

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116015.D
 Acq On : 6 Aug 2019 16:10
 Operator : HP/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 01:15:24 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	11.62	188	760	20.00	ng	0.24
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	12.94	244	1322	0.00	ng	-0.03

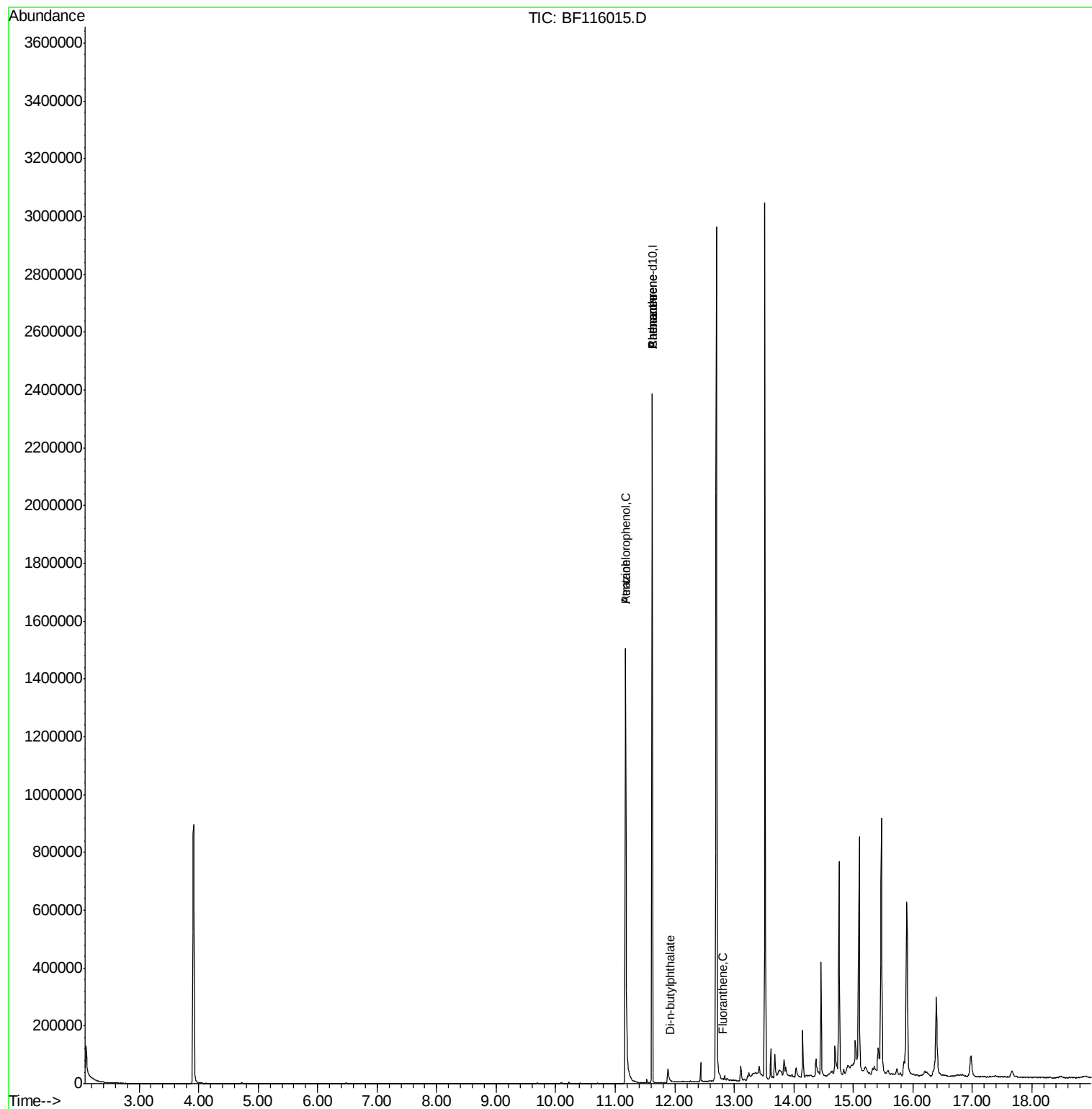
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	11.17	200	39509	5250.009	ng	# 36
70) Pentachlorophenol	11.17	266	224310	49110.725	ng	# 100
71) Phenanthrene	11.62	178	567	14.594	ng	# 1
72) Anthracene	11.62	178	567	14.420	ng	# 1
73) Carbazole	11.62	167	12786	358.416	ng	# 77
74) Di-n-butylphthalate	11.92	149	1912	45.945	ng	# 77
75) Fluoranthene	12.81	202	1678	41.254	ng	# 80

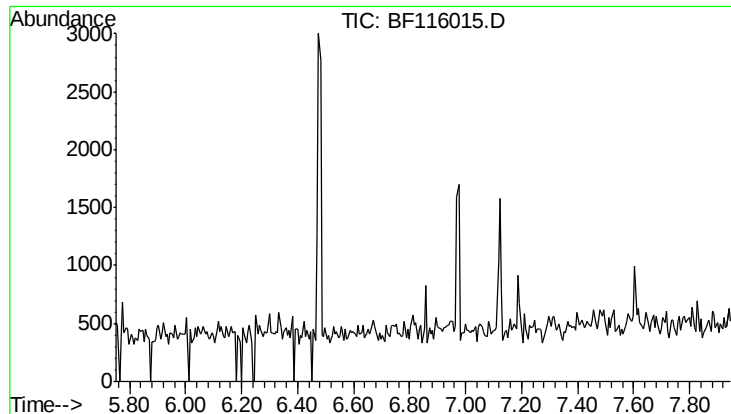
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 6.85 min

Lab File: BF116015.D

Acq: 6 Aug 2019 16:10

Instrument :

BNA_F

ClientSampleId :

