

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099210.D
 Acq On : 7 Oct 2017 23:38
 Operator : SJ/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:40:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 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	-6.87
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.15
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.90
63) Phenanthrene-d10	11.63	188	106	20.00	ng	0.24
75) Chrysene-d12	0.00	240	0	0.00	ng	-14.03
86) Perylene-d12	0.00	264	0	0.00	ng	-15.50

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

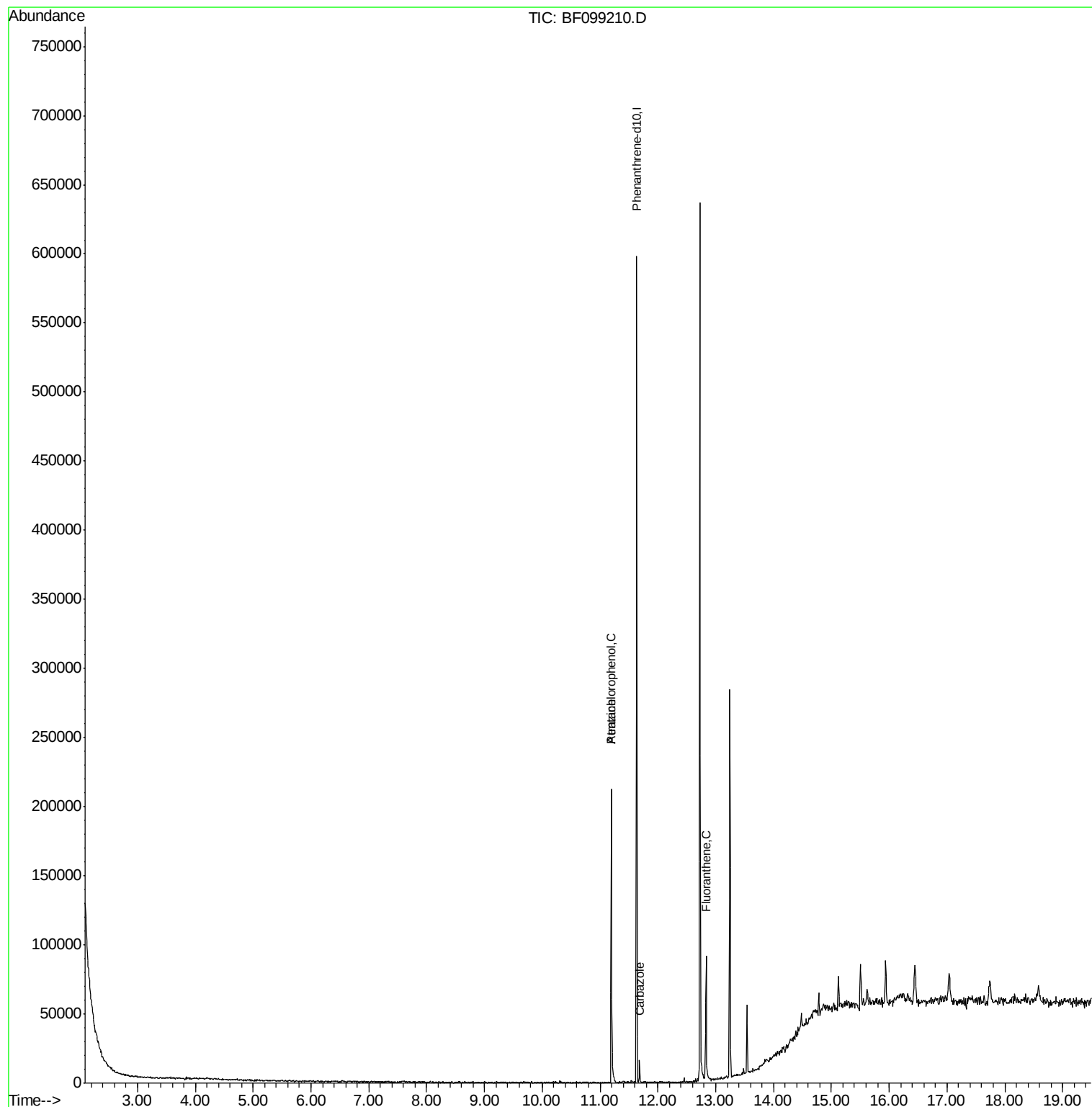
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
68) Atrazine	11.19	200	5045	4566.282	ng	# 37
69) Pentachlorophenol	11.19	266	24738	35868.977	ng	96
72) Carbazole	11.68	167	112	19.701	ng	# 1
74) Fluoranthene	12.83	202	357	62.136	ng	# 1

