

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116162.D
 Acq On : 10 Aug 2019 22:09
 Operator : HP/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:58:48 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	579	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	670	0.00	ng	-0.01

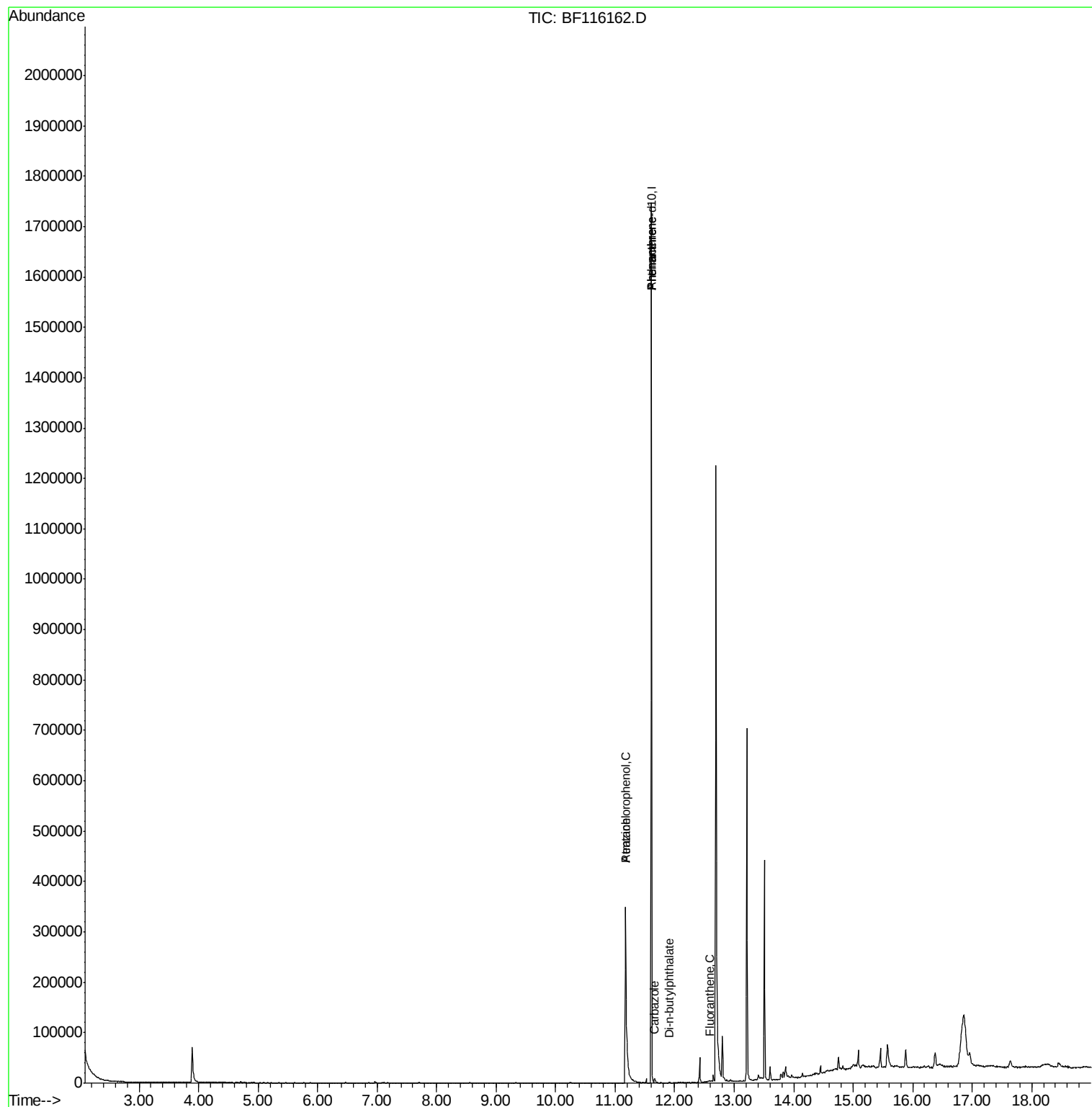
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	11.17	200	13160	2295.382	ng	# 36
70) Pentachlorophenol	11.17	266	76107	21871.942	ng	# 97
71) Phenanthrene	11.61	178	330	11.149	ng	# 1
72) Anthracene	11.61	178	330	11.016	ng	# 1
73) Carbazole	11.66	167	478	17.588	ng	# 1
74) Di-n-butylphthalate	11.92	149	1019	32.141	ng	# 77
75) Fluoranthene	12.59	202	634	20.460	ng	# 64

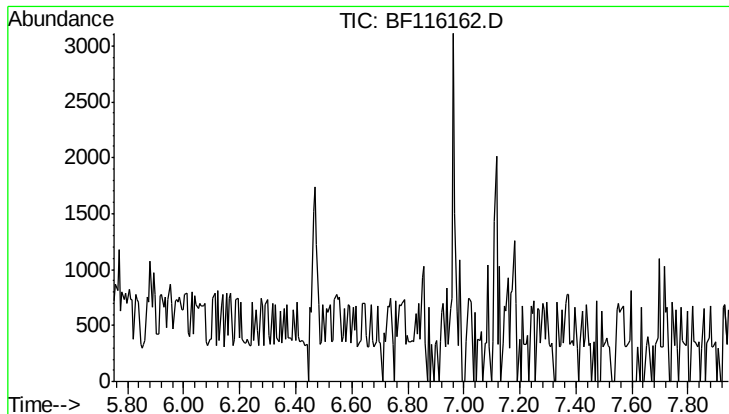
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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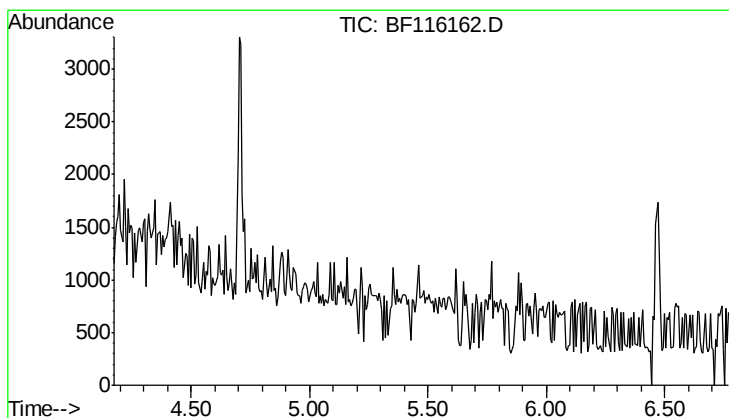
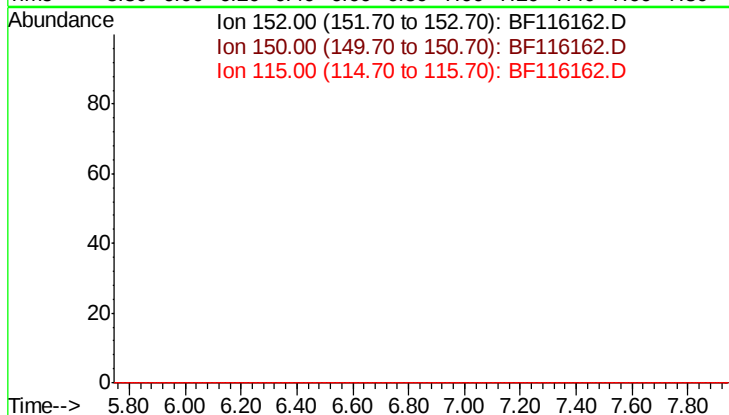




