

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115947.D
 Acq On : 2 Aug 2019 15:31
 Operator : HP/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Aug 02 23:35:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 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	-9.90
64) Phenanthrene-d10	11.63	188	657	20.00	ng	0.25
76) Chrysene-d12	0.00	240	0	0.00	ng	-14.03
87) Perylene-d12	0.00	264	0	0.00	ng	-15.49

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	9.25	172	127	0.00	ng	0.04
79) Terphenyl-d14	12.96	244	7926	0.00	ng	0.00

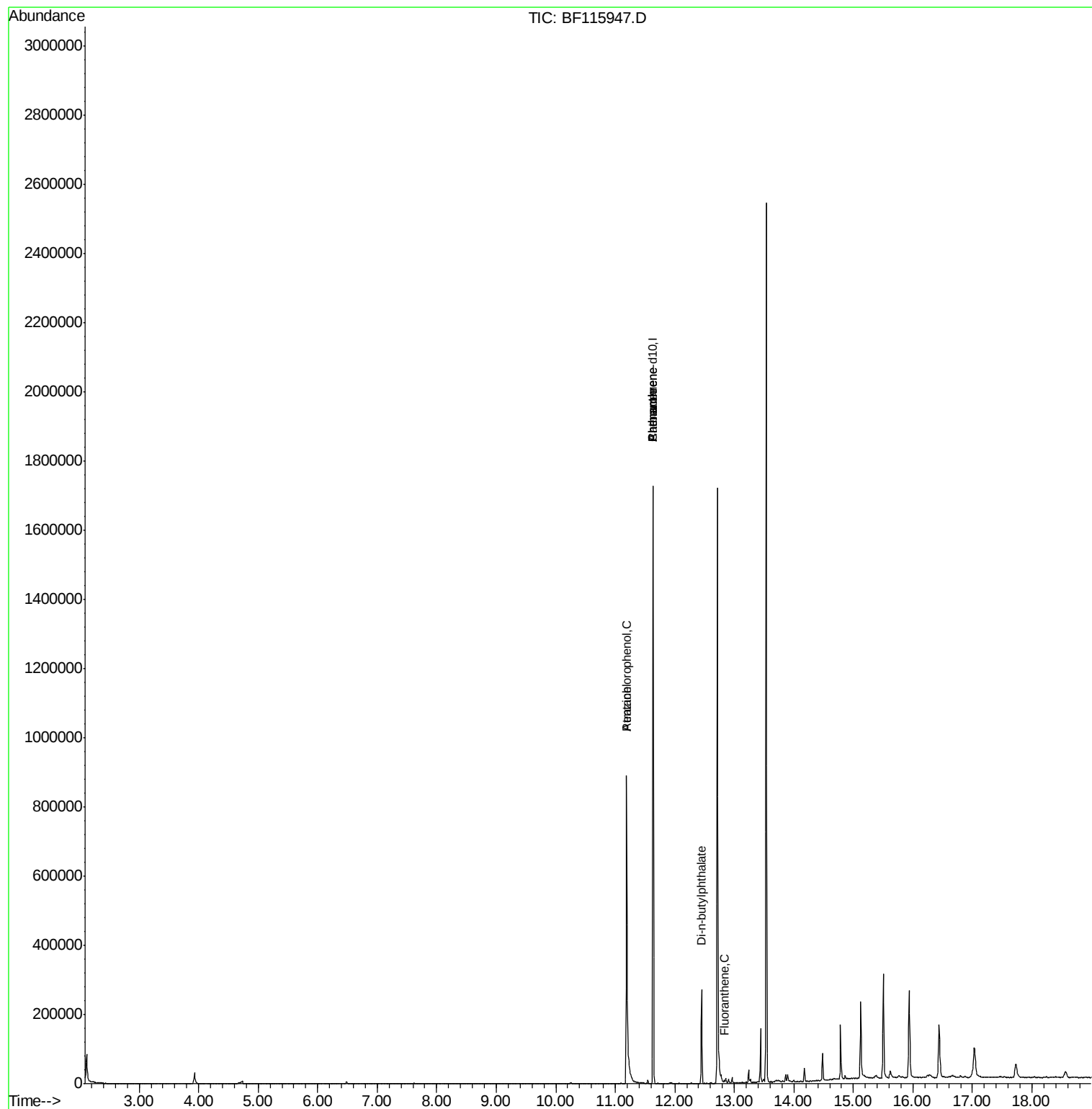
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	11.19	200	28089	4317.661	ng	# 36
70) Pentachlorophenol	11.19	266	162788	41228.574	ng	# 99
71) Phenanthrene	11.63	178	386	11.492	ng	# 1
72) Anthracene	11.63	178	386	11.356	ng	# 1
73) Carbazole	11.63	167	9704	314.667	ng	# 77
74) Di-n-butylphthalate	12.45	149	396	11.008	ng	# 77
75) Fluoranthene	12.83	202	1001	28.468	ng	# 78

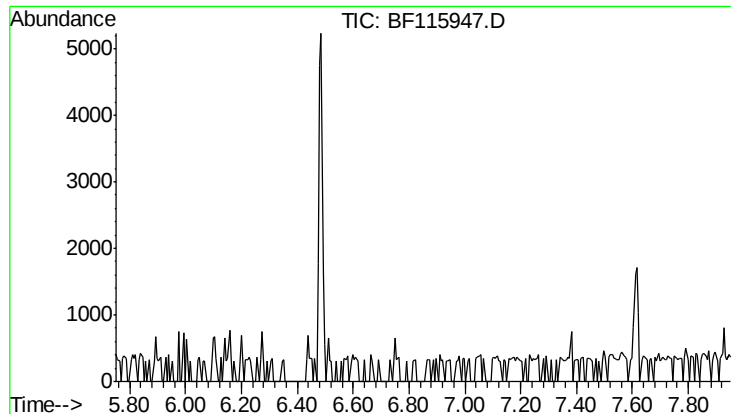
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 6.85 min

Lab File: BF115947.D

Acq: 2 Aug 2019 15:31

Instrument :

BNA_F

ClientSampleId :

