

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080319\
 Data File : BF115969.D
 Acq On : 3 Aug 2019 9:13
 Operator : HP/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Aug 05 01:14:24 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	464	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	0.00	172	0	0.00	ng	
79) Terphenyl-d14	12.96	244	5254	0.00	ng	0.00

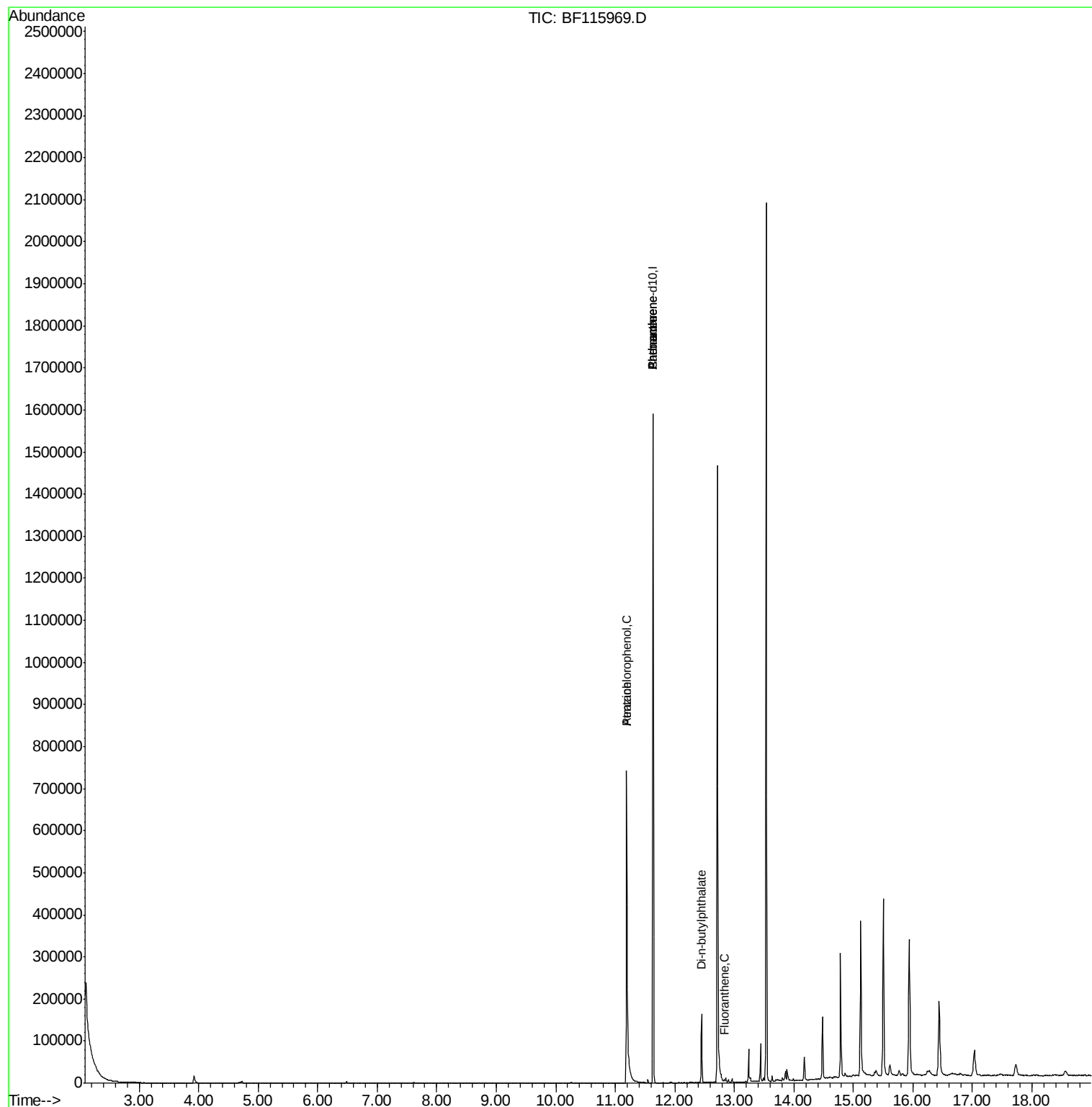
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	11.19	200	22322	4858.394	ng	# 36
70) Pentachlorophenol	11.19	266	129973	46609.717	ng	# 99
71) Phenanthrene	11.63	178	376	15.851	ng	# 1
72) Anthracene	11.63	178	376	15.662	ng	# 1
73) Carbazole	11.63	167	9170	421.034	ng	# 76
74) Di-n-butylphthalate	12.45	149	276	10.863	ng	# 77
75) Fluoranthene	12.83	202	1025	41.275	ng	# 81

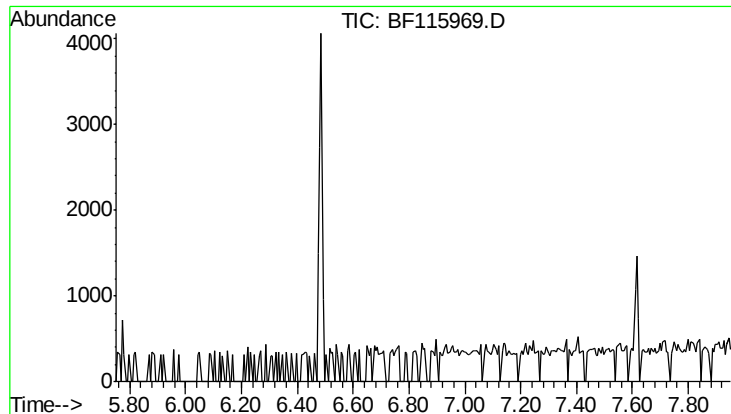
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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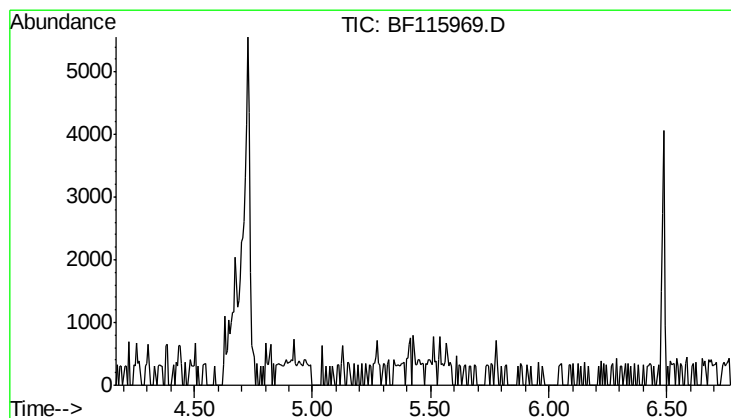
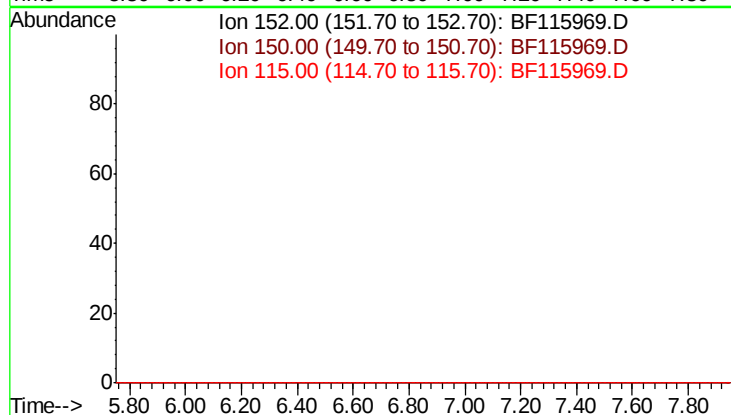