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.85 min
 Lab File: BF116162.D
 Acq: 10 Aug 2019 22:09

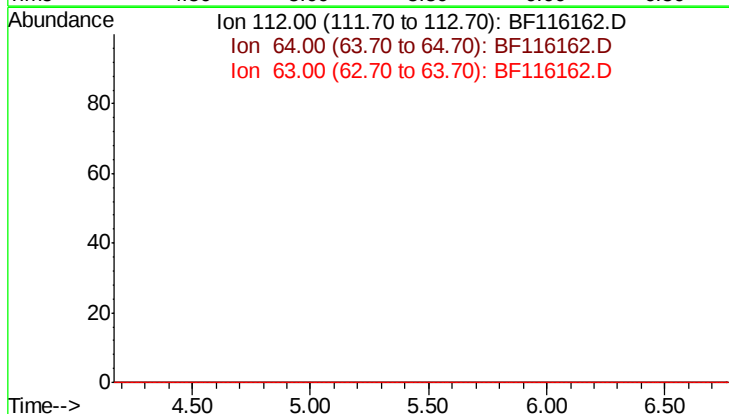
Instrument :
 BNA_F
 ClientSampleId :

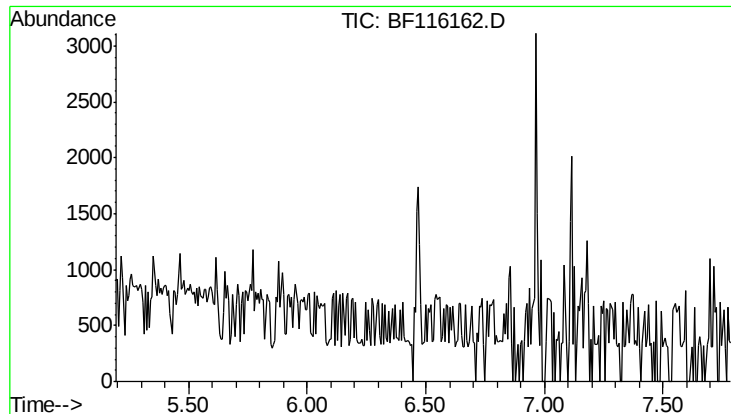
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 157.7
 115 62.4



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.47 min
 Lab File: BF116162.D
 Acq: 10 Aug 2019 22:09

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: BF116162.D

Acq: 10 Aug 2019 22:09

Instrument :

BNA_F

ClientSampleId :

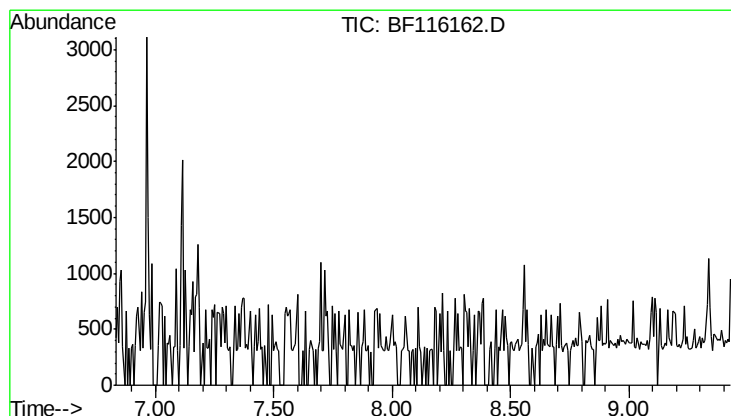
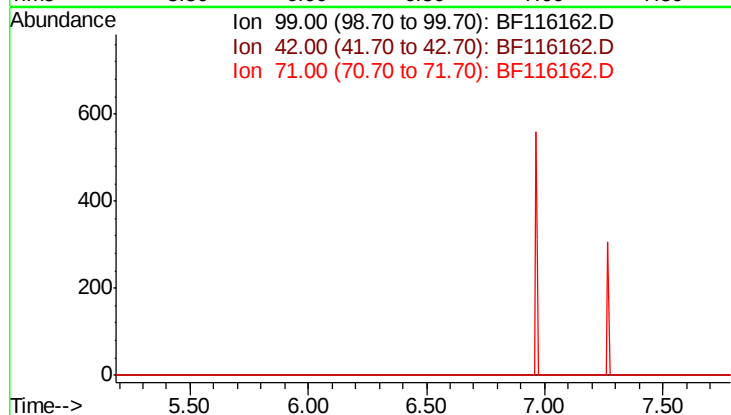
Tot Ion: 99

