

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
 Data File : BF088039.D
 Acq On : 15 Jun 2016 16:13
 Operator : UM/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 11:35:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

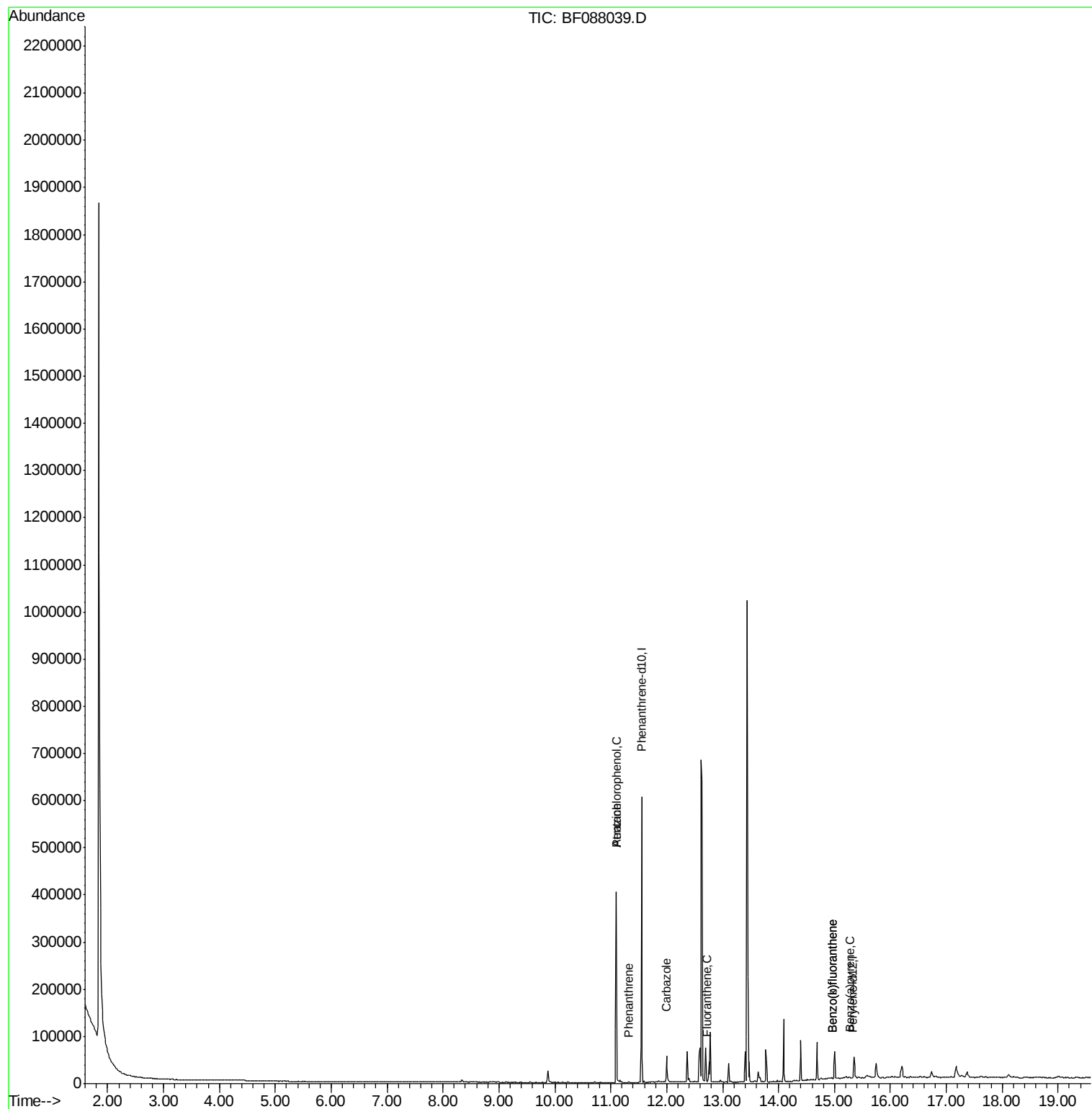
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.79
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.08
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.84
63) Phenanthrene-d10	11.55	188	224	20.00	ng	0.24
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.95
86) Perylene-d12	15.33	264	1110	20.00	ng	-0.03
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	12.87	244	453	0.00	ng	-0.03
Target Compounds						
68) Atrazine	11.10	200	8871	3941.37	ng	# 36
69) Pentachlorophenol	11.10	266	52910	40199.66	ng	# 97
70) Phenanthrene	11.31	178	333	28.33	ng	# 59
72) Carbazole	12.00	167	20502	1847.80	ng	# 63
74) Fluoranthene	12.72	202	503	40.55	ng	# 62
87) Benzo(b)fluoranthene	14.96	252	3017	39.00	ng	# 89
88) Benzo(k)fluoranthene	14.96	252	3017	51.70	ng	# 84
89) Benzo(a)pyrene	15.27	252	1252	20.00	ng	# 57

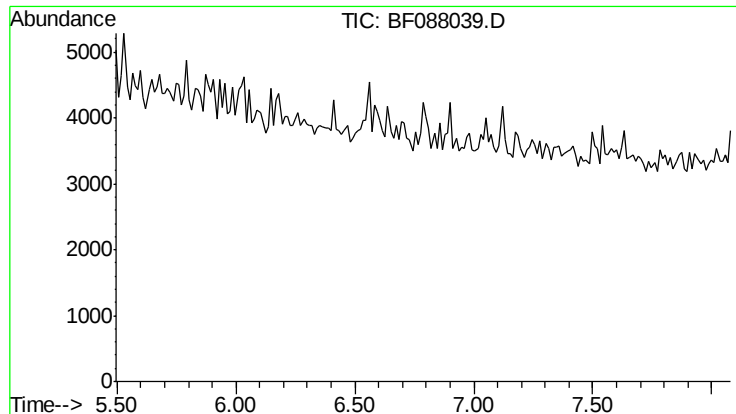
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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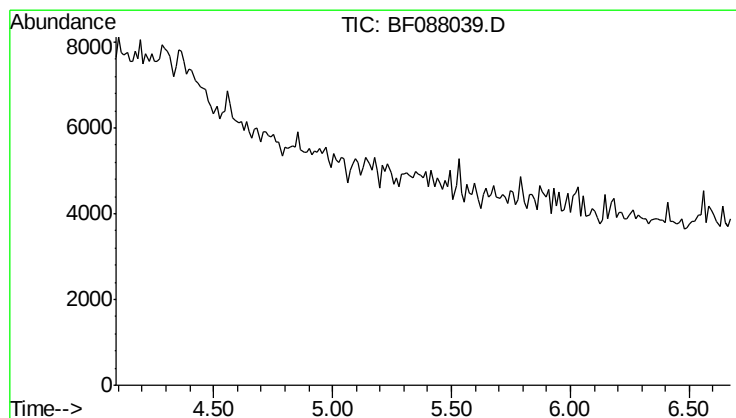
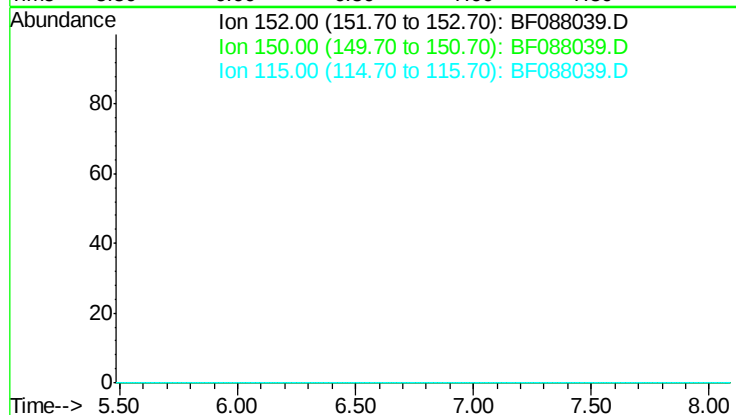