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.85 min
 Lab File: BF115969.D
 Acq: 3 Aug 2019 9:13

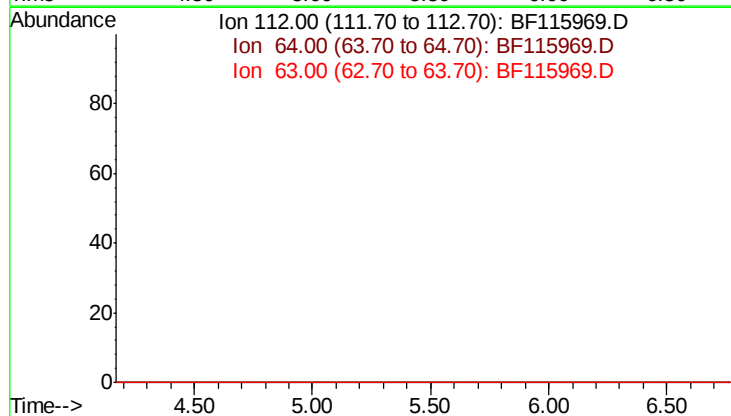
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

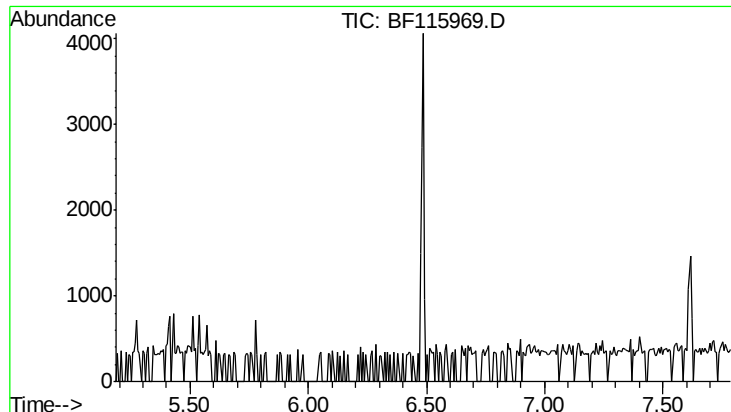
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 159.2
 115 64.8



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.47 min
 Lab File: BF115969.D
 Acq: 3 Aug 2019 9:13

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: BF115969.D

Acq: 3 Aug 2019 9:13

Instrument :

BNA_F

ClientSampleId :

DFTPP

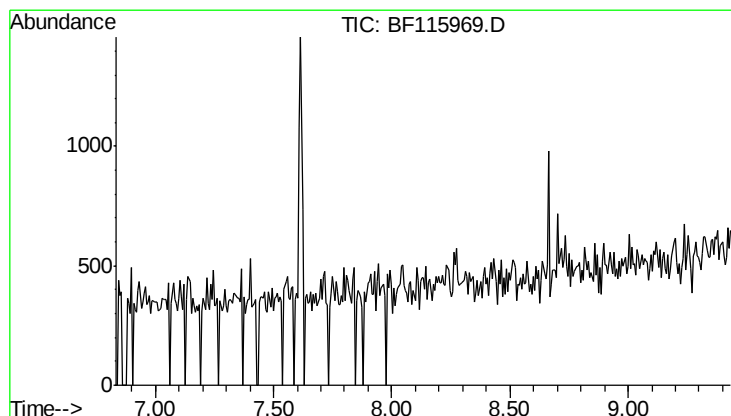
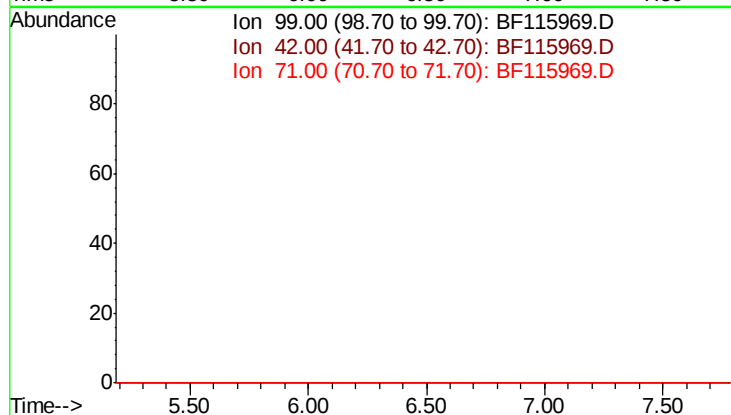
Tgt Ion: 99