DFTPP

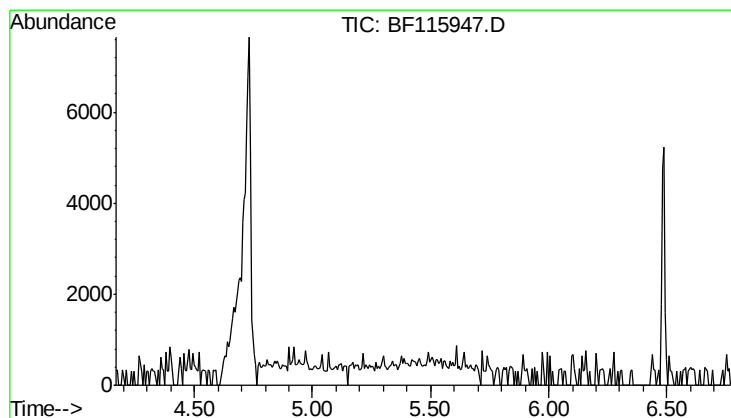
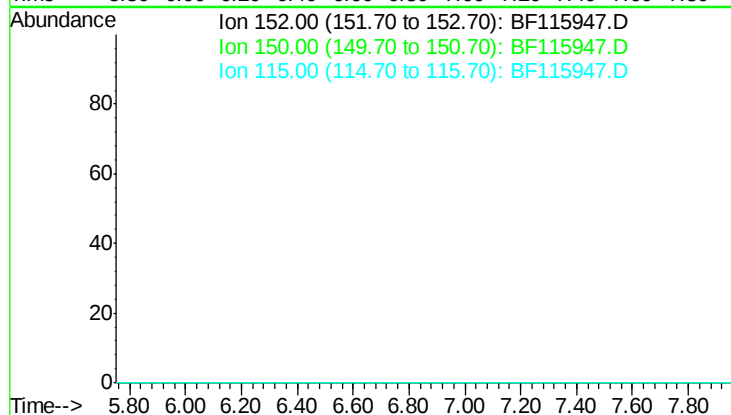
Tot Ion: 152

Sig Exp Ratio

152 100

150 159.2

115 64.8



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.47 min

Lab File: BF115947.D

Acq: 2 Aug 2019 15:31

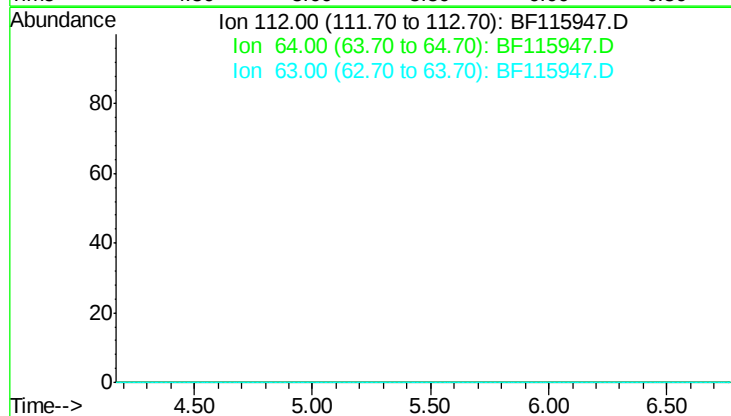
Tgt Ion: 112

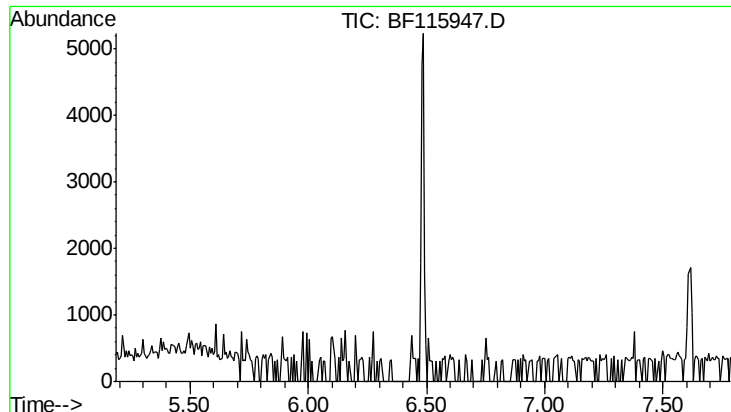
Sig Exp Ratio

112 100

64 58.5

63 30.2

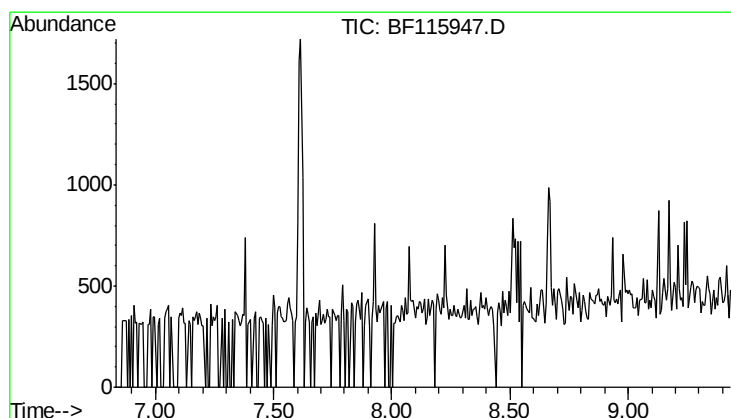
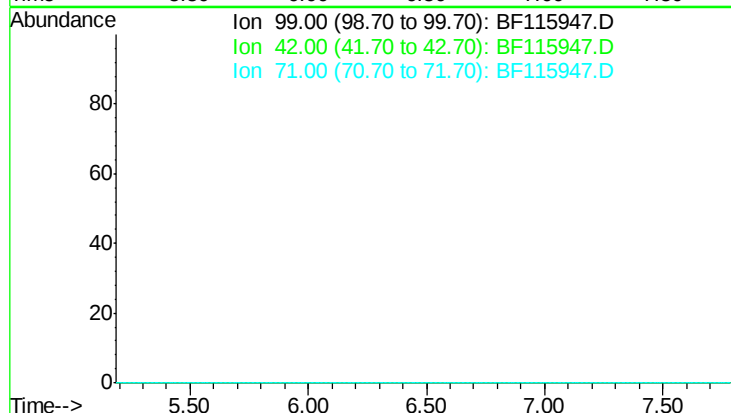




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF115947.D
 Acq: 2 Aug 2019 15:31