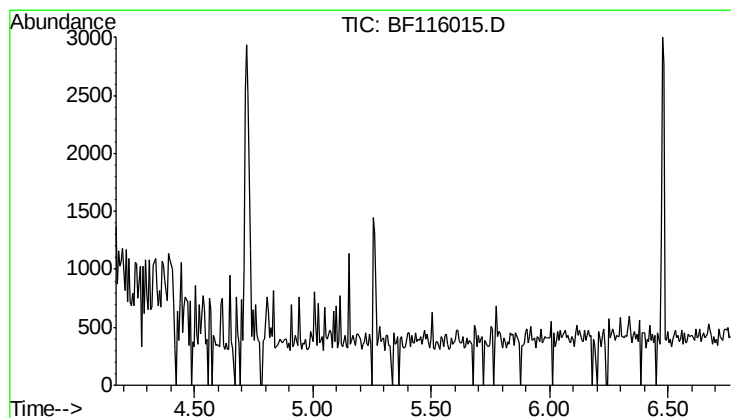
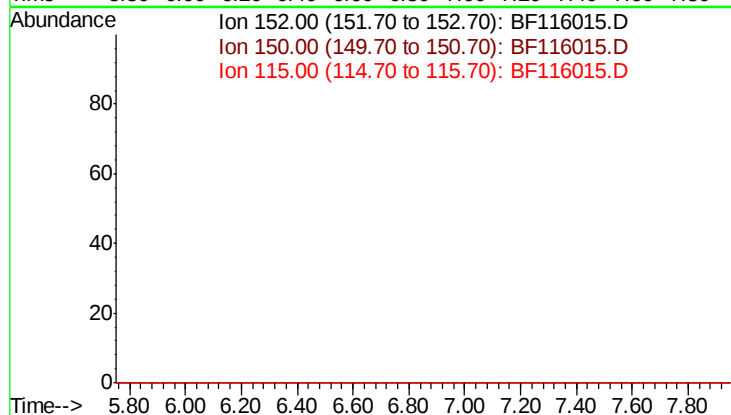
Tot Ion: 152

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: BF116015.D

Acq: 6 Aug 2019 16:10

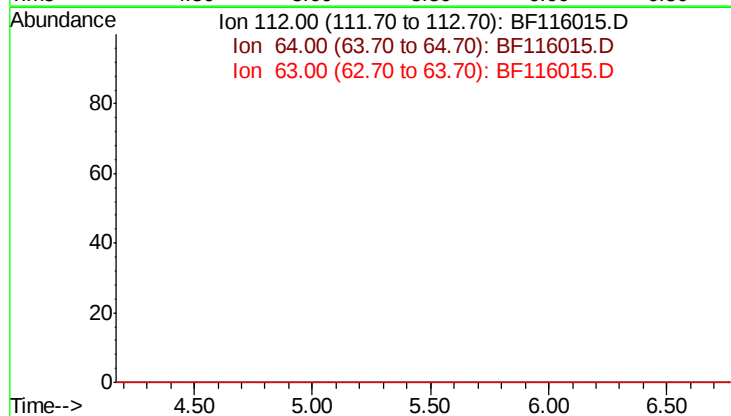
Tgt Ion: 112

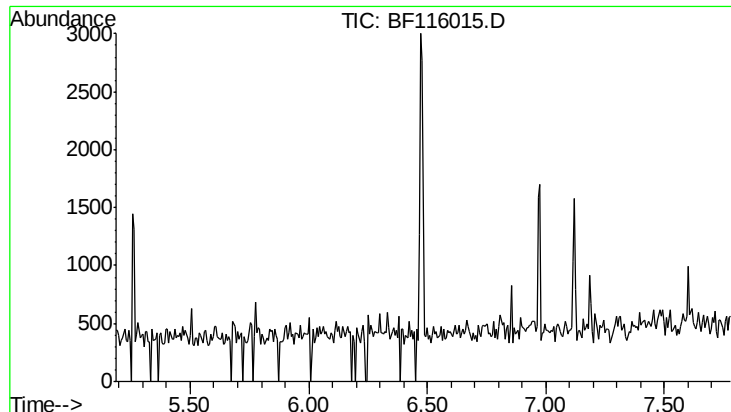
Sig Exp Ratio

112 100

64 58.5

63 30.2





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.49 min

Lab File: BF116015.D

Acq: 6 Aug 2019 16:10

Instrument :

BNA_F

ClientSampleId :

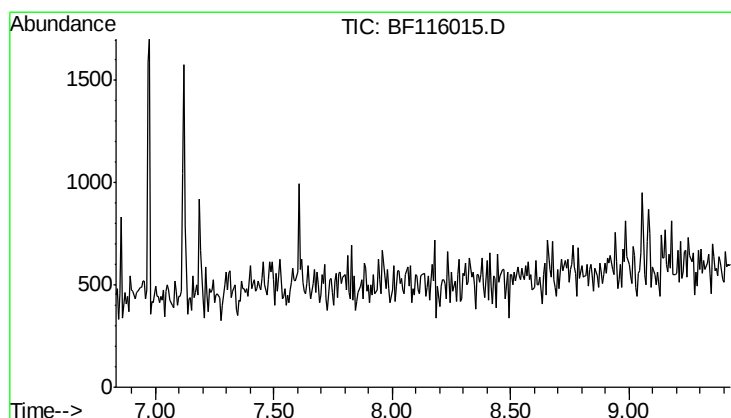
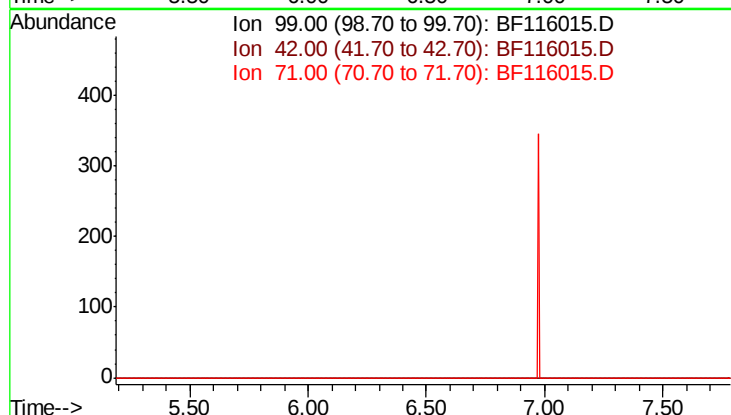
Tot Ion: 99