#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 6.79 min
Lab File: BF088039.D
Acq: 15 Jun 2016 16:13

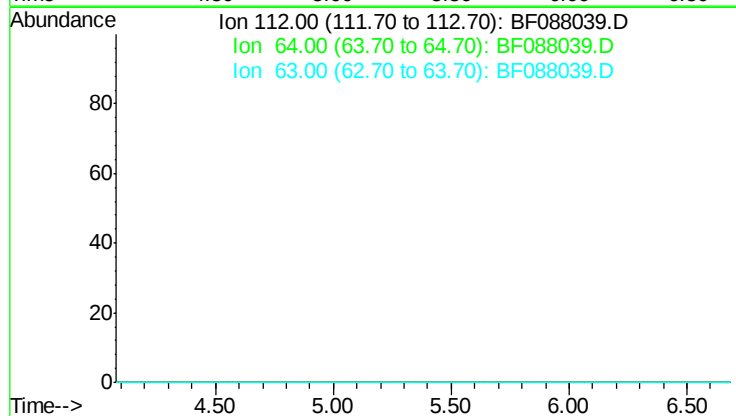
Instrument :
BNA_F
ClientSampleId :

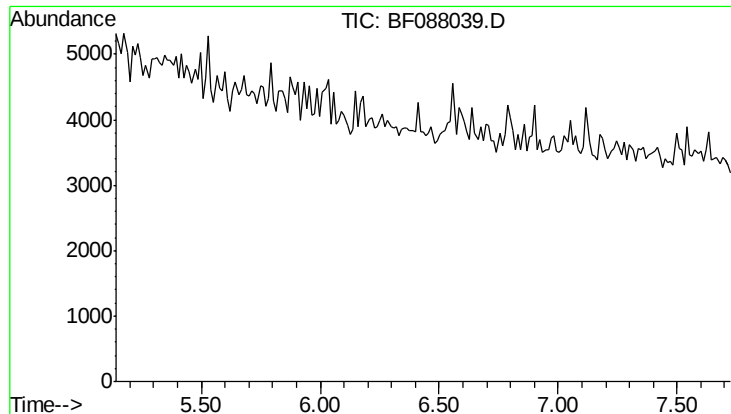
Tot Ion	152
Sig	Exp Ratio
152	100
150	154.7
115	49.5



#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.38 min
Lab File: BF088039.D
Acq: 15 Jun 2016 16:13

Tgt Ion	112
Sig	Exp Ratio
112	100
64	52.7
63	27.3





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.43 min

Lab File: BF088039.D

Acq: 15 Jun 2016 16:13

Instrument :

BNA_F

ClientSampleId :

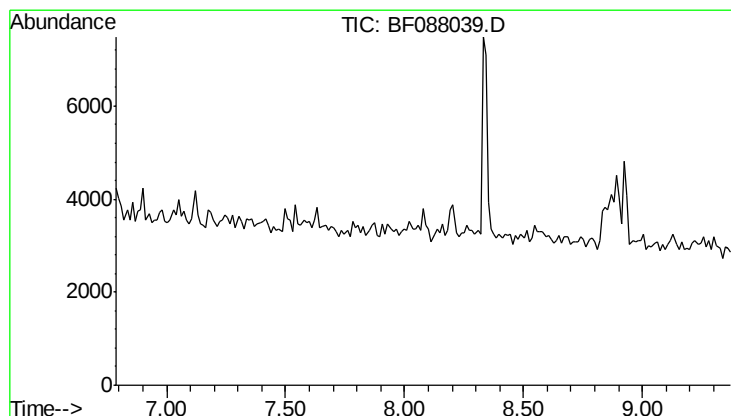
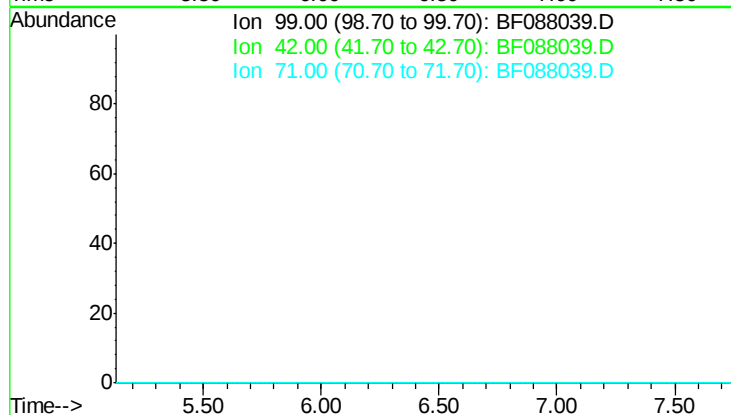
Tot Ion: 99

