

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116282.D
 Acq On : 15 Aug 2019 16:39
 Operator : HP/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:09:01 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	11.59	188	570	20.00	ng	0.22
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	12.92	244	2263	0.00	ng	-0.03

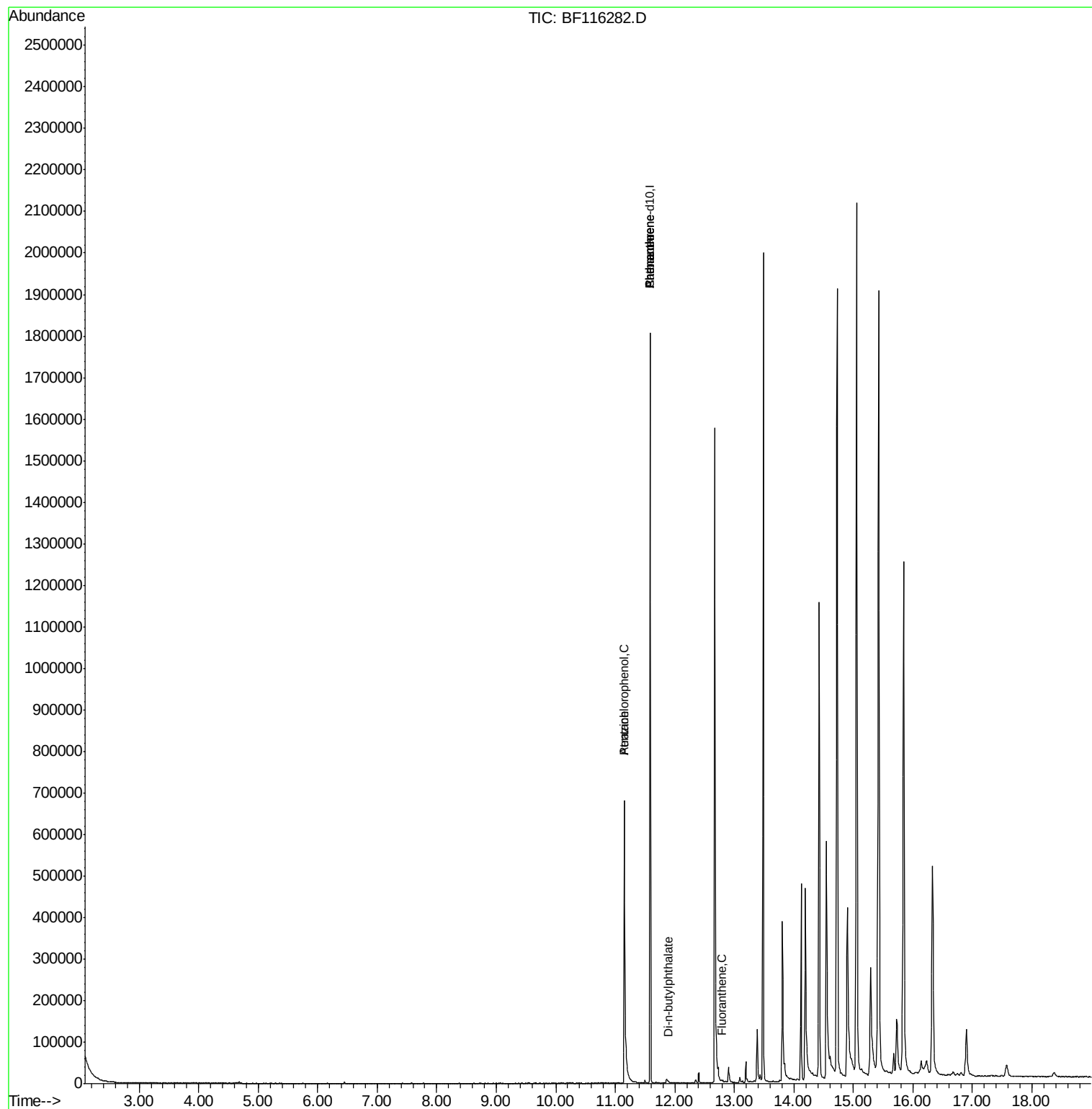
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	11.15	200	21290	3772.059	ng	# 36
70) Pentachlorophenol	11.15	266	126491	36925.473	ng	# 99
71) Phenanthrene	11.59	178	516	17.708	ng	# 1
72) Anthracene	11.59	178	516	17.497	ng	# 1
73) Carbazole	11.59	167	7757	289.924	ng	# 78
74) Di-n-butylphthalate	11.89	149	480	15.379	ng	# 77
75) Fluoranthene	12.79	202	249	8.162	ng	# 64

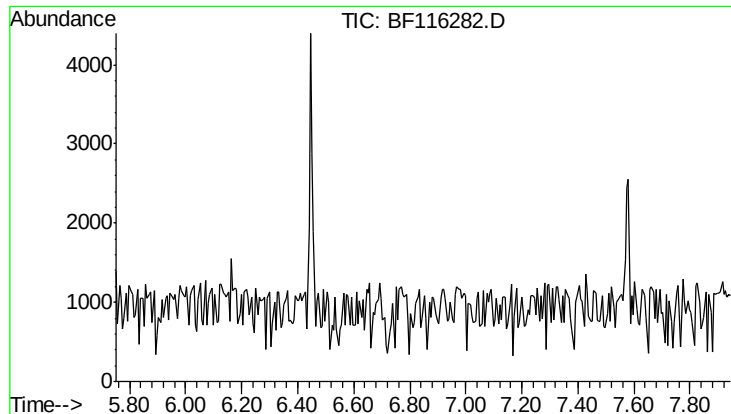
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 6.85 min

Lab File: BF116282.D

Acq: 15 Aug 2019 16:39

Instrument :

BNA_F

ClientSampleId :