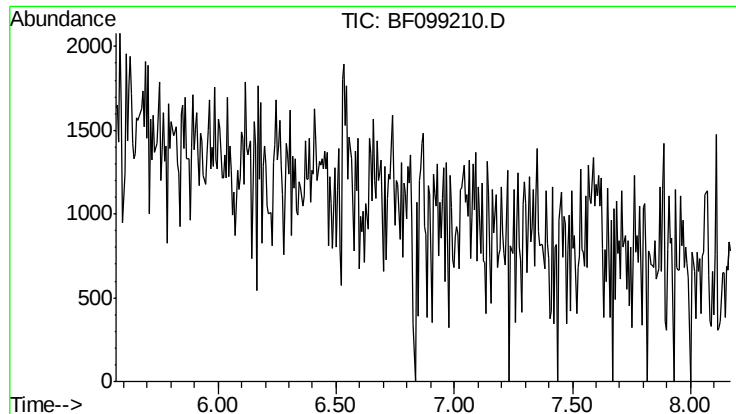
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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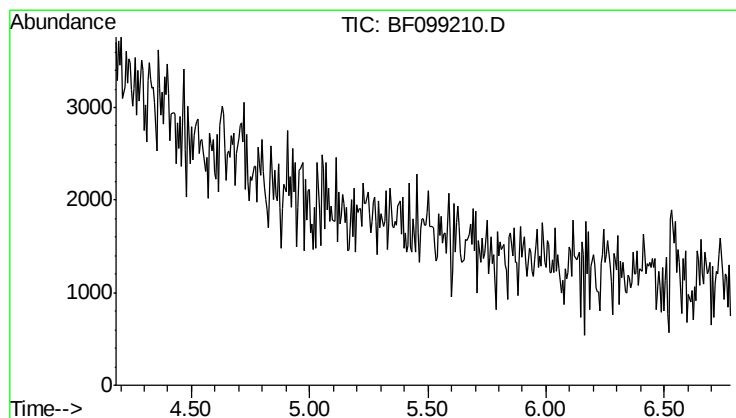
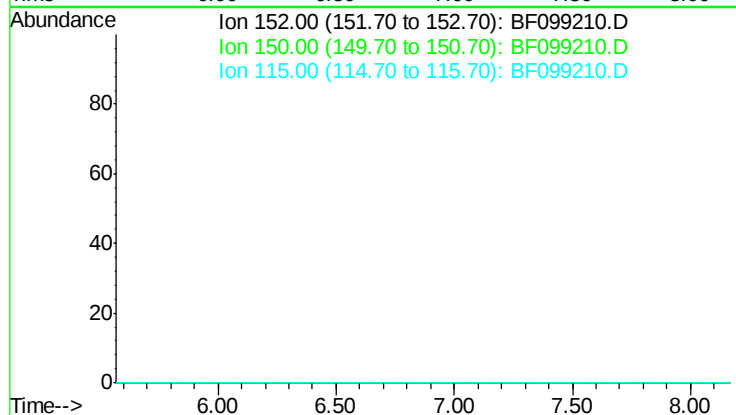




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.87 min
 Lab File: BF099210.D
 Acq: 7 Oct 2017 23:38

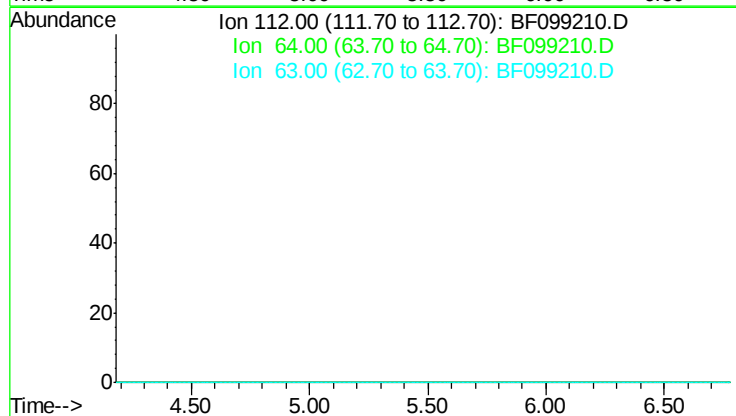
Instrument :
 BNA_F
 ClientSampleId :

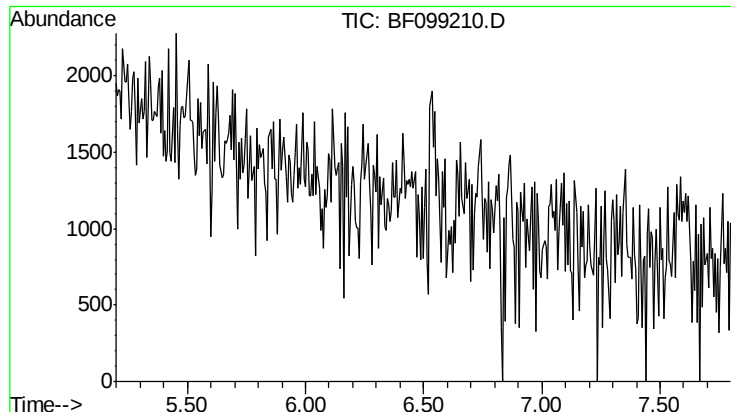
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 155.7
 115 62.6



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.48 min
 Lab File: BF099210.D
 Acq: 7 Oct 2017 23:38

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.9
 63 29.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.50 min

Lab File: BF099210.D

Acq: 7 Oct 2017 23:38

Instrument :

BNA_F

ClientSampleId :

