

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092204.D
 Acq On : 12 Jan 2017 12:03
 Operator : UM/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 16:11:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

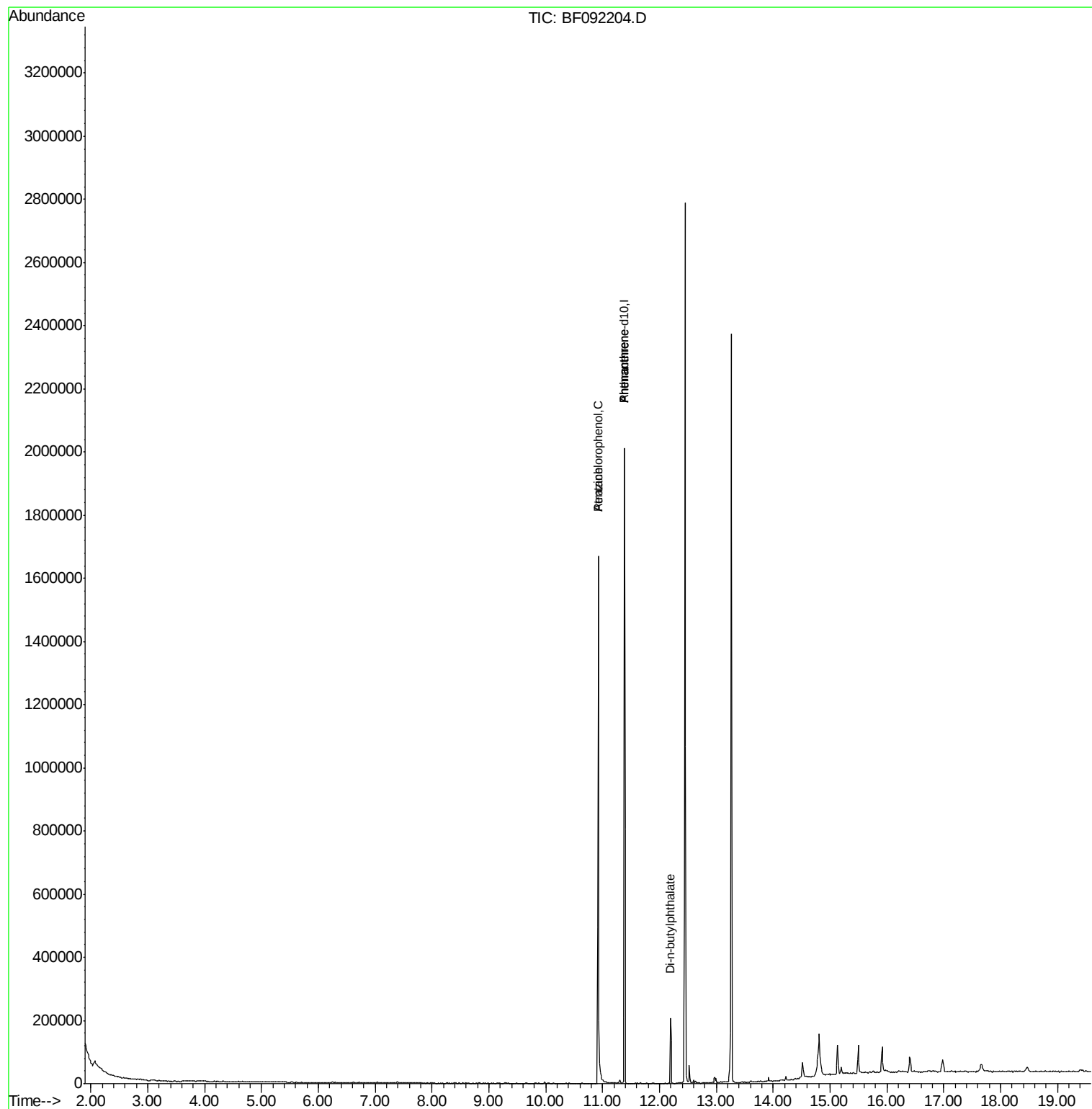
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.64
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.93
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.68
63) Phenanthrene-d10	11.39	188	611	20.00	ng	0.23
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.79
86) Perylene-d12	0.00	264	0	0.00	ng	-15.15
System Monitoring Compounds						
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						
68) Atrazine	10.93	200	41339	7068.43	ng	Qvalue # 36
69) Pentachlorophenol	10.93	266	190449	57132.21	ng	99
70) Phenanthrene	11.39	178	412	12.44	ng	# 1
71) Anthracene	11.39	178	412	10.79	ng	# 1
72) Carbazole	11.39	167	9775	Below Cal		# 75
73) Di-n-butylphthalate	12.20	149	304	6.14	ng	# 76

