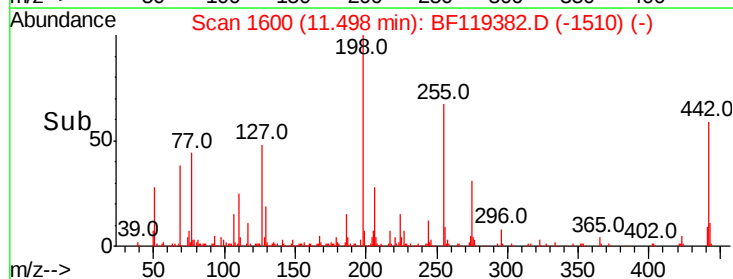
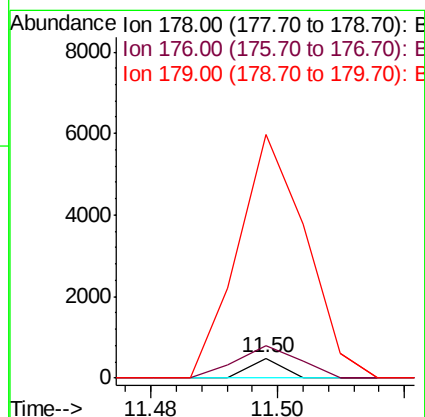
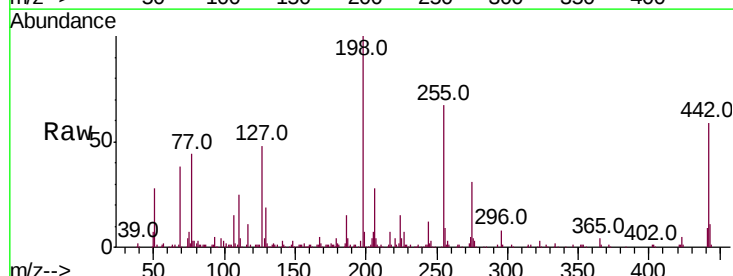
Instrument :
 BNA_F
 ClientSampleId :

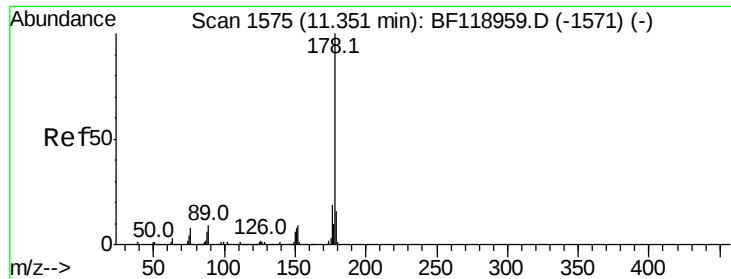
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.9	77.9
264	63.1	51.0	76.4



#71
 Phenanthrene
 Concen: 8.244 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.23 min
 Lab File: BF119382.D
 Acq: 12 Mar 2020 15:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	163.4	16.5	24.7#
179	1208.9	13.0	19.6#





#72

Anthracene

Concen: 8.251 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.18 min

Lab File: BF119382.D

Acq: 12 Mar 2020 15:58

Instrument :

BNA_F

ClientSampled :