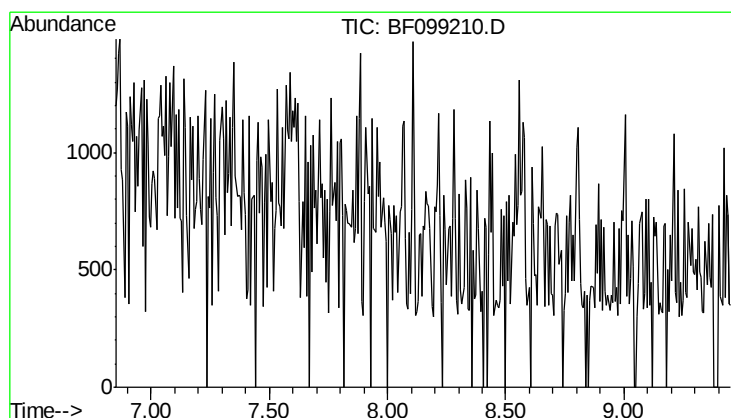
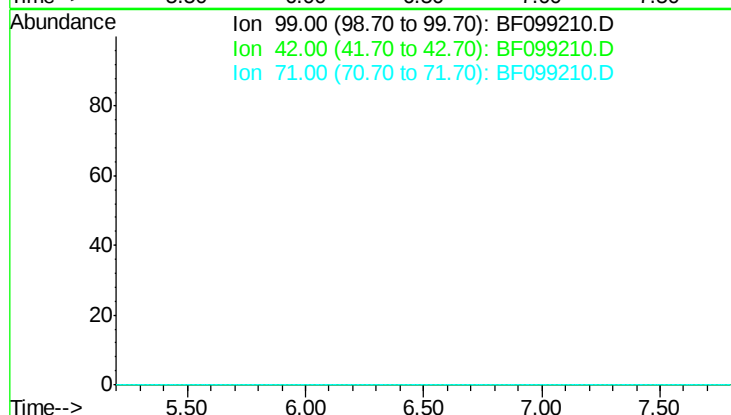
Tot Ion: 99

Sig Exp Ratio

99 100

42 18.1

71 31.7



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.15 min

Lab File: BF099210.D

Acq: 7 Oct 2017 23:38

Tgt Ion: 136

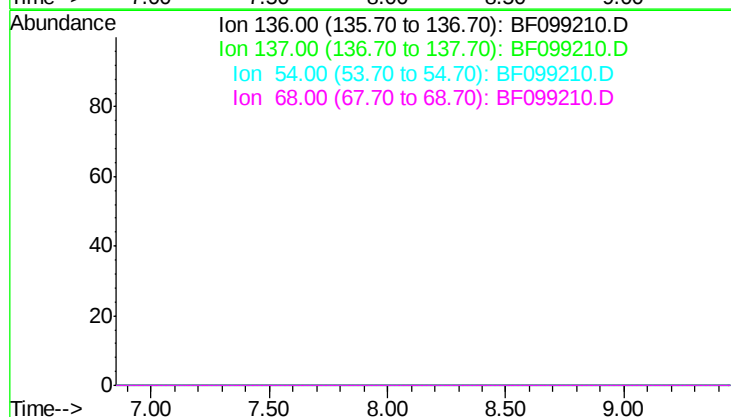
Sig Exp Ratio

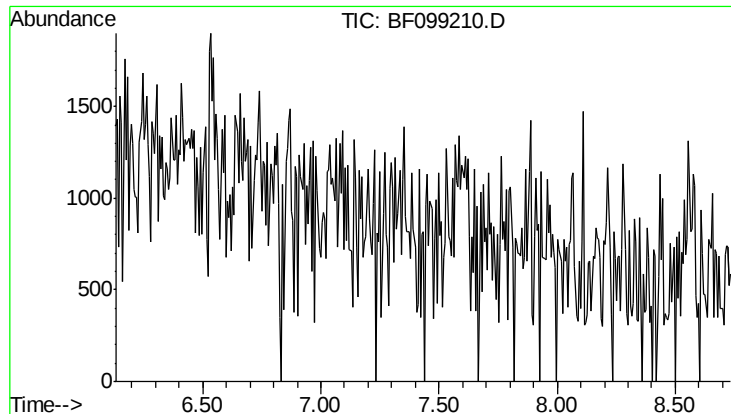
136 100

137 11.1

54 8.2

68 6.2

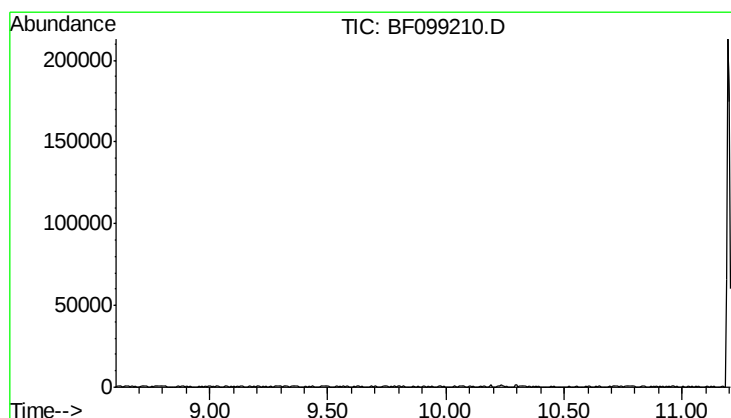
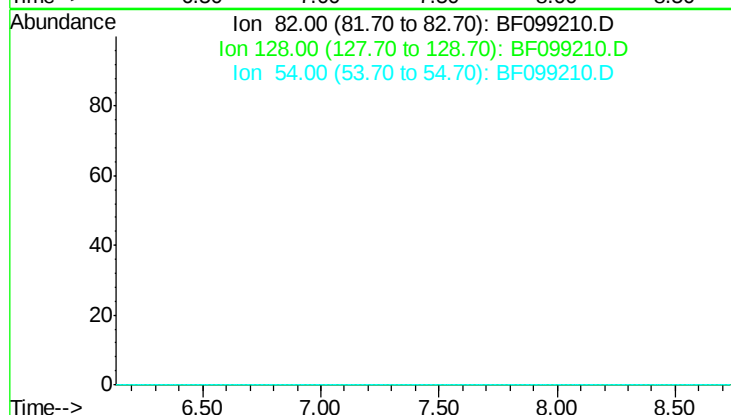