Sig Exp Ratio

99 100

42 15.2

71 29.2



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.08 min

Lab File: BF088039.D

Acq: 15 Jun 2016 16:13

Tgt Ion: 136

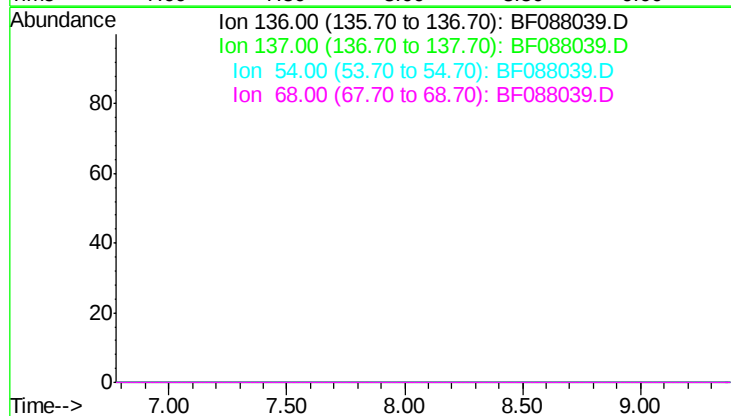
Sig Exp Ratio

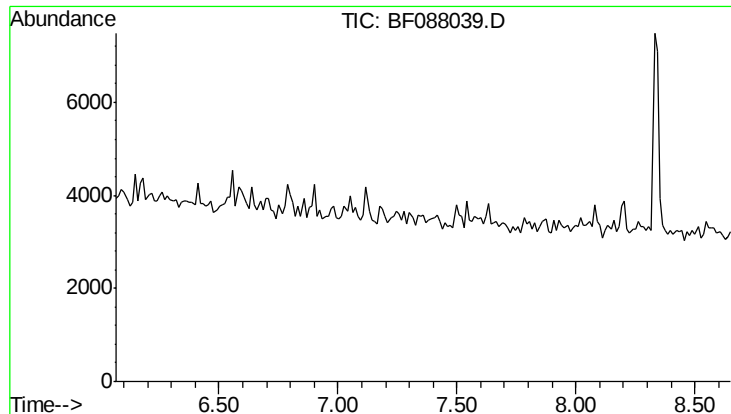
136 100

137 11.4

54 8.3

68 6.4

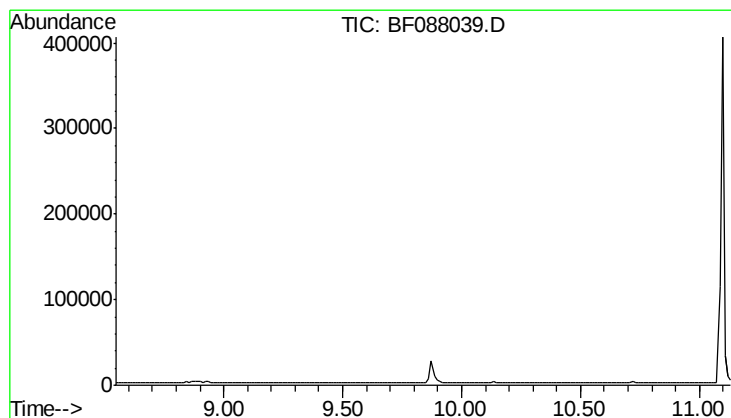
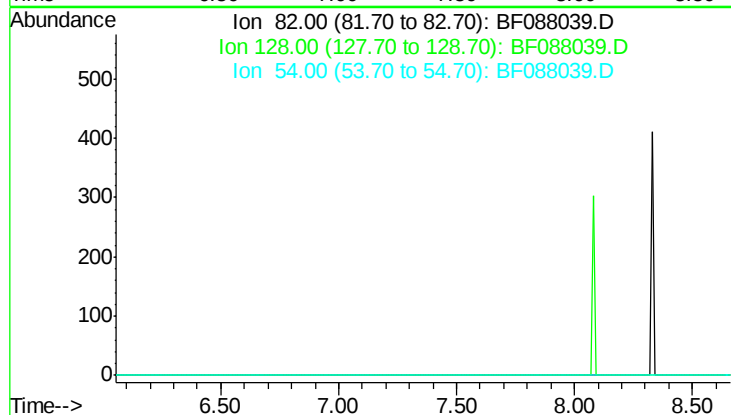




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.36 min
 Lab File: BF088039.D
 Acq: 15 Jun 2016 16:13

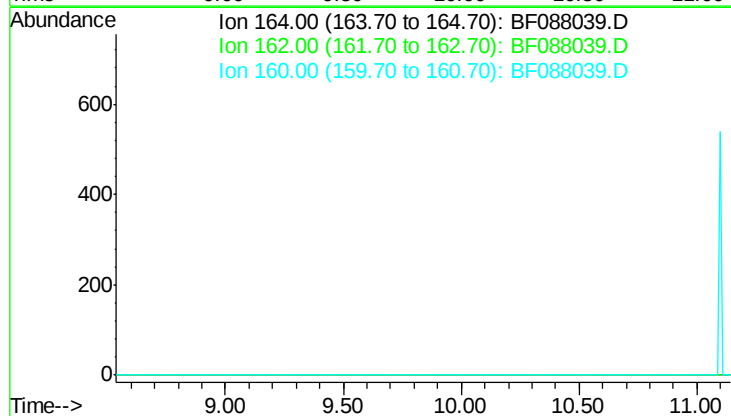
Instrument :
 BNA_F
 ClientSampleId :

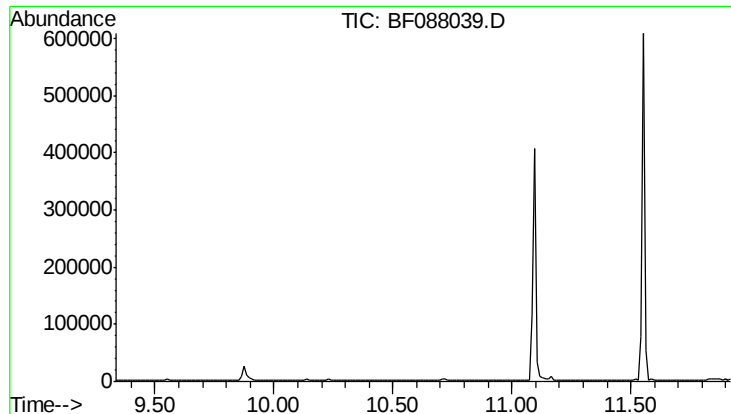
Tot Ion	82
Sig	Exp Ratio
82	100
128	44.9
54	51.1



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 9.84 min
 Lab File: BF088039.D
 Acq: 15 Jun 2016 16:13

Tgt Ion	164
Sig	Exp Ratio
164	100
162	106.8
160	49.4





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.63 min

Lab File: BF088039.D

Acq: 15 Jun 2016 16:13

Instrument :

BNA_F

ClientSampleId :

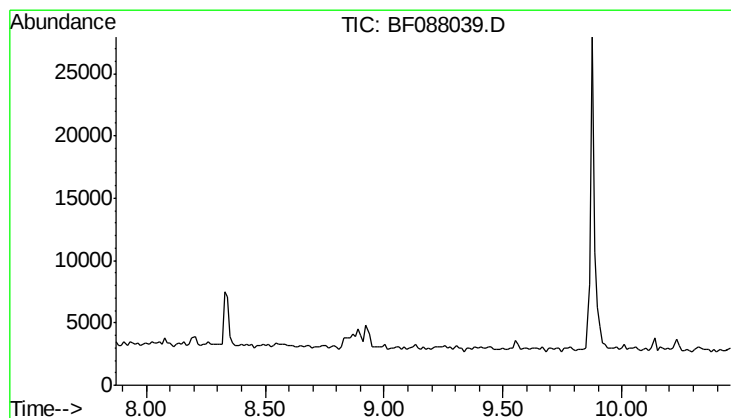
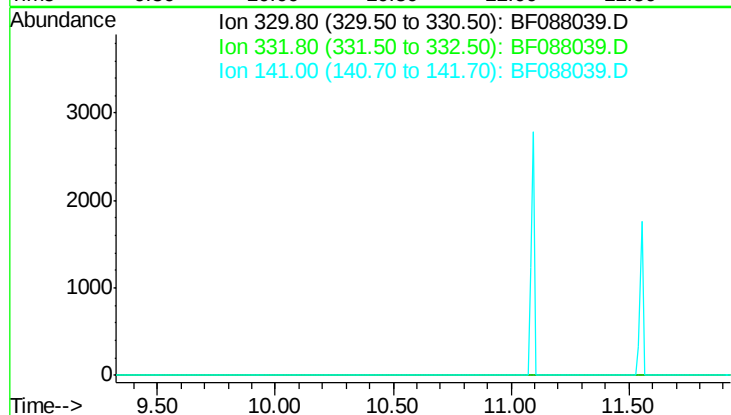
Tot Ion: 330