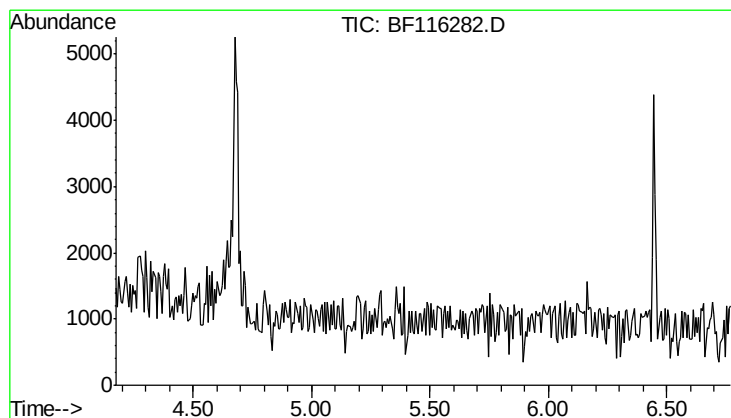
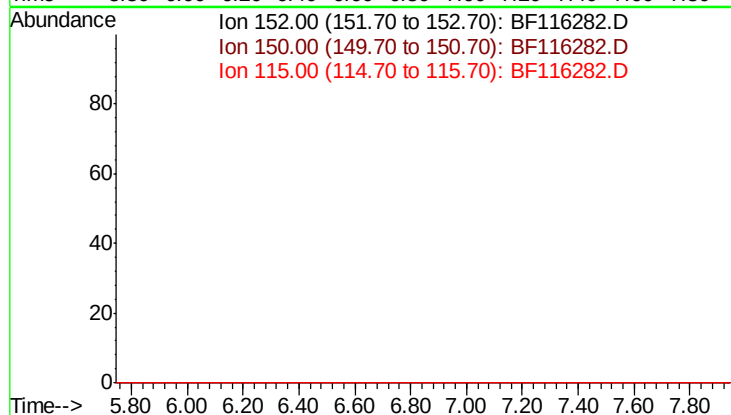
Tot Ion: 152

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: BF116282.D

Acq: 15 Aug 2019 16:39

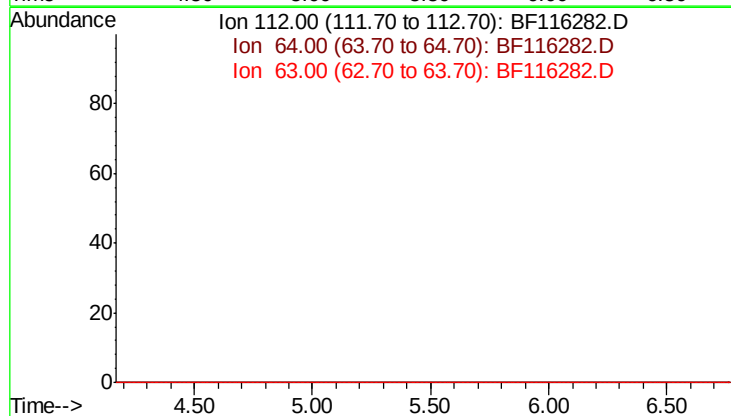
Tgt Ion: 112

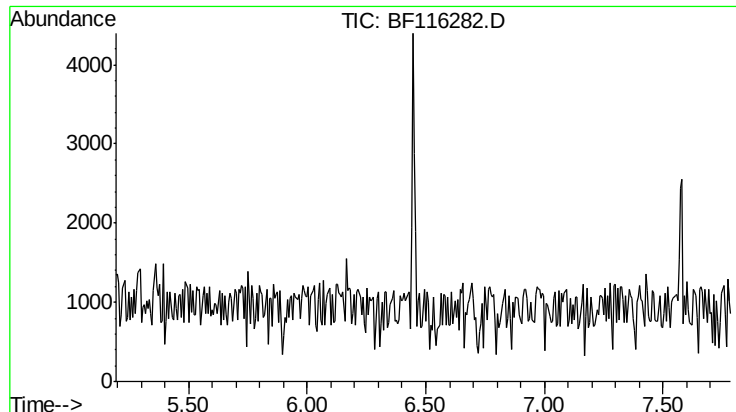
Sig Exp Ratio

112 100

64 56.8

63 29.6

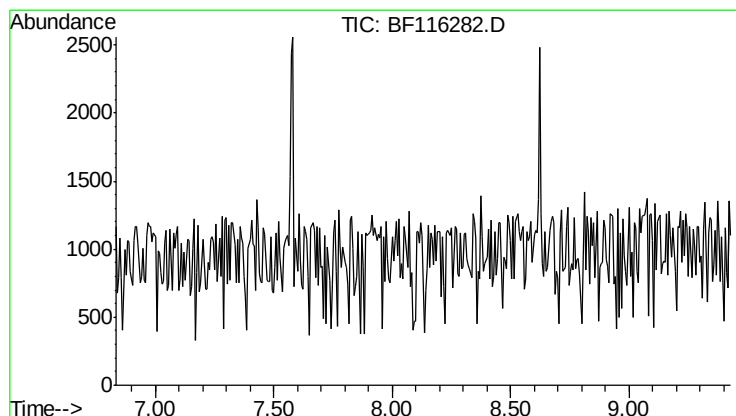
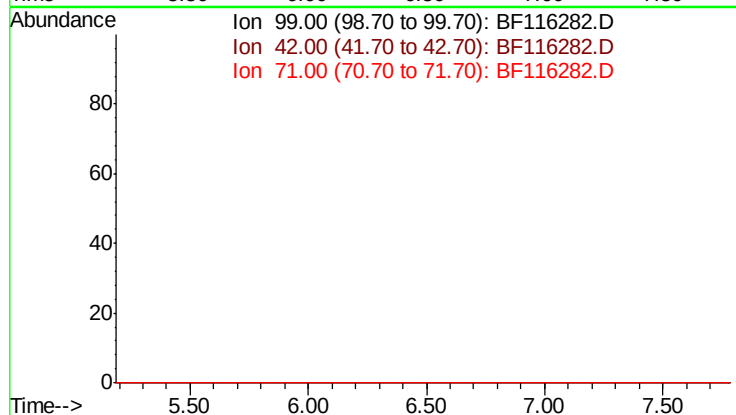




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF116282.D
 Acq: 15 Aug 2019 16:39

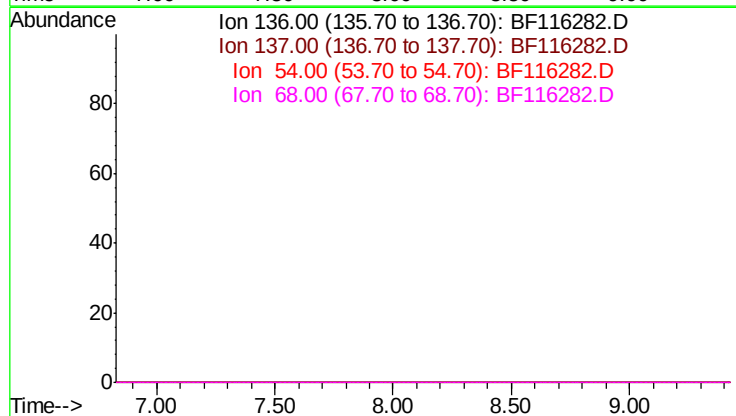
Instrument :
 BNA_F
 ClientSampleId :