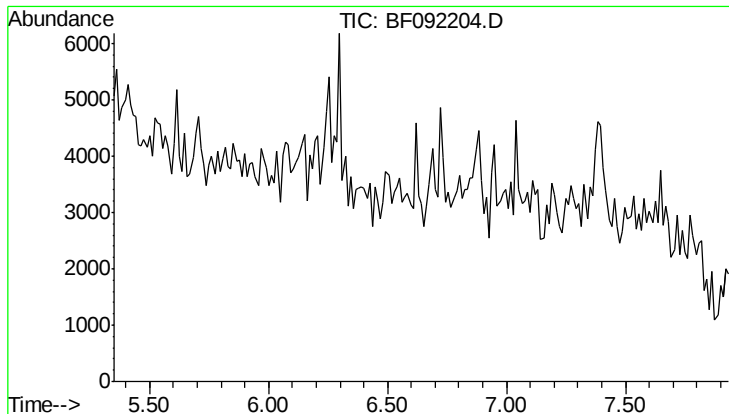
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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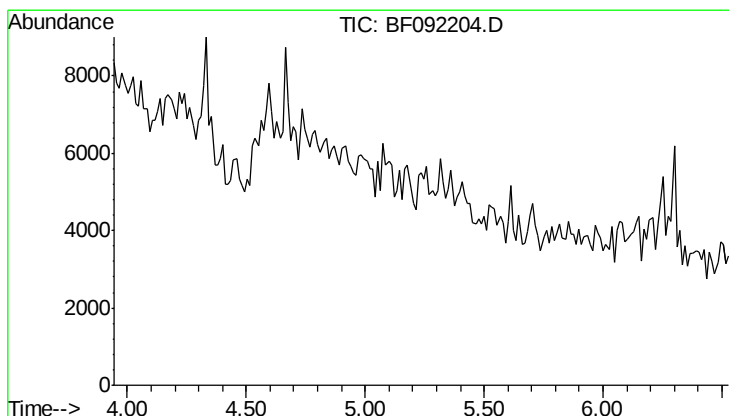
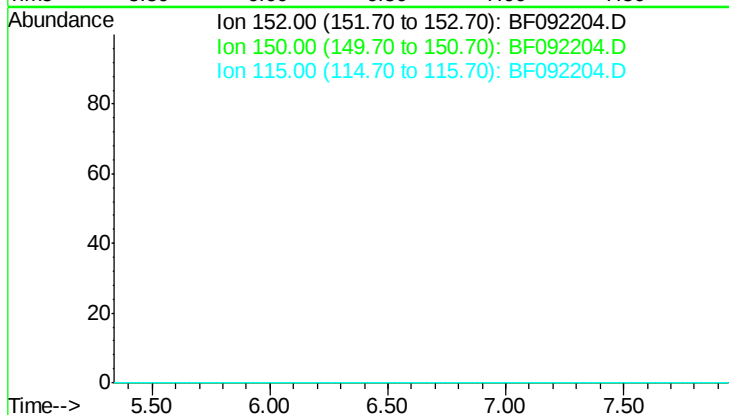




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.64 min
 Lab File: BF092204.D
 Acq: 12 Jan 2017 12:03

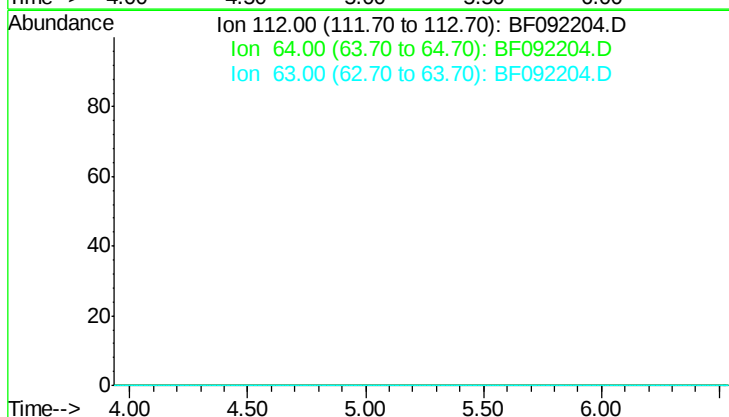
Instrument :
 BNA_F
 ClientSampleId :

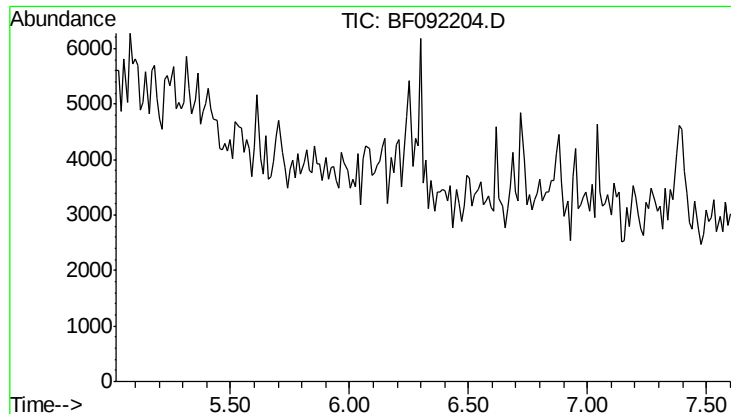
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 156.1
 115 57.5



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.24 min
 Lab File: BF092204.D
 Acq: 12 Jan 2017 12:03

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.6
 63 29.7

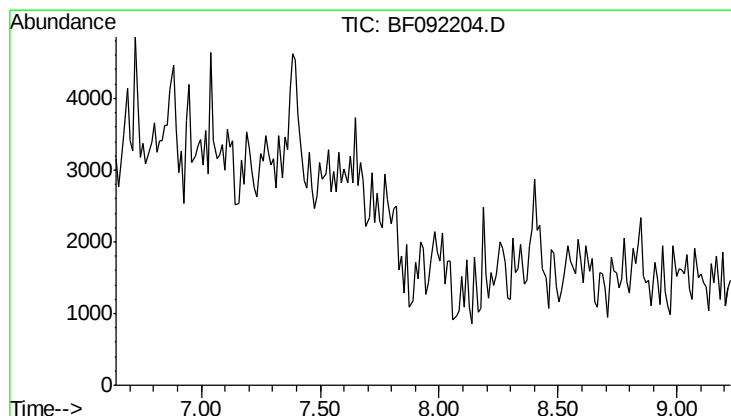
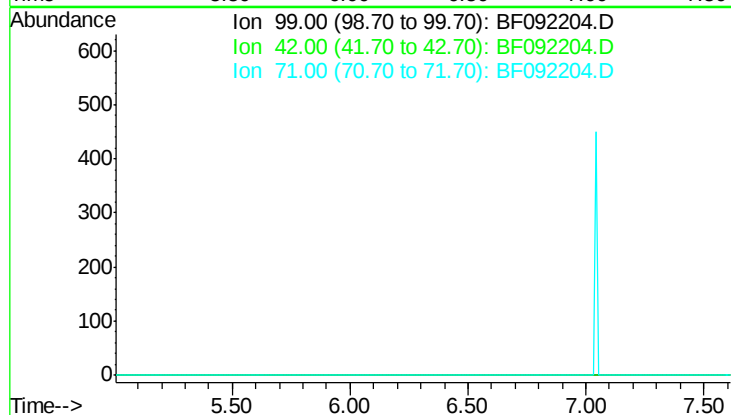