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.43 min
 Lab File: BF099210.D
 Acq: 7 Oct 2017 23:38

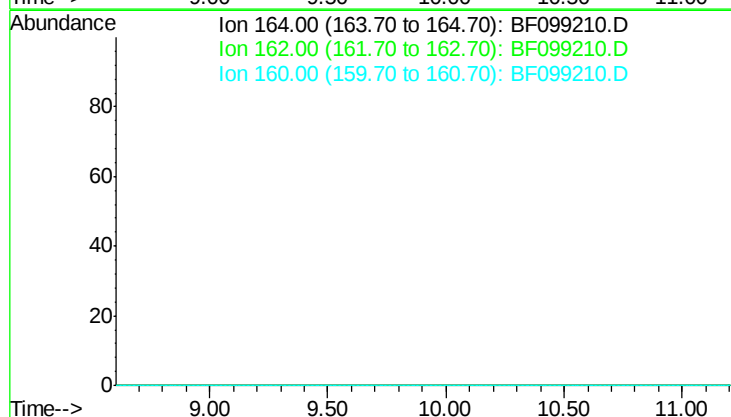
Instrument :
 BNA_F
 ClientSampleId :

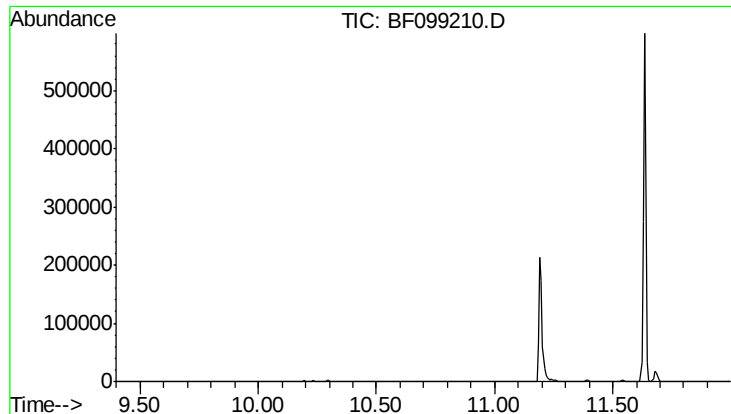
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.1
 54 51.8



#38
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.90 min
 Lab File: BF099210.D
 Acq: 7 Oct 2017 23:38

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

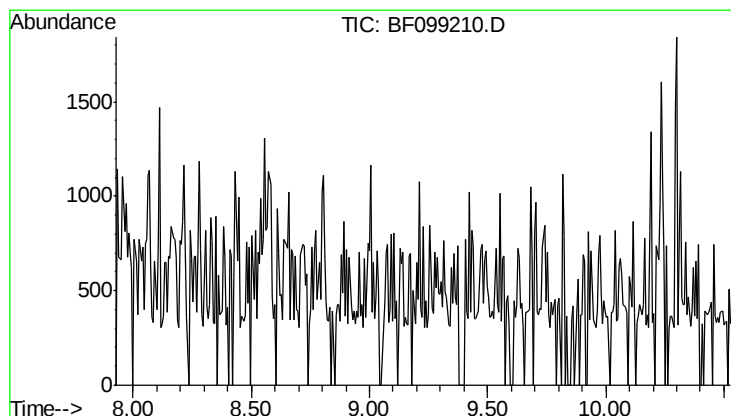
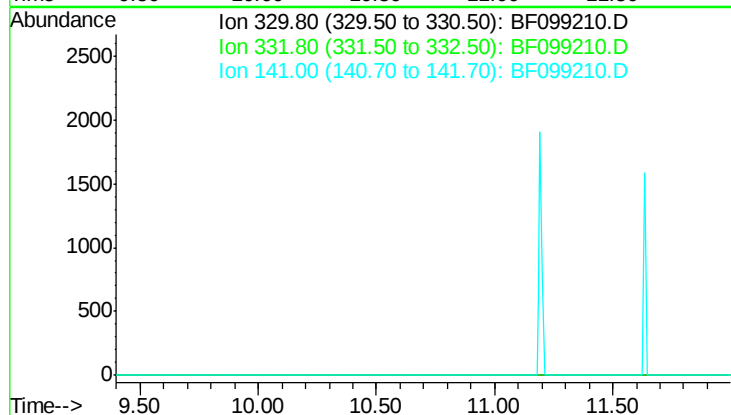