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: BF115969.D

Acq: 3 Aug 2019 9:13

Tgt Ion: 136

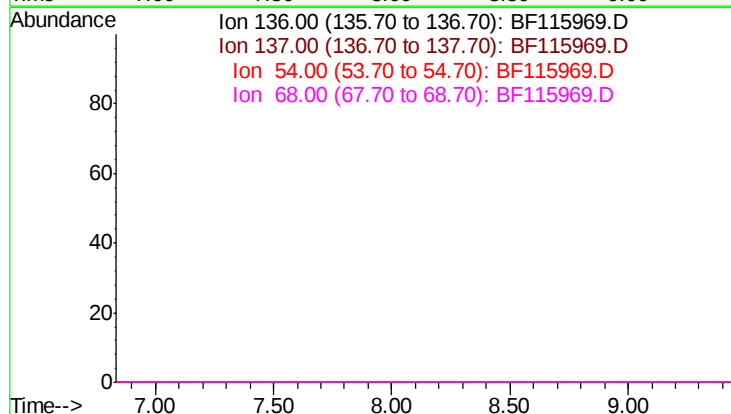
Sig Exp Ratio

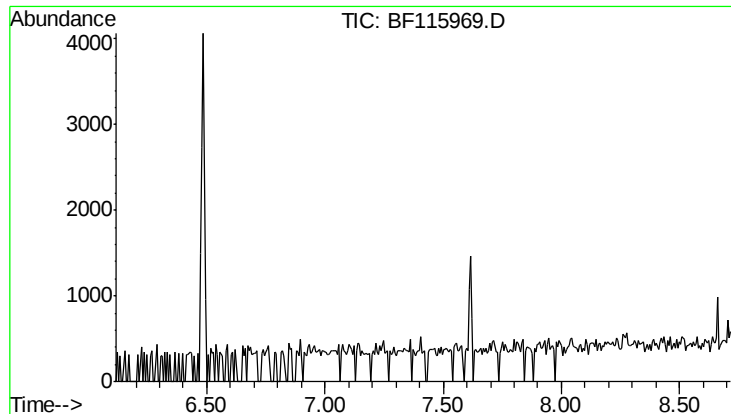
136 100

137 11.4

54 7.6

68 6.8

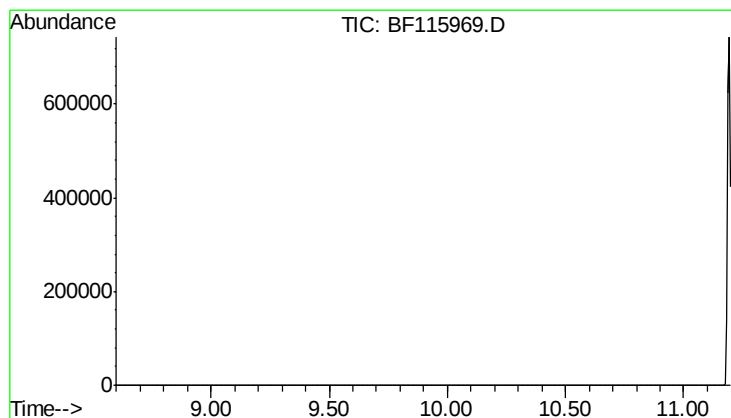
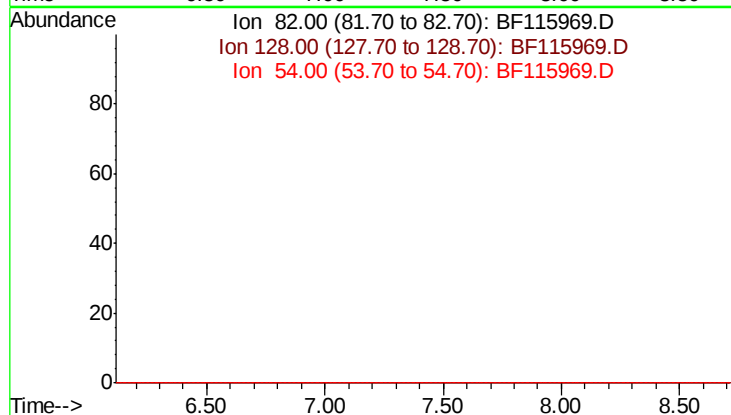




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF115969.D
 Acq: 3 Aug 2019 9:13

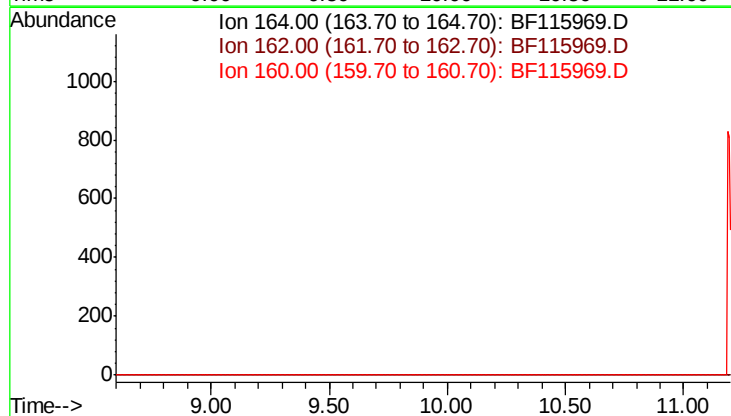
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

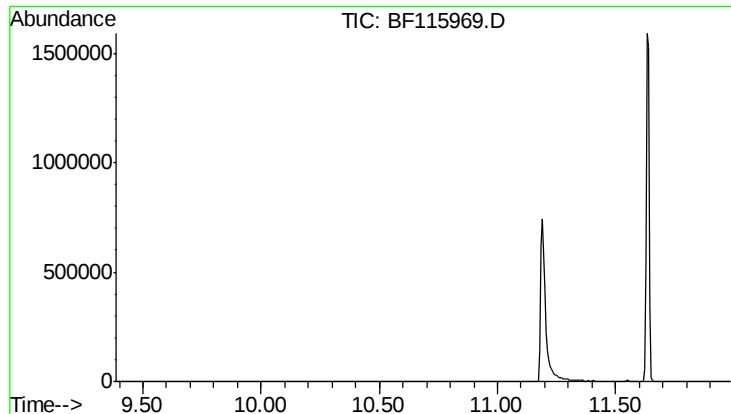
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 45.8
 54 45.8



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.90 min
 Lab File: BF115969.D
 Acq: 3 Aug 2019 9:13