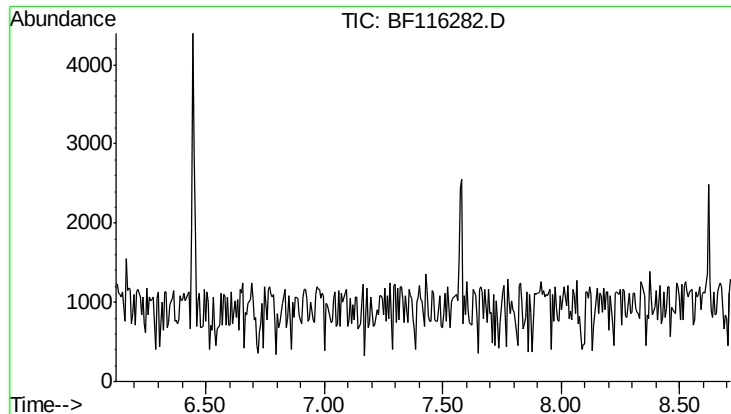
Tot Ion	99
Sig	Exp Ratio
99	100
42	17.3
71	34.1



#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 8.13 min
 Lab File: BF116282.D
 Acq: 15 Aug 2019 16:39

Tgt Ion	136
Sig	Exp Ratio
136	100
137	11.2
54	7.2
68	6.5

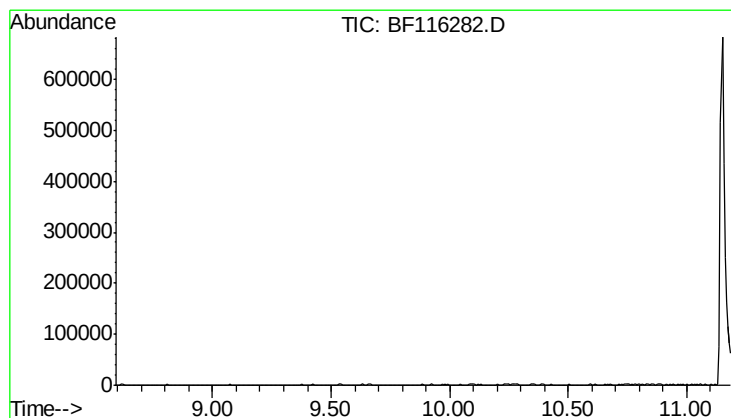
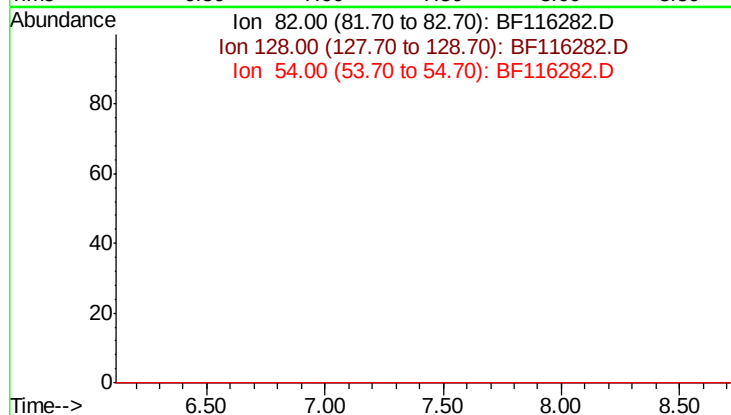




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF116282.D
 Acq: 15 Aug 2019 16:39

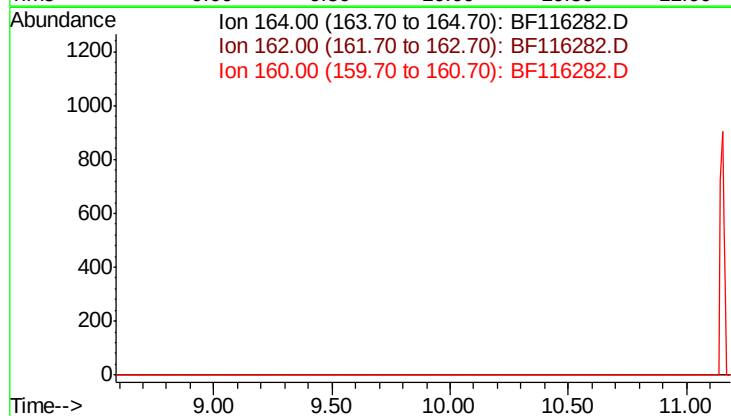
Instrument :
 BNA_F
 ClientSampleId :

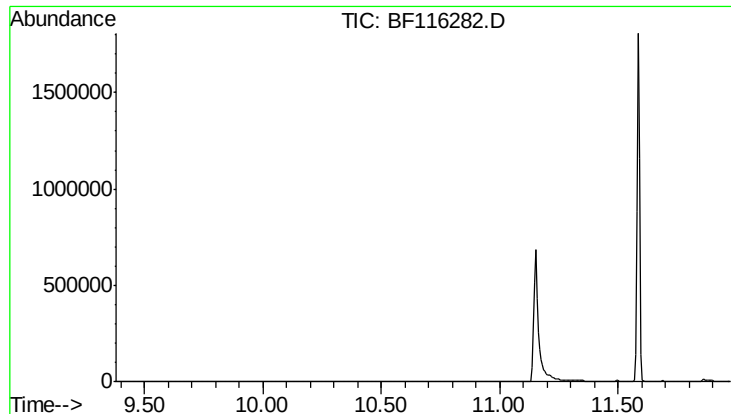
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.6
 54 45.0



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.89 min
 Lab File: BF116282.D
 Acq: 15 Aug 2019 16:39

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: BF116282.D

Acq: 15 Aug 2019 16:39

Instrument :

BNA_F

ClientSampleId :