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.70 min
 Lab File: BF099210.D
 Acq: 7 Oct 2017 23:38

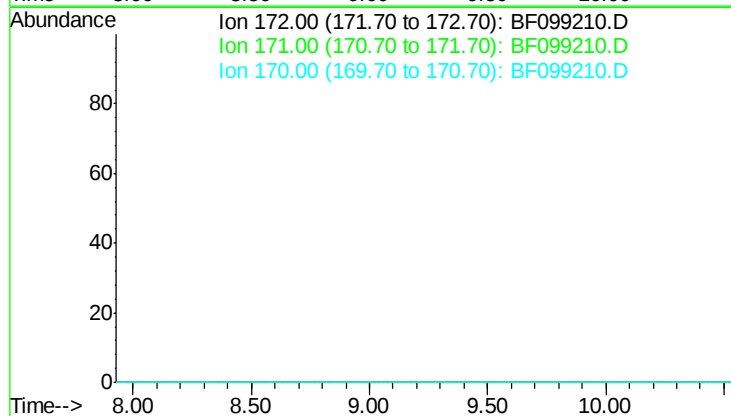
Instrument :
 BNA_F
 ClientSampleId :

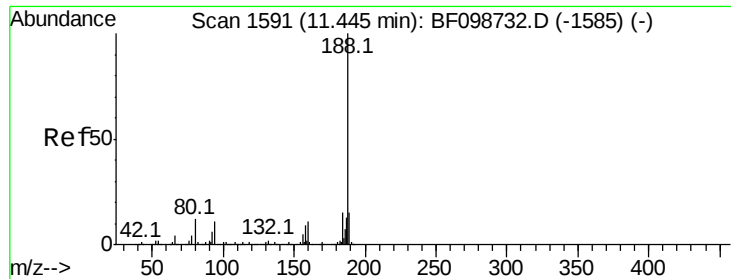
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.23 min
 Lab File: BF099210.D
 Acq: 7 Oct 2017 23:38

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.24 min

Lab File: BF099210.D

Acq: 7 Oct 2017 23:38

Instrument :

BNA_F

ClientSampleId :

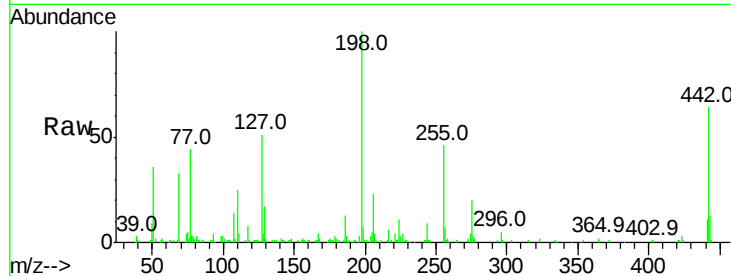
Tot Ion:188 Resp: 106

Ion Ratio Lower Upper

188 100

94 108.3 8.5 12.7#

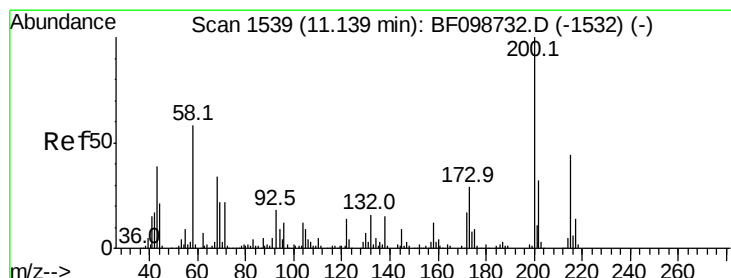
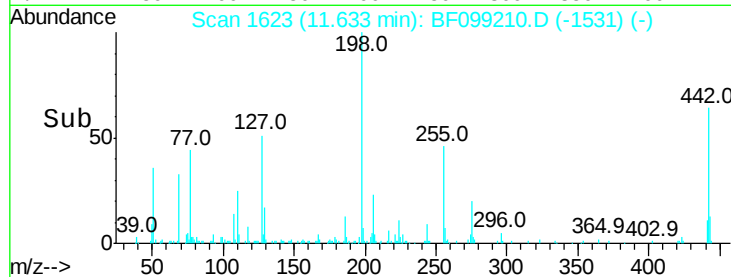
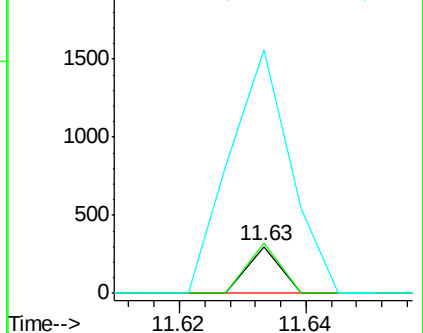
80 518.3 9.2 13.8#



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: 4566.282 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.10 min