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

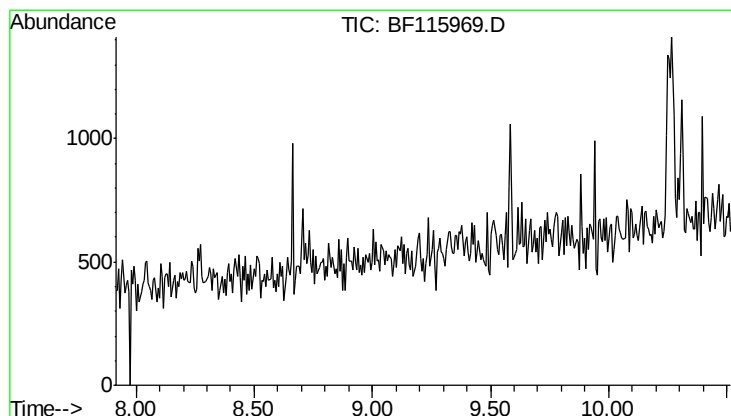
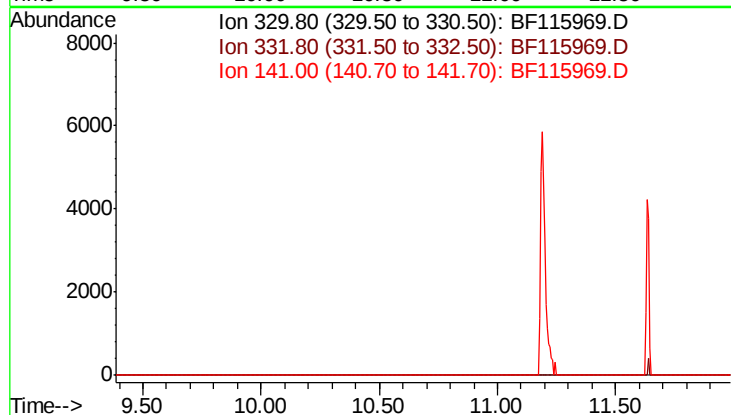




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.69 min
 Lab File: BF115969.D
 Acq: 3 Aug 2019 9:13

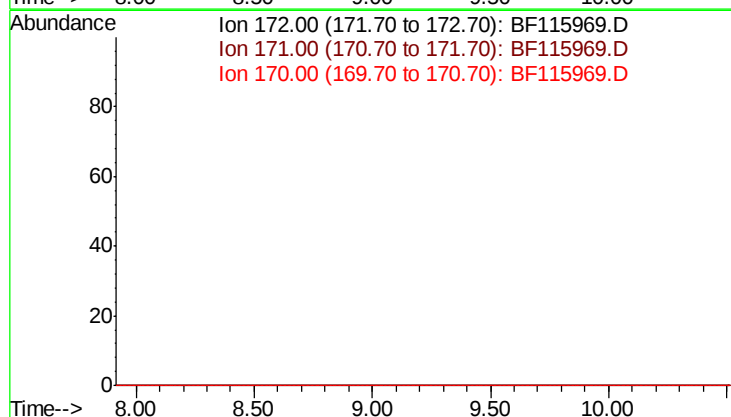
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

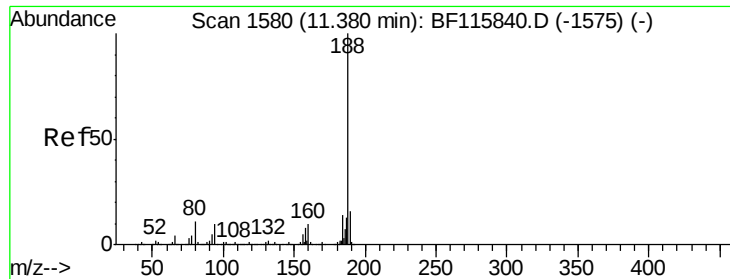
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 97.1
 141 35.1



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.22 min
 Lab File: BF115969.D
 Acq: 3 Aug 2019 9:13

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.4
 170 25.1

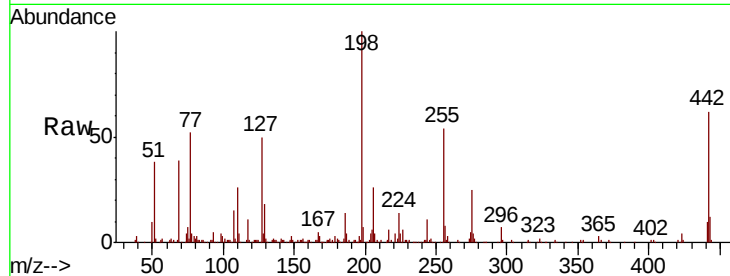




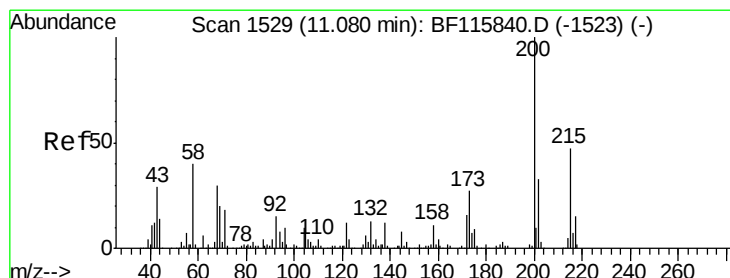
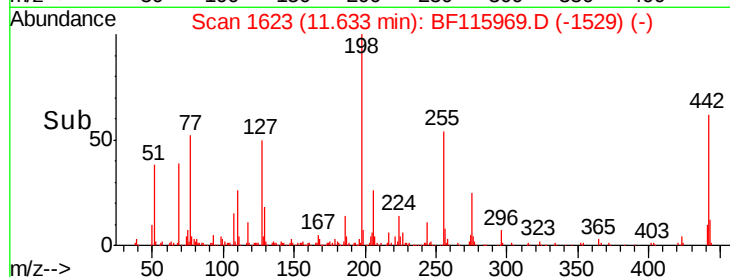
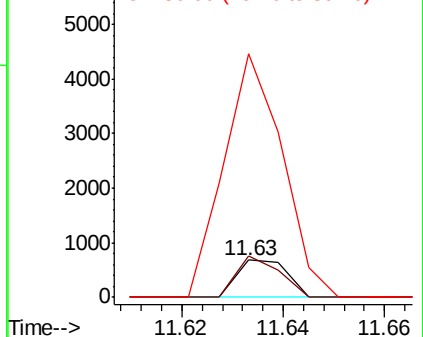
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.63 min Scan# 1623
Delta R.T. 0.25 min
Lab File: BF115969.D
Acq: 3 Aug 2019 9:13