Sig Exp Ratio

330 100

332 0.0

141 0.0



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 9.16 min

Lab File: BF088039.D

Acq: 15 Jun 2016 16:13

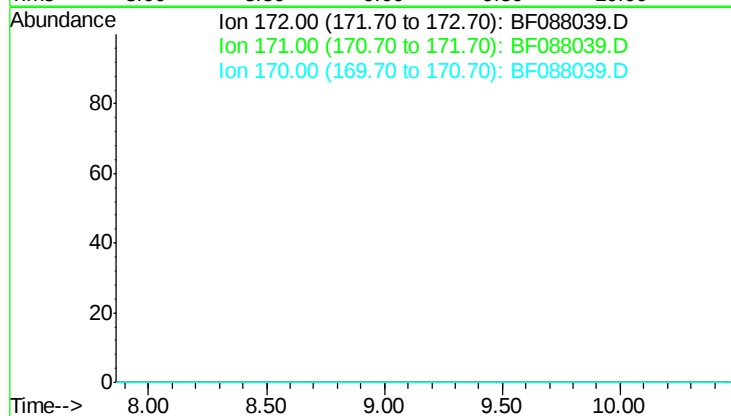
Tgt Ion: 172

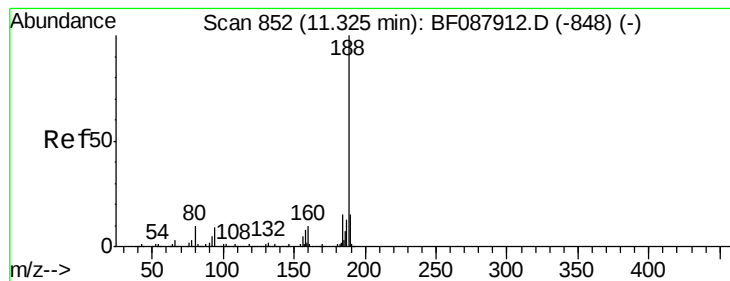
Sig Exp Ratio

172 100

171 35.8

170 24.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.55 min Scan# 872

Delta R.T. 0.24 min

Lab File: BF088039.D

Acq: 15 Jun 2016 16:13

Instrument :

BNA_F

ClientSampleId :

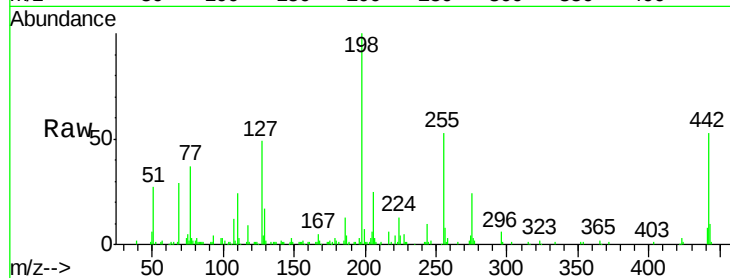
Tot Ion:188 Resp: 224

Ion Ratio Lower Upper

188 100

94 0.0 9.0 13.6#

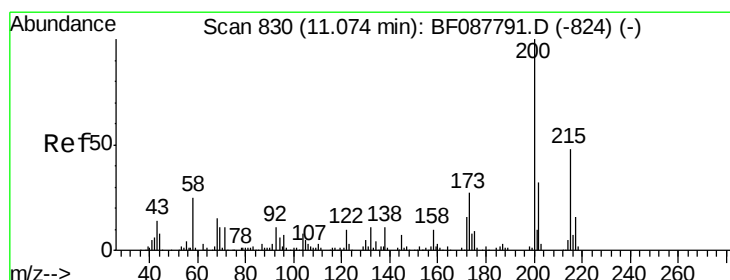
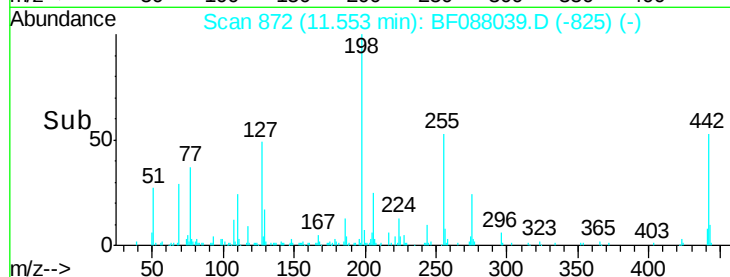
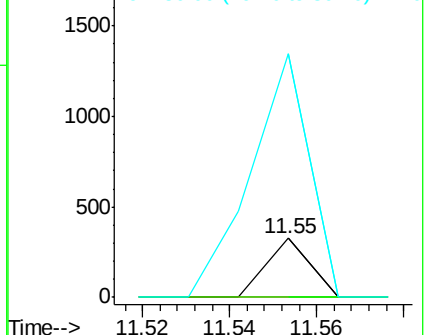
80 411.6 10.0 15.0#