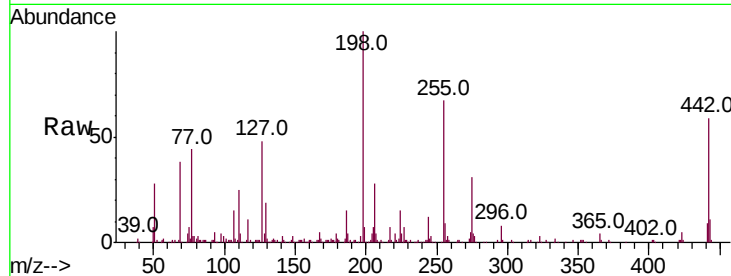
Tot Ion:178 Resp: 174

Ion Ratio Lower Upper

178 100

176 163.4 16.0 24.0#

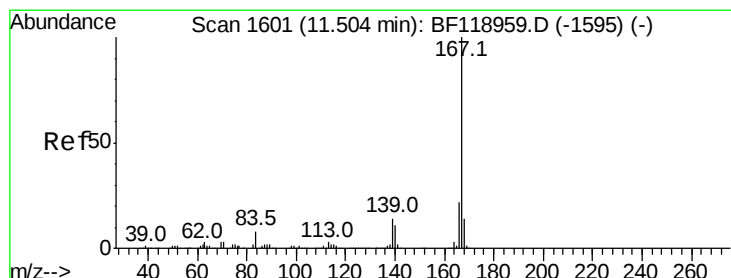
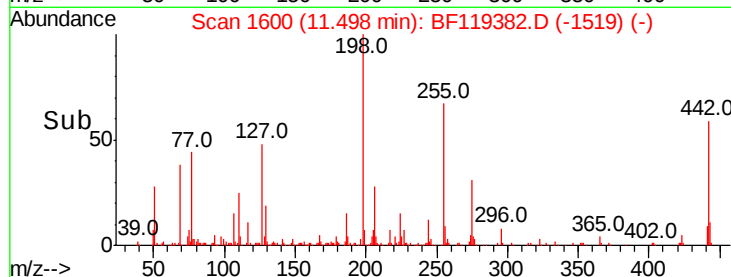
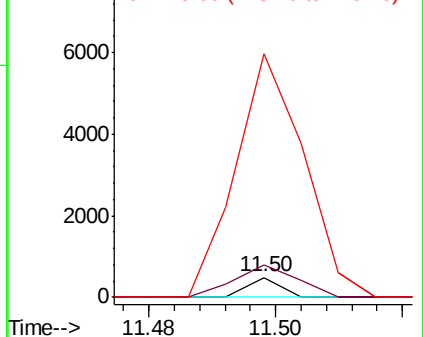
179 1208.9 13.1 19.7#



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



#73

Carbazole

Concen: 38.326 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.07 min

Lab File: BF119382.D

Acq: 12 Mar 2020 15:58

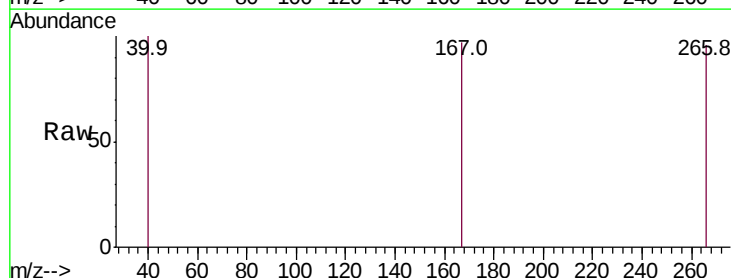
Tgt Ion:167 Resp: 720

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

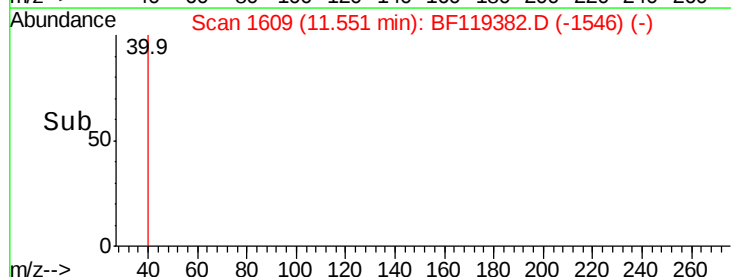
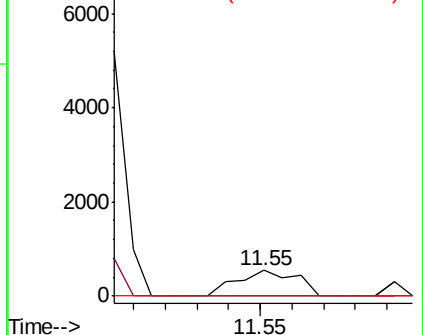
139 0.0 11.7 17.5#

