

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099396.D
 Acq On : 12 Oct 2017 15:47
 Operator : SJ/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 16:23:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 16:21:36 2017
 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
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.89
63) Phenanthrene-d10	11.62	188	114	20.00	ng	0.24
75) Chrysene-d12	0.00	240	0	0.00	ng	-14.02
86) Perylene-d12	0.00	264	0	0.00	ng	-15.48

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units
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
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng
78) Terphenyl-d14	0.00	244	0	0.00	ng

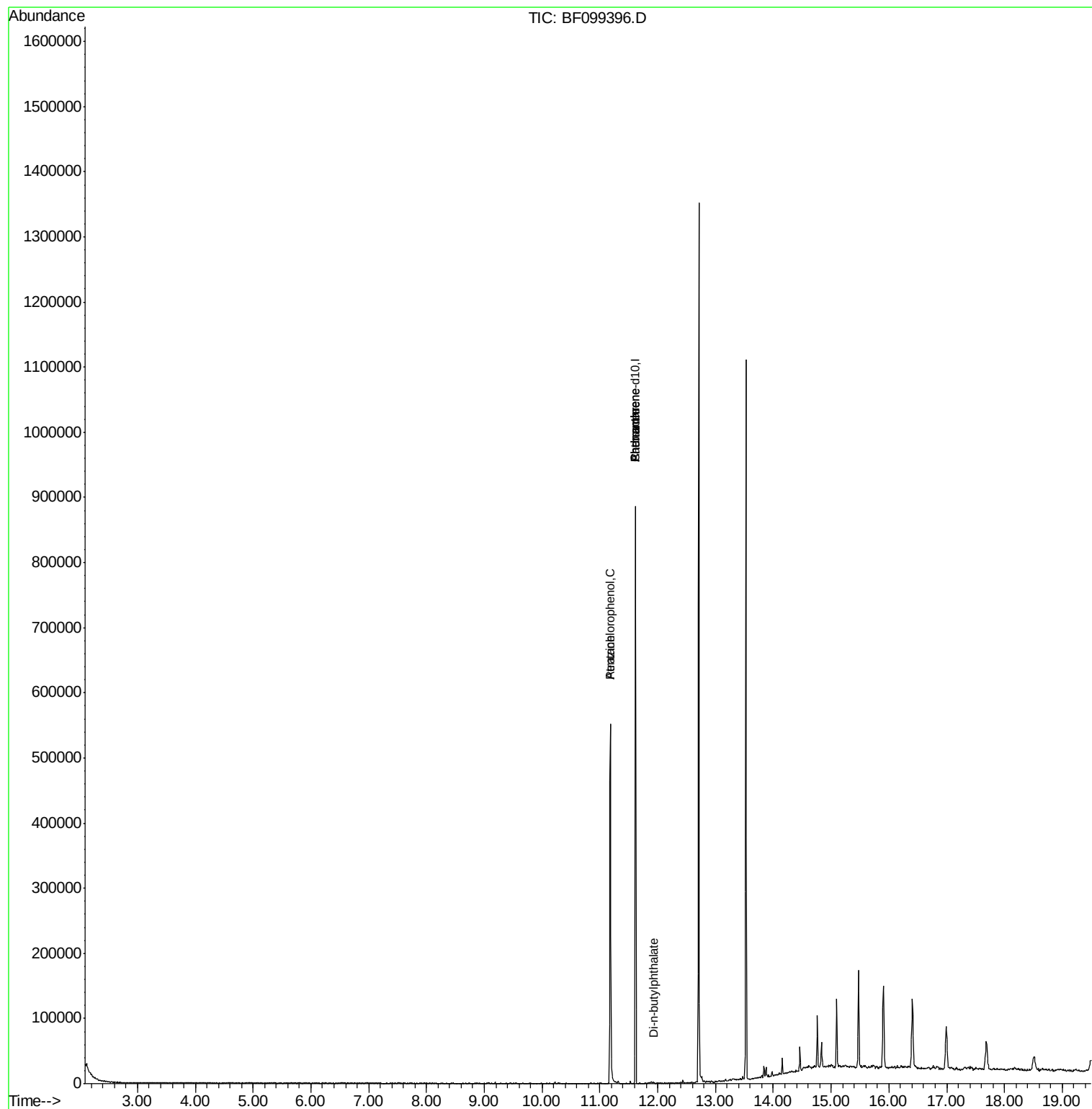
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
68) Atrazine	11.18	200	13265	11163.742	ng	# 37
69) Pentachlorophenol	11.18	266	63537	85660.800	ng	97
70) Phenanthrene	11.62	178	114	18.682	ng	# 1
71) Anthracene	11.62	178	114	18.259	ng	# 1
72) Carbazole	11.62	167	4155	679.566	ng	# 78
73) Di-n-butylphthalate	11.92	149	581	78.946	ng	# 78

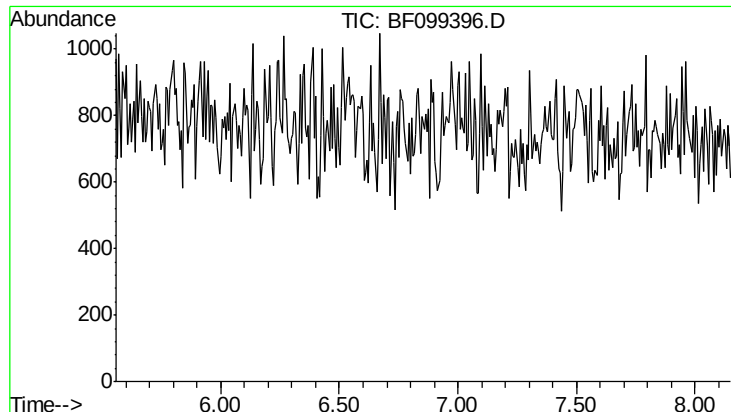
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 6.85 min

Lab File: BF099396.D

Acq: 12 Oct 2017 15:47

Instrument :