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: BF116015.D

Acq: 6 Aug 2019 16:10

Tgt Ion: 136

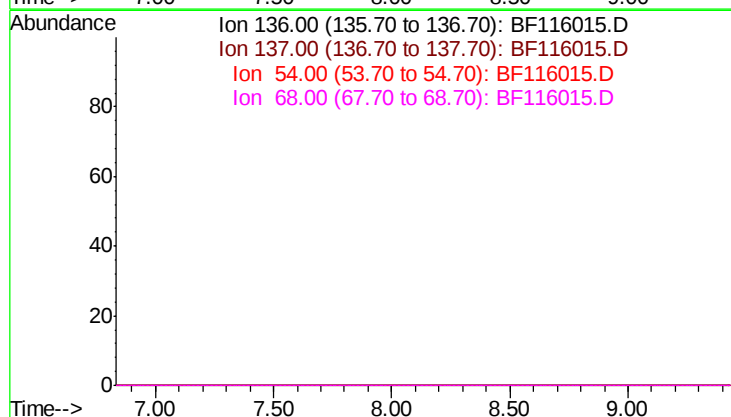
Sig Exp Ratio

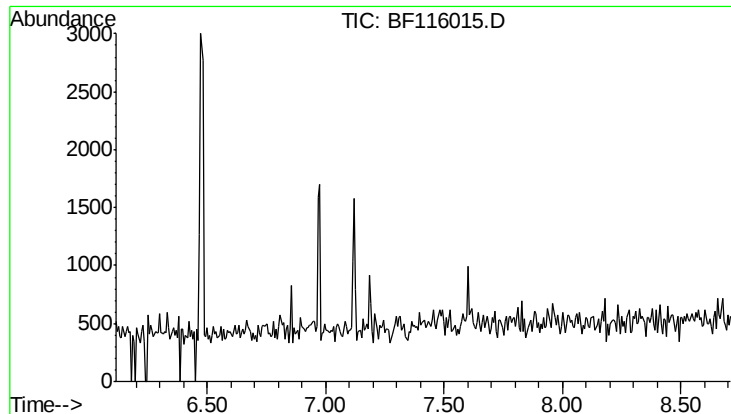
136 100

137 11.4

54 7.6

68 6.8

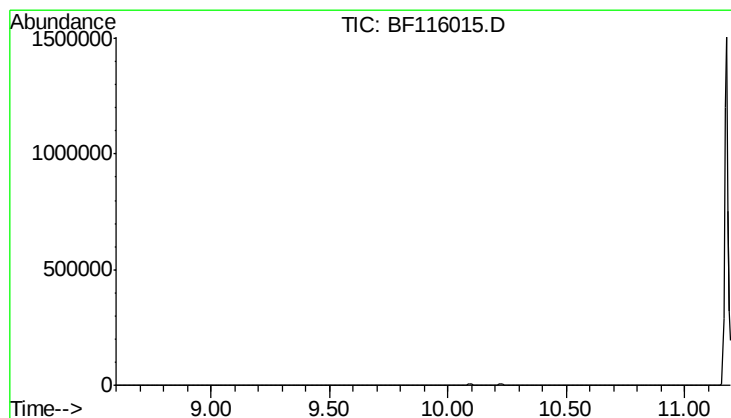
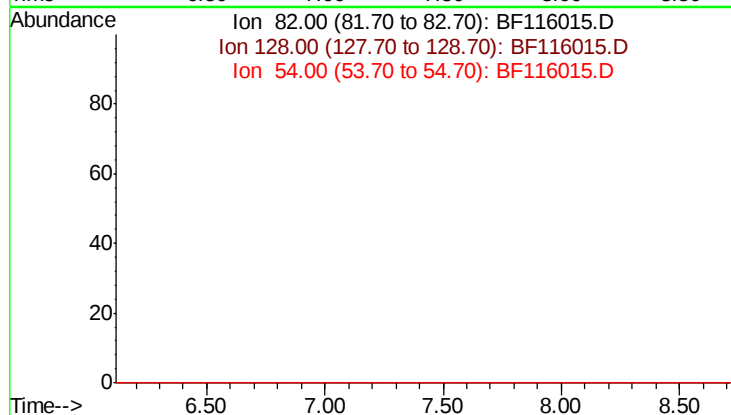




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF116015.D
 Acq: 6 Aug 2019 16:10

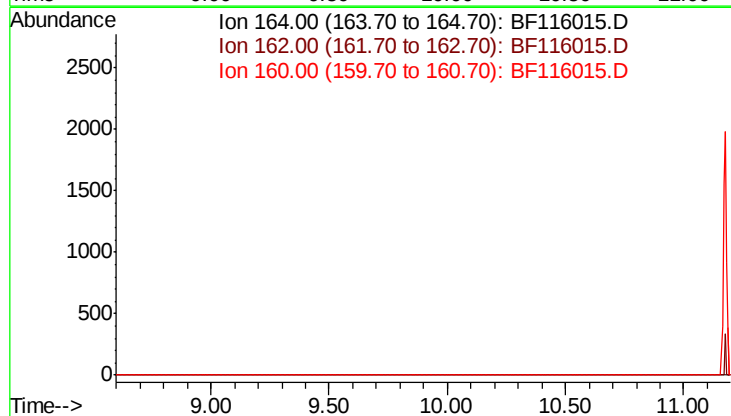
Instrument :
 BNA_F
 ClientSampleId :

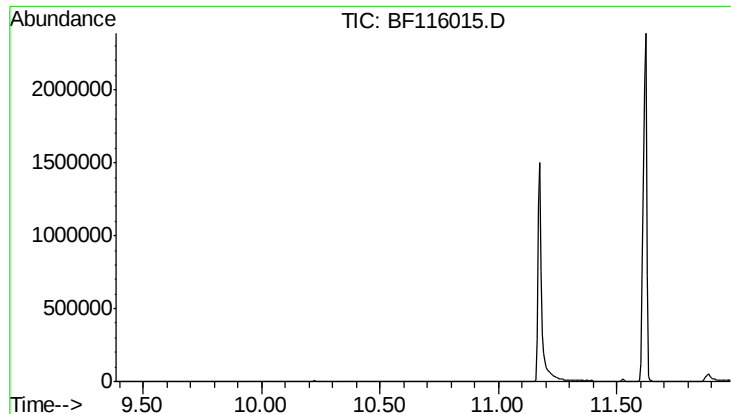
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.8
 54 45.8



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.90 min
 Lab File: BF116015.D
 Acq: 6 Aug 2019 16:10