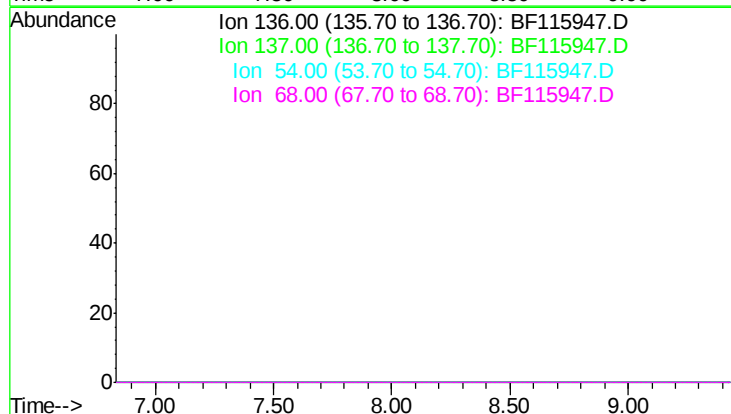
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

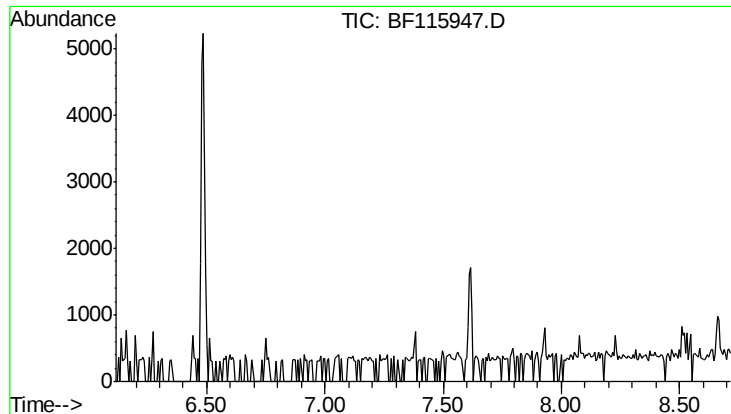
Tot Ion	99
Sig	Exp Ratio
99	100
42	17.2
71	33.9



#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 8.13 min
 Lab File: BF115947.D
 Acq: 2 Aug 2019 15:31

Tgt Ion	136
Sig	Exp Ratio
136	100
137	11.4
54	7.6
68	6.8

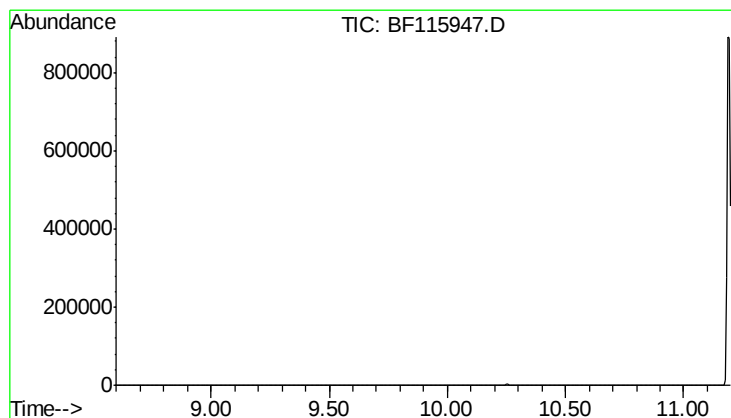
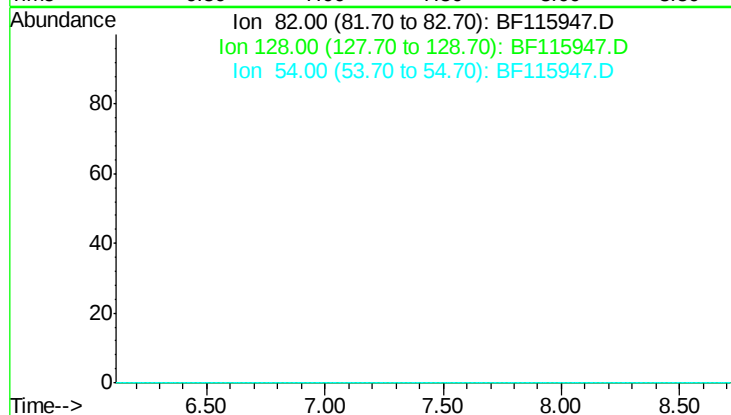




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF115947.D
 Acq: 2 Aug 2019 15:31

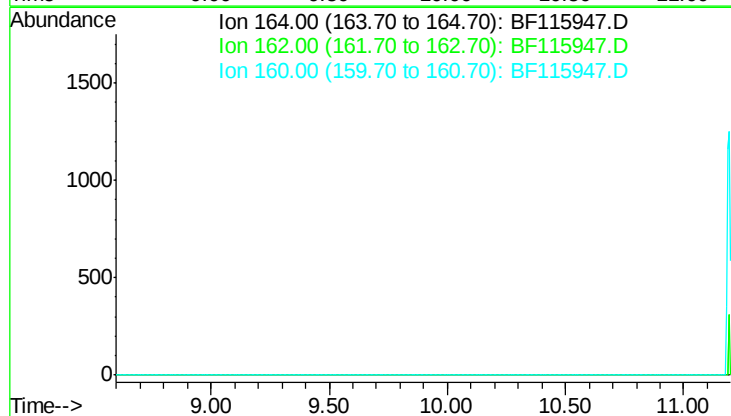
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

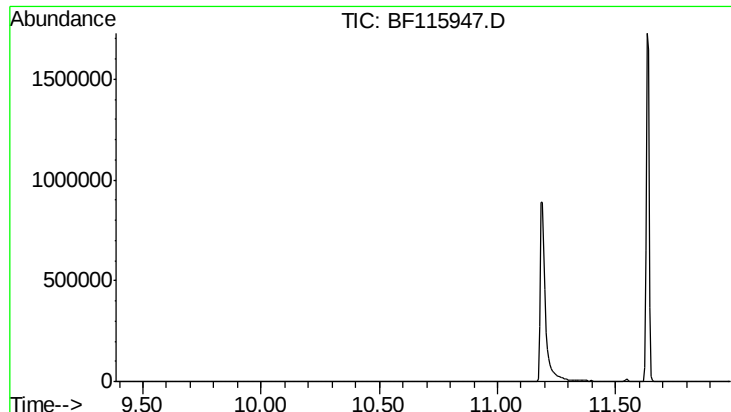
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.8
 54 45.8



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.90 min
 Lab File: BF115947.D
 Acq: 2 Aug 2019 15:31