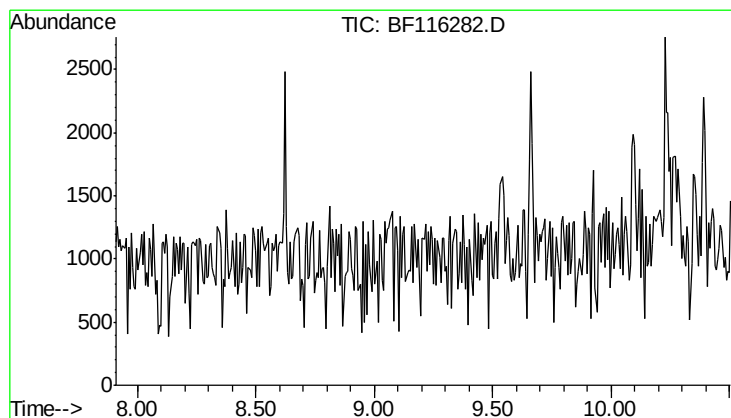
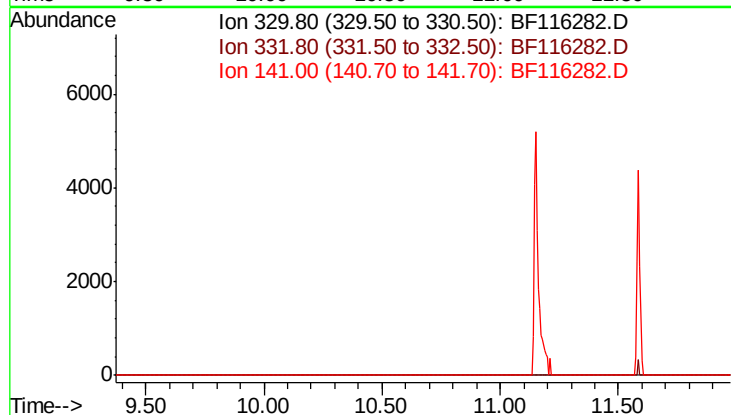
Tot Ion: 330

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: BF116282.D

Acq: 15 Aug 2019 16:39

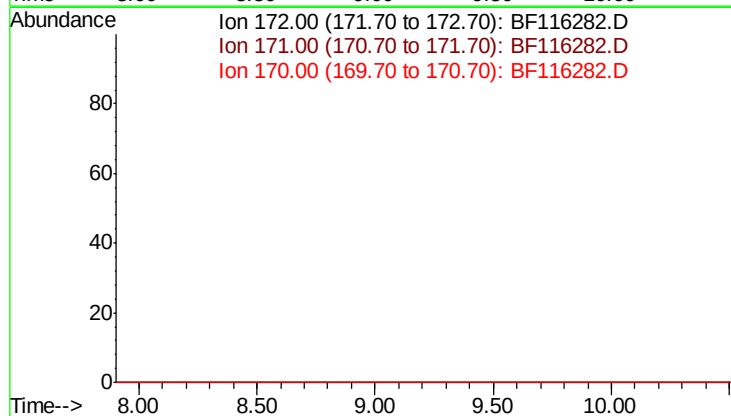
Tgt Ion: 172

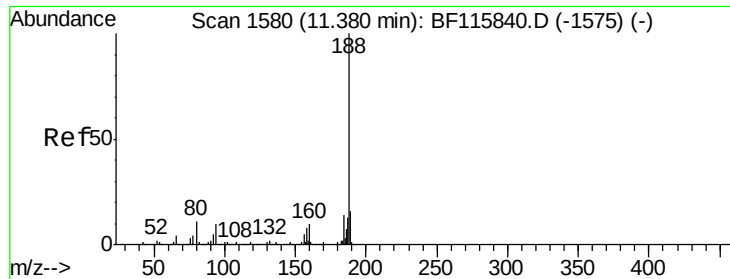
Sig Exp Ratio

172 100

171 37.0

170 25.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.22 min

Lab File: BF116282.D

Acq: 15 Aug 2019 16:39

Instrument :

BNA_F

ClientSampleId :

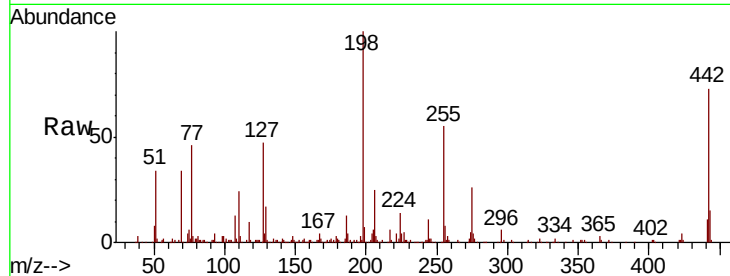
Tot Ion:188 Resp: 570

Ion Ratio Lower Upper

188 100

94 108.1 8.1 12.1#

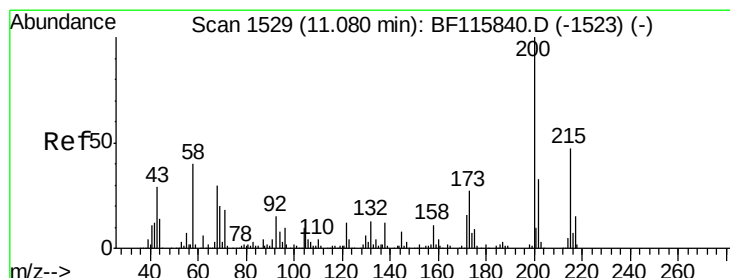
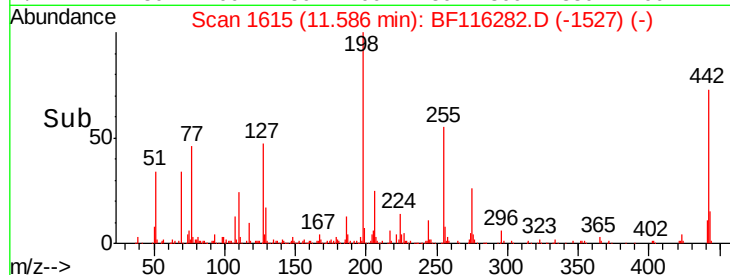
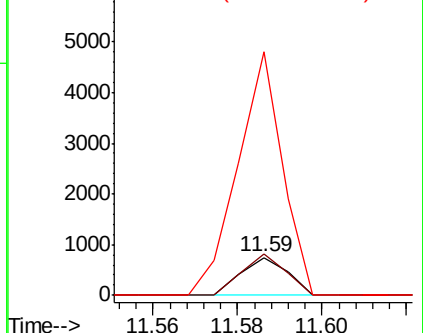
80 639.8 8.7 13.1#