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

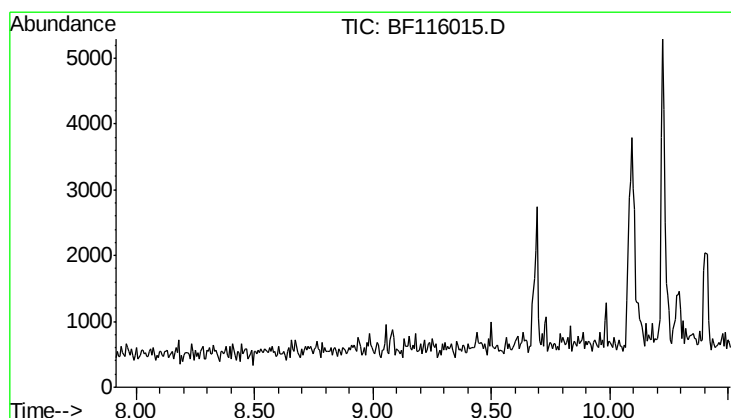
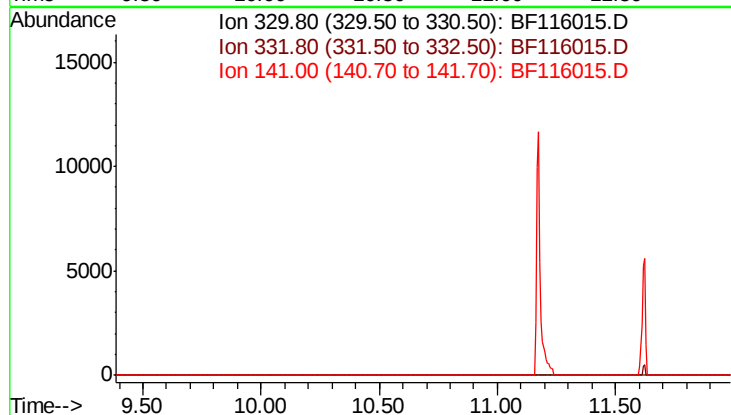




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.69 min
 Lab File: BF116015.D
 Acq: 6 Aug 2019 16:10

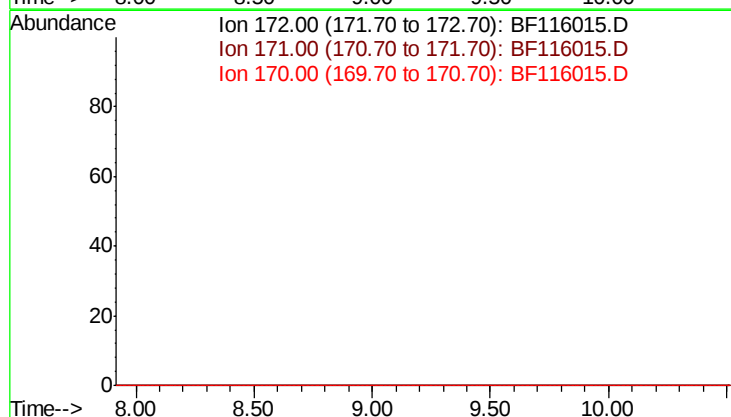
Instrument :
 BNA_F
 ClientSampleId :

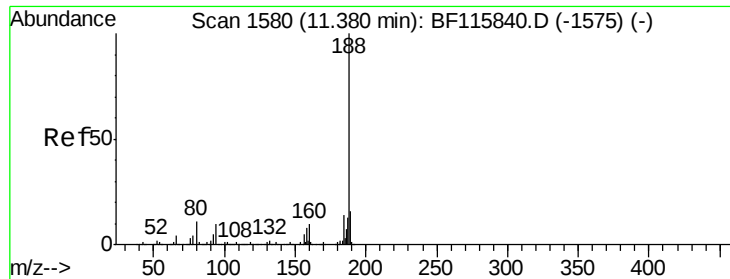
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 97.1
 141 35.1



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.22 min
 Lab File: BF116015.D
 Acq: 6 Aug 2019 16:10

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

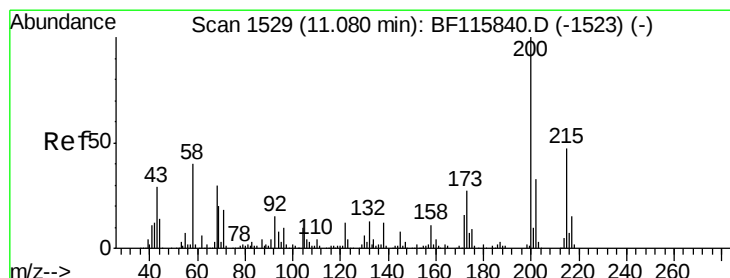
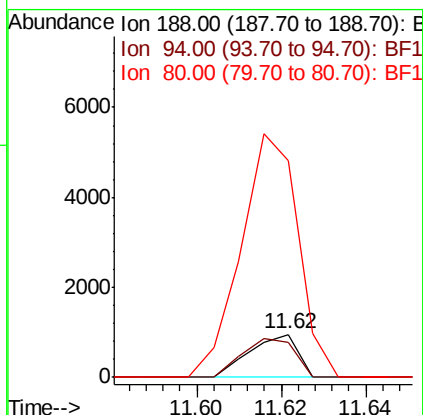
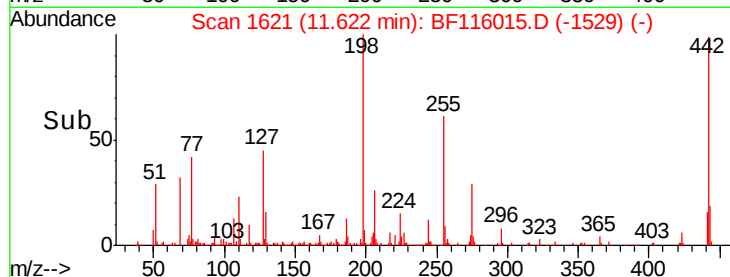
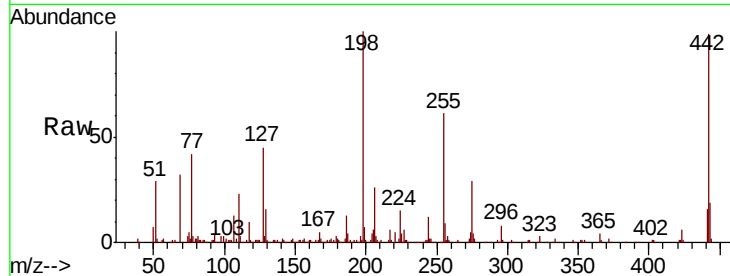




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.62 min Scan# 1621
Delta R.T. 0.24 min
Lab File: BF116015.D
Acq: 6 Aug 2019 16:10