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 101.0
 160 45.3

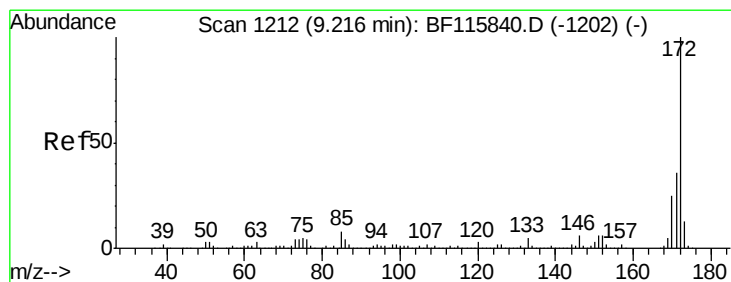
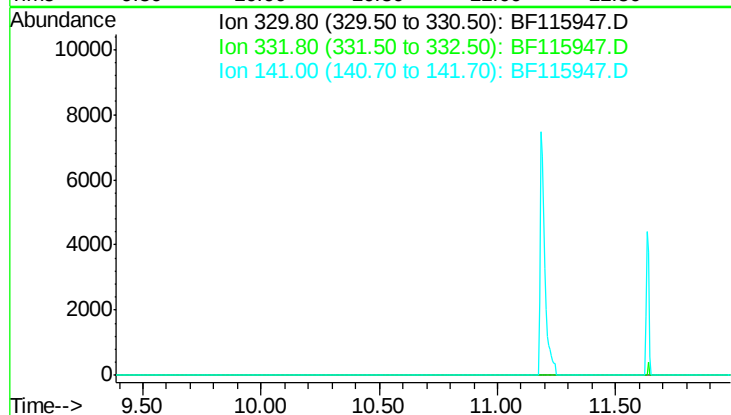




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.69 min
 Lab File: BF115947.D
 Acq: 2 Aug 2019 15:31

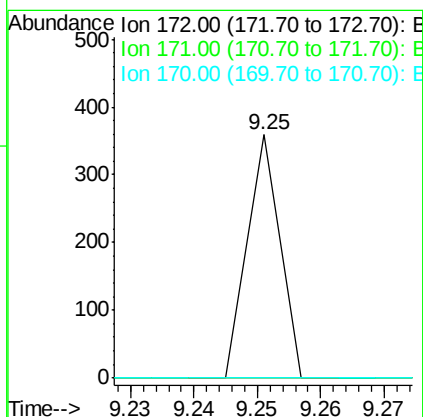
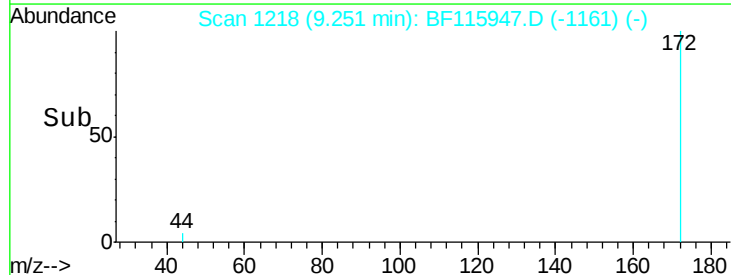
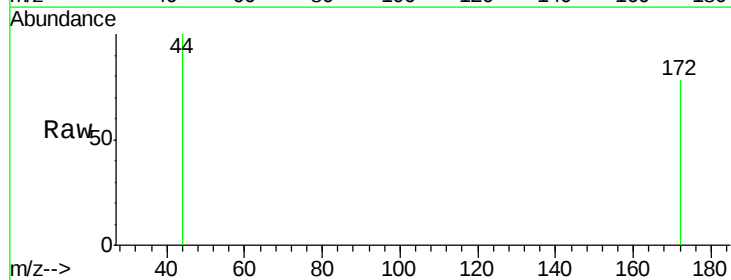
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

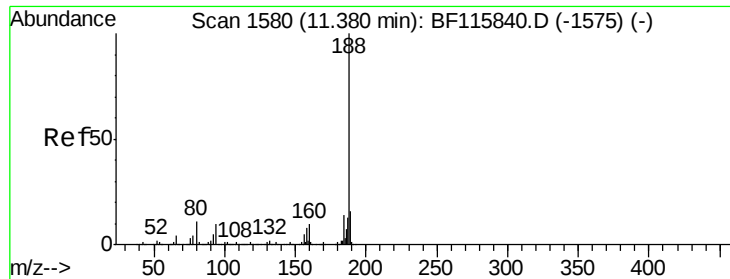
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 97.1
 141 35.1



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.04 min
 Lab File: BF115947.D
 Acq: 2 Aug 2019 15:31

Tgt Ion: 172 Resp: 127
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.1 43.7#
 170 0.0 20.1 30.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.25 min

Lab File: BF115947.D

Acq: 2 Aug 2019 15:31

Instrument :

BNA_F

ClientSampleId :

DFTPP

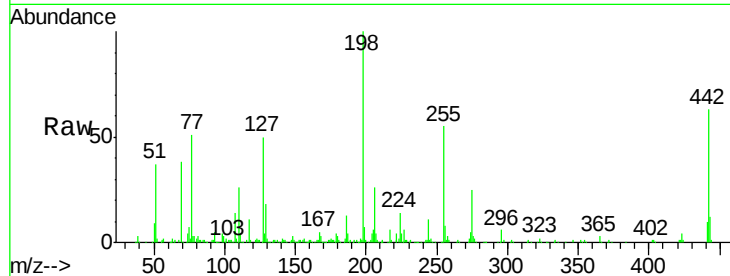
Tot Ion:188 Resp: 657

Ion Ratio Lower Upper

188 100

94 87.1 8.0 12.0#

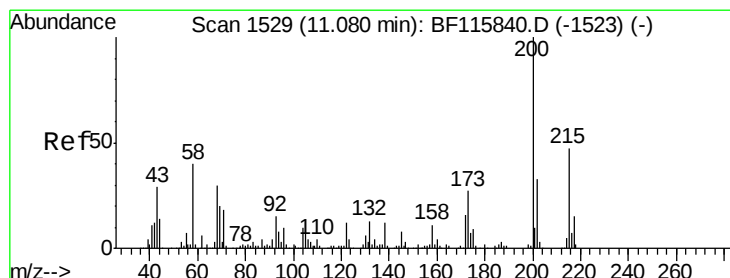
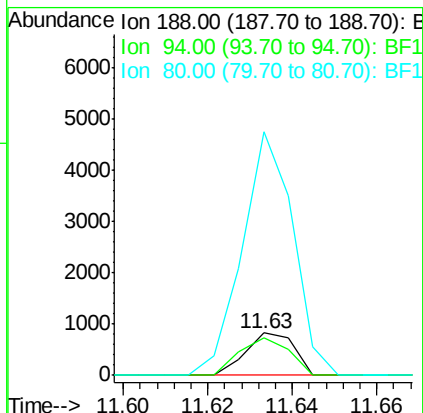
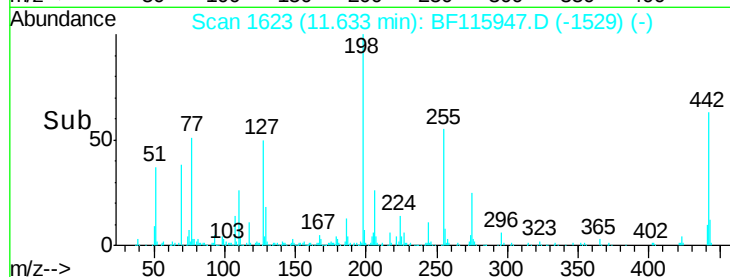
80 571.7 8.6 12.8#