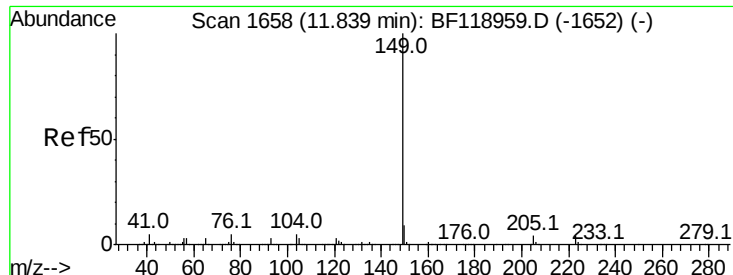


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 71.076 ng

RT: 11.81 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BF119382.D

Acq: 12 Mar 2020 15:58

Instrument :

BNA_F

ClientSampleId :

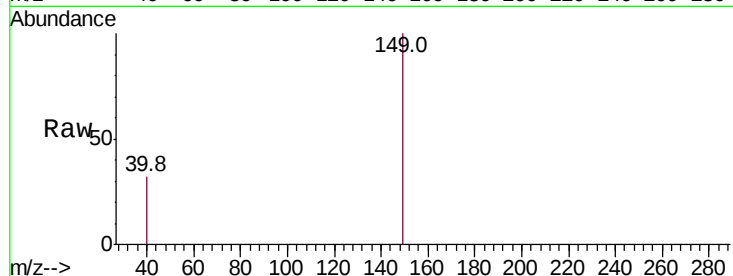
Tot Ion:149 Resp: 1617

Ion Ratio Lower Upper

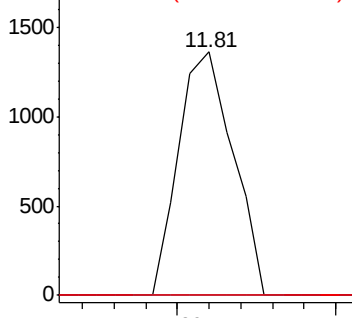
149 100

150 0.0 7.9 11.9#

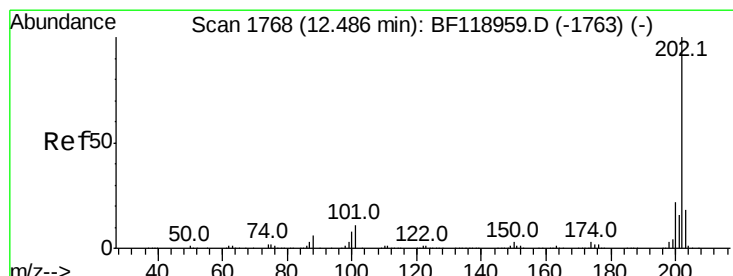
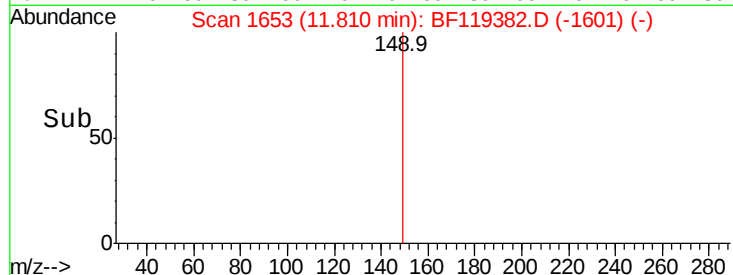
104 0.0 4.6 6.8#