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: 3941.37 ng

RT: 11.10 min Scan# 832

Delta R.T. 0.07 min

Lab File: BF088039.D

Acq: 15 Jun 2016 16:13

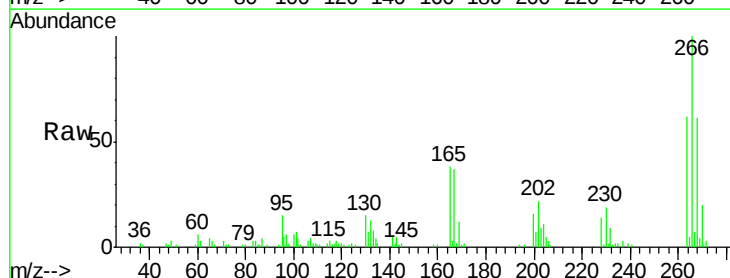
Tgt Ion:200 Resp: 8871

Ion Ratio Lower Upper

200 100

173 0.0 4.0 44.0#

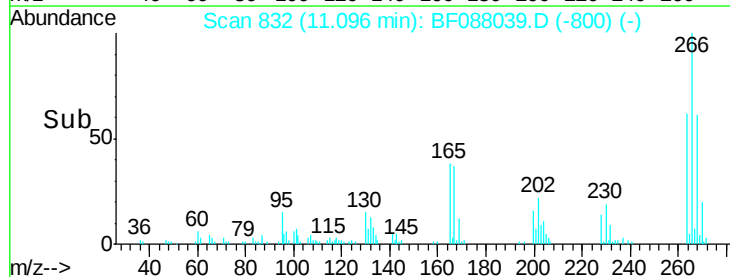
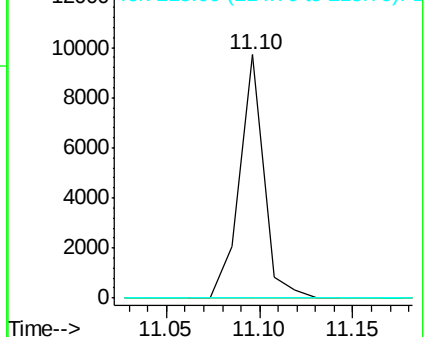
215 0.0 29.3 69.3#

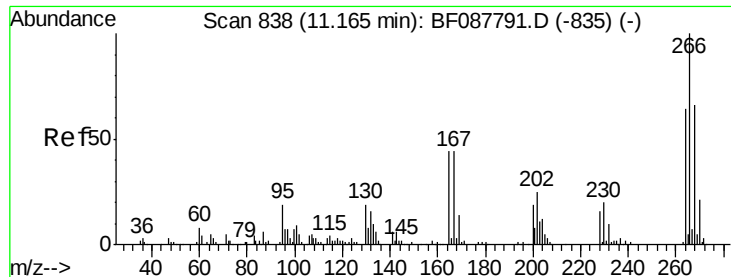


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

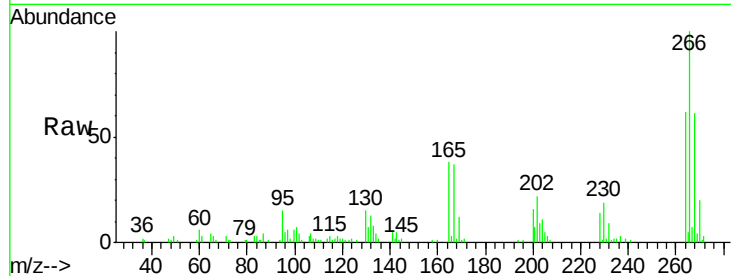




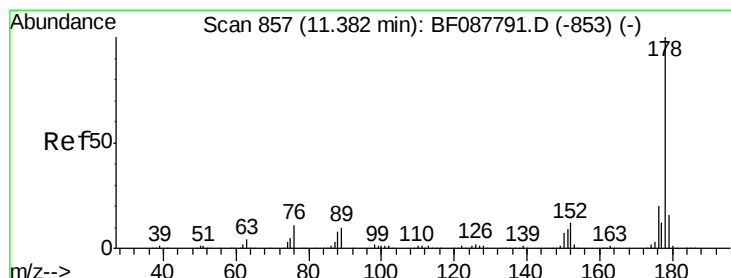
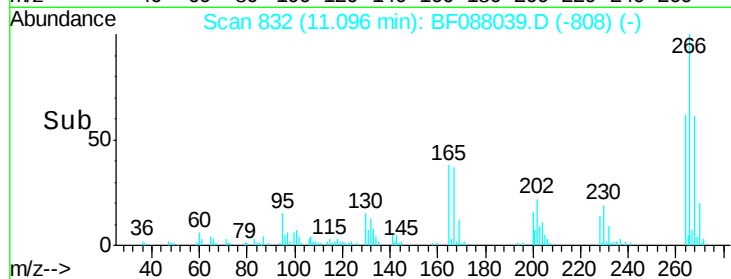
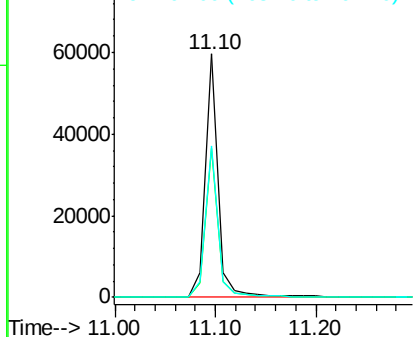
#69
 Pentachlorophenol
 Concen: 40199.66 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF088039.D
 Acq: 15 Jun 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 52910
 Ion Ratio Lower Upper
 266 100
 268 61.4 52.8 79.2
 264 62.0 49.6 74.4

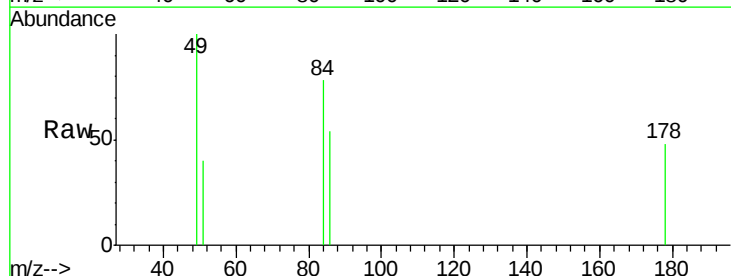


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

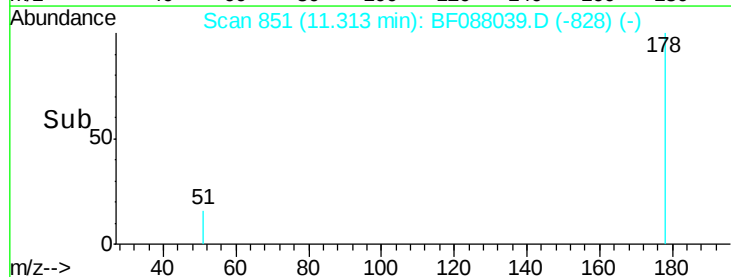
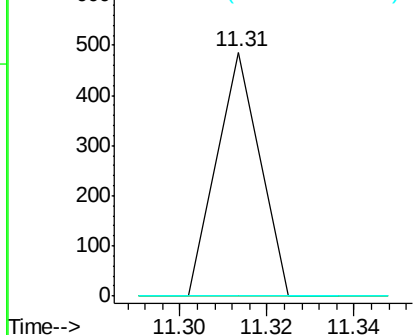


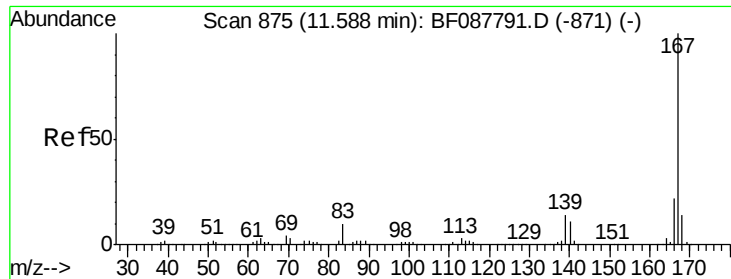
#70
 Phenanthrene
 Concen: 28.33 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.03 min
 Lab File: BF088039.D
 Acq: 15 Jun 2016 16:13