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: BF116162.D

Acq: 10 Aug 2019 22:09

Tgt Ion: 136

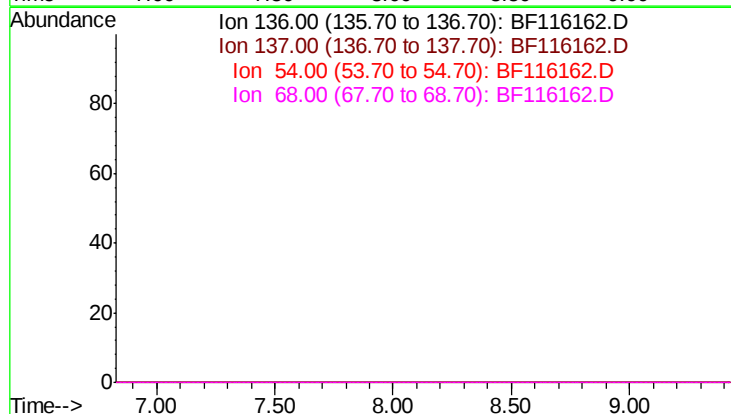
Sig Exp Ratio

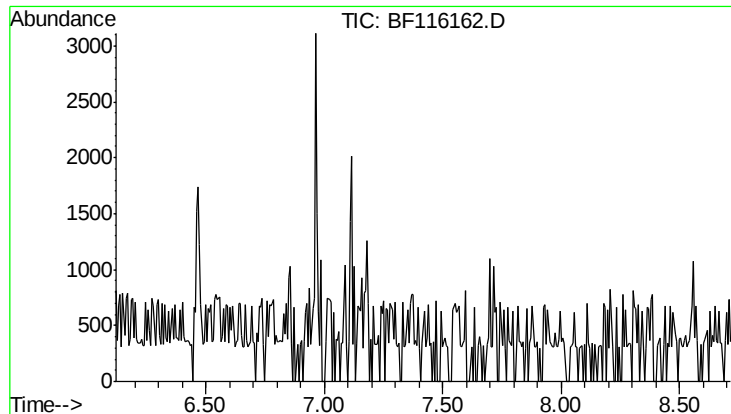
136 100

137 11.2

54 7.2

68 6.5

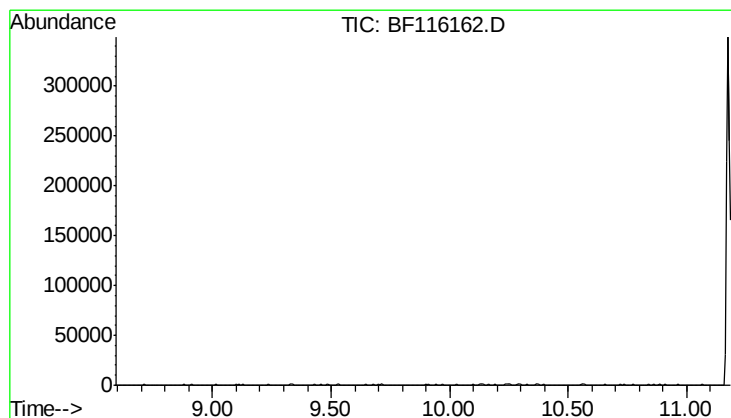
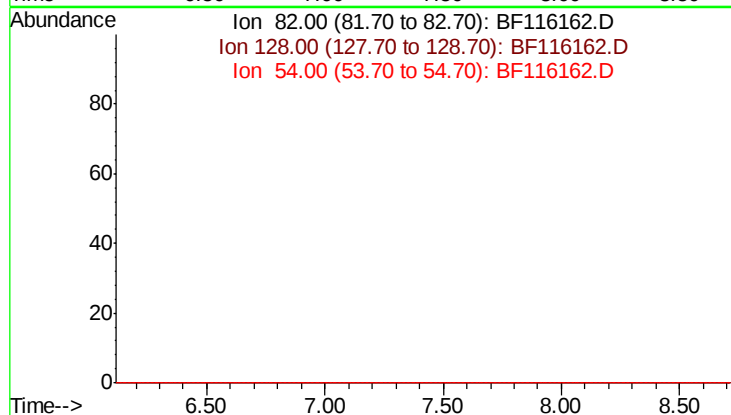




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF116162.D
 Acq: 10 Aug 2019 22:09

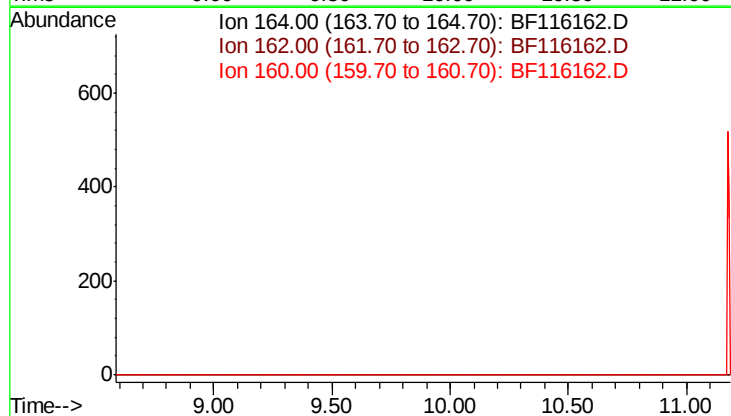
Instrument :
 BNA_F
 ClientSampleId :

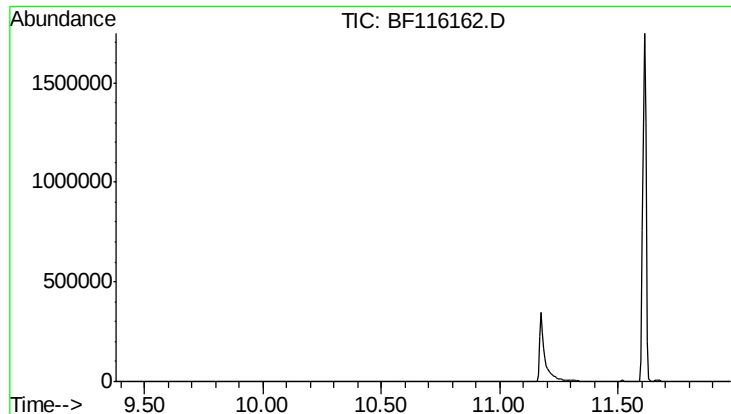
Tot Ion	82
Sig	Exp Ratio
82	100
128	45.6
54	45.0



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.89 min
 Lab File: BF116162.D
 Acq: 10 Aug 2019 22:09