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



Time-->



#75

Fluoranthene

Concen: 33.925 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.25 min

Lab File: BF119382.D

Acq: 12 Mar 2020 15:58

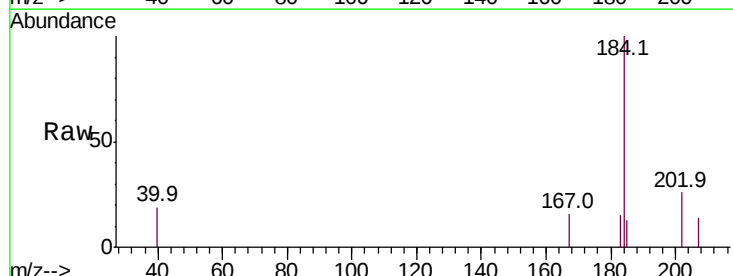
Tgt Ion:202 Resp: 760

Ion Ratio Lower Upper

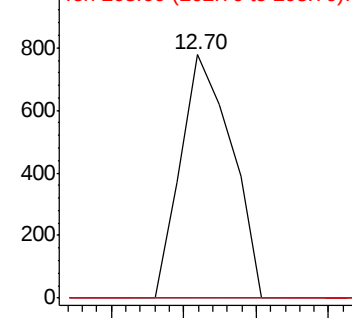
202 100

101 0.0 0.0 30.3

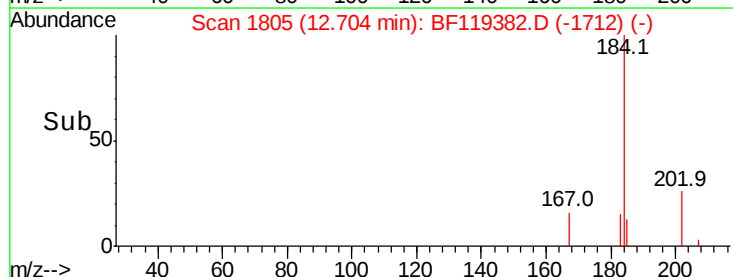
203 0.0 0.0 38.4

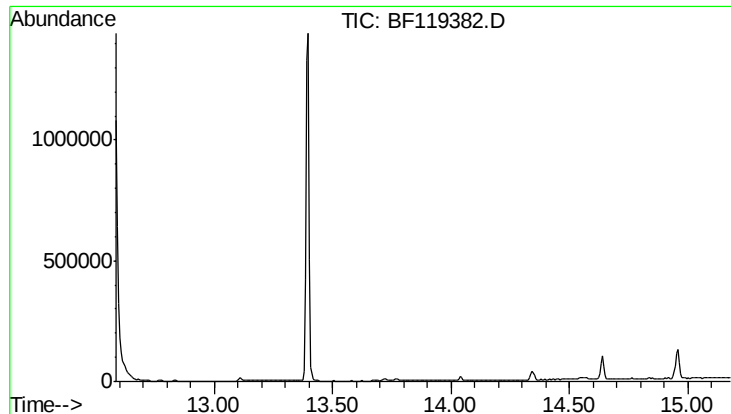


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->

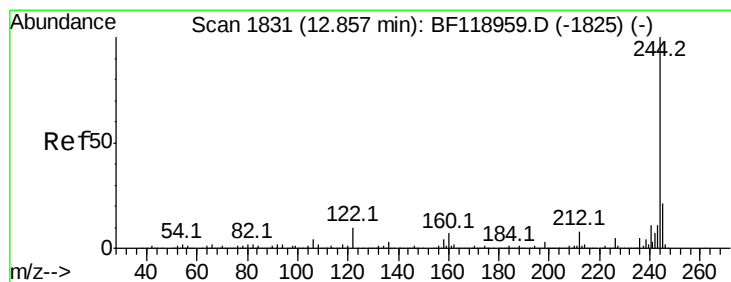
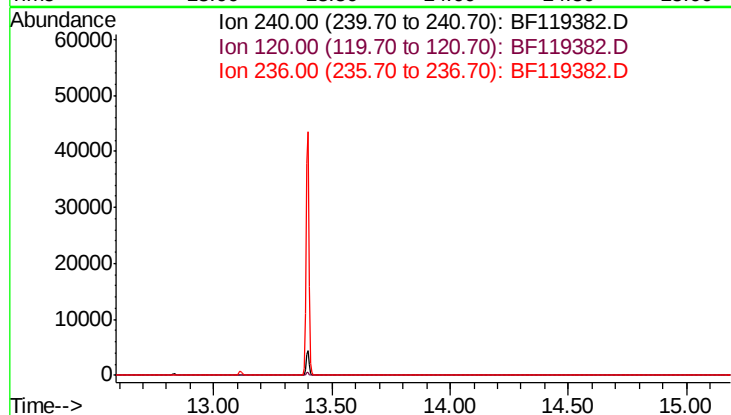