BNA_F

ClientSampleId :

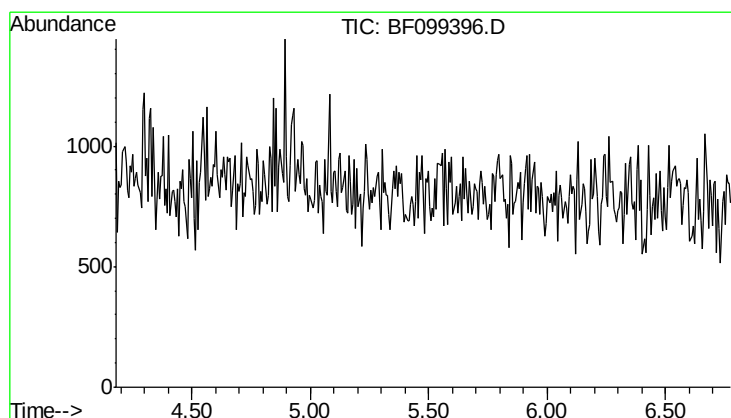
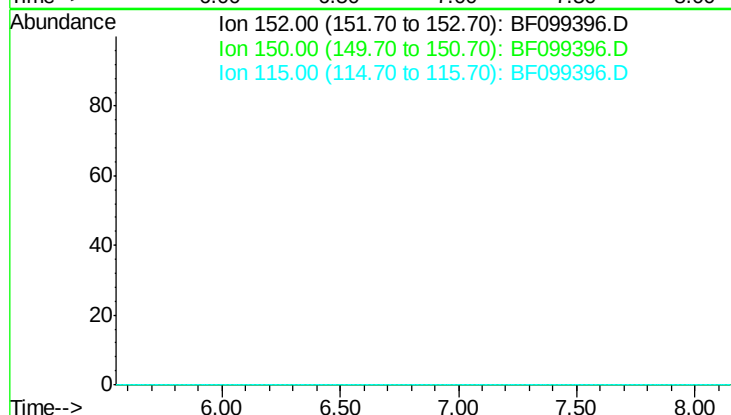
Tot Ion: 152

Sig Exp Ratio

152 100

150 155.7

115 62.6



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.47 min

Lab File: BF099396.D

Acq: 12 Oct 2017 15:47

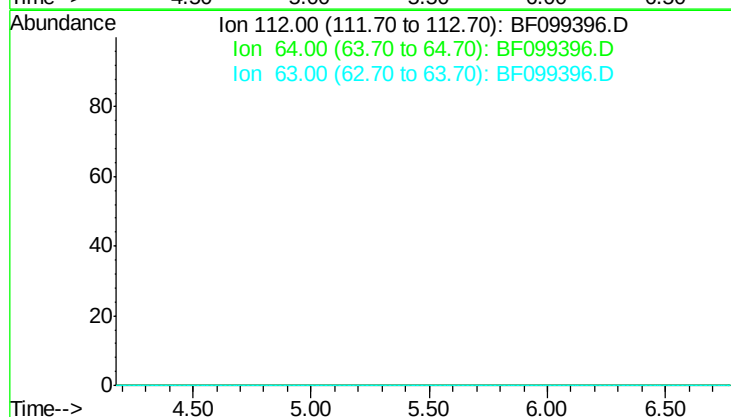
Tgt Ion: 112

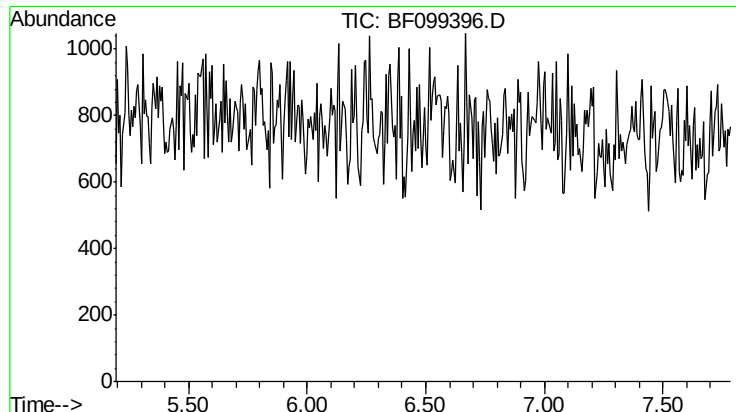
Sig Exp Ratio

112 100

64 59.9

63 29.6

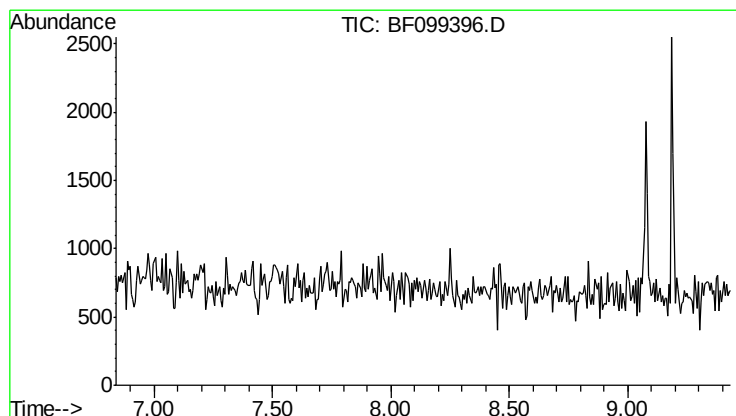
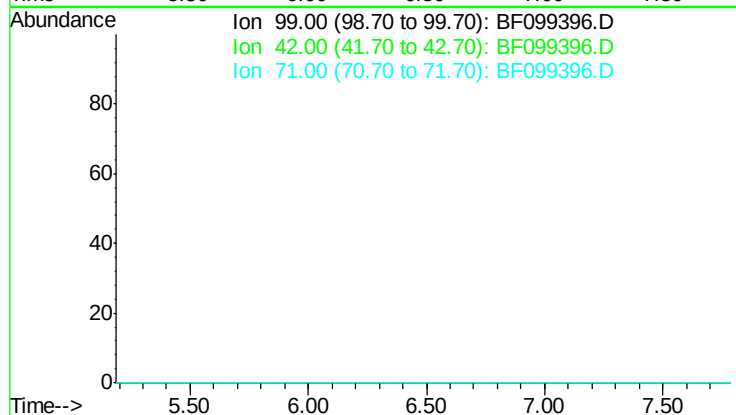