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

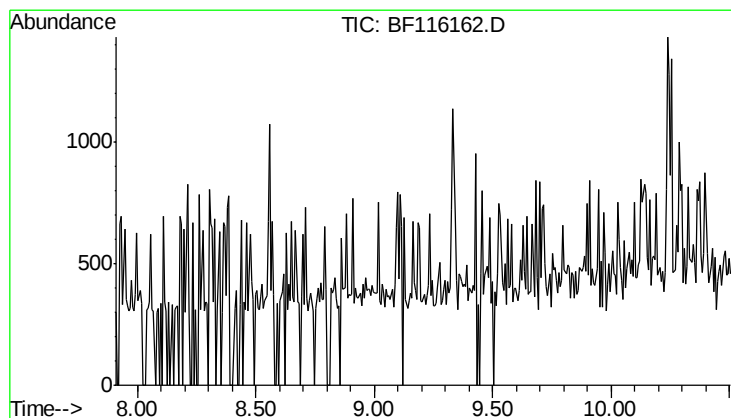
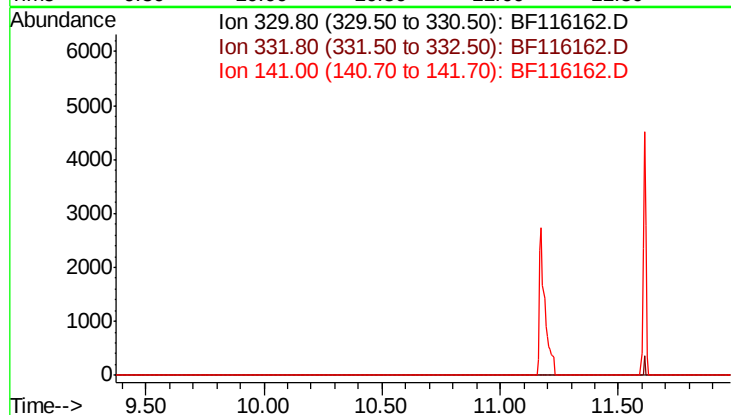




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.67 min
 Lab File: BF116162.D
 Acq: 10 Aug 2019 22:09

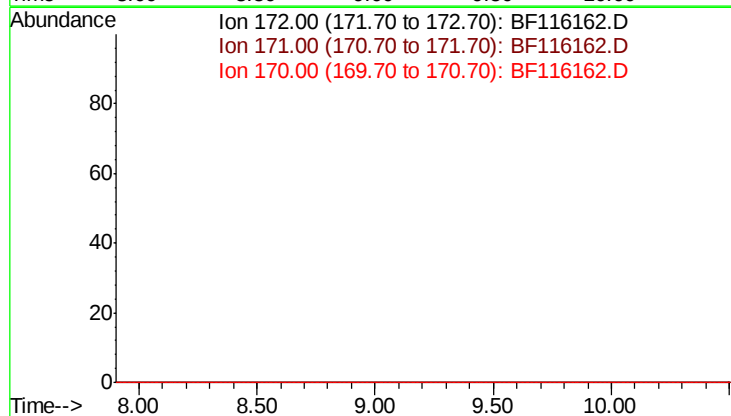
Instrument :
 BNA_F
 ClientSampleId :

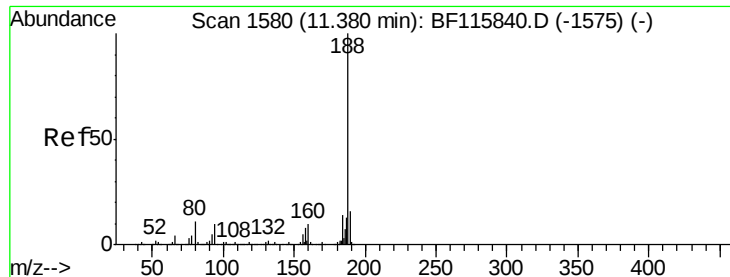
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 32.9



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.20 min
 Lab File: BF116162.D
 Acq: 10 Aug 2019 22:09

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: BF116162.D

Acq: 10 Aug 2019 22:09

Instrument :

BNA_F

ClientSampleId :

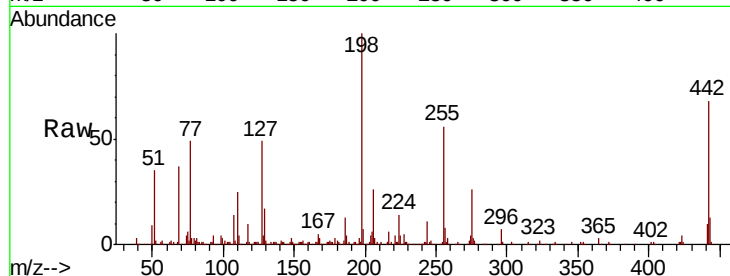
Tot Ion:188 Resp: 579

Ion Ratio Lower Upper

188 100

94 100.5 8.1 12.1#

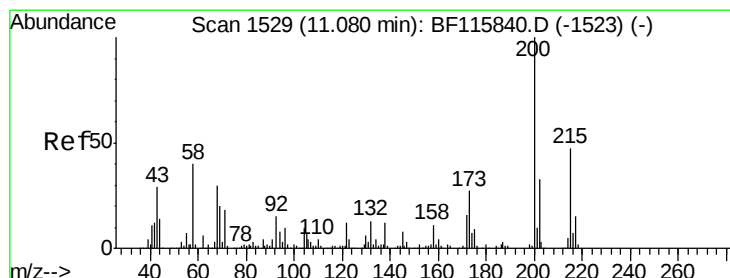
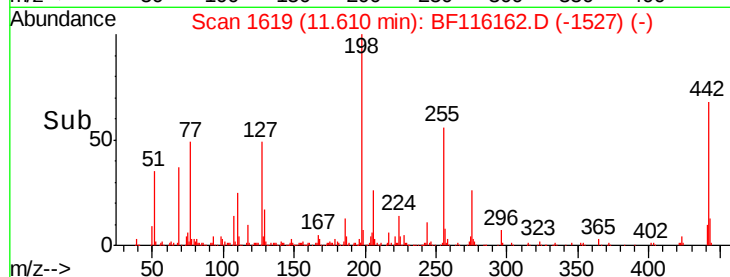
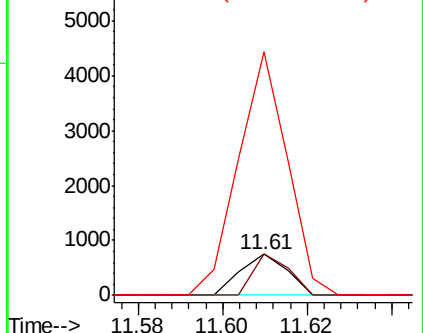
80 589.1 8.7 13.1#