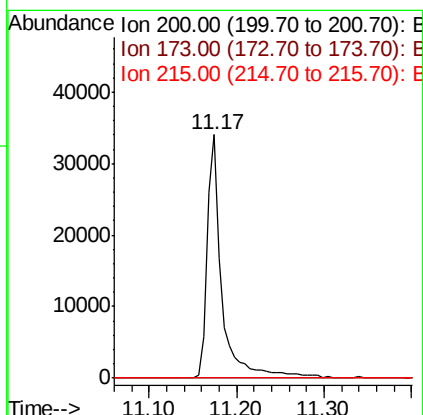
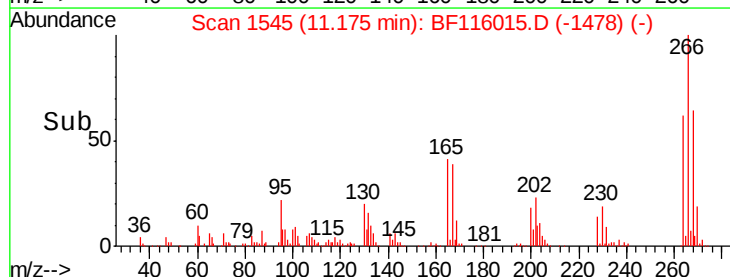
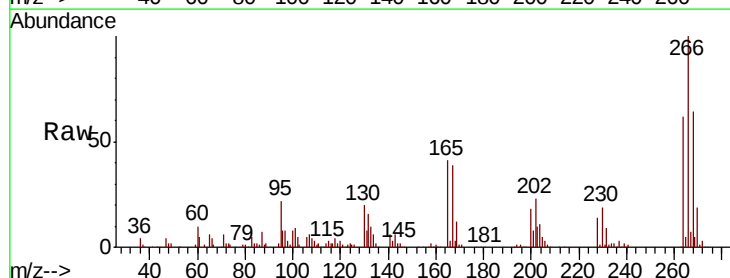
Instrument :
BNA_F
ClientSampleId :

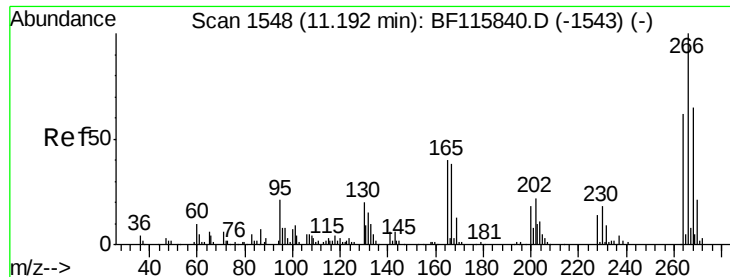
Tot Ion:188 Resp: 760
Ion Ratio Lower Upper
188 100
94 80.7 8.0 12.0#
80 501.6 8.6 12.8#



#69
Atrazine
Concen: 5250.009 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.09 min
Lab File: BF116015.D
Acq: 6 Aug 2019 16:10

Tgt Ion:200 Resp: 39509
Ion Ratio Lower Upper
200 100
173 0.0 7.3 47.3#
215 0.0 26.9 66.9#

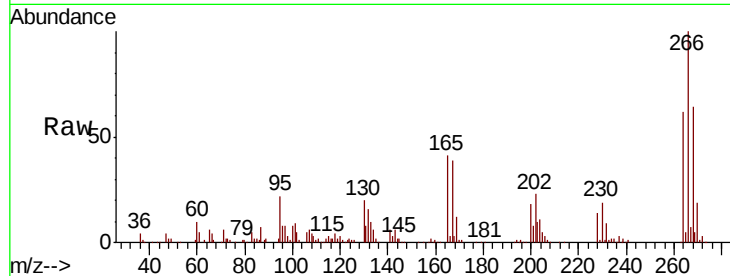




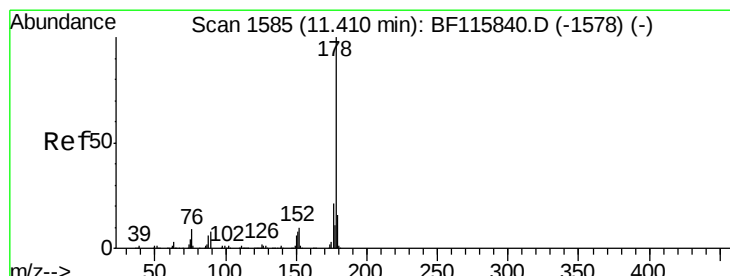
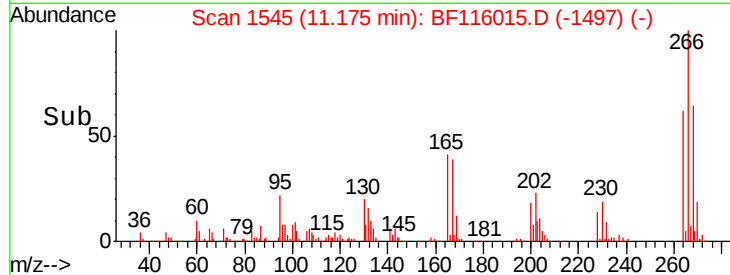
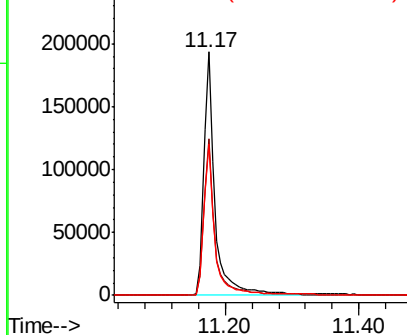
#70
 Pentachlorophenol
 Concen: 49110.725 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.02 min
 Lab File: BF116015.D
 Acq: 6 Aug 2019 16:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 224310
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.6 77.4
 264 62.2 49.4 74.0