Tgt Ion:178 Resp: 333
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.6#
 179 0.0 13.0 19.4#



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

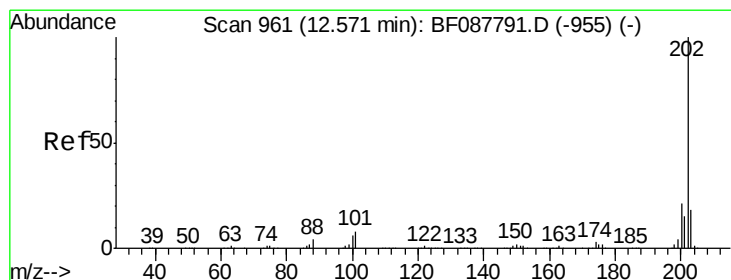
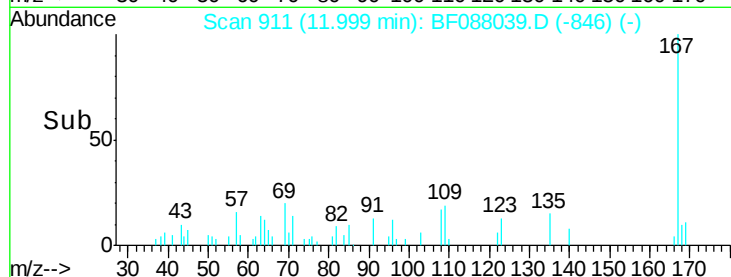
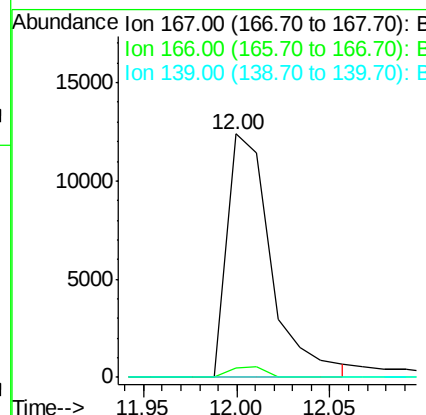
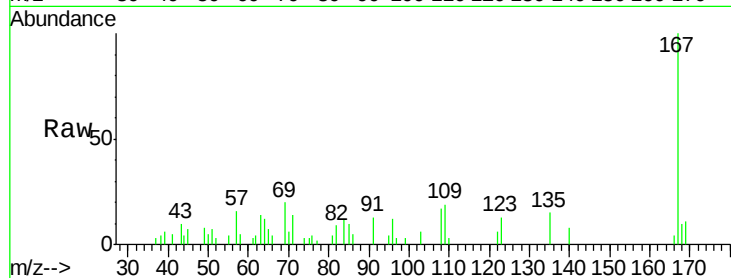




#72
 Carbazole
 Concen: 1847.80 ng
 RT: 12.00 min Scan# 911
 Delta R.T. 0.45 min
 Lab File: BF088039.D
 Acq: 15 Jun 2016 16:13

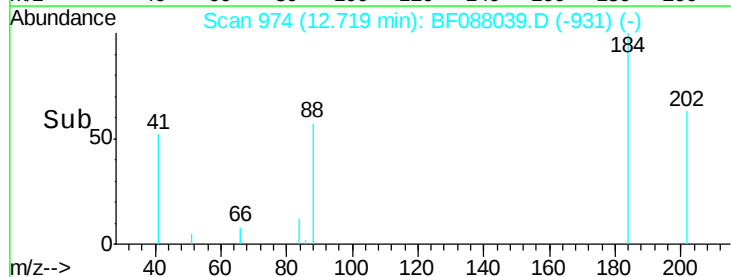
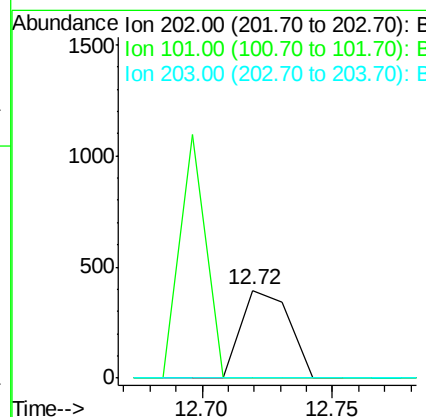
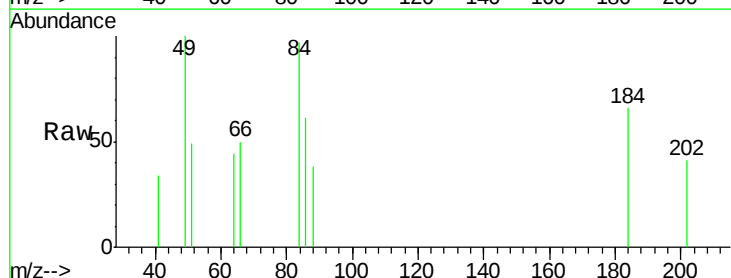
Instrument :
 BNA_F
 ClientSampleId :

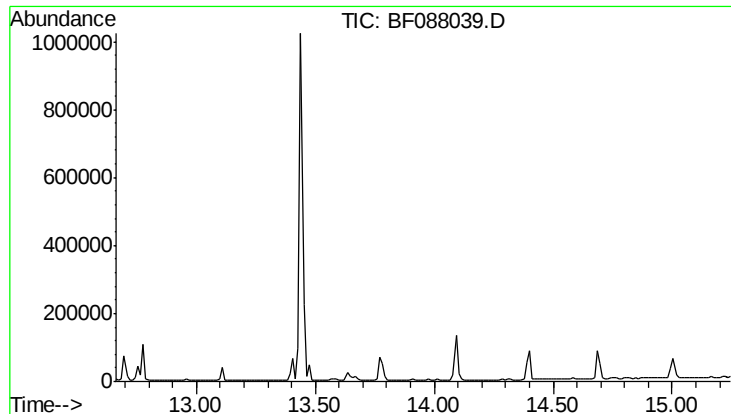
Tot Ion:167 Resp: 20502
 Ion Ratio Lower Upper
 167 100
 166 4.1 17.8 26.6#
 139 0.0 11.2 16.8#



#74
 Fluoranthene
 Concen: 40.55 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.19 min
 Lab File: BF088039.D
 Acq: 15 Jun 2016 16:13

Tgt Ion:202 Resp: 503
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 33.1
 203 0.0 0.0 38.1