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: 2295.382 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.11 min

Lab File: BF116162.D

Acq: 10 Aug 2019 22:09

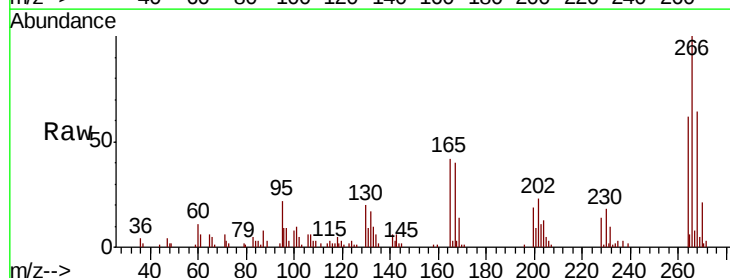
Tgt Ion:200 Resp: 13160

Ion Ratio Lower Upper

200 100

173 0.0 6.8 46.8#

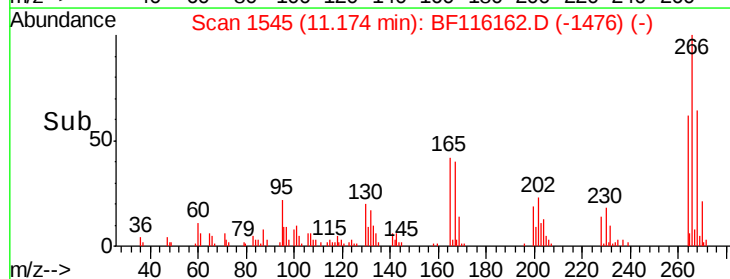
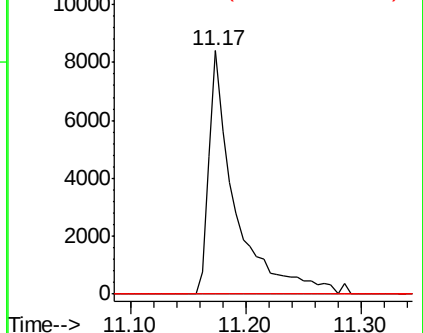
215 0.0 27.5 67.5#

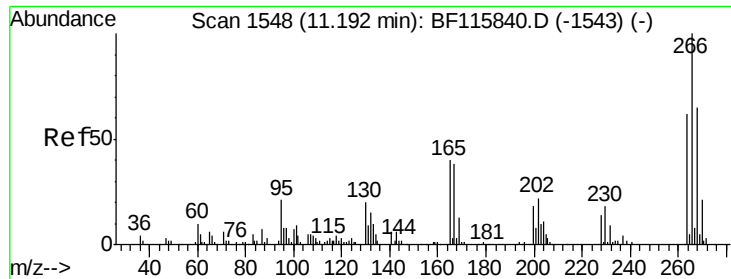


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

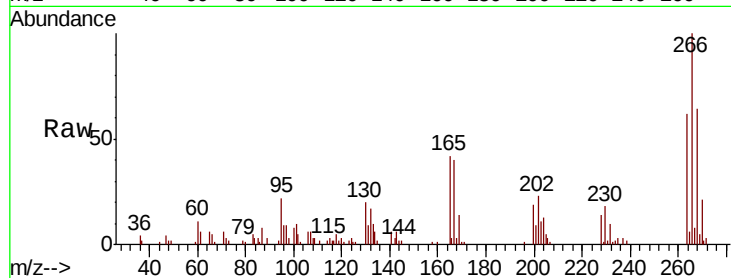




#70
 Pentachlorophenol
 Concen: 21871.942 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116162.D
 Acq: 10 Aug 2019 22:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	48.8	73.2
264	62.1	50.6	76.0

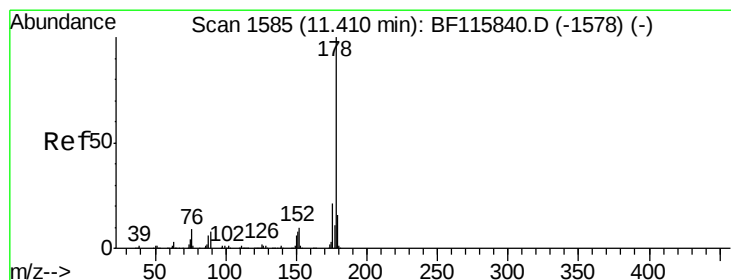
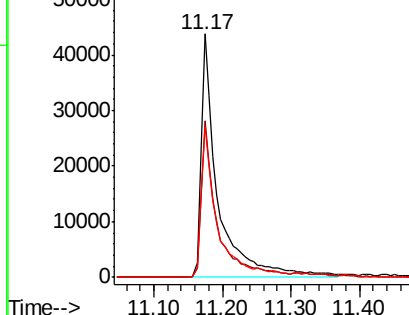
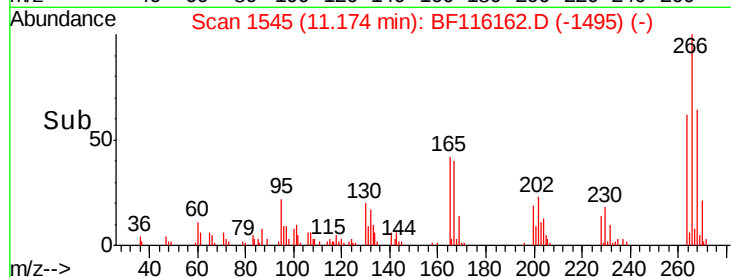


Abundance

Ion 265.70 (265.40 to 266.40): E

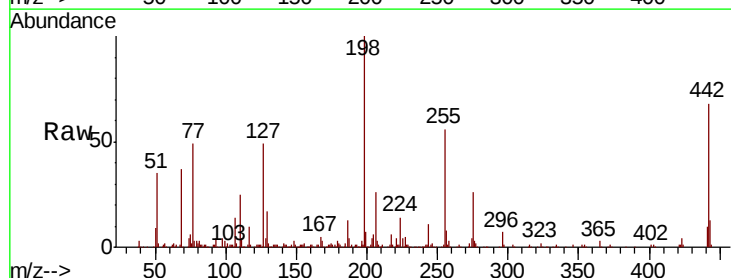
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 11.149 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.21 min
 Lab File: BF116162.D
 Acq: 10 Aug 2019 22:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	258.9	16.6	24.8#
179	1387.3	12.5	18.7#