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 464
Ion Ratio Lower Upper
188 100
94 112.5 8.0 12.0#
80 655.7 8.6 12.8#

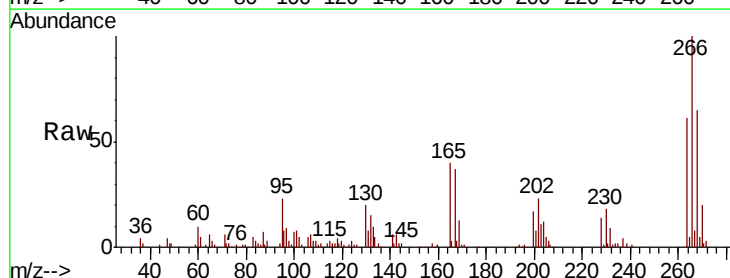


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

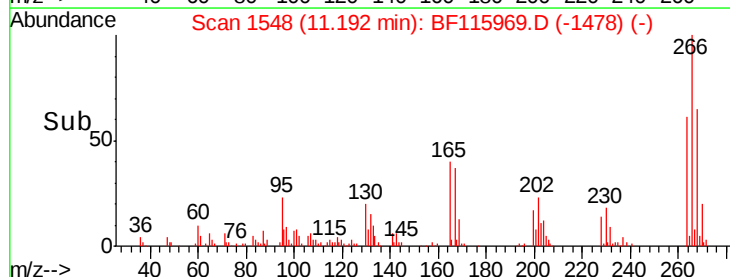
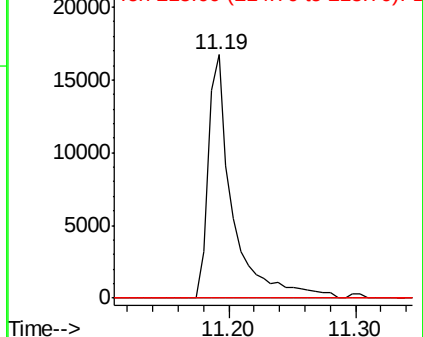


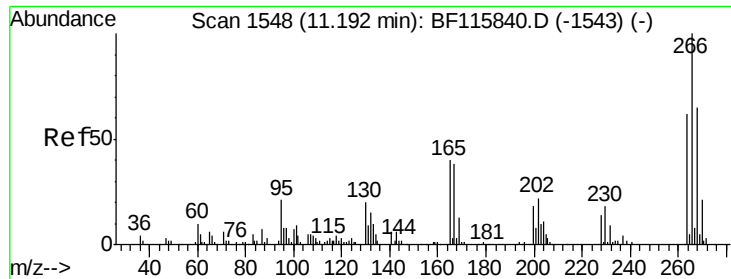
#69
Atrazine
Concen: 4858.394 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.11 min
Lab File: BF115969.D
Acq: 3 Aug 2019 9:13

Tgt Ion:200 Resp: 22322
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

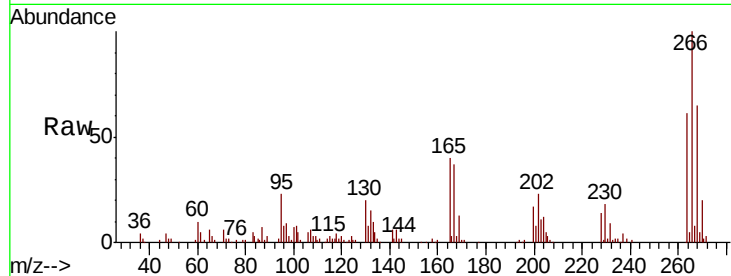




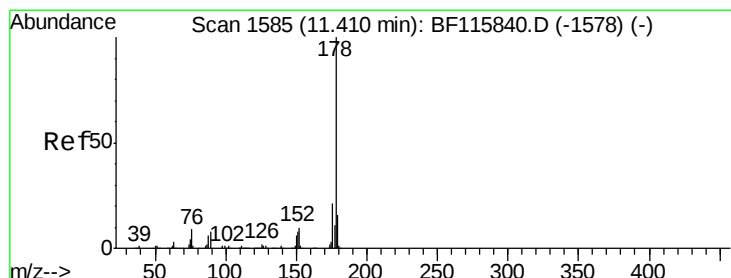
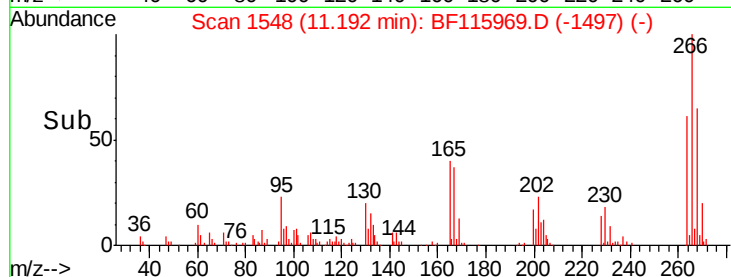
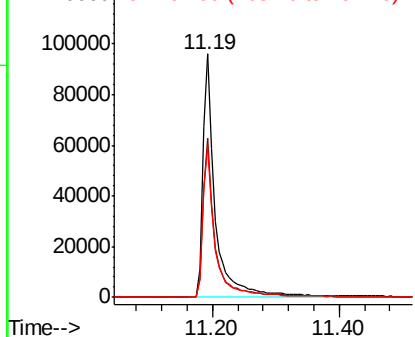
#70
 Pentachlorophenol
 Concen: 46609.717 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF115969.D
 Acq: 3 Aug 2019 9:13

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:266 Resp: 129973
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.6 77.4
 264 61.5 49.4 74.0