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: 3772.059 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.08 min

Lab File: BF116282.D

Acq: 15 Aug 2019 16:39

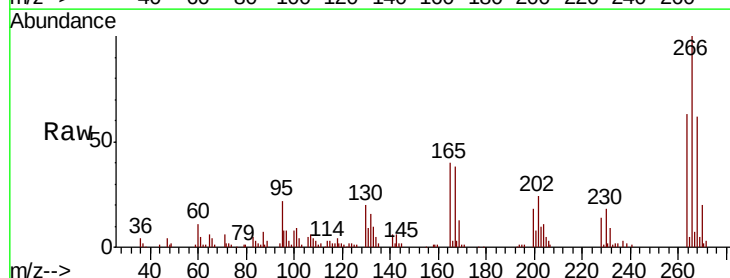
Tgt Ion:200 Resp: 21290

Ion Ratio Lower Upper

200 100

173 0.0 6.8 46.8#

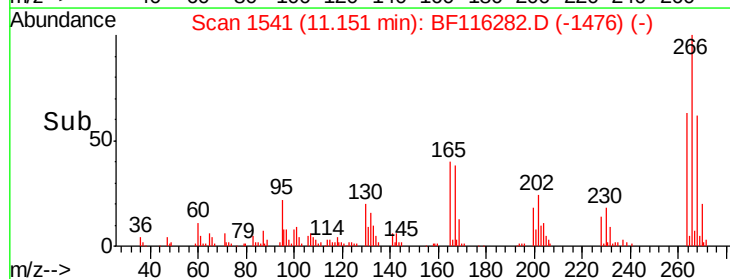
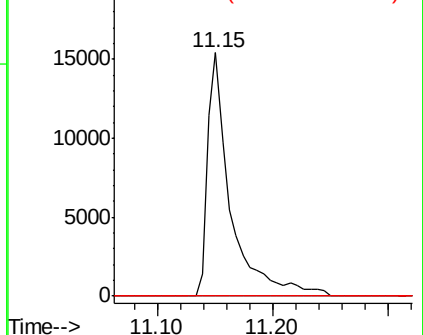
215 0.0 27.5 67.5#

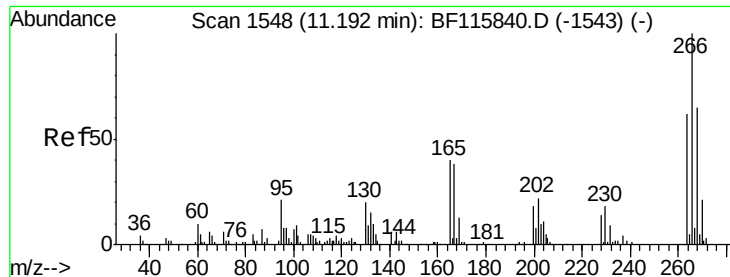


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

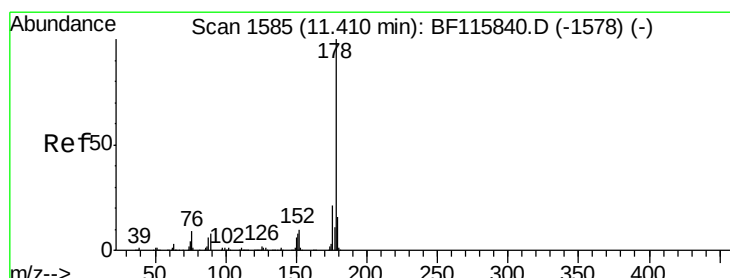
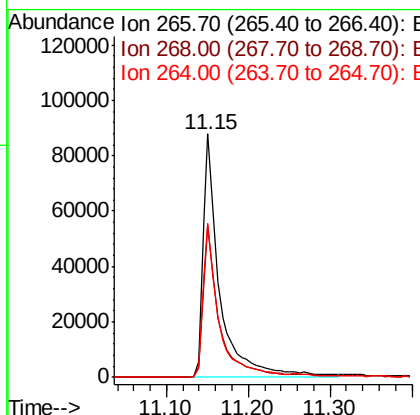
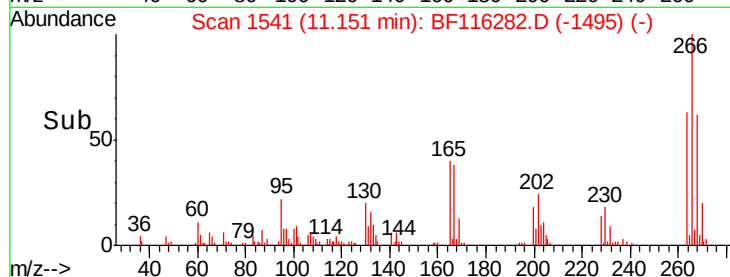
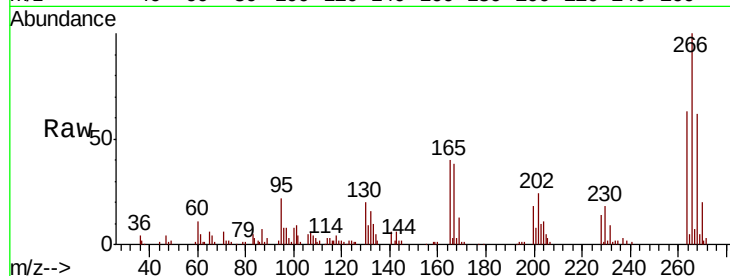




#70
 Pentachlorophenol
 Concen: 36925.473 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.03 min
 Lab File: BF116282.D
 Acq: 15 Aug 2019 16:39