Lab File: BF099210.D

Acq: 7 Oct 2017 23:38

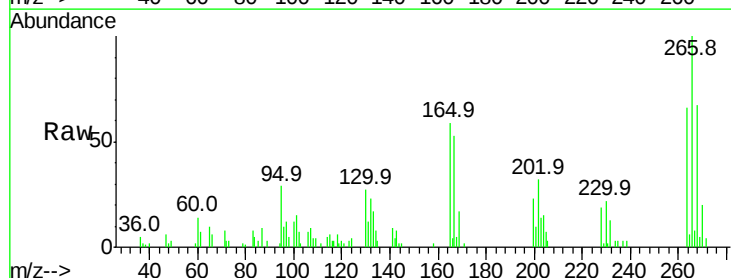
Tgt Ion:200 Resp: 5045

Ion Ratio Lower Upper

200 100

173 0.0 8.6 48.6#

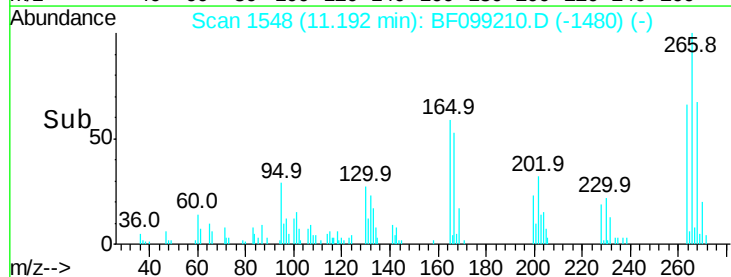
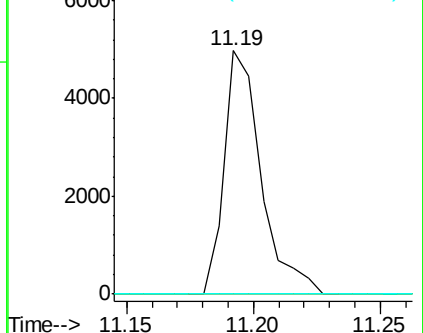
215 0.0 25.1 65.1#

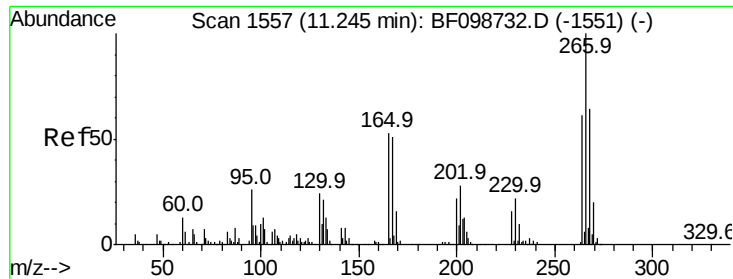


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

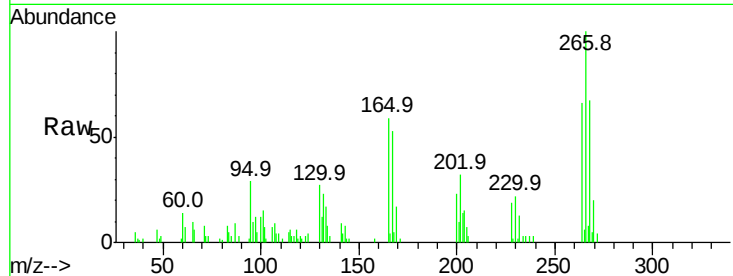




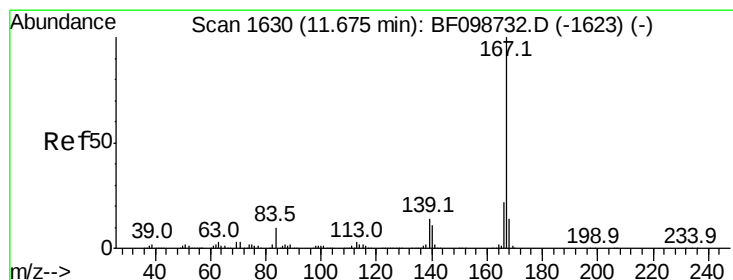
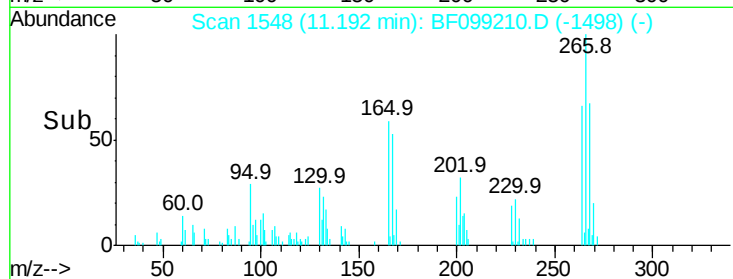
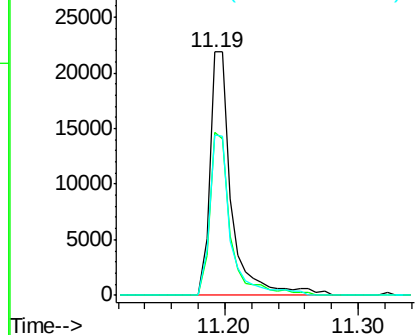
#69
 Pentachlorophenol
 Concen: 35868.977 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF099210.D
 Acq: 7 Oct 2017 23:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.1	76.7
264	65.7	49.5	74.3