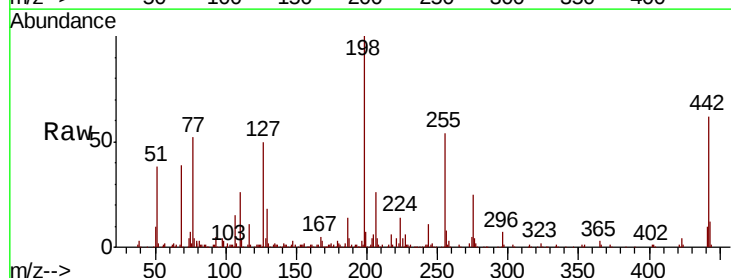


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

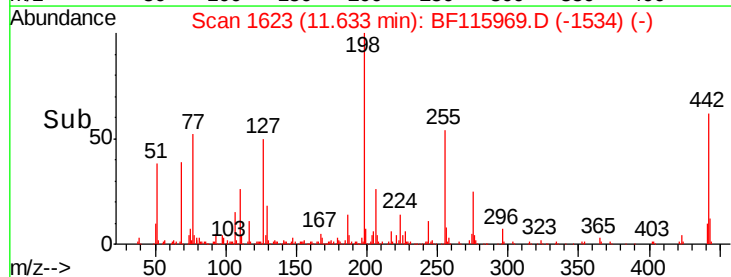
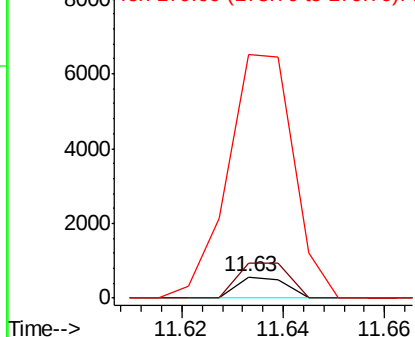


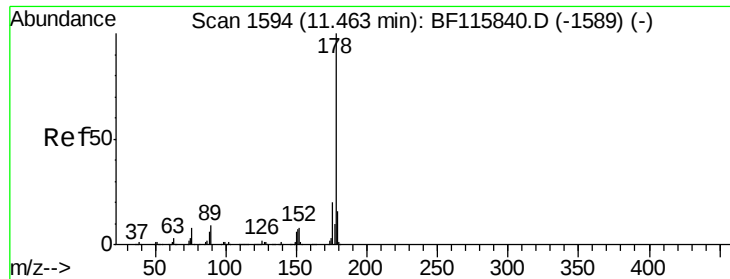
#71
 Phenanthrene
 Concen: 15.851 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.22 min
 Lab File: BF115969.D
 Acq: 3 Aug 2019 9:13

Tgt Ion:178 Resp: 376
 Ion Ratio Lower Upper
 178 100
 176 164.2 16.5 24.7#
 179 1138.8 12.6 18.8#



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: 15.662 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.17 min

Lab File: BF115969.D

Acq: 3 Aug 2019 9:13

Instrument :

BNA_F

ClientSampled :

DFTPP

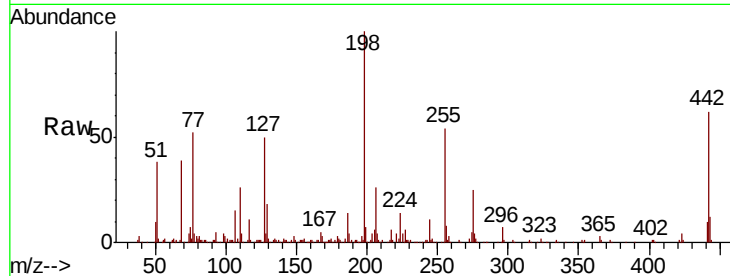
Tgt Ion:178 Resp: 376

Ion Ratio Lower Upper

178 100

176 164.2 15.7 23.5#

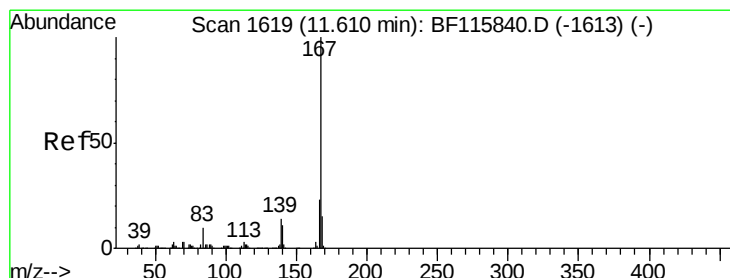
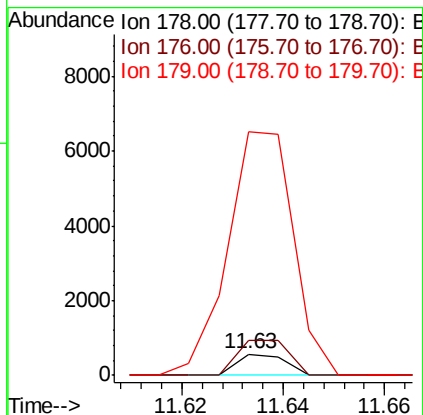
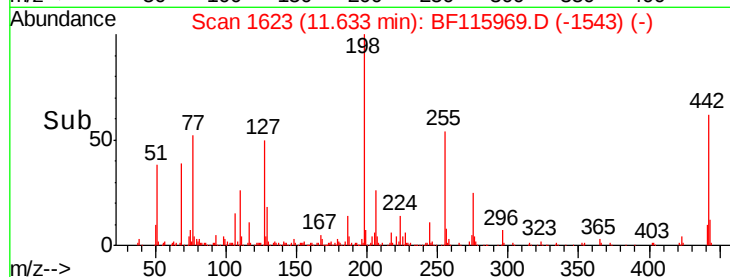
179 1138.8 12.4 18.6#



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: 421.034 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.02 min