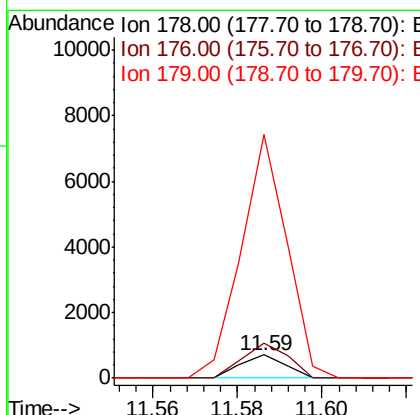
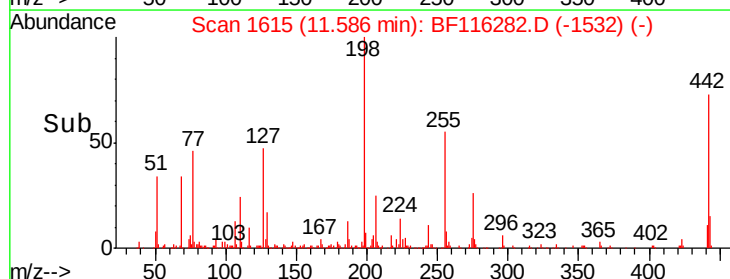
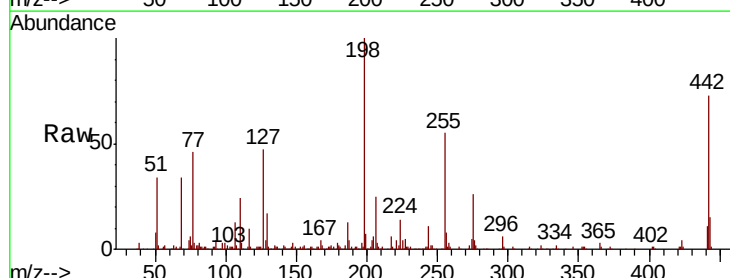
Instrument :
 BNA_F
 ClientSampleId :

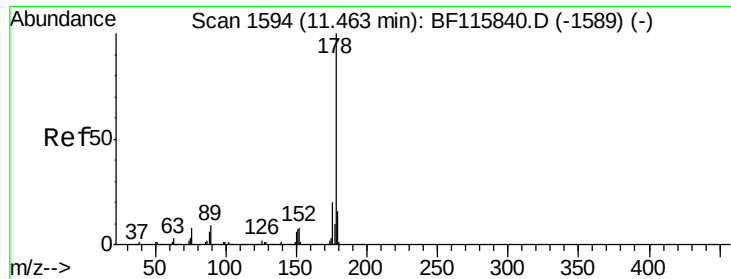
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	48.8	73.2
264	63.1	50.6	76.0



#71
 Phenanthrene
 Concen: 17.708 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.19 min
 Lab File: BF116282.D
 Acq: 15 Aug 2019 16:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	153.1	16.6	24.8#
179	1056.0	12.5	18.7#





#72

Anthracene

Concen: 17.497 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.14 min

Lab File: BF116282.D

Acq: 15 Aug 2019 16:39

Instrument :

BNA_F

ClientSampled :

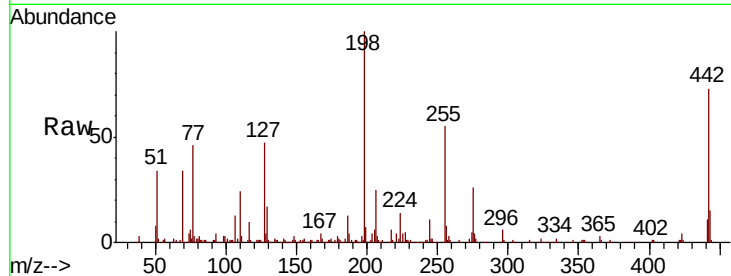
Tot Ion:178 Resp: 516

Ion Ratio Lower Upper

178 100

176 153.1 15.7 23.5#

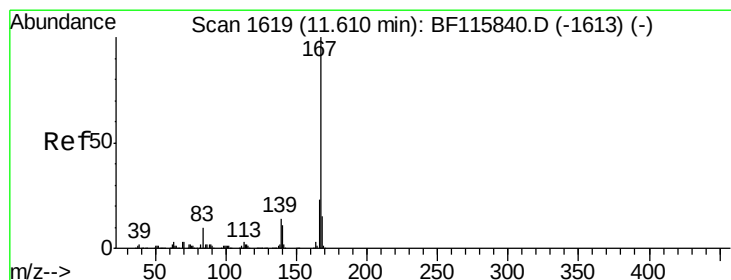
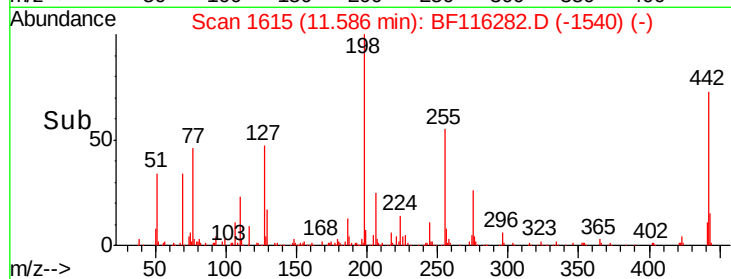
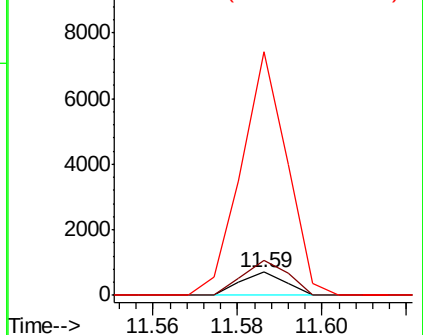
179 1056.0 13.0 19.6#



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: 289.924 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF116282.D

Acq: 15 Aug 2019 16:39

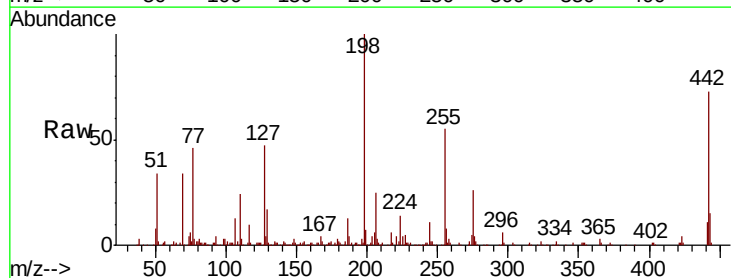
Tgt Ion:167 Resp: 7757

Ion Ratio Lower Upper

167 100

166 15.6 17.8 26.6#

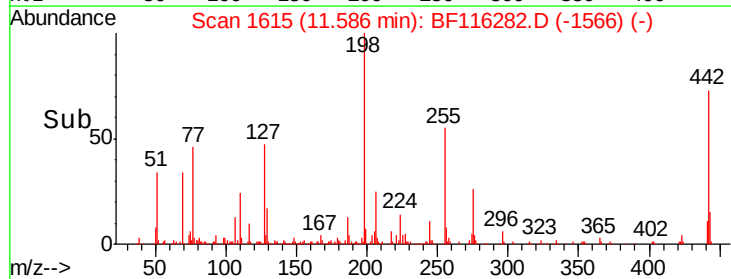
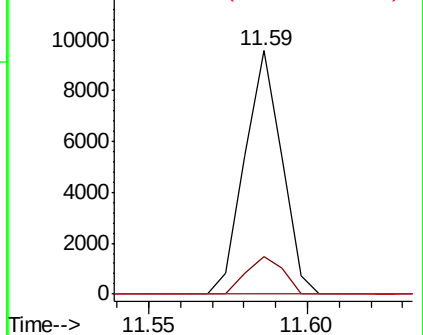
139 0.0 11.4 17.0#