#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 13.95 min

Lab File: BF088039.D

Acq: 15 Jun 2016 16:13

Tot Ion: 240

Sig Exp Ratio

240 100

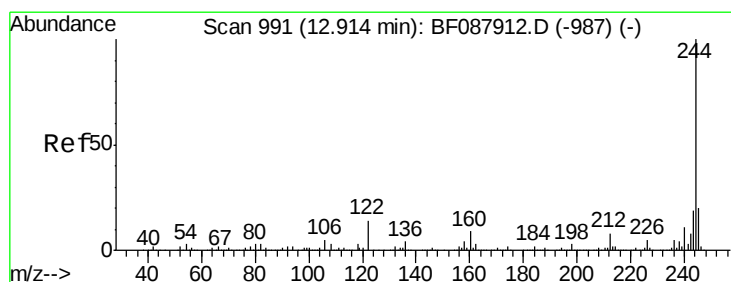
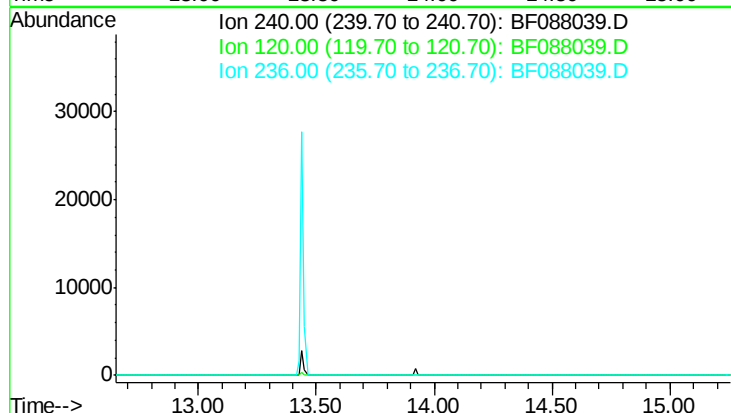
120 8.5

236 25.2

Instrument :

BNA_F

ClientSampleId :



#78

Terphenyl-d14

Concen: 0.00 ng

RT: 12.87 min Scan# 987

Delta R.T. -0.03 min

Lab File: BF088039.D

Acq: 15 Jun 2016 16:13

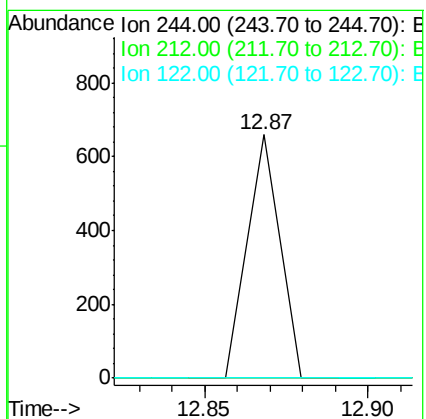
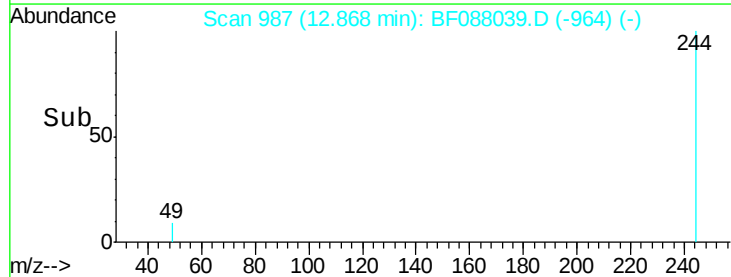
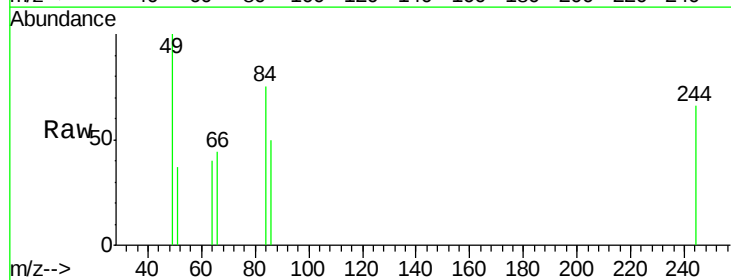
Tgt Ion:244 Resp: 453

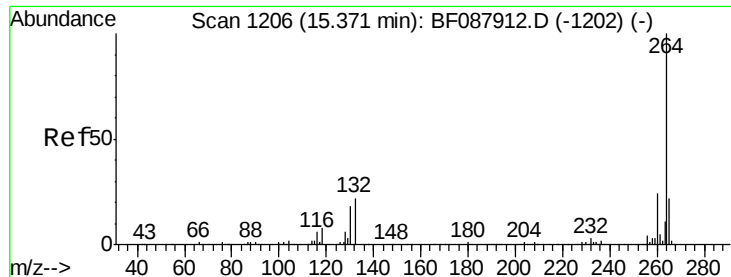
Ion Ratio Lower Upper

244 100

212 0.0 6.0 9.0#

122 0.0 11.2 16.8#

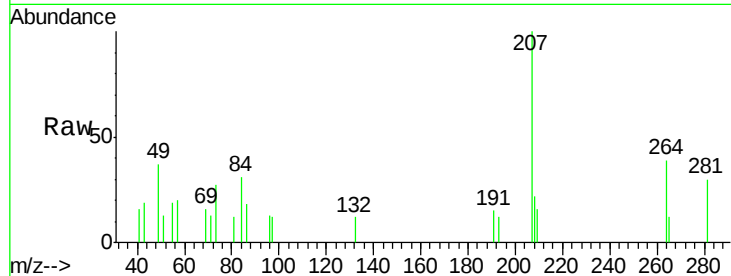




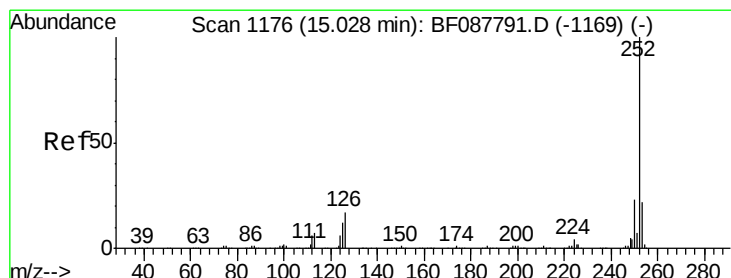
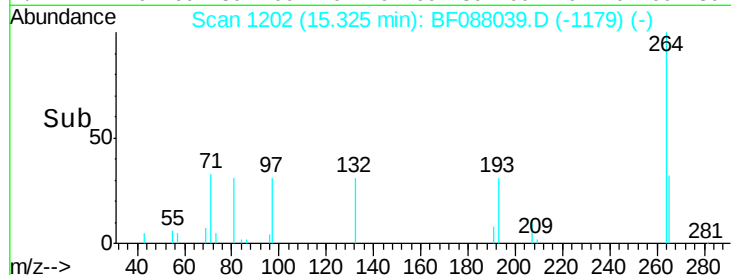
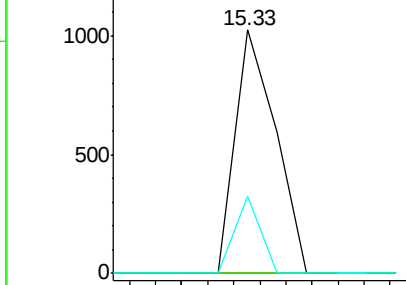
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.03 min
Lab File: BF088039.D
Acq: 15 Jun 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1110
Ion Ratio Lower Upper
264 100
260 0.0 19.2 28.8#
265 31.7 16.9 25.3#