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.31 min
 Lab File: BF092204.D
 Acq: 12 Jan 2017 12:03

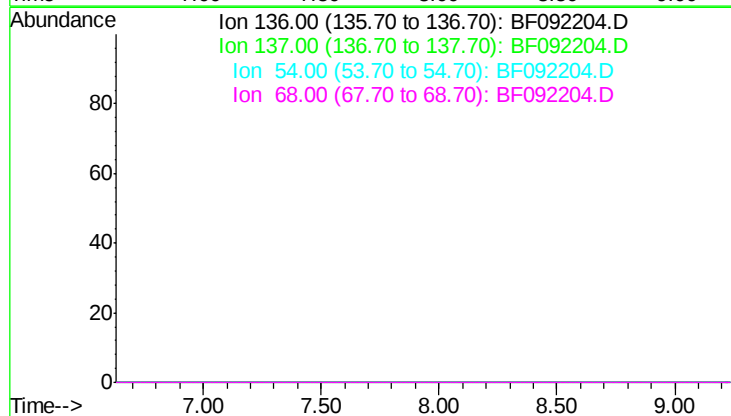
Instrument :
 BNA_F
 ClientSampleId :

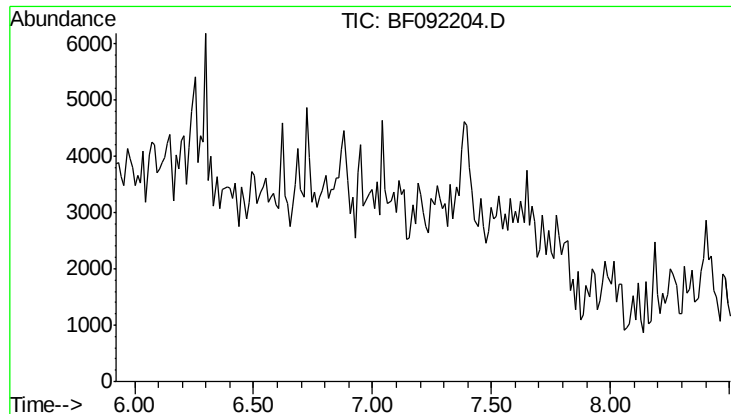
Tot Ion	99
Sig	Exp Ratio
99	100
42	19.5
71	34.4



#21
 Naphthalene-d8
 Concen: 0.00 ng
 Expected RT: 7.93 min
 Lab File: BF092204.D
 Acq: 12 Jan 2017 12:03

Tgt Ion	136
Sig	Exp Ratio
136	100
137	10.5
54	5.6
68	4.5

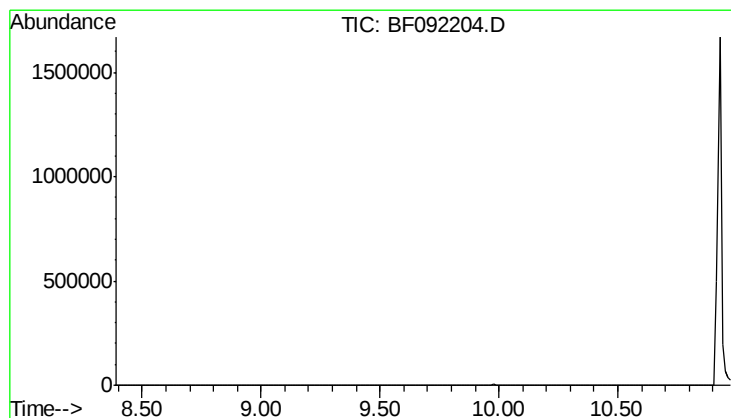
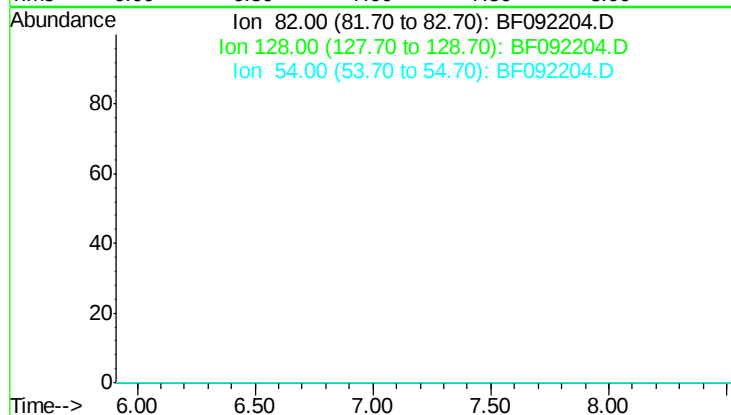




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.21 min
 Lab File: BF092204.D
 Acq: 12 Jan 2017 12:03

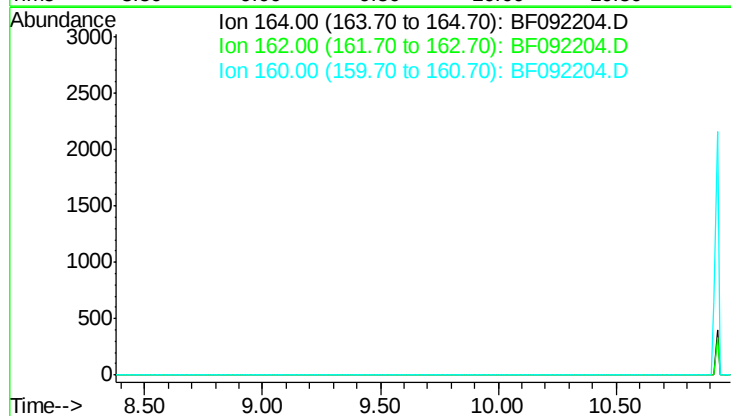
Instrument :
 BNA_F
 ClientSampleId :