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF099396.D
 Acq: 12 Oct 2017 15:47

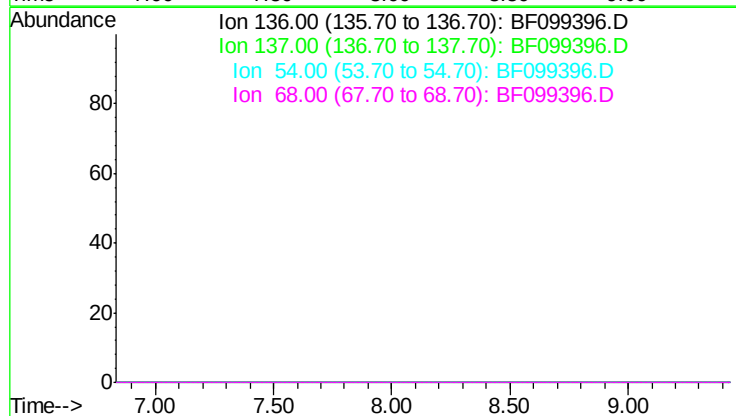
Instrument :
 BNA_F
 ClientSampleId :

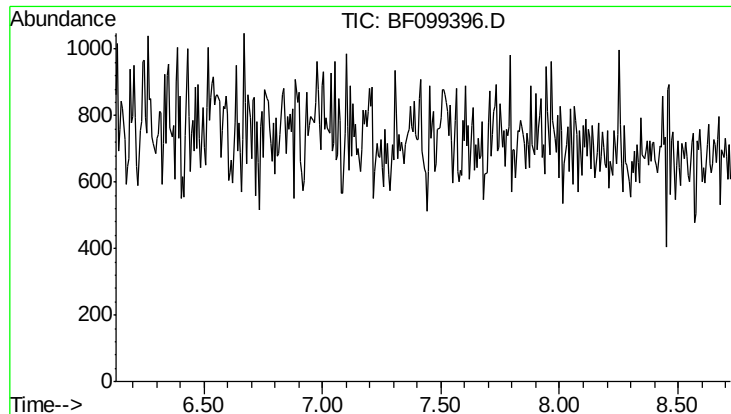
Tot Ion	99
Sig	Exp Ratio
99	100
42	18.1
71	31.7



#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 8.13 min
 Lab File: BF099396.D
 Acq: 12 Oct 2017 15:47

Tgt Ion	136
Sig	Exp Ratio
136	100
137	11.1
54	8.2
68	6.2

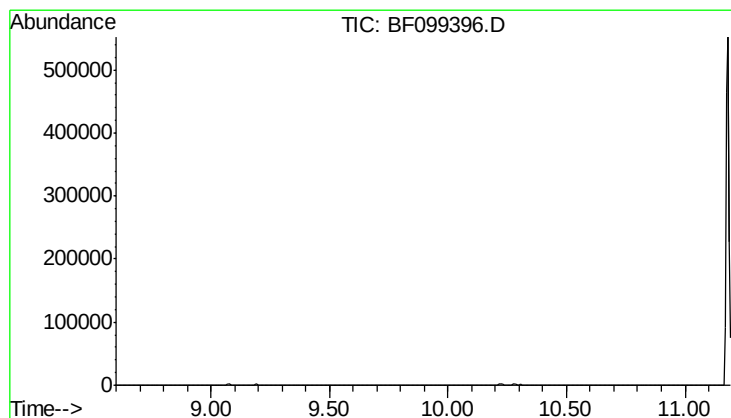
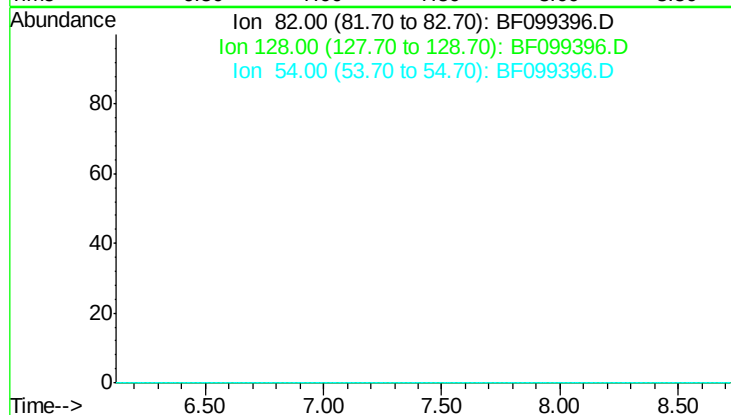




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF099396.D
 Acq: 12 Oct 2017 15:47

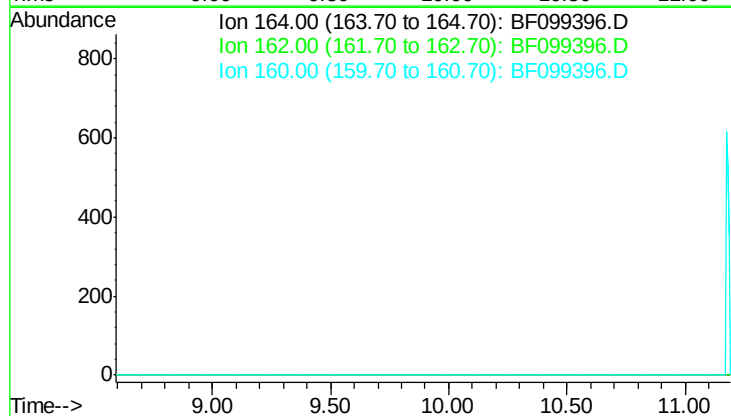
Instrument :
 BNA_F
 ClientSampleId :