#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 13.89 min
 Lab File: BF119382.D
 Acq: 12 Mar 2020 15:58

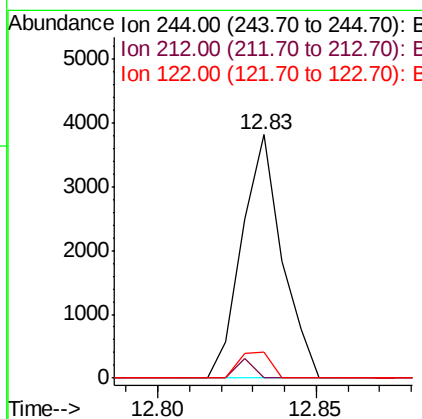
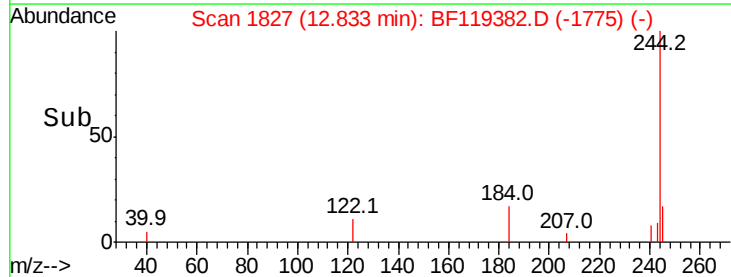
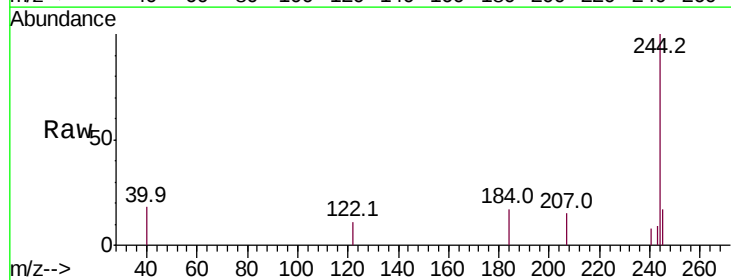
Instrument :
 BNA_F
 ClientSampleId :

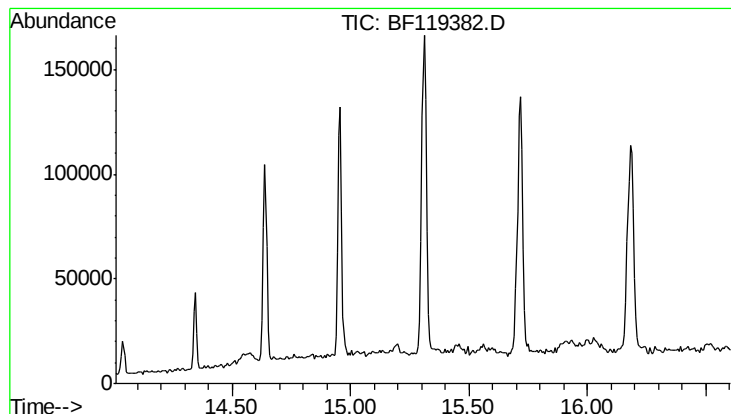
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 10.5
 236 26.2



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119382.D
 Acq: 12 Mar 2020 15:58

Tgt Ion:244 Resp: 3349
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.6 10.0#
 122 10.9 8.2 12.2





#87
 Pervlene-d12
 Concen: 0.000 ng
 Expected RT: 15.31 min
 Lab File: BF119382.D
 Acq: 12 Mar 2020 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264
 Sig Exp Ratio
 264 100
 260 24.3
 265 22.1