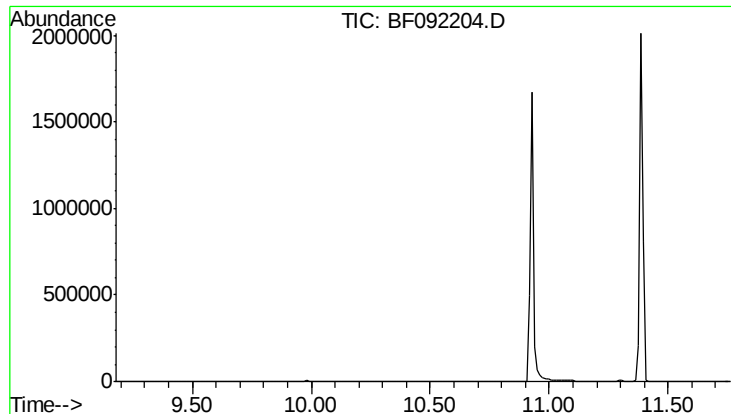
Tot Ion	82
Sig	Exp Ratio
82	100
128	43.3
54	49.4



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 9.68 min
 Lab File: BF092204.D
 Acq: 12 Jan 2017 12:03

Tgt Ion	164
Sig	Exp Ratio
164	100
162	100.2
160	46.1

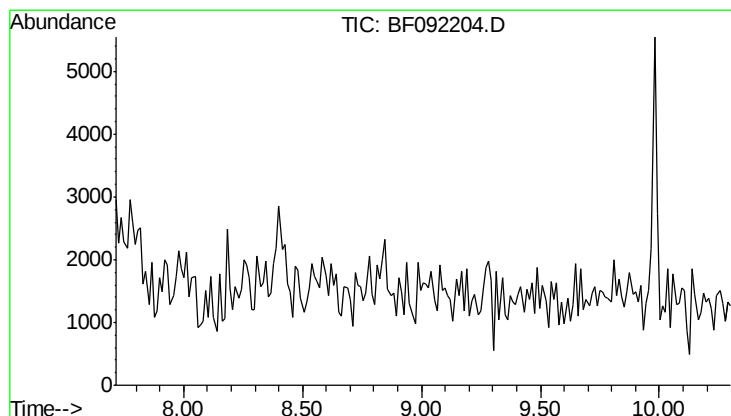
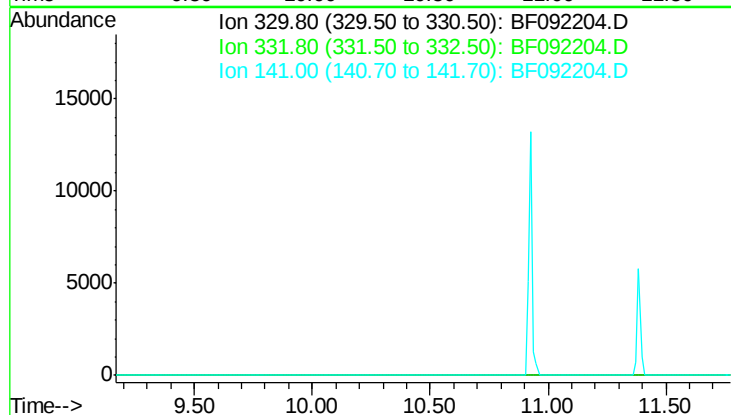




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.47 min
 Lab File: BF092204.D
 Acq: 12 Jan 2017 12:03

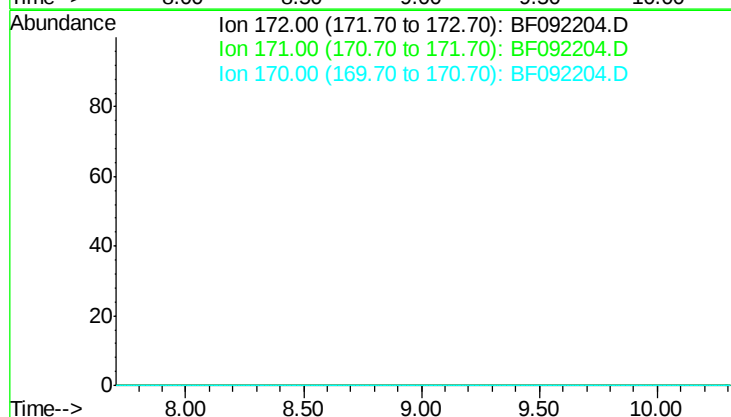
Instrument :
 BNA_F
 ClientSampleId :

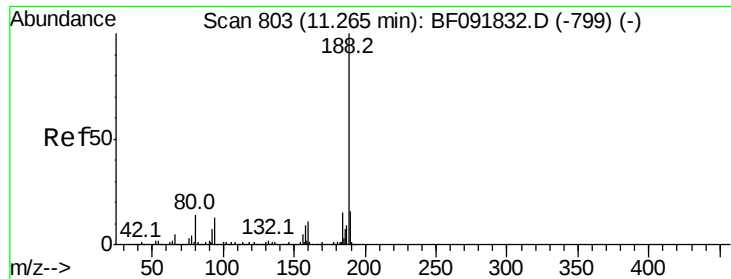
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 42.6



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.01 min
 Lab File: BF092204.D
 Acq: 12 Jan 2017 12:03

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.7
 170 25.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 831

Delta R.T. 0.23 min

Lab File: BF092204.D

Acq: 12 Jan 2017 12:03

Instrument :

BNA_F

ClientSampleId :