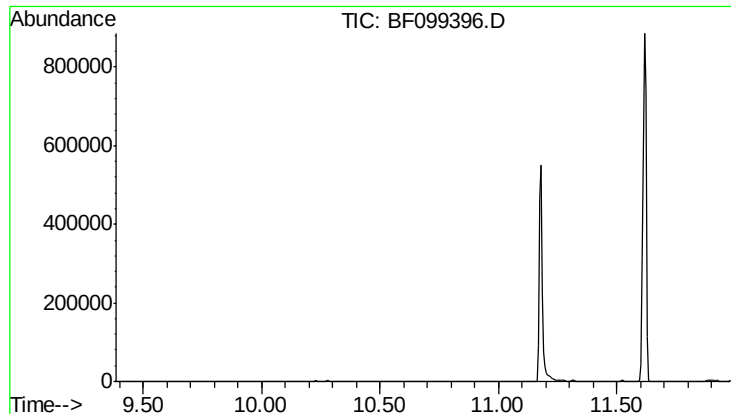
Tot Ion	82
Sig	Exp Ratio
82	100
128	45.1
54	51.8



#38
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.89 min
 Lab File: BF099396.D
 Acq: 12 Oct 2017 15:47

Tgt Ion	164
Sig	Exp Ratio
164	100
162	107.6
160	47.9





#41

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.68 min

Lab File: BF099396.D

Acq: 12 Oct 2017 15:47

Instrument :

BNA_F

ClientSampleId :

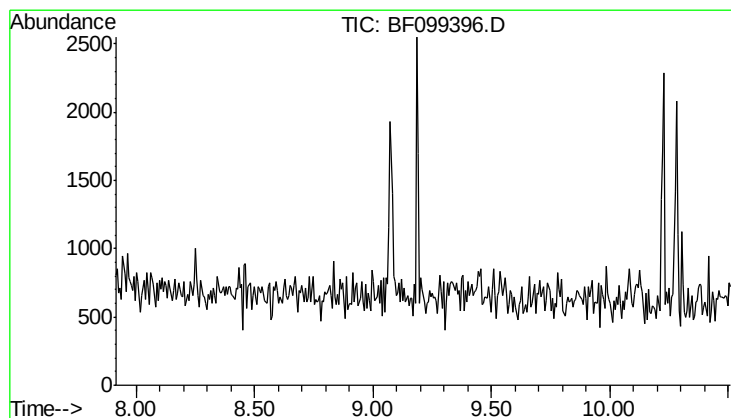
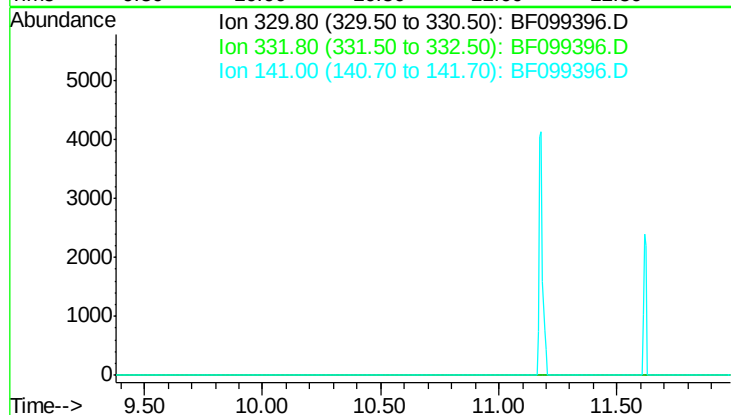
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.3