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: 4317.661 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.11 min

Lab File: BF115947.D

Acq: 2 Aug 2019 15:31

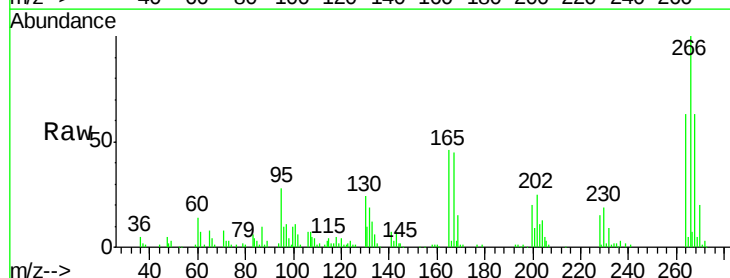
Tgt Ion:200 Resp: 28089

Ion Ratio Lower Upper

200 100

173 0.0 7.3 47.3#

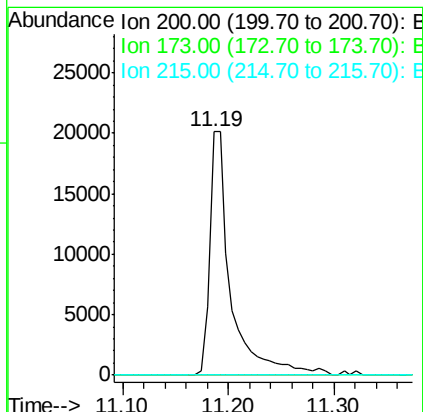
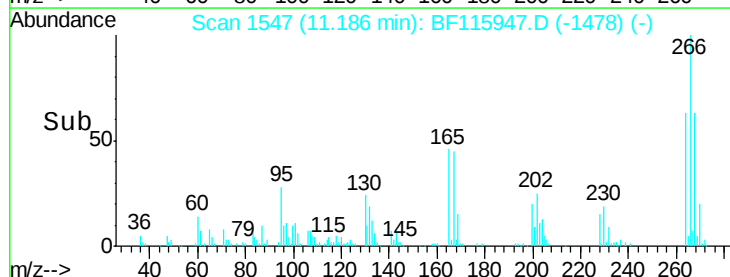
215 0.0 26.9 66.9#

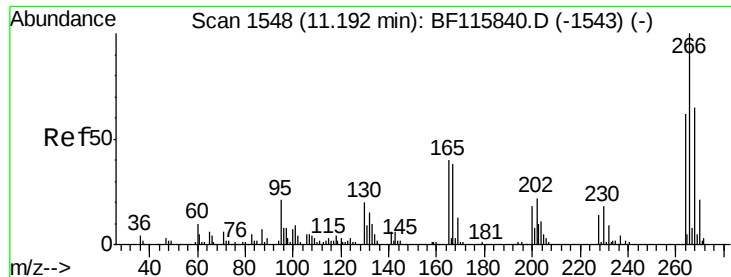


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

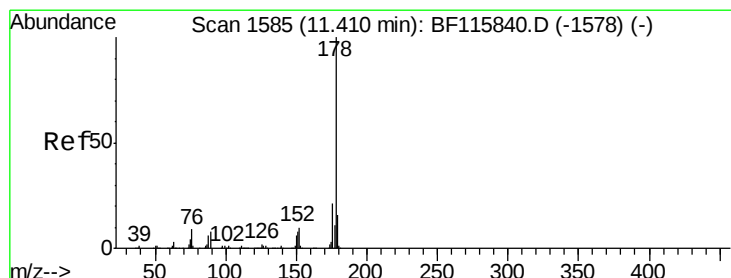
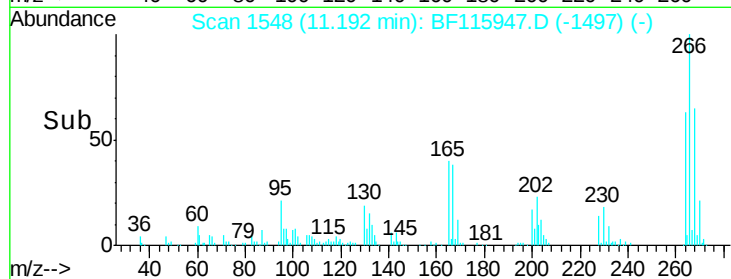
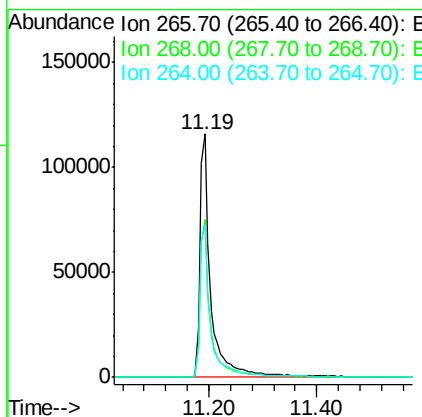
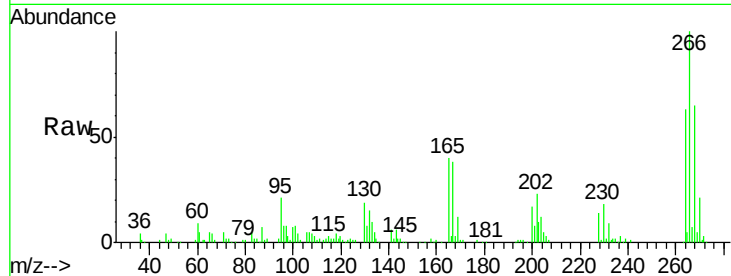