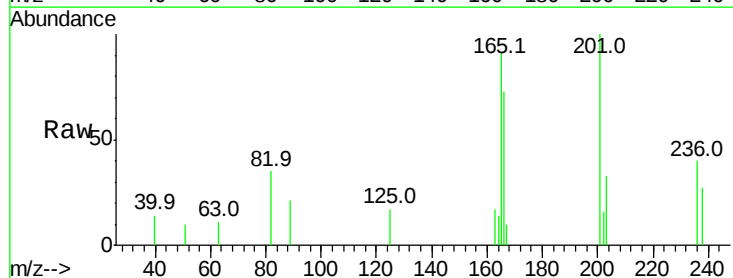


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

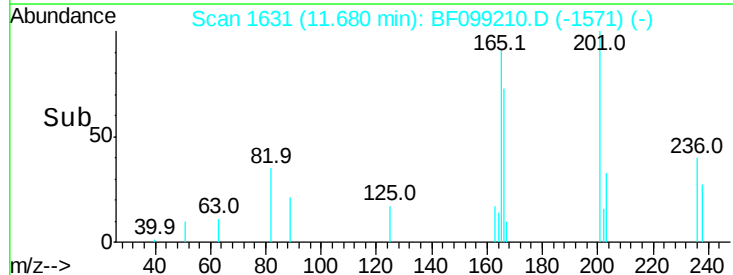
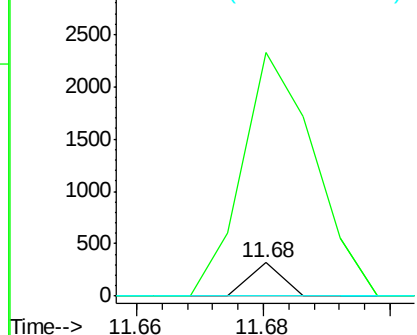


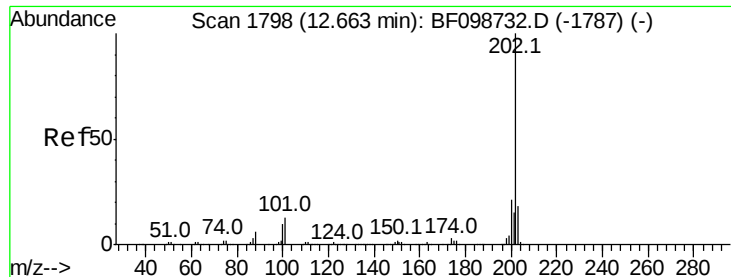
#72
 Carbazole
 Concen: 19.701 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. 0.05 min
 Lab File: BF099210.D
 Acq: 7 Oct 2017 23:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	731.4	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





#74

Fluoranthene

Concen: 62.136 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.23 min

Lab File: BF099210.D

Acq: 7 Oct 2017 23:38

Instrument :

BNA_F

ClientSampleId :

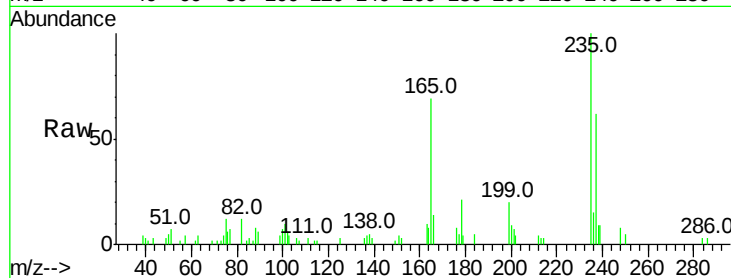
Tot Ion: 202 Resp: 357

Ion Ratio Lower Upper

202 100

101 256.0 0.0 34.1#

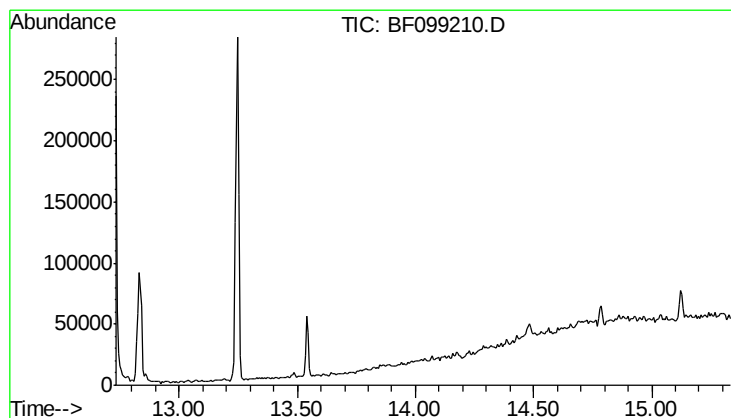
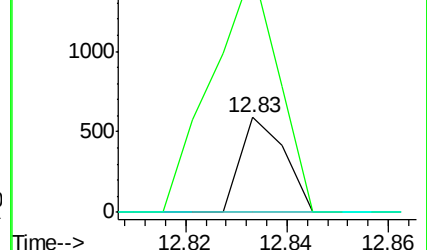
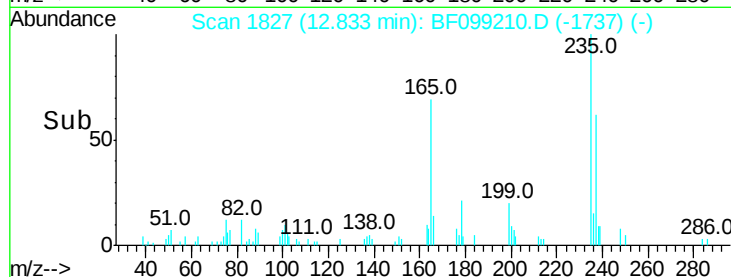
203 0.0 0.0 38.1