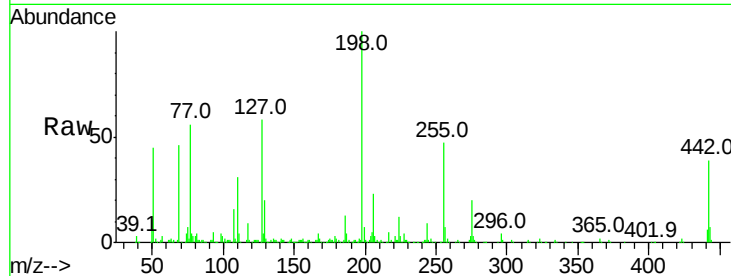
Tot Ion:188 Resp: 611

Ion Ratio Lower Upper

188 100

94 115.0 10.0 15.0#

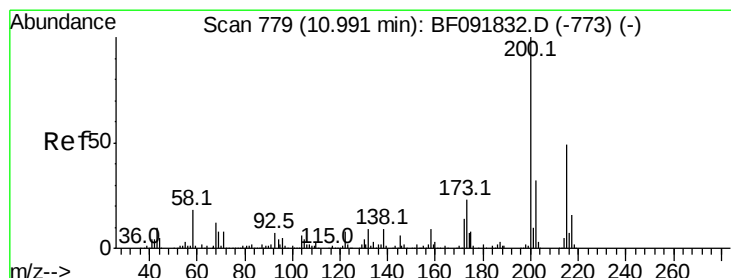
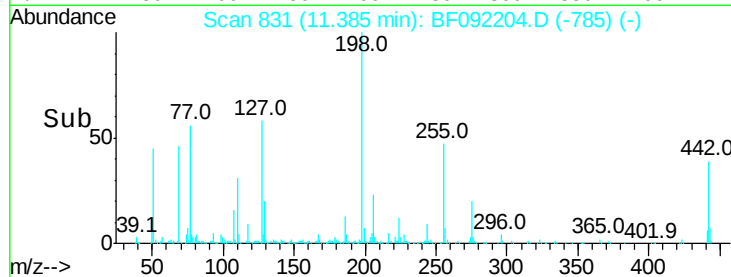
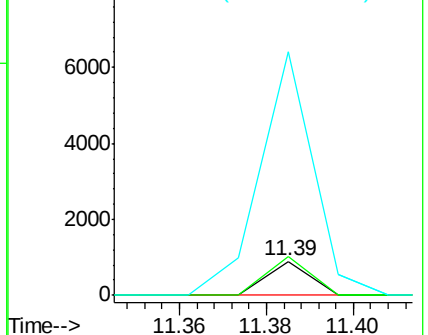
80 719.8 11.2 16.8#



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: 7068.43 ng

RT: 10.93 min Scan# 791

Delta R.T. 0.05 min

Lab File: BF092204.D

Acq: 12 Jan 2017 12:03

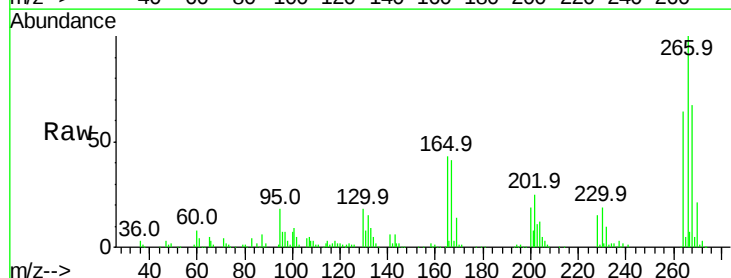
Tgt Ion:200 Resp: 41339

Ion Ratio Lower Upper

200 100

173 0.0 9.6 49.6#

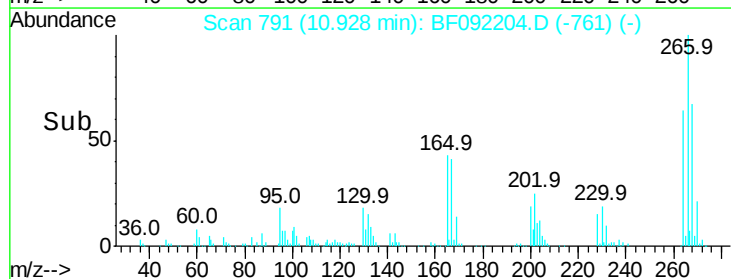
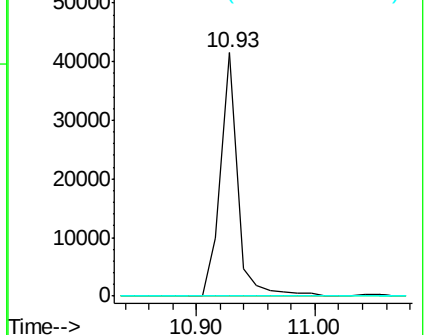
215 0.0 25.7 65.7#