#70
 Pentachlorophenol
 Concen: 41228.574 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF115947.D
 Acq: 2 Aug 2019 15:31

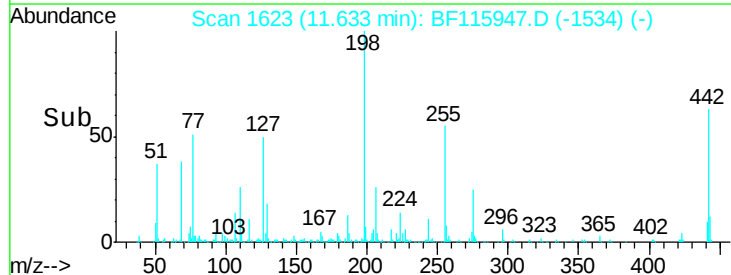
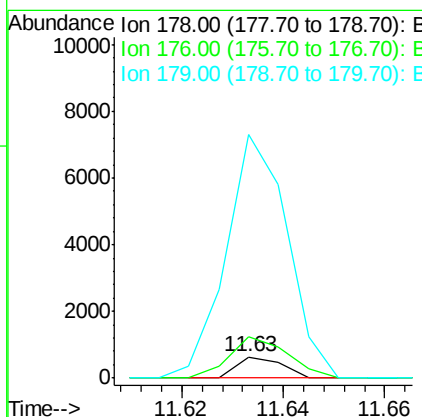
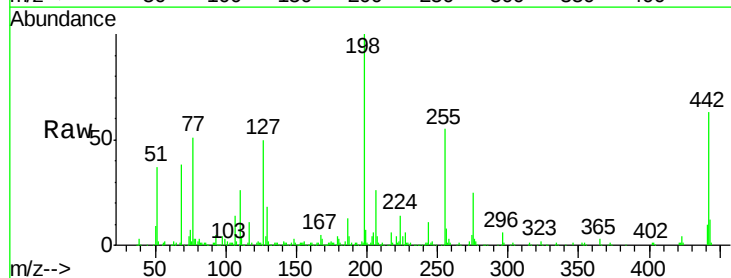
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

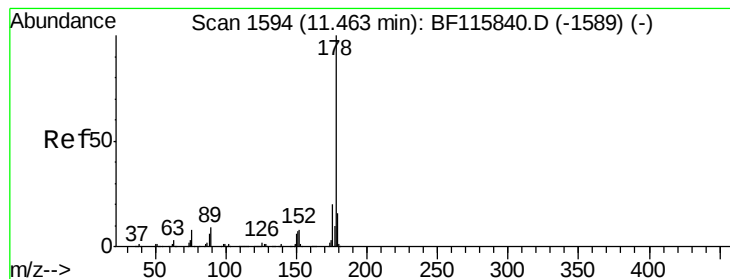
Tot Ion:266 Resp: 162788
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.6 77.4
 264 62.7 49.4 74.0



#71
 Phenanthrene
 Concen: 11.492 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.22 min
 Lab File: BF115947.D
 Acq: 2 Aug 2019 15:31

Tgt Ion:178 Resp: 386
 Ion Ratio Lower Upper
 178 100
 176 197.5 16.5 24.7#
 179 1156.7 12.6 18.8#





#72

Anthracene

Concen: 11.356 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.17 min

Lab File: BF115947.D

Acq: 2 Aug 2019 15:31

Instrument :

BNA_F

ClientSampleID :

DFTPP

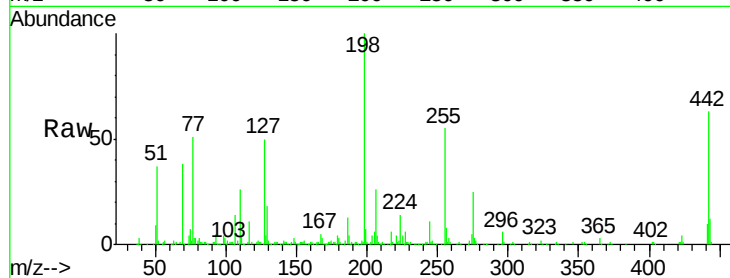
Tot Ion:178 Resp: 386

Ion Ratio Lower Upper

178 100

176 197.5 15.7 23.5#

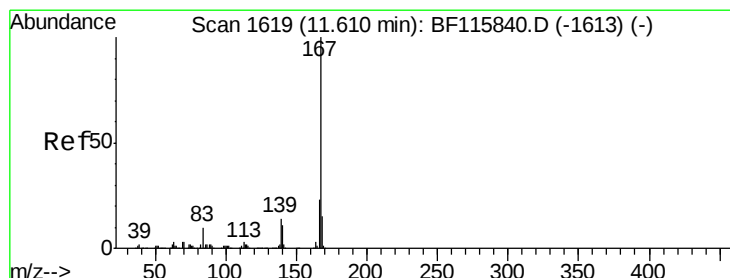
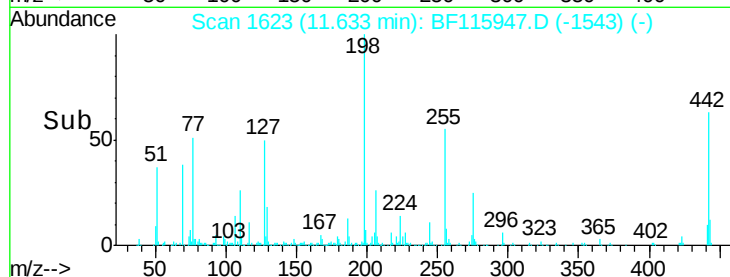
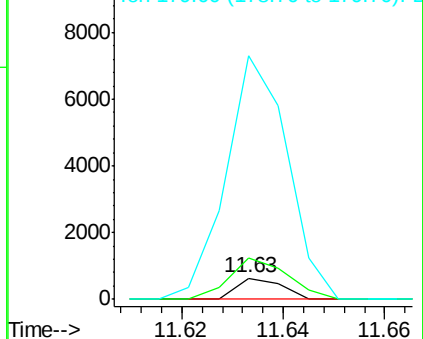
179 1156.7 12.4 18.6#