Lab File: BF115969.D

Acq: 3 Aug 2019 9:13

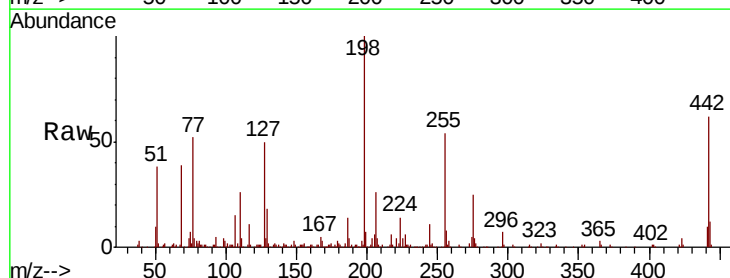
Tgt Ion:167 Resp: 9170

Ion Ratio Lower Upper

167 100

166 14.0 18.0 27.0#

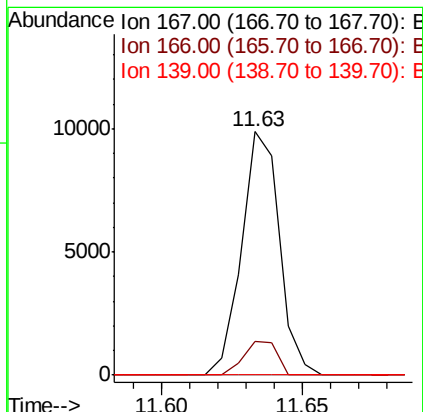
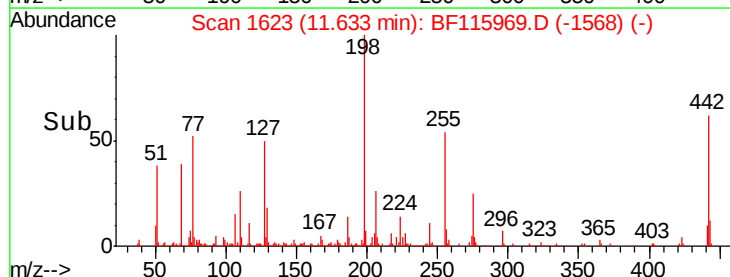
139 0.0 11.4 17.2#

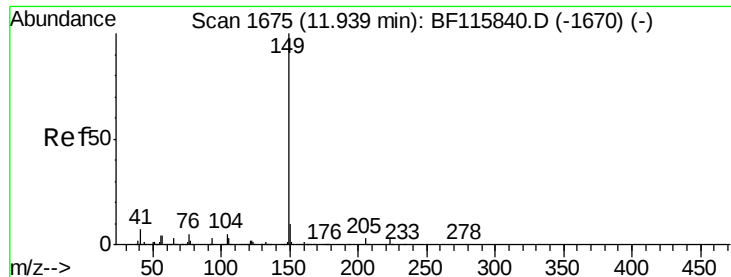


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 10.863 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.51 min

Lab File: BF115969.D

Acq: 3 Aug 2019 9:13

Instrument :

BNA_F

ClientSampleId :

DFTPP

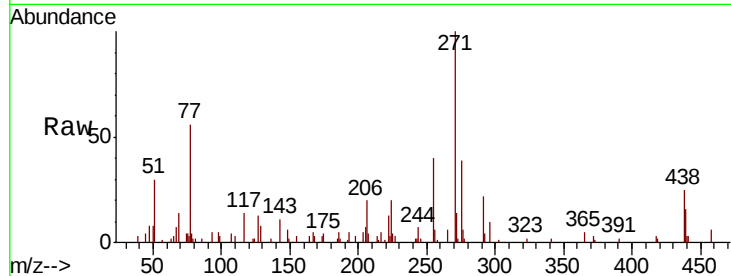
Tgt Ion:149 Resp: 276

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.3 6.5#

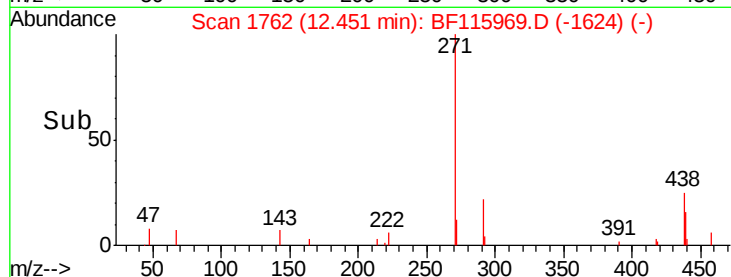


Abundance Ion 149.00 (148.70 to 149.70): E

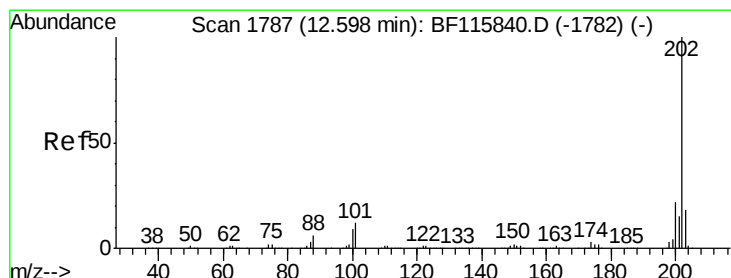
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

12.45



Time--> 12.42 12.44 12.46



#75

Fluoranthene

Concen: 41.275 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.23 min

Lab File: BF115969.D

Acq: 3 Aug 2019 9:13

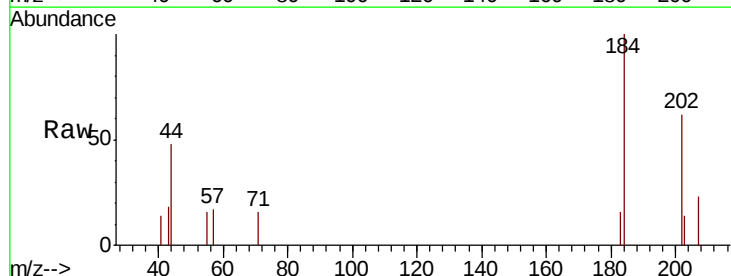
Tgt Ion:202 Resp: 1025

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

203 23.0 0.0 37.9

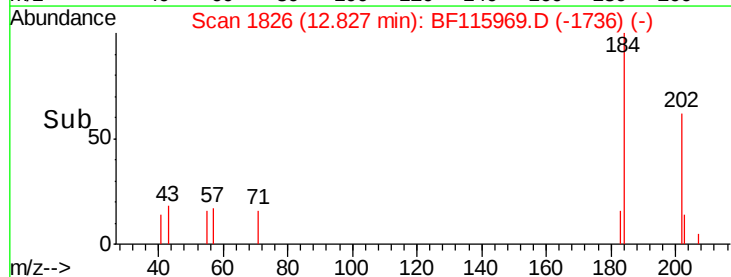


Abundance Ion 202.00 (201.70 to 202.70): E

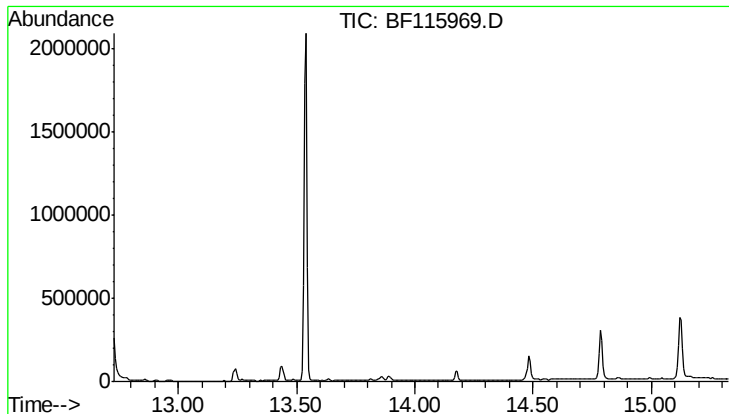
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.83