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



#75

Chrysene-d12

Concen: 0.000 ng

Expected RT: 14.03 min

Lab File: BF099210.D

Acq: 7 Oct 2017 23:38

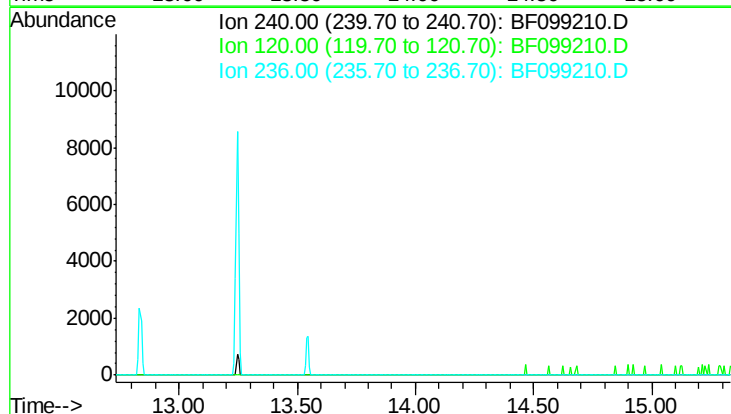
Tgt Ion: 240

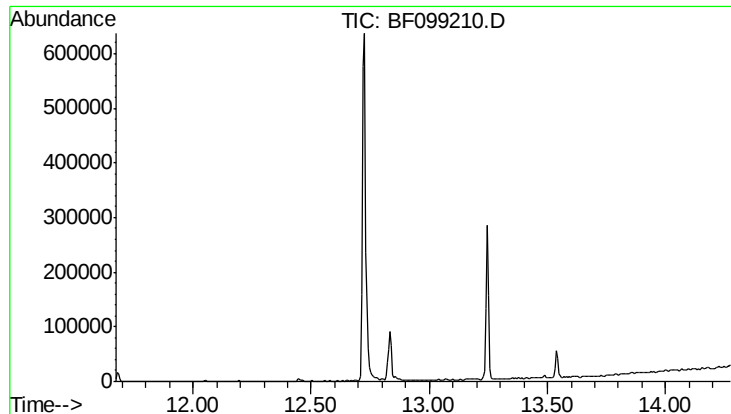
Sig Exp Ratio

240 100

120 11.9

236 25.9

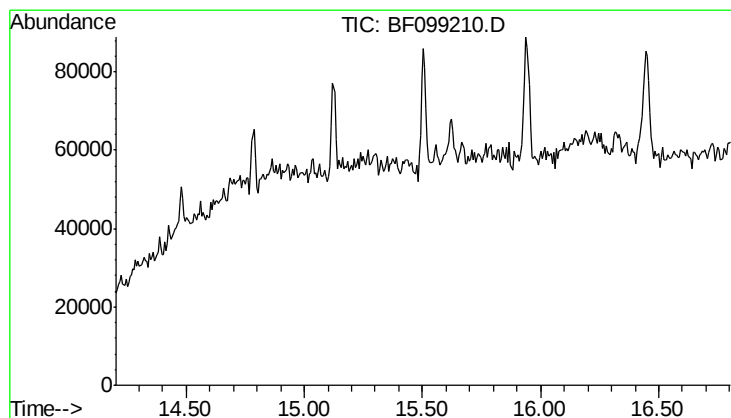
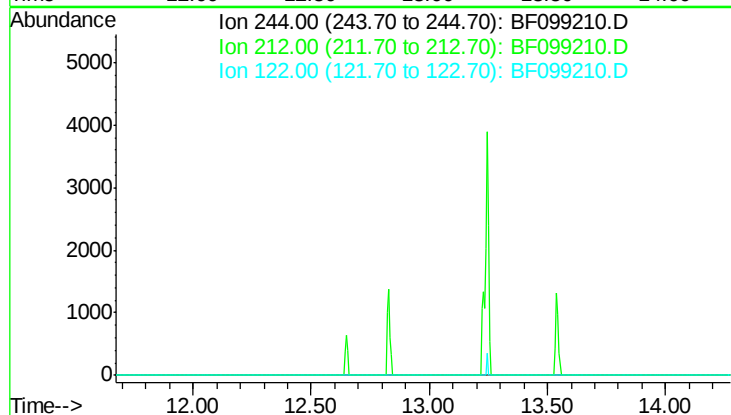




#78
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.97 min
 Lab File: BF099210.D
 Acq: 7 Oct 2017 23:38

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: 15.50 min
 Lab File: BF099210.D
 Acq: 7 Oct 2017 23:38

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