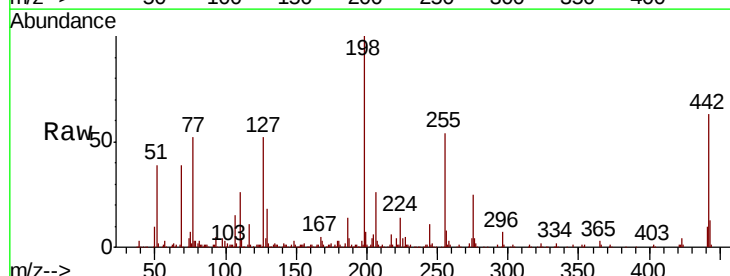


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

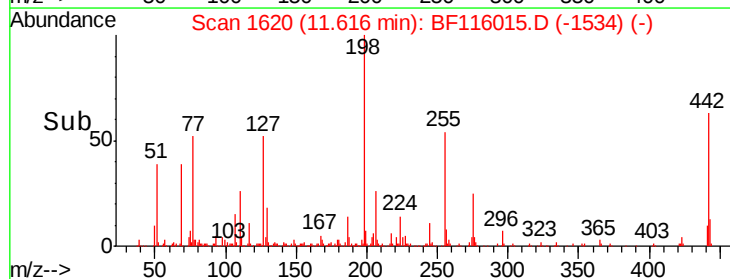
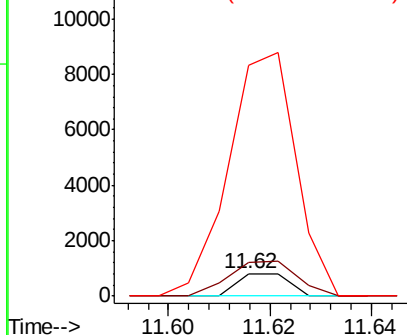


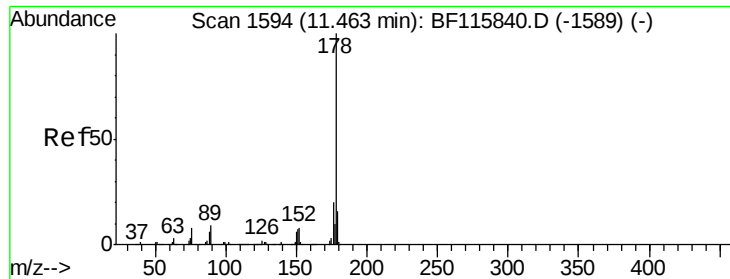
#71
 Phenanthrene
 Concen: 14.594 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.21 min
 Lab File: BF116015.D
 Acq: 6 Aug 2019 16:10

Tgt Ion:178 Resp: 567
 Ion Ratio Lower Upper
 178 100
 176 146.7 16.5 24.7#
 179 1021.7 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: 14.420 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.15 min

Lab File: BF116015.D

Acq: 6 Aug 2019 16:10

Instrument :

BNA_F

ClientSampled :

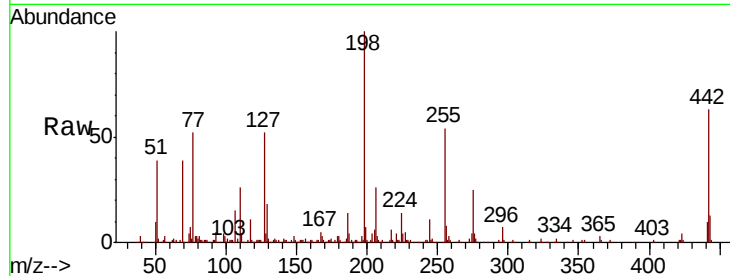
Tot Ion:178 Resp: 567

Ion Ratio Lower Upper

178 100

176 146.7 15.7 23.5#

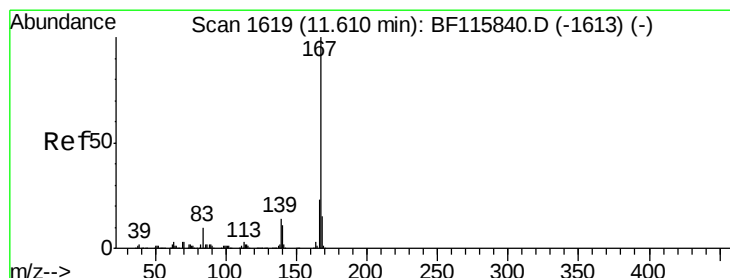
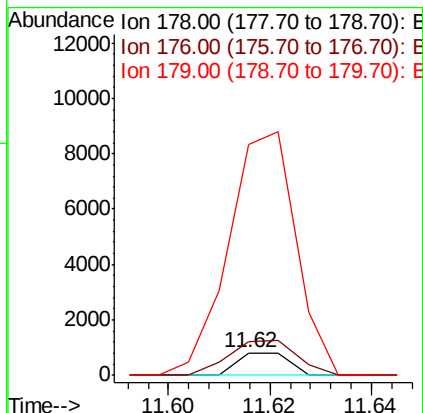
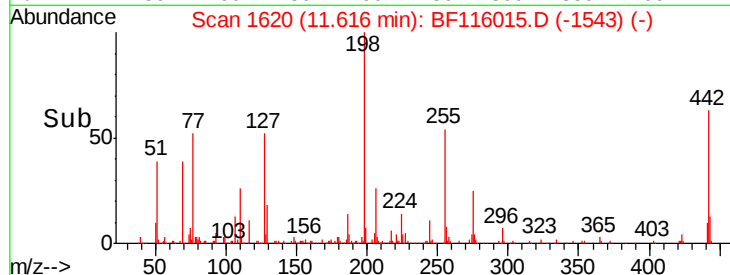
179 1021.7 12.4 18.6#



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: 358.416 ng

RT: 11.62 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF116015.D

Acq: 6 Aug 2019 16:10

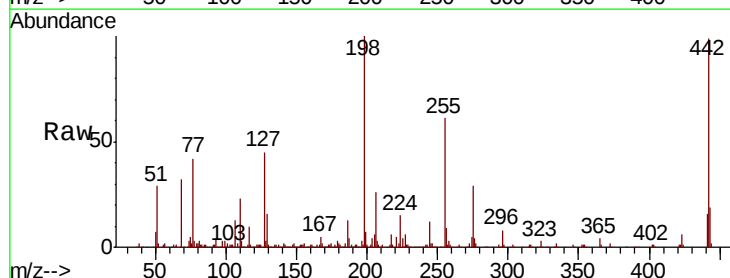
Tgt Ion:167 Resp: 12786

Ion Ratio Lower Upper

167 100

166 15.3 18.0 27.0#

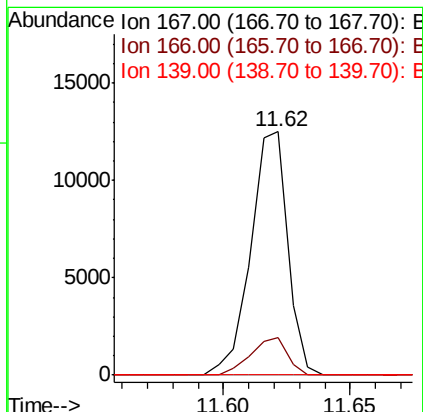
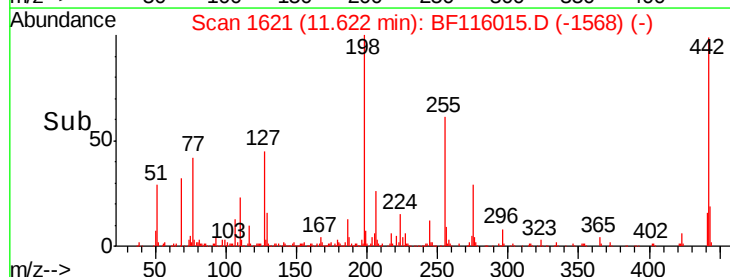
139 0.0 11.4 17.2#