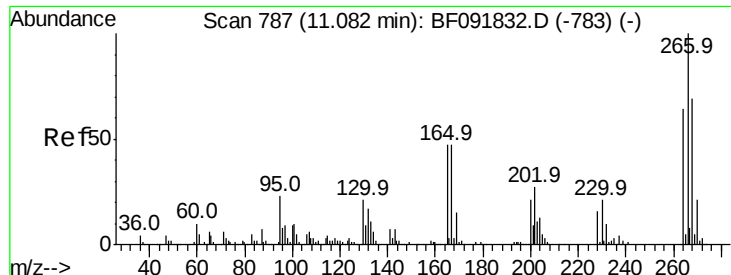


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

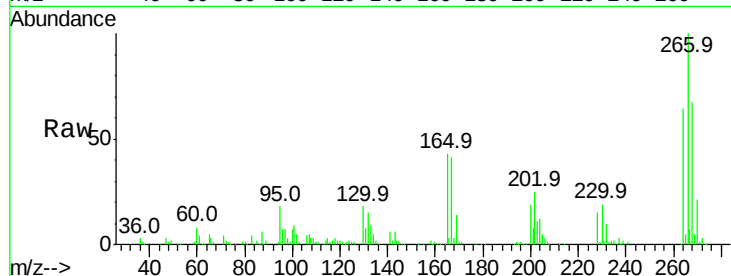




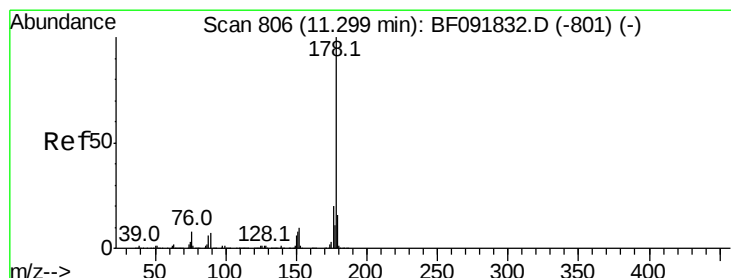
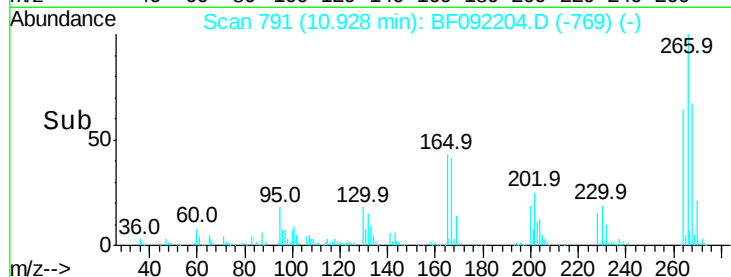
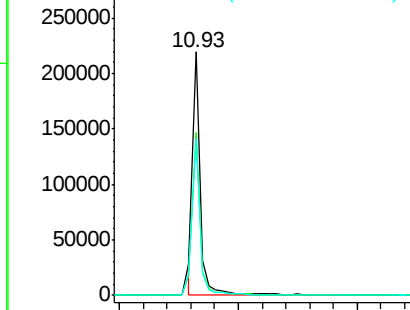
#69
 Pentachlorophenol
 Concen: 57132.21 ng
 RT: 10.93 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF092204.D
 Acq: 12 Jan 2017 12:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.3	79.9
264	64.1	50.3	75.5

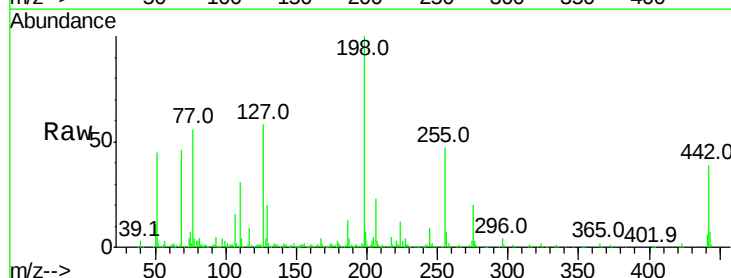


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

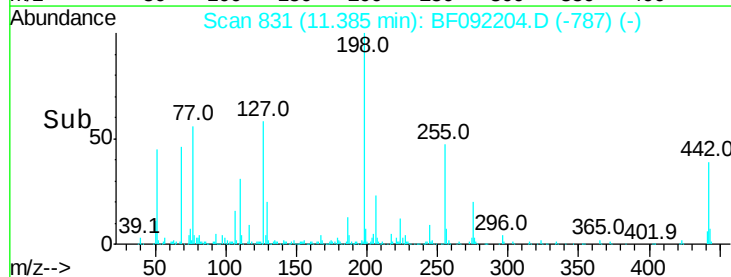
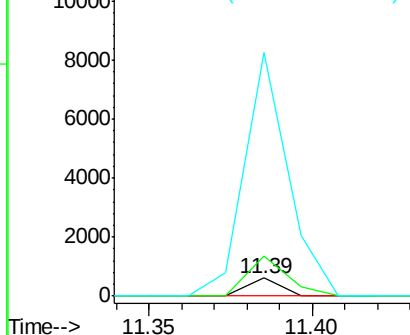


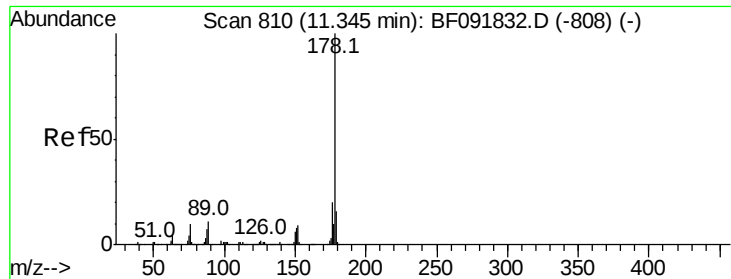
#70
 Phenanthrene
 Concen: 12.44 ng
 RT: 11.39 min Scan# 831
 Delta R.T. 0.21 min
 Lab File: BF092204.D
 Acq: 12 Jan 2017 12:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	223.0	16.6	25.0#
179	1373.0	12.8	19.2#



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





#71

Anthracene

Concen: 10.79 ng

RT: 11.39 min Scan# 831

Delta R.T. 0.15 min

Lab File: BF092204.D

Acq: 12 Jan 2017 12:03

Instrument :

BNA_F

ClientSampleId :