Time--> 12.80 12.82 12.84



#76

Chrysene-d12

Concen: 0.000 ng

Expected RT: 14.03 min

Lab File: BF115969.D

Acq: 3 Aug 2019 9:13

Instrument :

BNA_F

ClientSampleId :

DFTPP

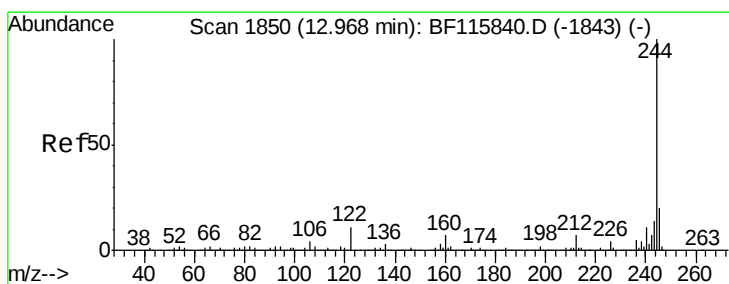
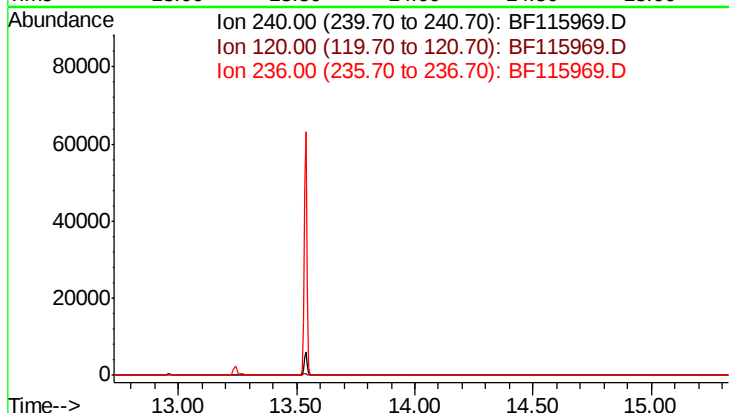
Tgt Ion: 240

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: BF115969.D

Acq: 3 Aug 2019 9:13

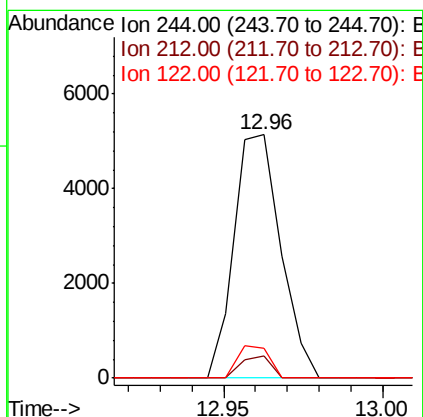
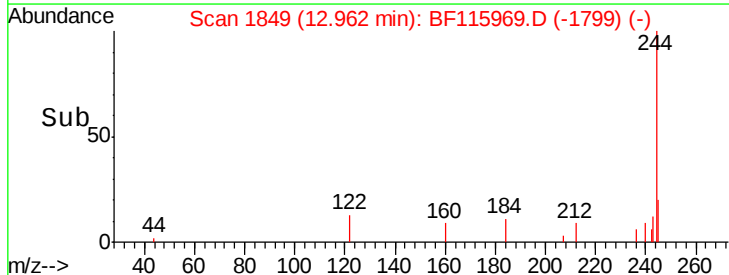
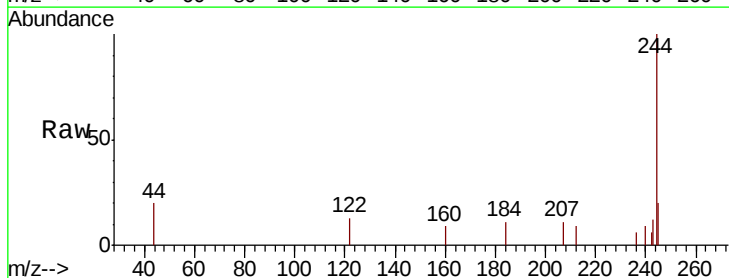
Tgt Ion: 244 Resp: 5254

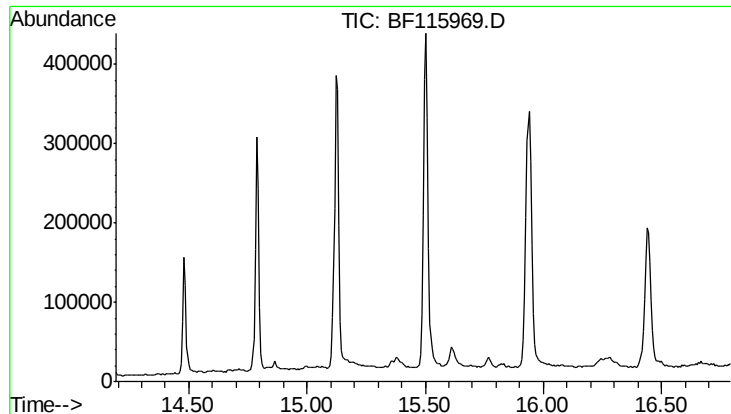
Ion Ratio Lower Upper

244 100

212 9.3 5.6 8.4#

122 12.5 8.6 13.0





#87
Perylene-d12
Concen: 0.000 ng
Expected RT: 15.49 min
Lab File: BF115969.D
Acq: 3 Aug 2019 9:13

Instrument :
BNA_F
ClientSampleId :
DFTPP

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