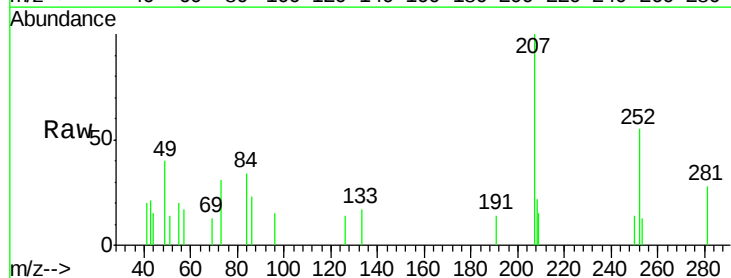


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

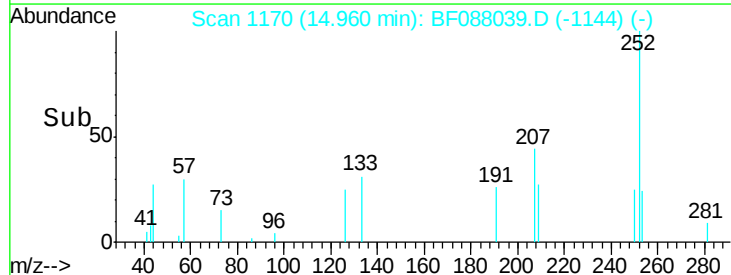
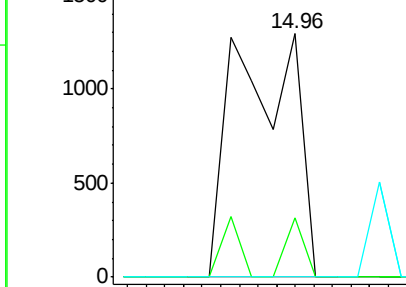


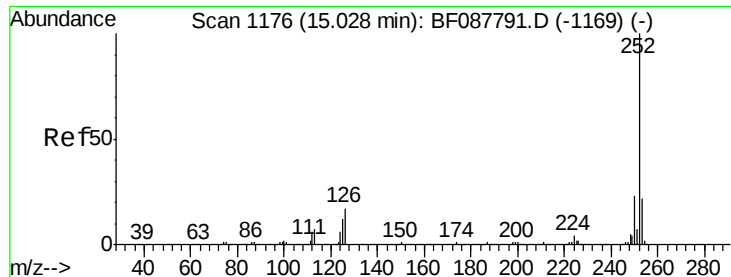
#87
Benzo(b)fluoranthene
Concen: 39.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF088039.D
Acq: 15 Jun 2016 16:13

Tgt Ion:252 Resp: 3017
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 0.0 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

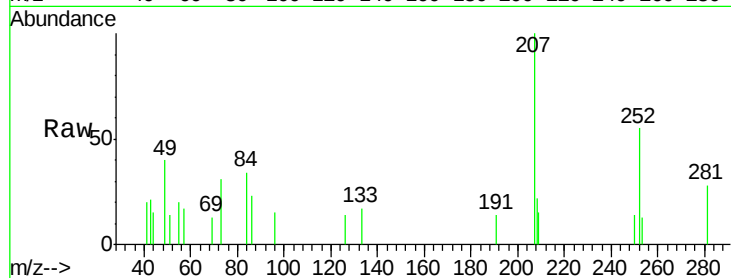




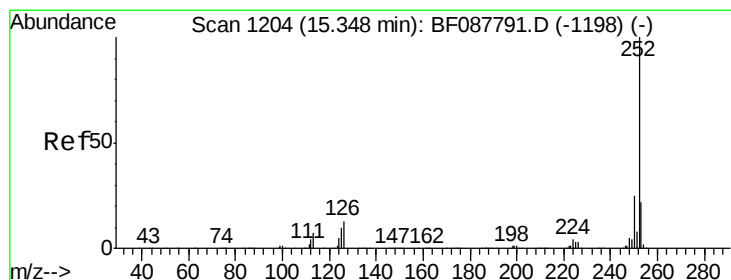
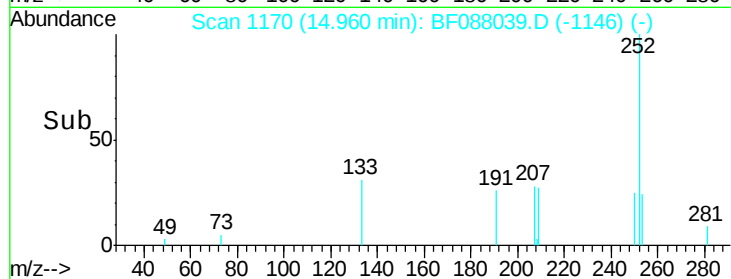
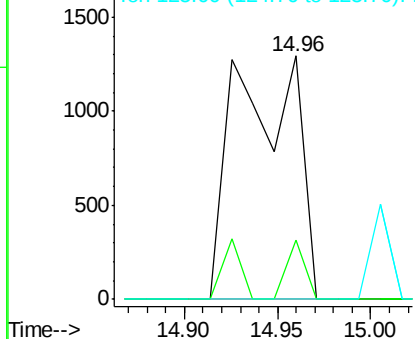
#88
Benzo(k)fluoranthene
Concen: 51.70 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF088039.D
Acq: 15 Jun 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 3017
Ion Ratio Lower Upper
252 100
253 24.4 18.0 27.0
125 0.0 11.2 16.8#

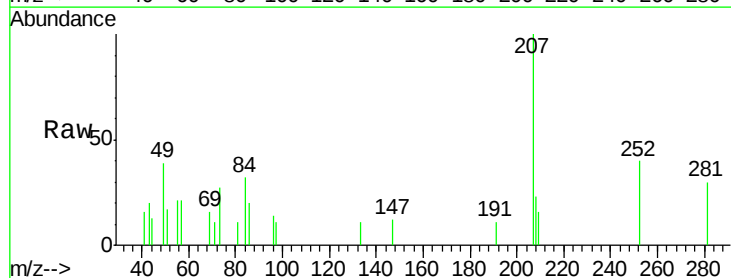


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088039.D
Acq: 15 Jun 2016 16:13

Tgt Ion:252 Resp: 1252
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