141 37.4



#44

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.21 min

Lab File: BF099396.D

Acq: 12 Oct 2017 15:47

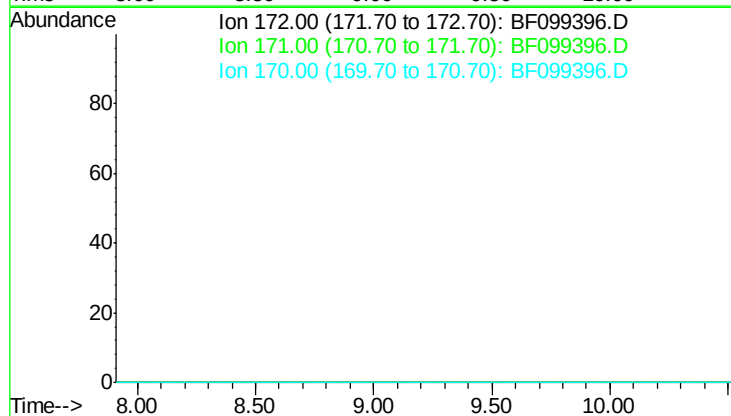
Tgt Ion: 172

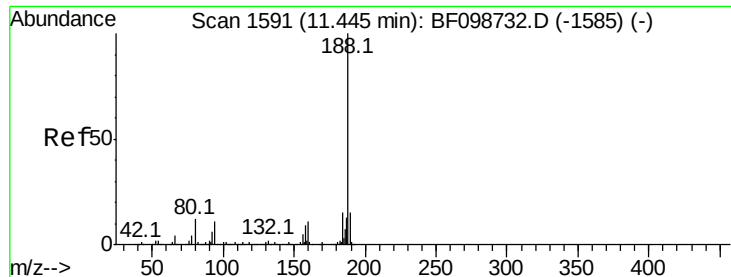
Sig Exp Ratio

172 100

171 37.1

170 24.5

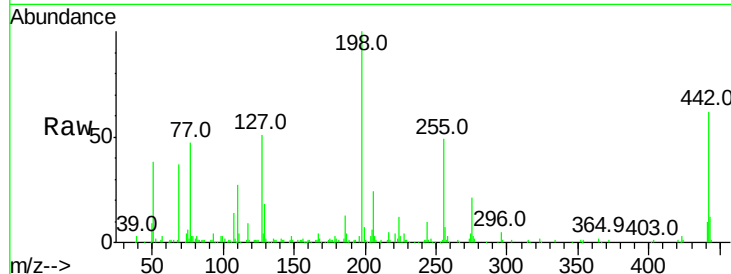




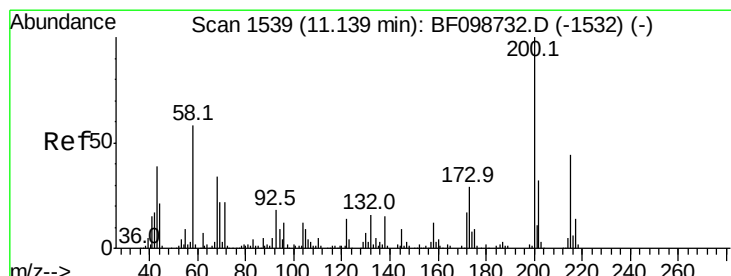
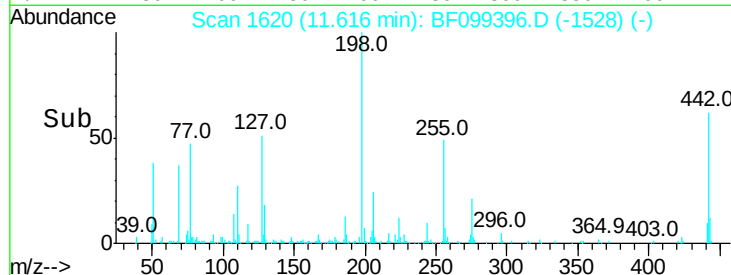
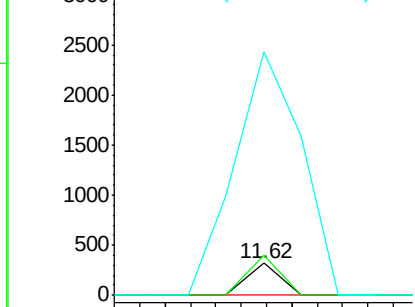
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.62 min Scan# 1620
Delta R.T. 0.24 min
Lab File: BF099396.D
Acq: 12 Oct 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 114
Ion Ratio Lower Upper
188 100
94 122.9 8.5 12.7#
80 752.6 9.2 13.8#

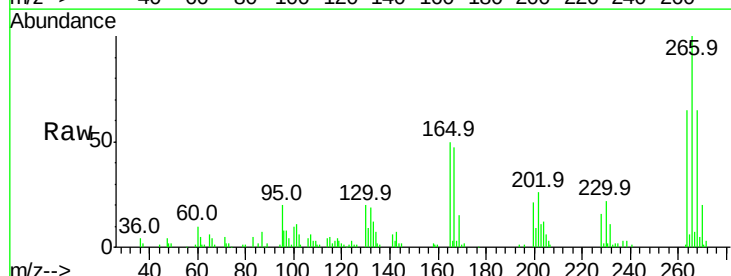


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

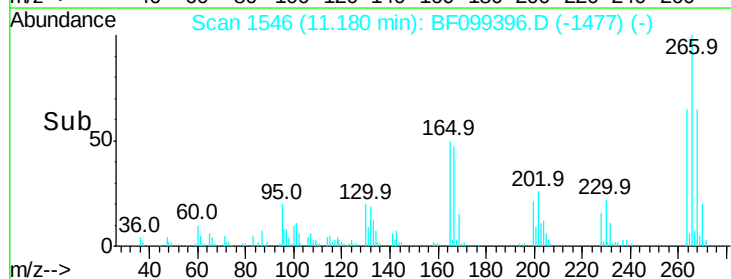
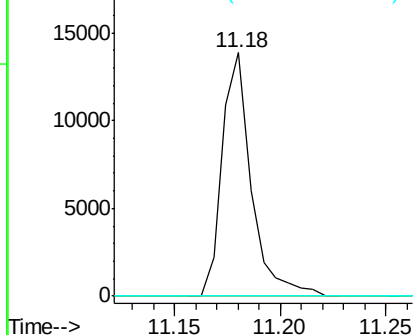


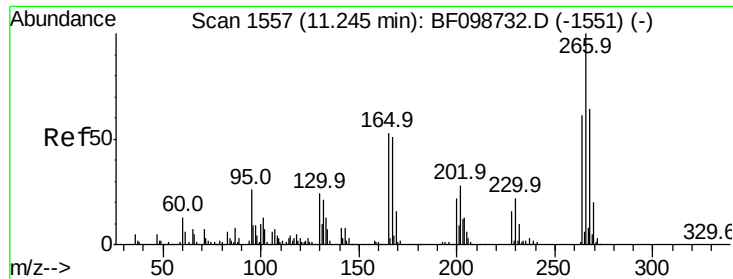
#68
Atrazine
Concen: 11163.742 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.11 min
Lab File: BF099396.D
Acq: 12 Oct 2017 15:47

Tgt Ion:200 Resp: 13265
Ion Ratio Lower Upper
200 100
173 0.0 8.6 48.6#
215 0.0 25.1 65.1#