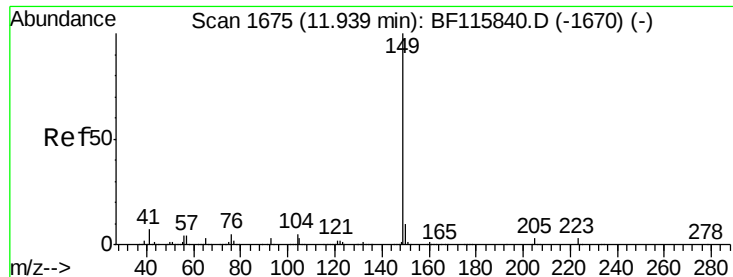


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 45.945 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BF116015.D

Acq: 6 Aug 2019 16:10

Instrument :

BNA_F

ClientSampleId :

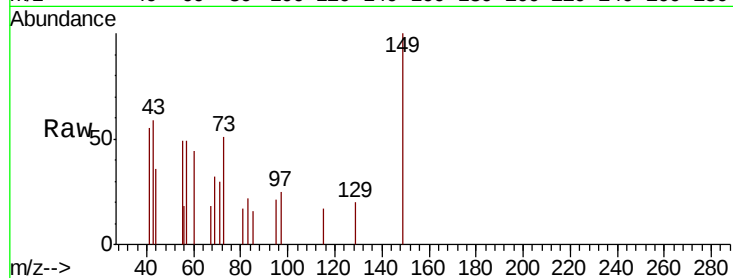
Tot Ion:149 Resp: 1912

Ion Ratio Lower Upper

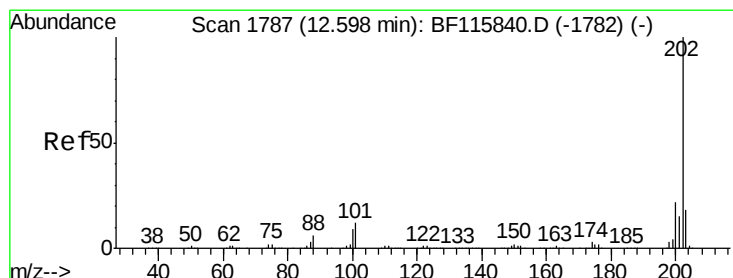
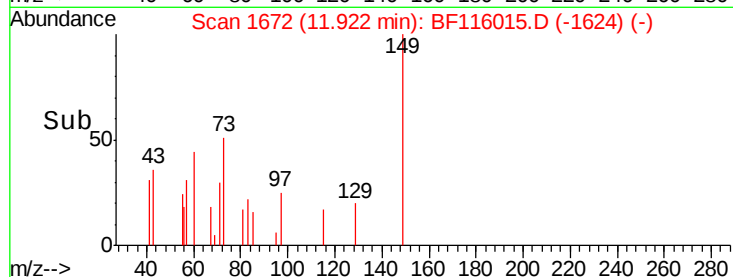
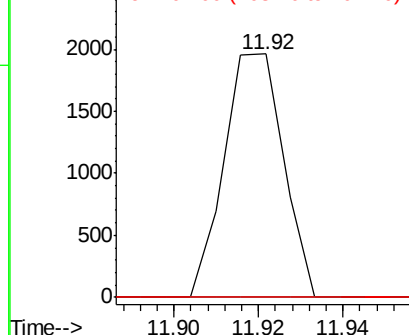
149 100

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



#75

Fluoranthene

Concen: 41.254 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.21 min

Lab File: BF116015.D

Acq: 6 Aug 2019 16:10

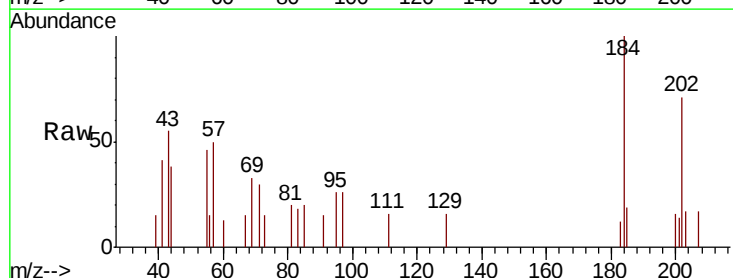
Tgt Ion:202 Resp: 1678

Ion Ratio Lower Upper

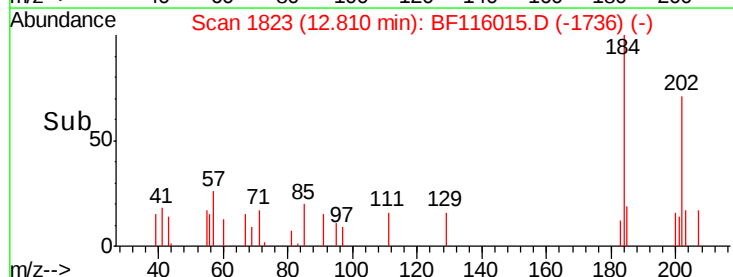
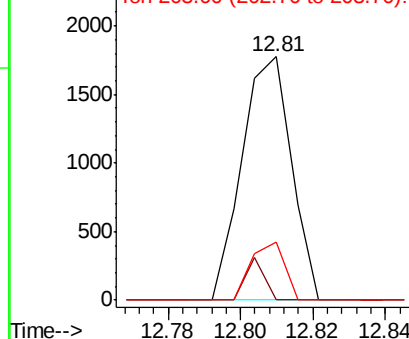
202 100