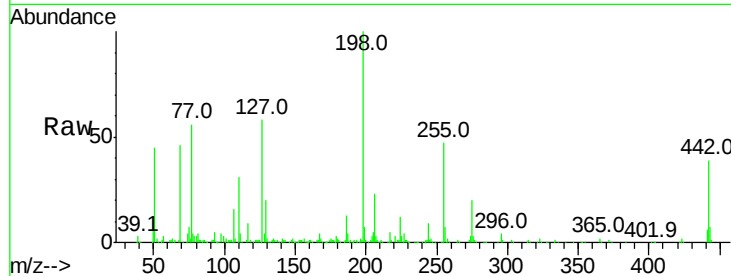
Tot Ion:178 Resp: 412

Ion Ratio Lower Upper

178 100

176 223.0 15.9 23.9#

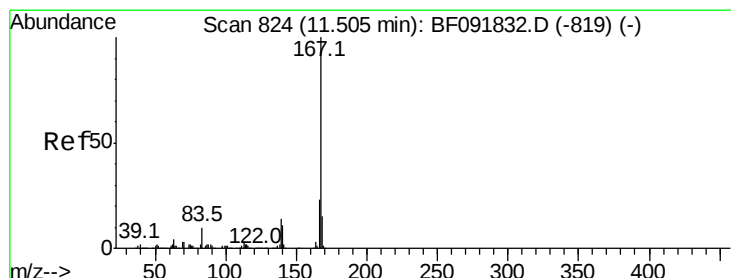
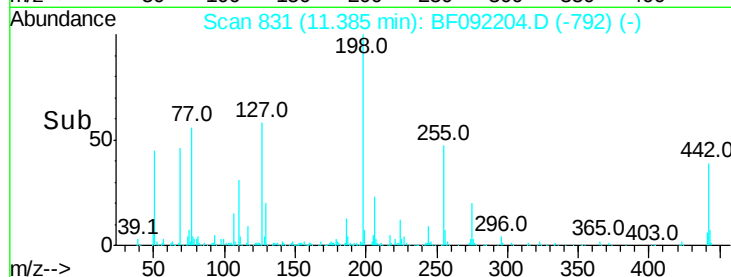
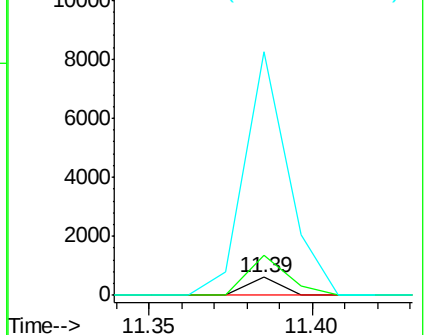
179 1373.0 13.2 19.8#



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

Carbazole

Concen: Below Cal

RT: 11.39 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF092204.D

Acq: 12 Jan 2017 12:03

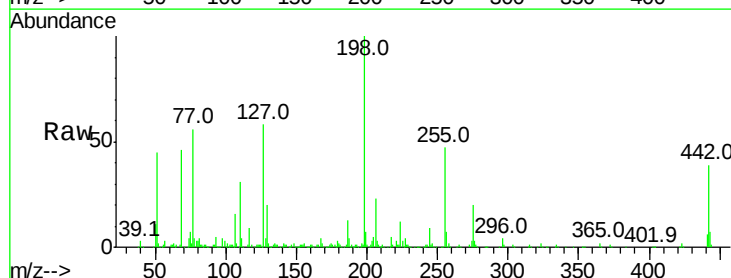
Tgt Ion:167 Resp: 9775

Ion Ratio Lower Upper

167 100

166 13.5 18.2 27.2#

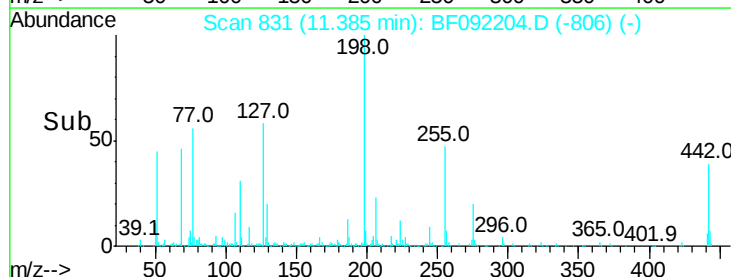
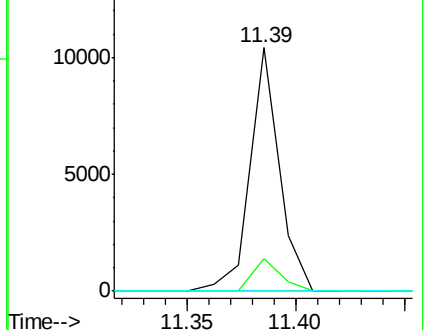
139 0.0 11.4 17.2#

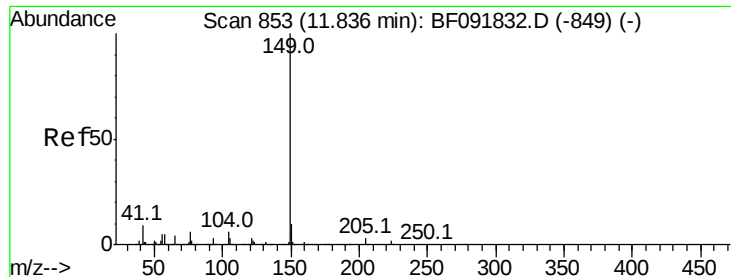


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 6.14 ng

RT: 12.20 min Scan# 902

Delta R.T. 0.47 min

Lab File: BF092204.D

Acq: 12 Jan 2017 12:03

Instrument :

BNA_F

ClientSampleId :