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

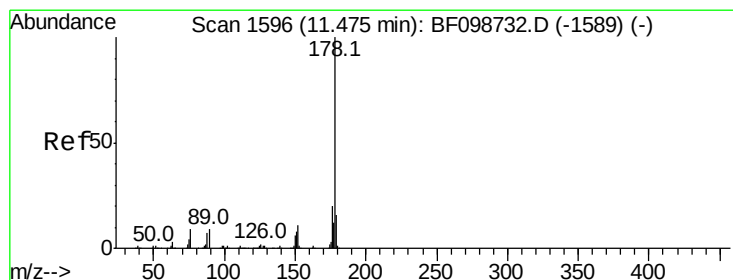
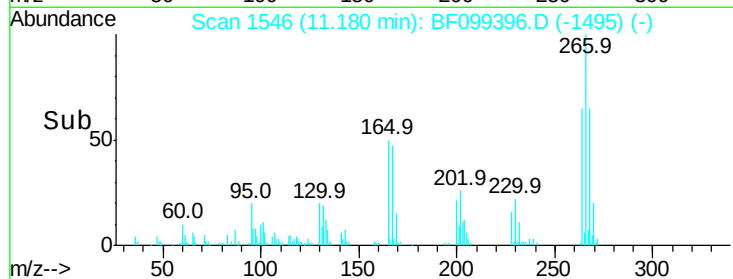
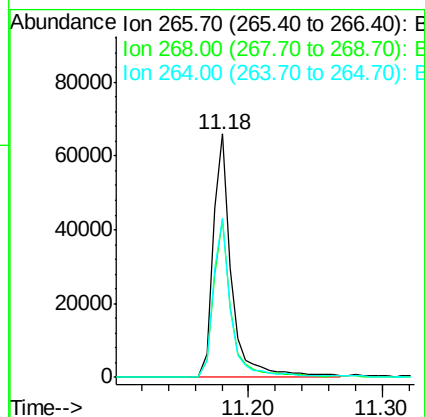
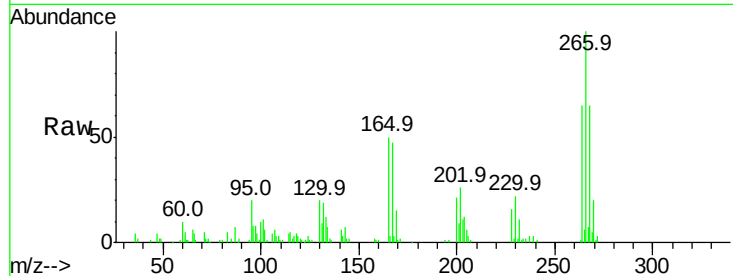




#69
 Pentachlorophenol
 Concen: 85660.800 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF099396.D
 Acq: 12 Oct 2017 15:47

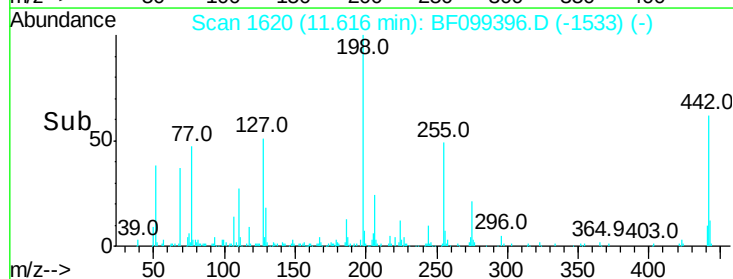
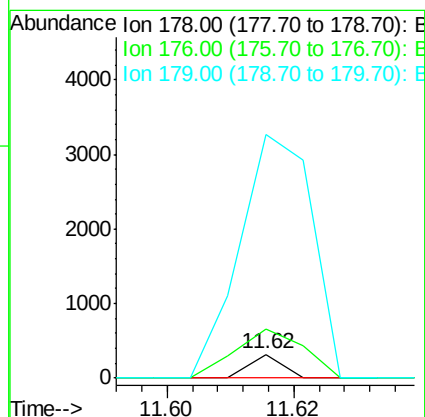
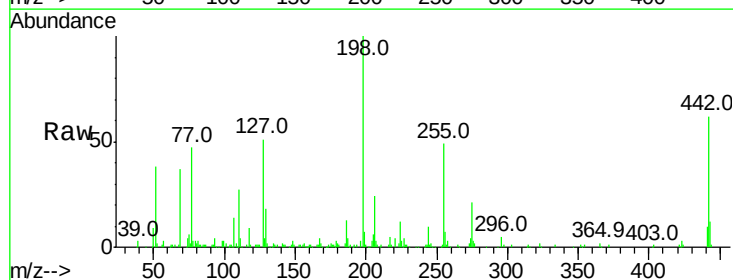
Instrument :
 BNA_F
 ClientSampleId :

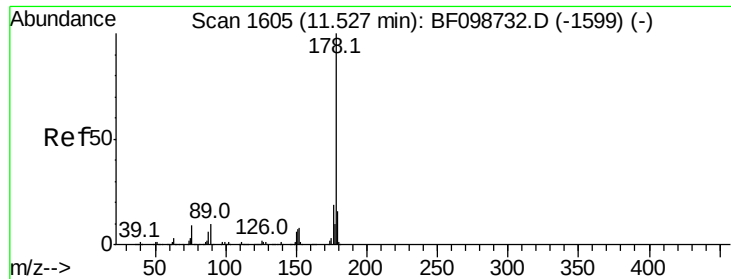
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	65.5	49.5	74.3



#70
 Phenanthrene
 Concen: 18.682 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.21 min
 Lab File: BF099396.D
 Acq: 12 Oct 2017 15:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	203.1	15.8	23.8#
179	1014.3	13.0	19.6#





#71

Anthracene

Concen: 18.259 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.16 min

Lab File: BF099396.D

Acq: 12 Oct 2017 15:47

Instrument :

BNA_F

ClientSampleId :