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



#73

Carbazole

Concen: 314.667 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.02 min

Lab File: BF115947.D

Acq: 2 Aug 2019 15:31

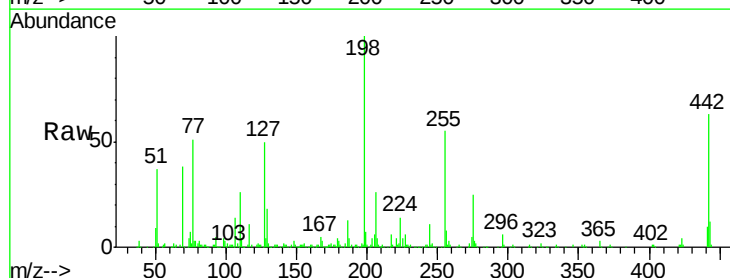
Tgt Ion:167 Resp: 9704

Ion Ratio Lower Upper

167 100

166 14.7 18.0 27.0#

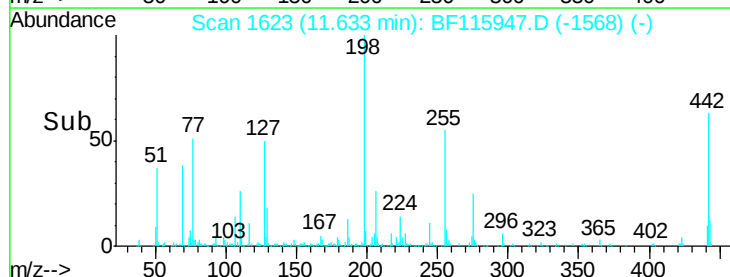
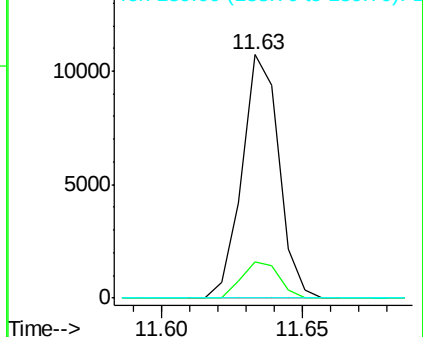
139 0.0 11.4 17.2#

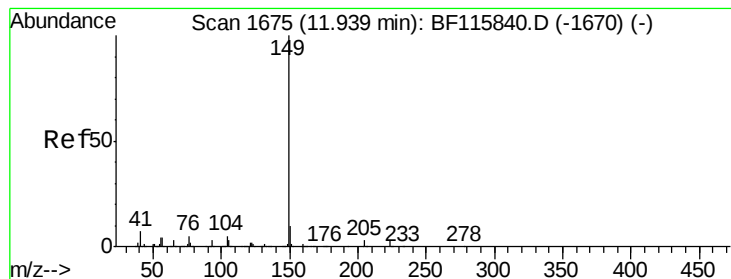


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 11.008 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.51 min

Lab File: BF115947.D

Acq: 2 Aug 2019 15:31

Instrument :

BNA_F

ClientSampleId :

DFTPP

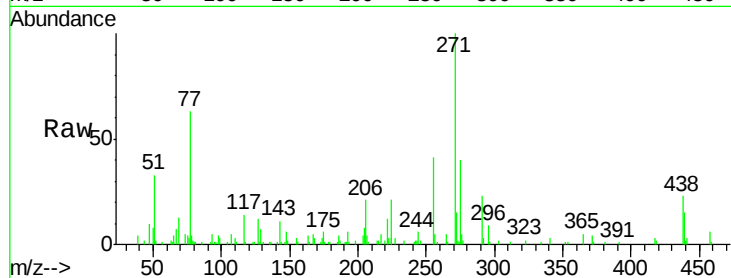
Tot Ion:149 Resp: 396

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.3 6.5#



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

12.45

800

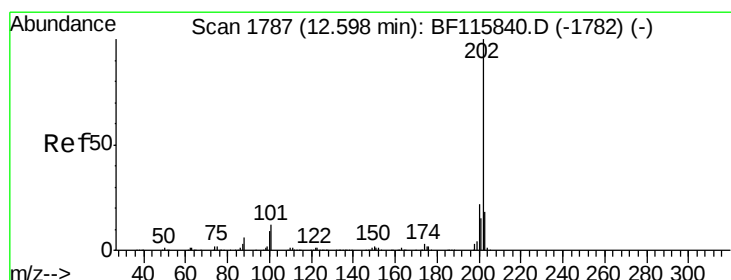
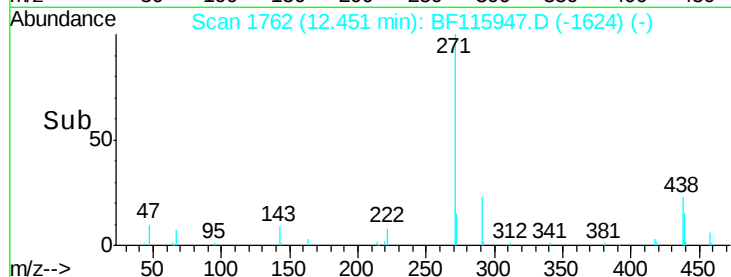
600