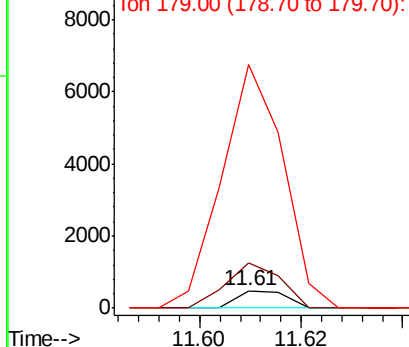
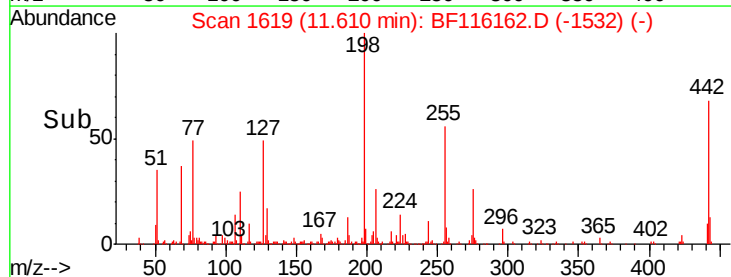


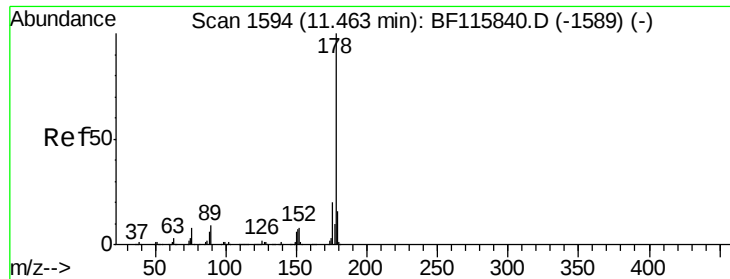
Abundance

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: 11.016 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.16 min

Lab File: BF116162.D

Acq: 10 Aug 2019 22:09

Instrument :

BNA_F

ClientSampled :

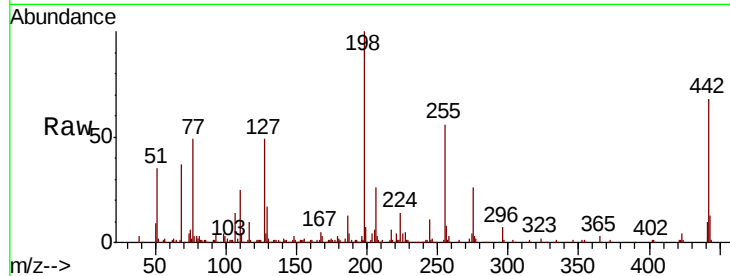
Tot Ion:178 Resp: 330

Ion Ratio Lower Upper

178 100

176 258.9 15.7 23.5#

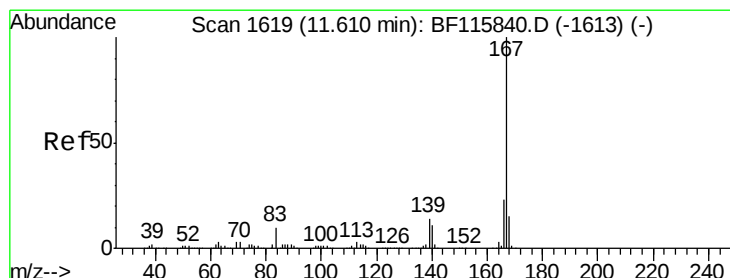
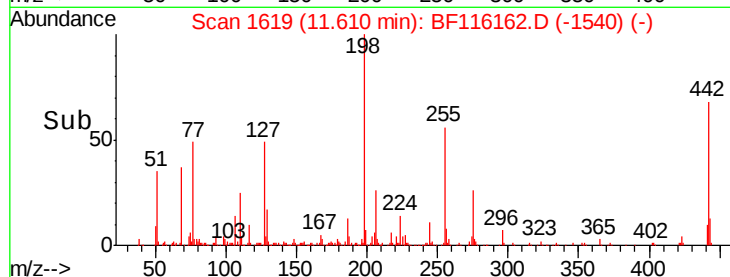
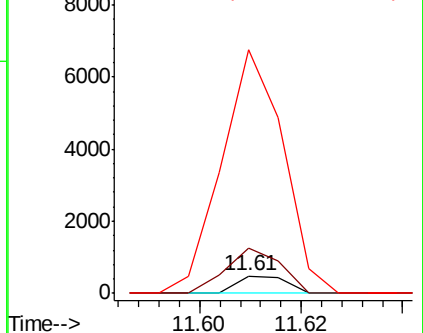
179 1387.3 13.0 19.6#



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: 17.588 ng

RT: 11.66 min Scan# 1628

Delta R.T. 0.06 min

Lab File: BF116162.D

Acq: 10 Aug 2019 22:09

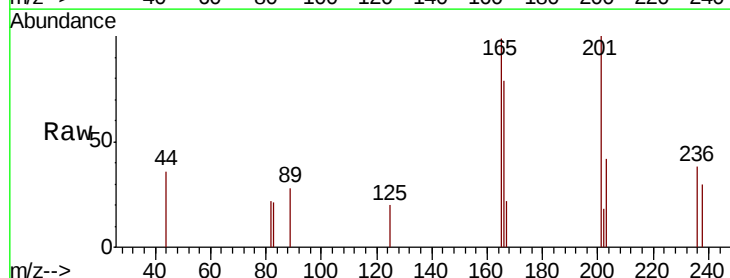
Tgt Ion:167 Resp: 478

Ion Ratio Lower Upper

167 100

166 353.0 17.8 26.6#

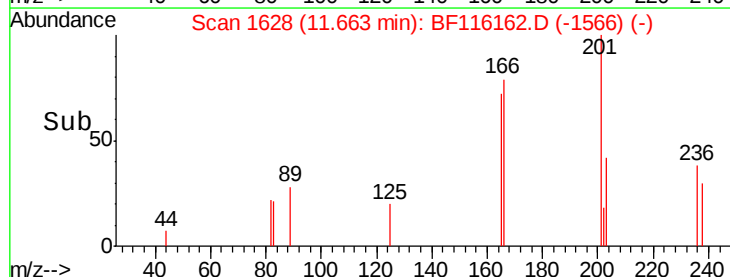
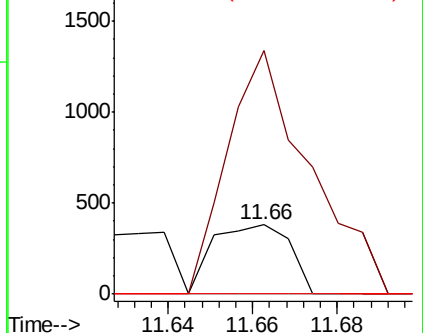
139 0.0 11.4 17.0#