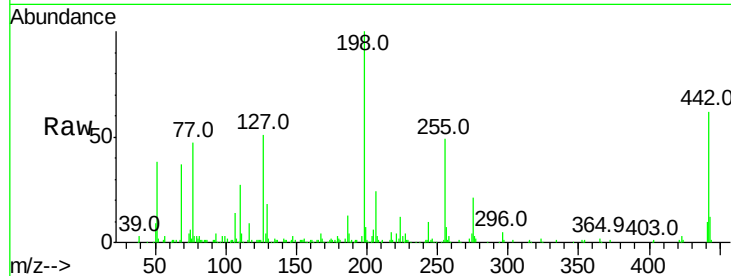
Tot Ion:178 Resp: 114

Ion Ratio Lower Upper

178 100

176 203.1 15.4 23.2#

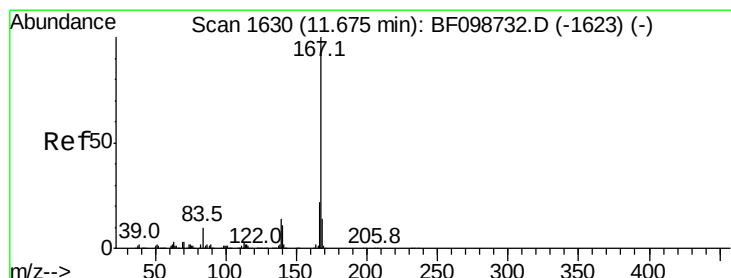
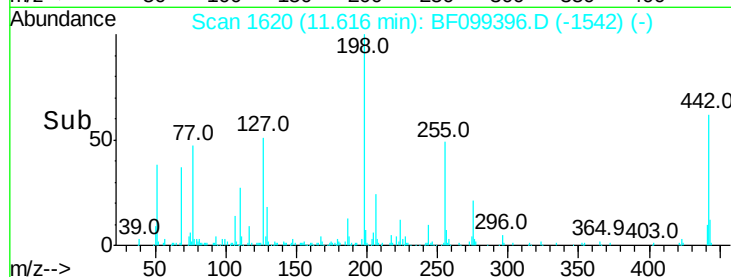
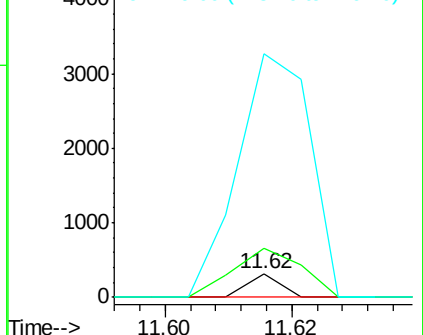
179 1014.3 12.6 19.0#



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

Carbazole

Concen: 679.566 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BF099396.D

Acq: 12 Oct 2017 15:47

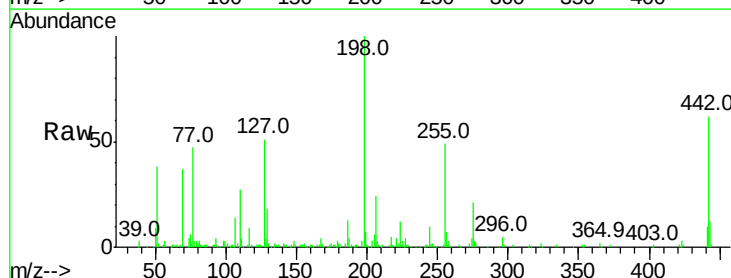
Tgt Ion:167 Resp: 4155

Ion Ratio Lower Upper

167 100

166 14.8 17.6 26.4#

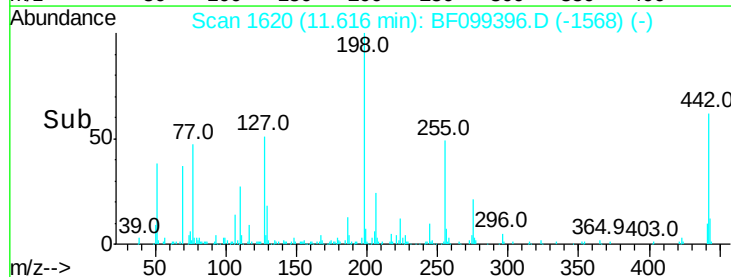
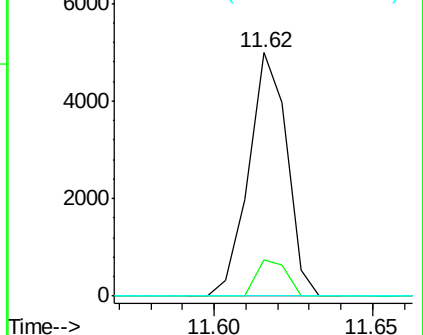
139 0.0 10.9 16.3#

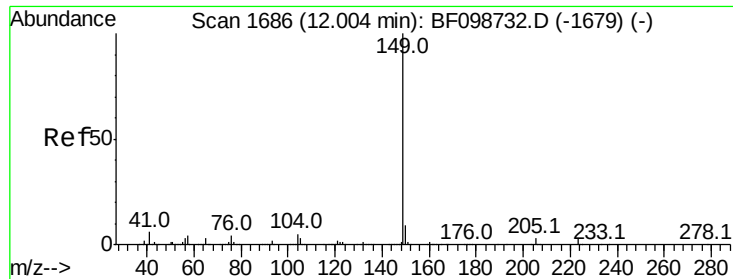


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 78.946 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BF099396.D

Acq: 12 Oct 2017 15:47

Instrument :

BNA_F

ClientSampleId :