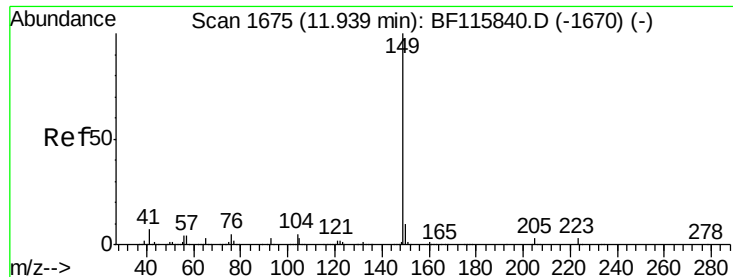


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 15.379 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.03 min

Lab File: BF116282.D

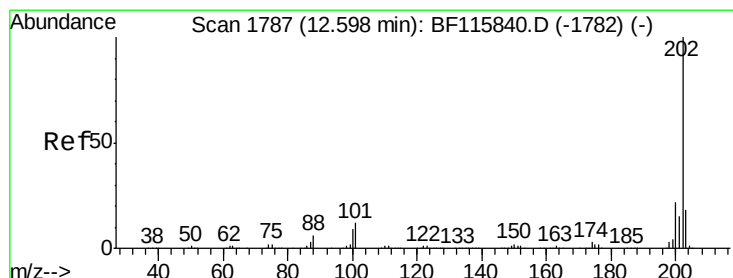
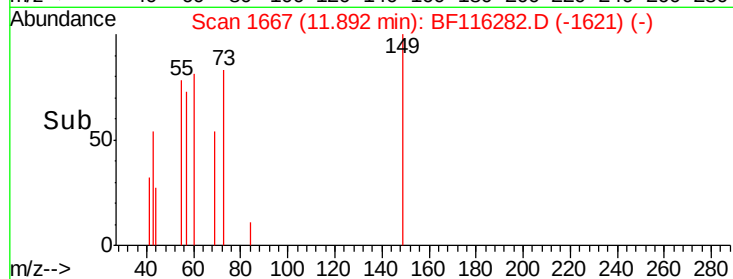
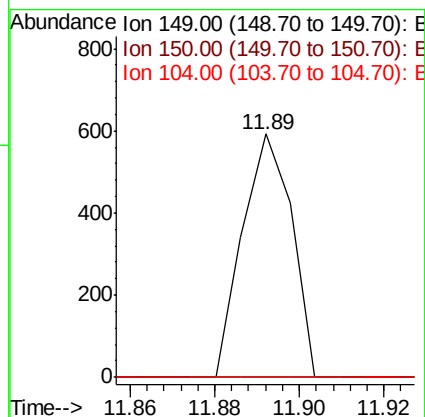
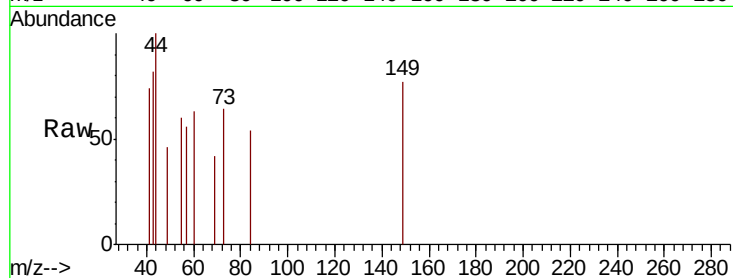
Acq: 15 Aug 2019 16:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	480
Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.0	12.0#
104	0.0	4.5	6.7#



#75

Fluoranthene

Concen: 8.162 ng

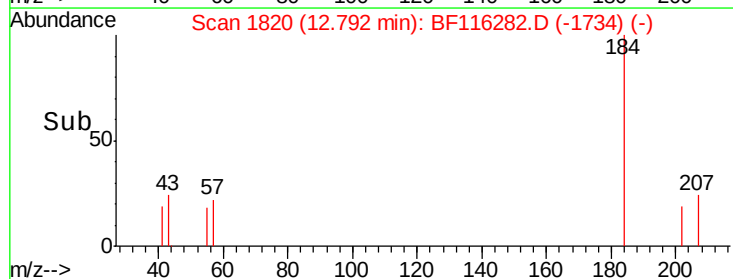
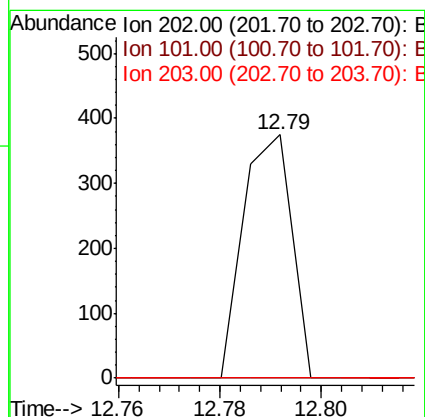
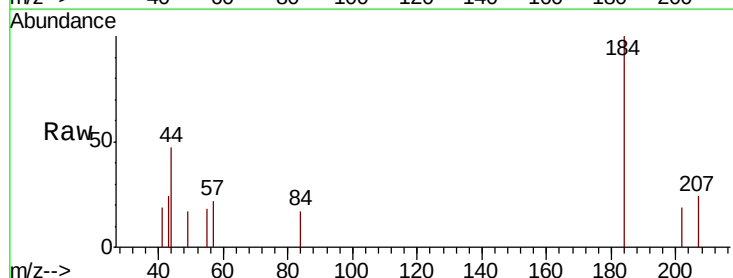
RT: 12.79 min Scan# 1820