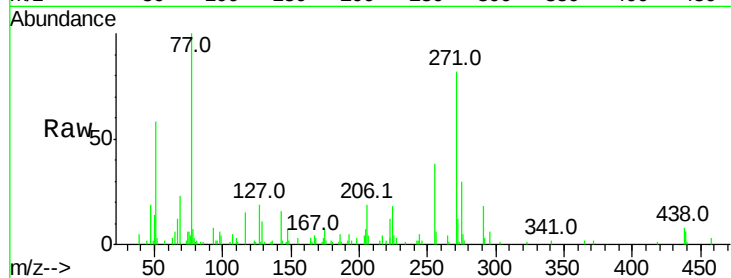
Tot Ion: 149 Resp: 304

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

104 0.0 4.6 7.0#



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

12.20

400

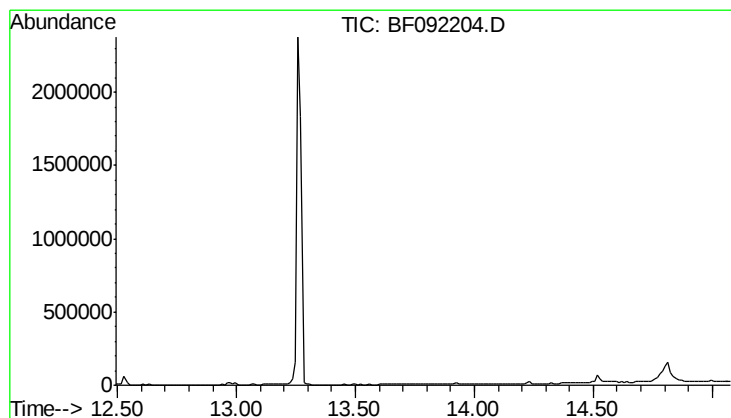
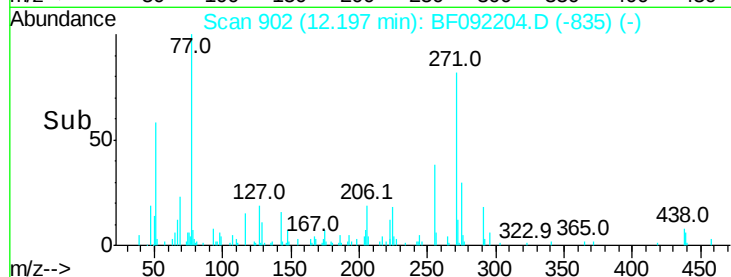
300

200

100

0

Time-->



#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 13.79 min

Lab File: BF092204.D

Acq: 12 Jan 2017 12:03

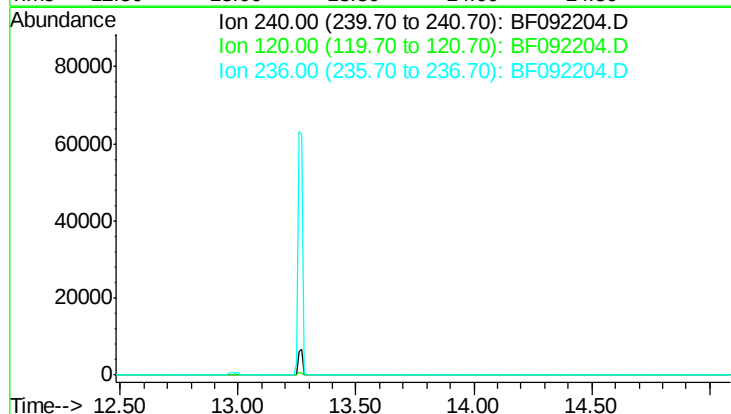
Tgt Ion: 240

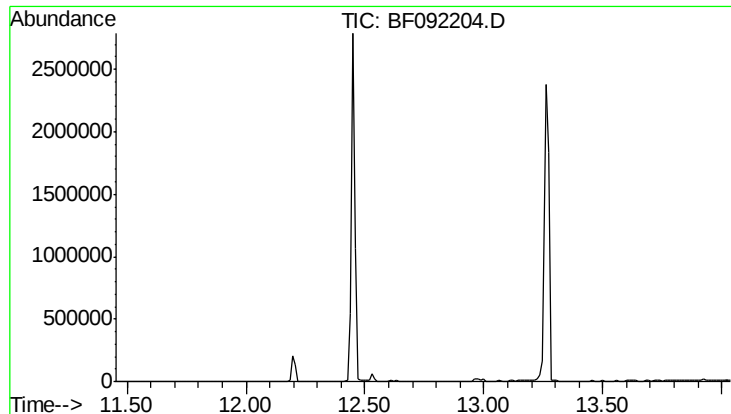
Sig Exp Ratio

240 100

120 16.1

236 26.1

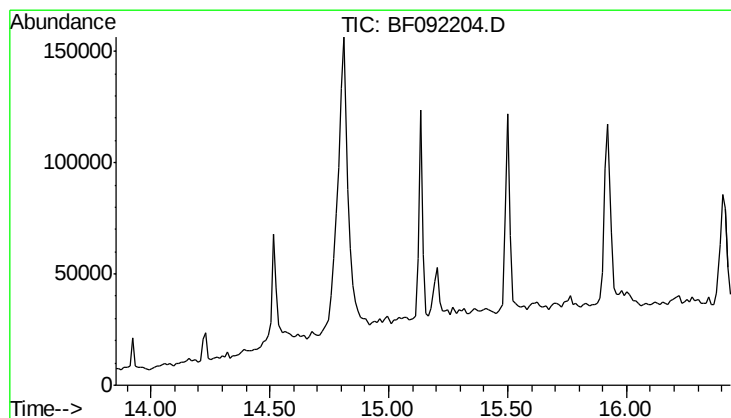
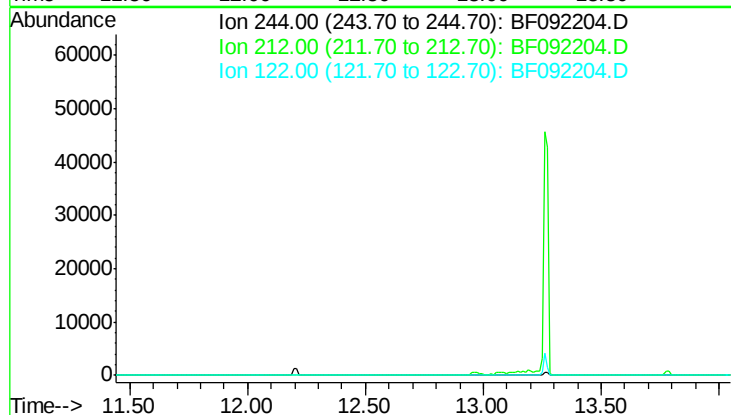




#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 12.74 min
 Lab File: BF092204.D
 Acq: 12 Jan 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	244
Sig	Exp Ratio
244	100
212	7.7
122	14.3



#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 15.15 min
 Lab File: BF092204.D
 Acq: 12 Jan 2017 12:03

Tgt Ion	264
Sig	Exp Ratio
264	100
260	24.0
265	21.7