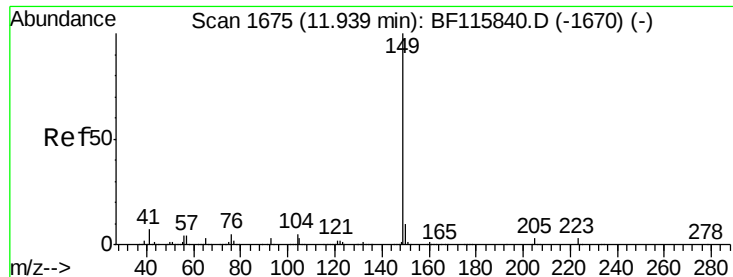


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 32.141 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BF116162.D

Acq: 10 Aug 2019 22:09

Instrument :

BNA_F

ClientSampleId :

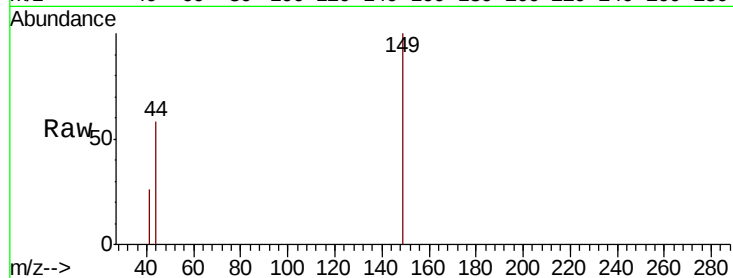
Tot Ion:149 Resp: 1019

Ion Ratio Lower Upper

149 100

150 0.0 8.0 12.0#

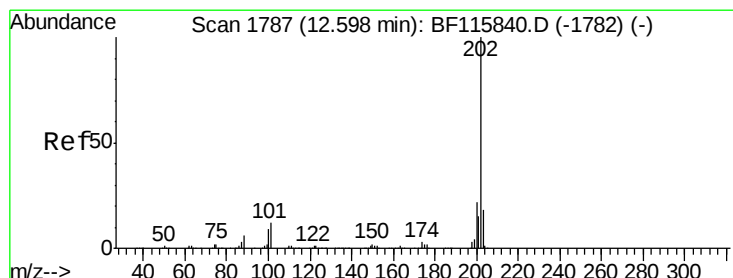
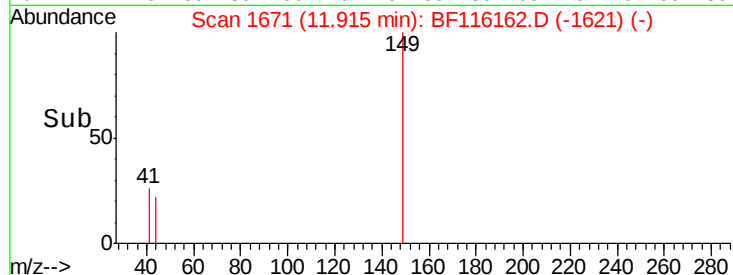
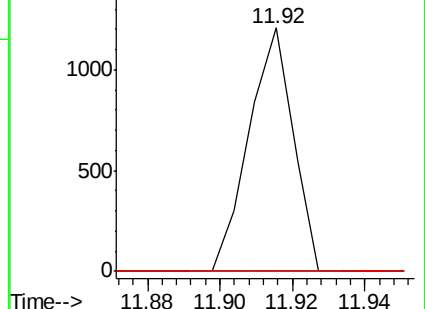
104 0.0 4.5 6.7#



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: 20.460 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF116162.D

Acq: 10 Aug 2019 22:09

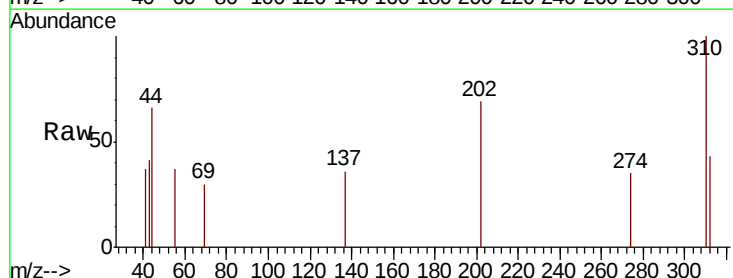
Tgt Ion:202 Resp: 634

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.2

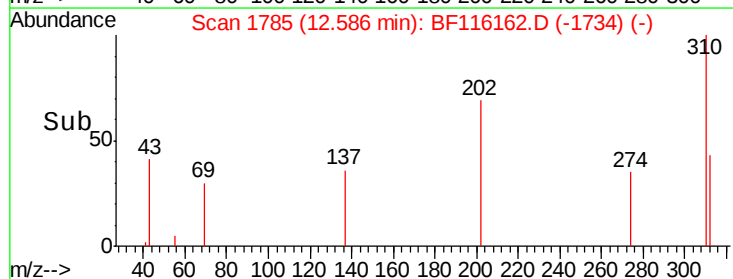
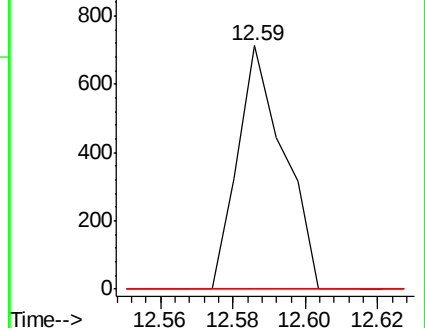
203 0.0 0.0 37.8