400

200

0

Time--> 12.42 12.44 12.46



#75

Fluoranthene

Concen: 28.468 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.23 min

Lab File: BF115947.D

Acq: 2 Aug 2019 15:31

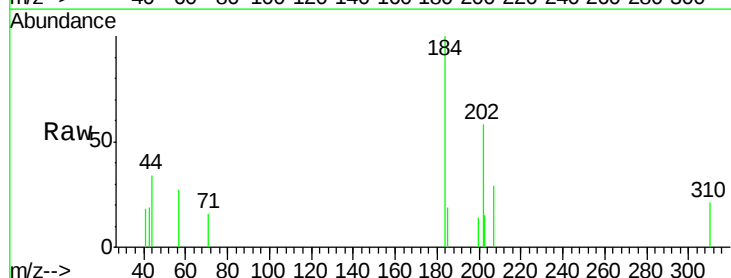
Tgt Ion:202 Resp: 1001

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

203 25.1 0.0 37.9



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

12.83

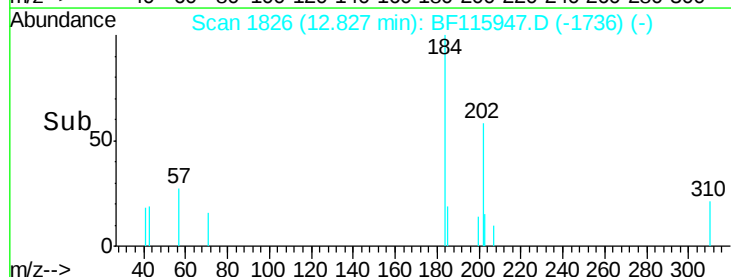
1500

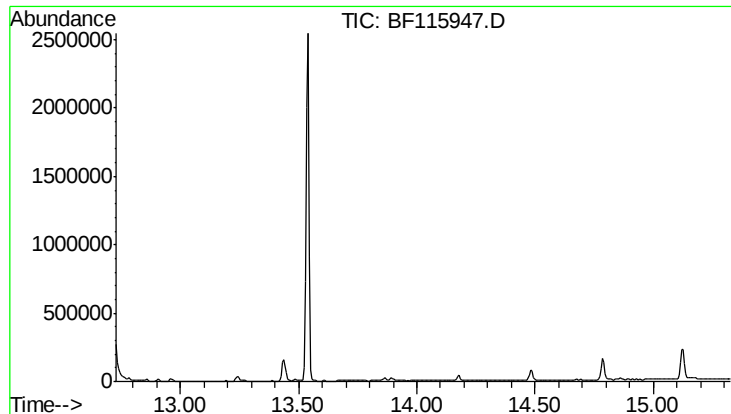
1000

500

0

Time--> 12.80 12.82 12.84

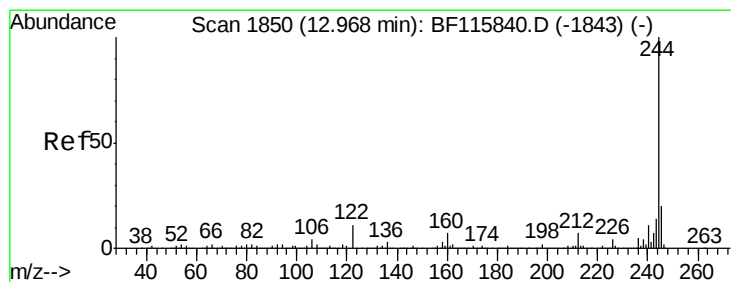
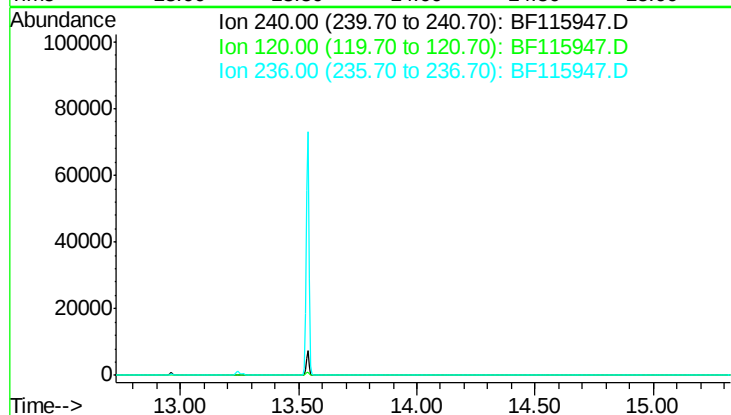




#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 14.03 min
 Lab File: BF115947.D
 Acq: 2 Aug 2019 15:31

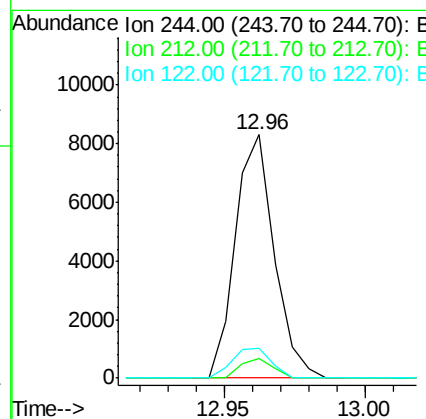
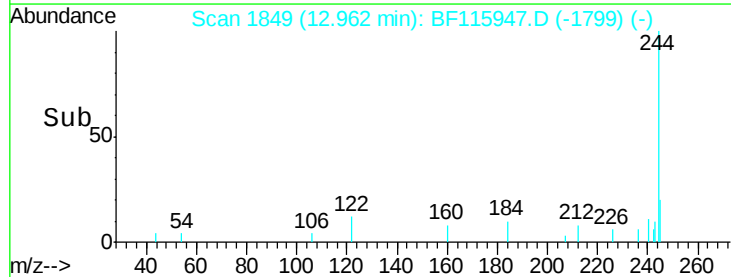
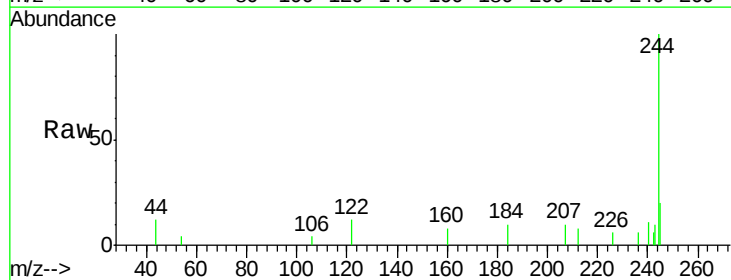
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

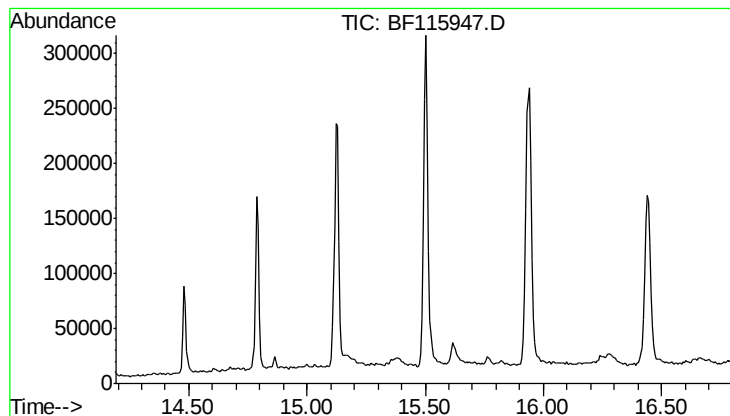
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 10.6
 236 27.7



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115947.D
 Acq: 2 Aug 2019 15:31

Tgt Ion: 244 Resp: 7926
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.6 8.4
 122 12.4 8.6 13.0





#87
 Pervlene-d12
 Concen: 0.000 ng
 Expected RT: 15.49 min
 Lab File: BF115947.D
 Acq: 2 Aug 2019 15:31

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion: 264
 Sig Exp Ratio
 264 100
 260 24.3
 265 21.9