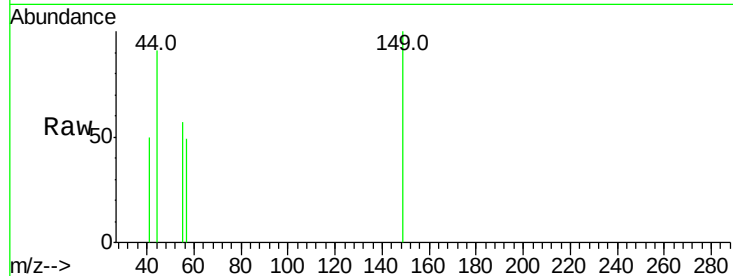
Tot Ion:149 Resp: 581

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 3.8 5.8#



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

800

600

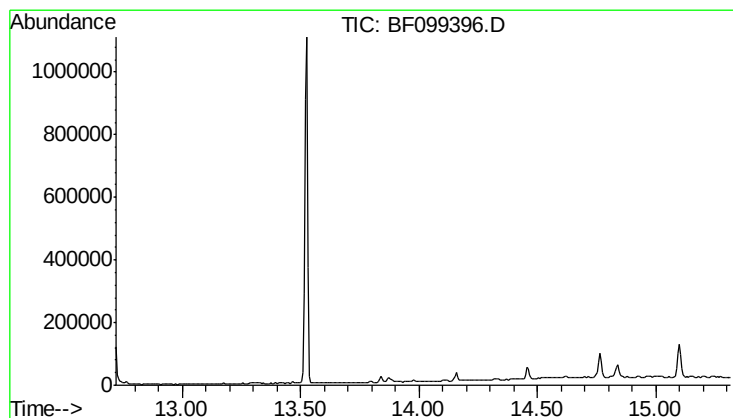
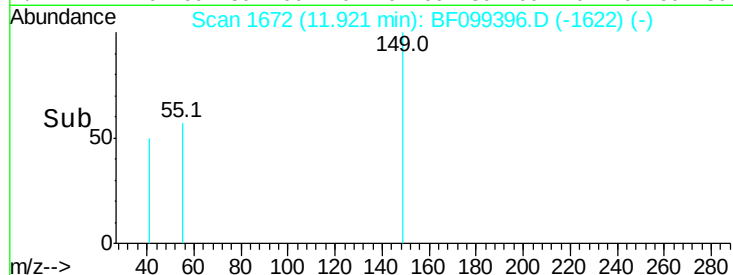
400

200

0

11.90 11.92 11.94

Time-->



#75

Chrysene-d12

Concen: 0.000 ng

Expected RT: 14.02 min

Lab File: BF099396.D

Acq: 12 Oct 2017 15:47

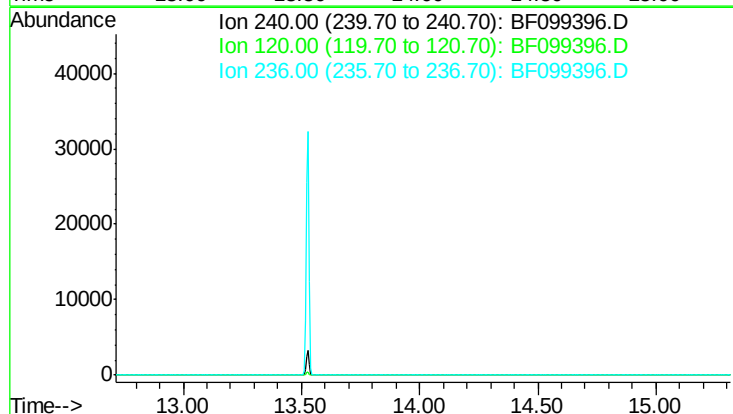
Tgt Ion: 240

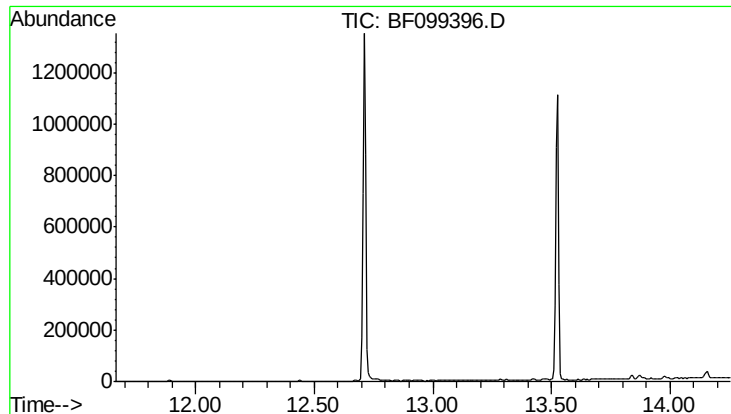
Sig Exp Ratio

240 100

120 11.9

236 25.9

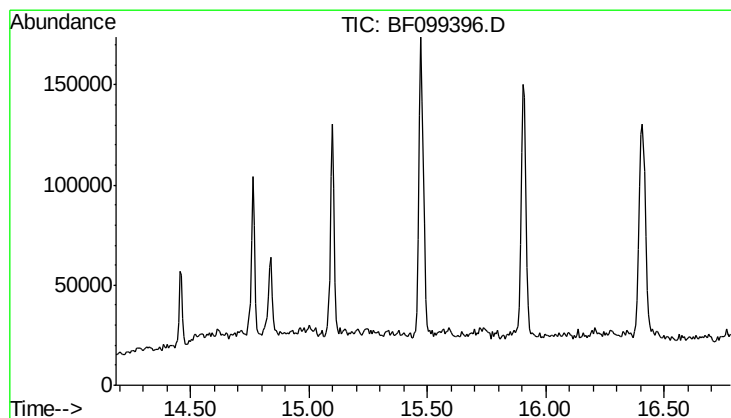
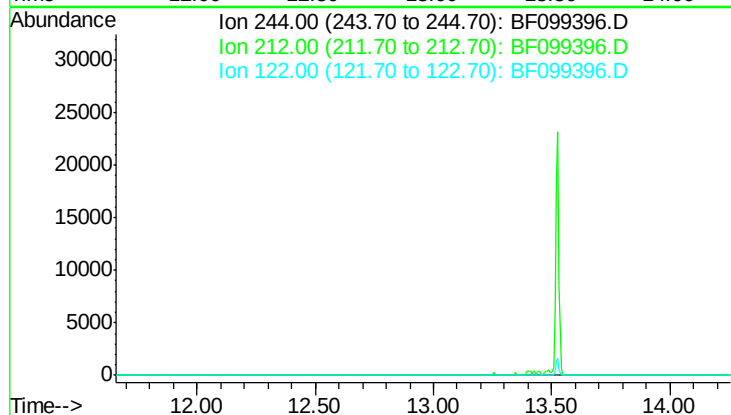




#78
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.96 min
 Lab File: BF099396.D
 Acq: 12 Oct 2017 15:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 6.7
 122 13.7



#86
 Perylene-d12
 Concen: 0.000 ng
 Expected RT: 15.48 min
 Lab File: BF099396.D
 Acq: 12 Oct 2017 15:47

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 24.0
 265 21.9