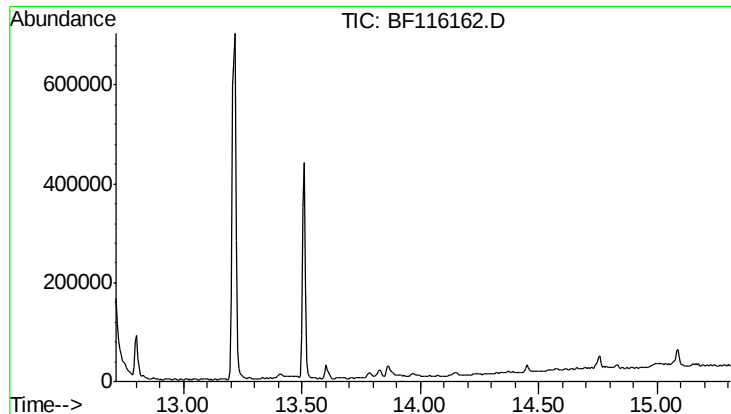


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

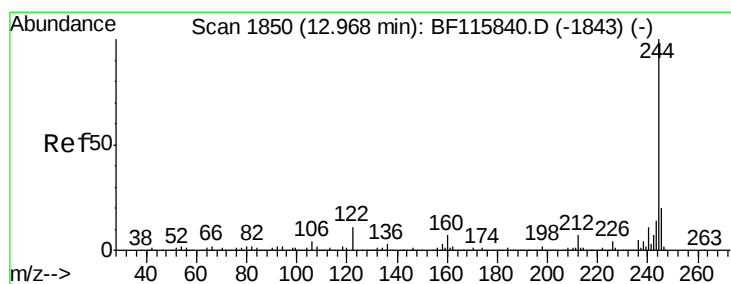
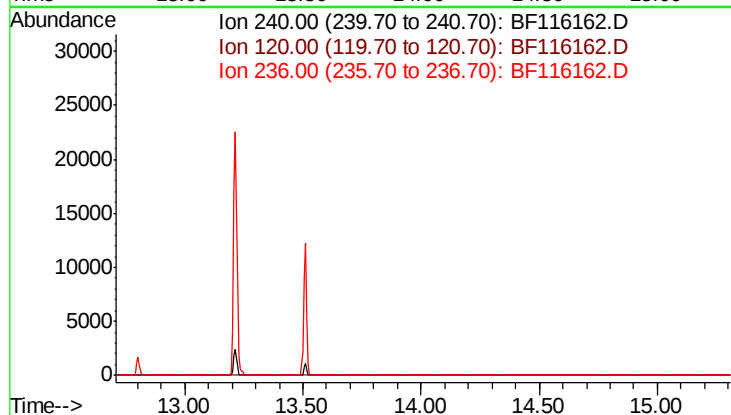




#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 14.01 min
 Lab File: BF116162.D
 Acq: 10 Aug 2019 22:09

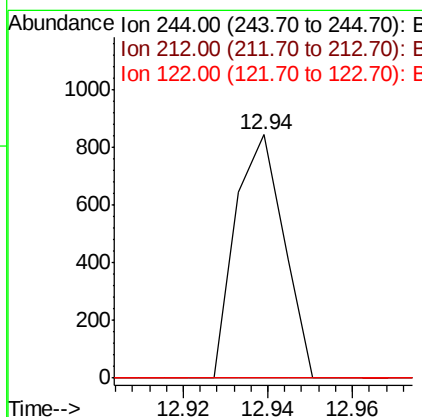
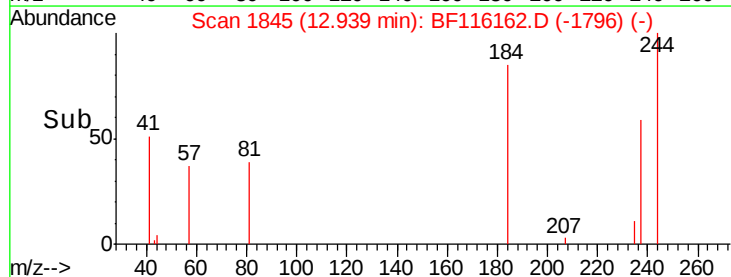
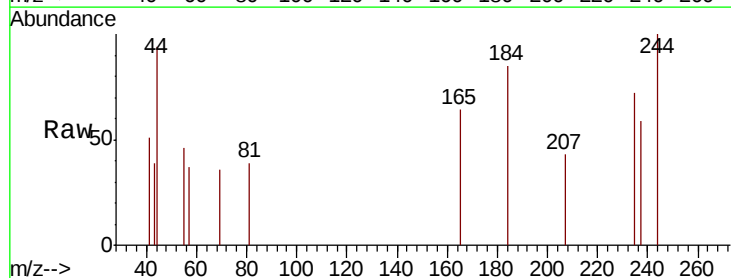
Instrument :
 BNA_F
 ClientSampleId :

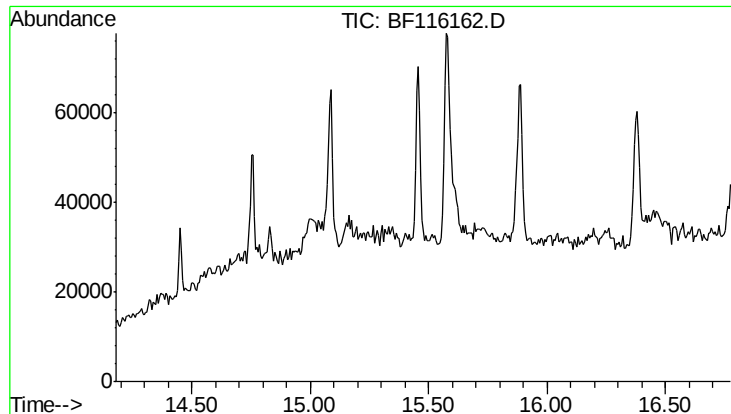
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 13.4
 236 27.7



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116162.D
 Acq: 10 Aug 2019 22:09

Tgt Ion: 244 Resp: 670
 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: BF116162.D
Acq: 10 Aug 2019 22:09

Instrument :
BNA_F
ClientSampleId :

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