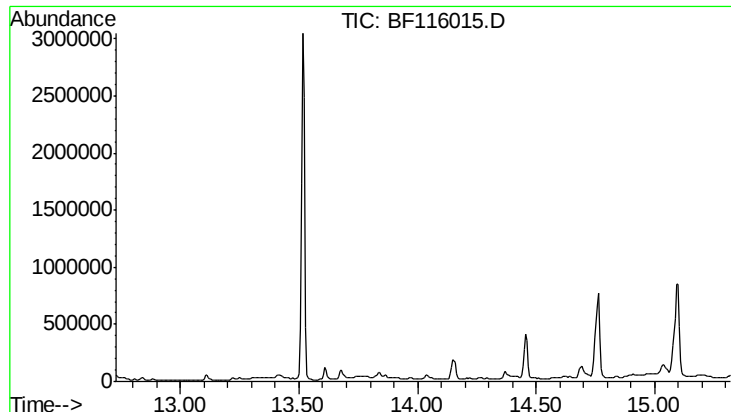
101 0.0 0.0 31.5

203 23.9 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

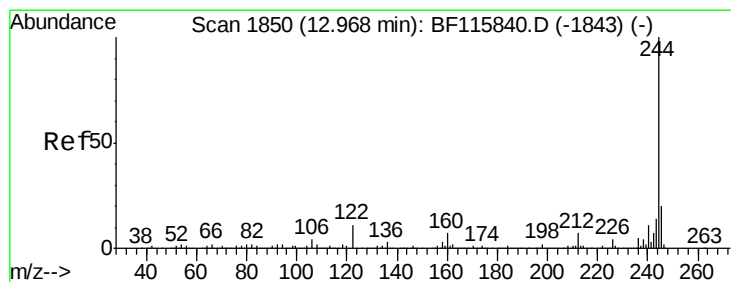
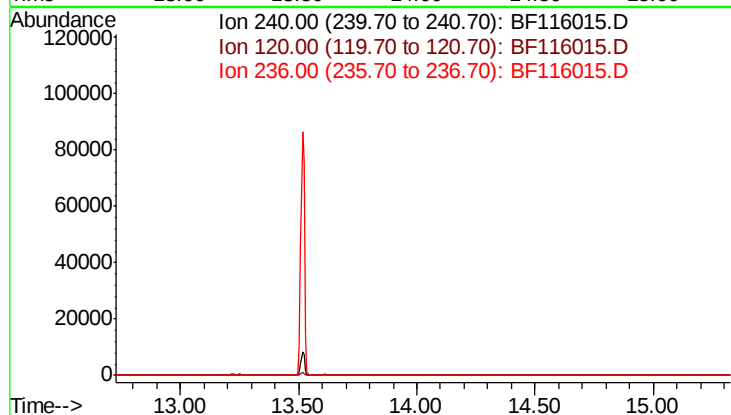




#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 14.03 min
 Lab File: BF116015.D
 Acq: 6 Aug 2019 16:10

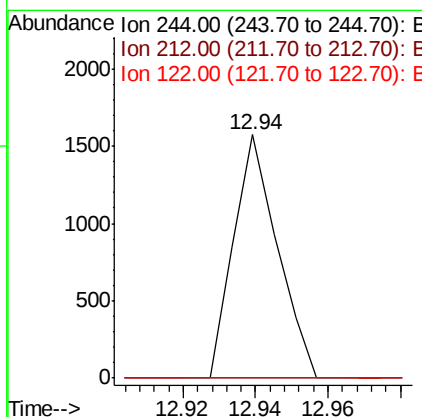
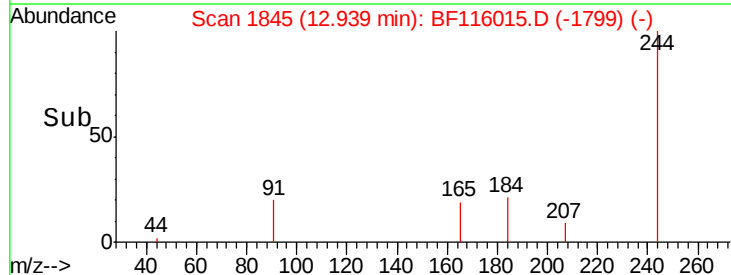
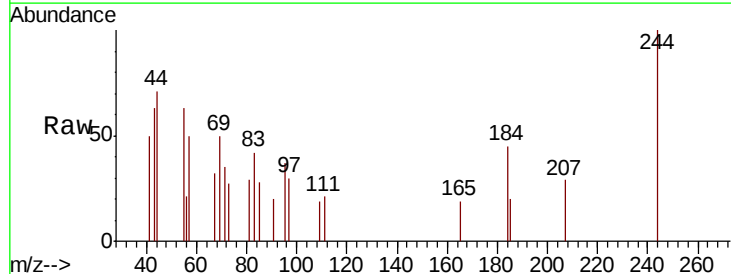
Instrument :
 BNA_F
 ClientSampleId :

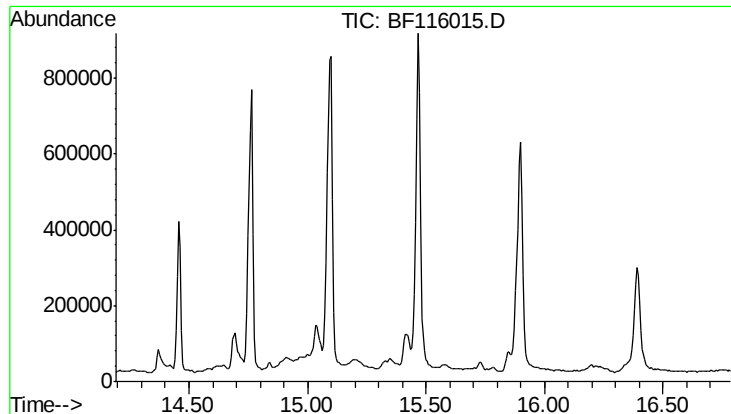
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 10.6
 236 27.7



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.03 min
 Lab File: BF116015.D
 Acq: 6 Aug 2019 16:10

Tgt Ion: 244 Resp: 1322
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.6 8.4#
 122 0.0 8.6 13.0#





#87
 Pervlene-d12
 Concen: 0.000 ng
 Expected RT: 15.49 min
 Lab File: BF116015.D
 Acq: 6 Aug 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :

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