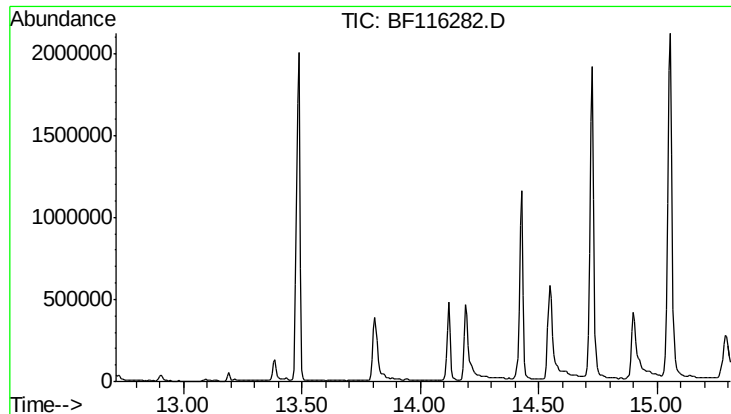
Delta R.T. 0.21 min

Lab File: BF116282.D

Acq: 15 Aug 2019 16:39

Tgt Ion:	202	Resp:	249
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.2
203	0.0	0.0	37.8

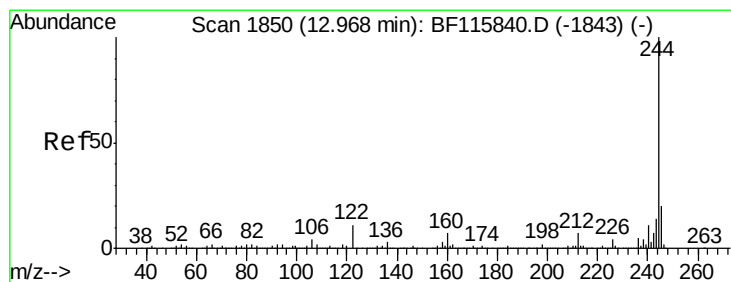
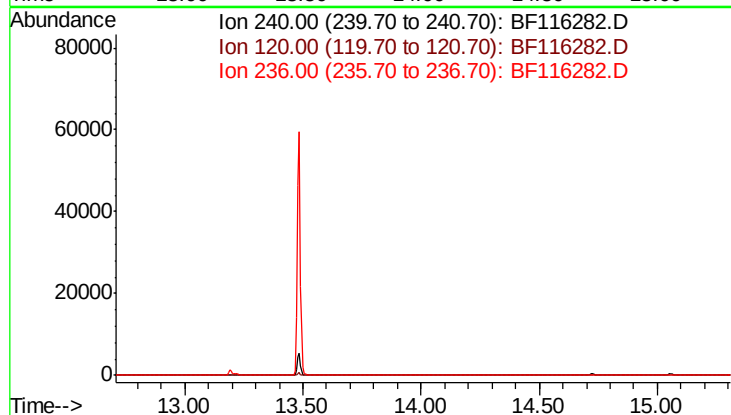




#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 14.01 min
 Lab File: BF116282.D
 Acq: 15 Aug 2019 16:39

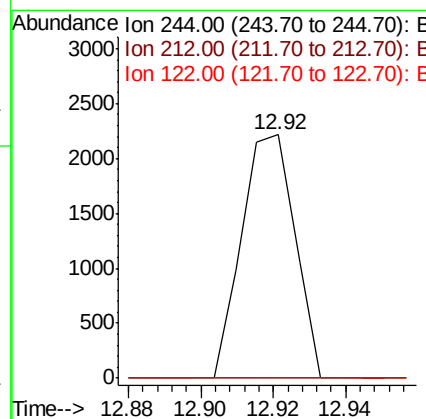
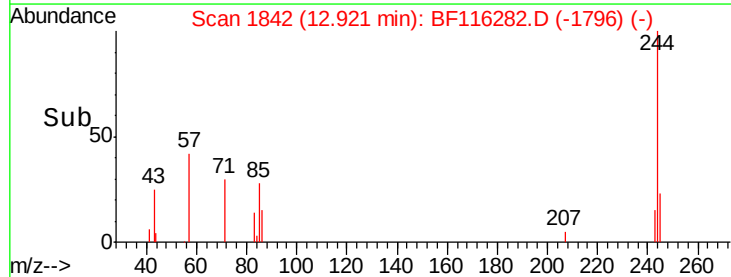
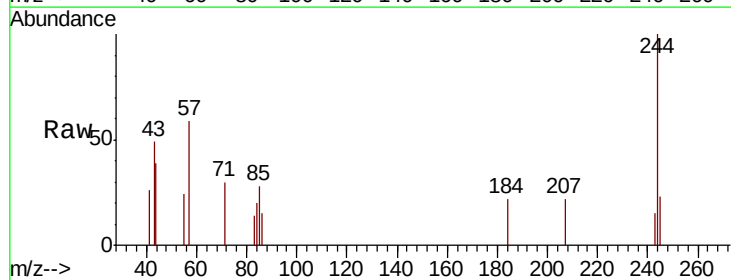
Instrument :
 BNA_F
 ClientSampleId :

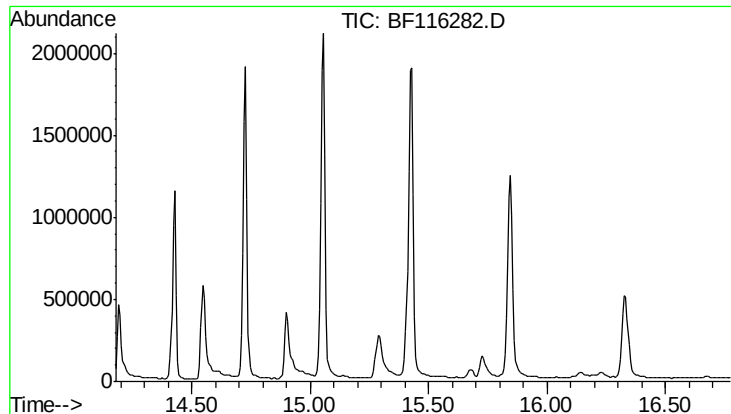
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 13.4
 236 27.7



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BF116282.D
 Acq: 15 Aug 2019 16:39

Tgt Ion:244 Resp: 2263
 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: BF116282.D
Acq: 15 Aug 2019 16:39

Instrument :
BNA_F
ClientSampleId :

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

