

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084876.D
 Acq On : 5 Feb 2016 22:52
 Operator : SJ/IZ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Feb 08 08:00:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

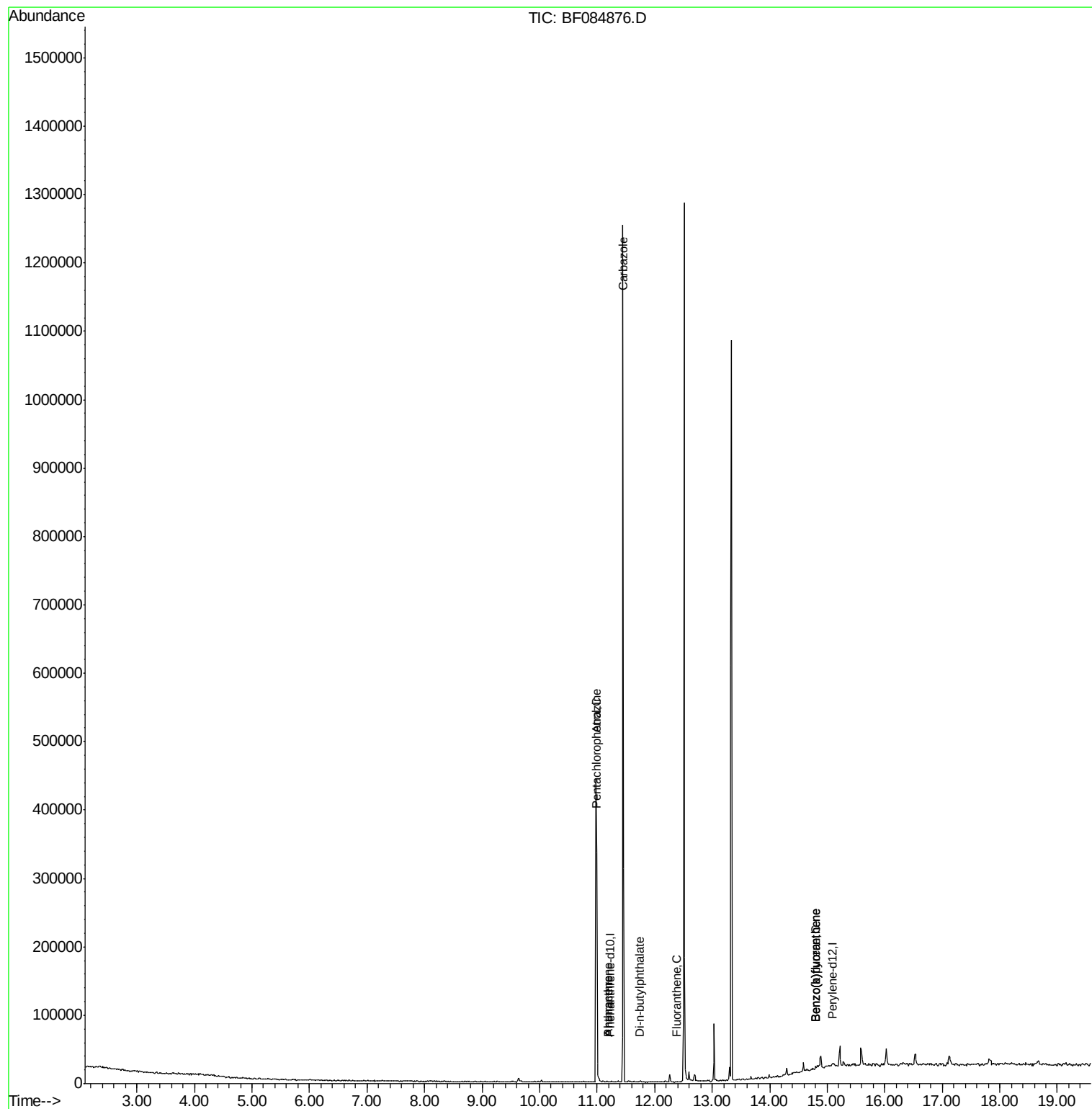
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.68
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.97
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.73
63) Phenanthrene-d10	11.23	188	289	20.00	ng	0.02
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.84
86) Perylene-d12	15.09	264	213	20.00	ng	-0.11
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	9.02	172	309	0.00	ng	-0.03
78) Terphenyl-d14	12.76	244	521	0.00	ng	-0.03
Target Compounds						
68) Atrazine	10.98	200	13068	4509.35	ng	# 37
69) Pentachlorophenol	10.99	266	69269	42377.42	ng	# 98
70) Phenanthrene	11.20	178	358	22.33	ng	# 60
71) Anthracene	11.20	178	358	22.16	ng	# 60
72) Carbazole	11.45	167	5427	385.34	ng	# 74
73) Di-n-butylphthalate	11.75	149	1556	86.78	ng	# 79
74) Fluoranthene	12.39	202	216	13.31	ng	# 63
87) Benzo(b)fluoranthene	14.80	252	233	16.28	ng	# 61
88) Benzo(k)fluoranthene	14.80	252	233	19.69	ng	# 59
89) Benzo(a)pyrene	14.80	252	233	19.11	ng	# 61

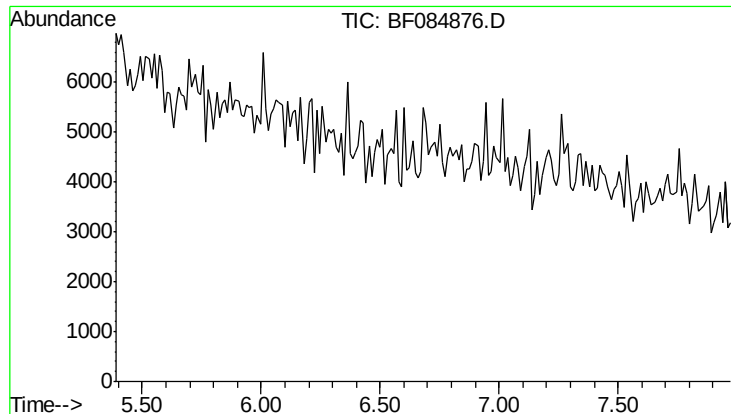
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.68 min

Lab File: BF084876.D

Acq: 5 Feb 2016 22:52

Instrument :

BNA_F

ClientSampleId :

DFTPP

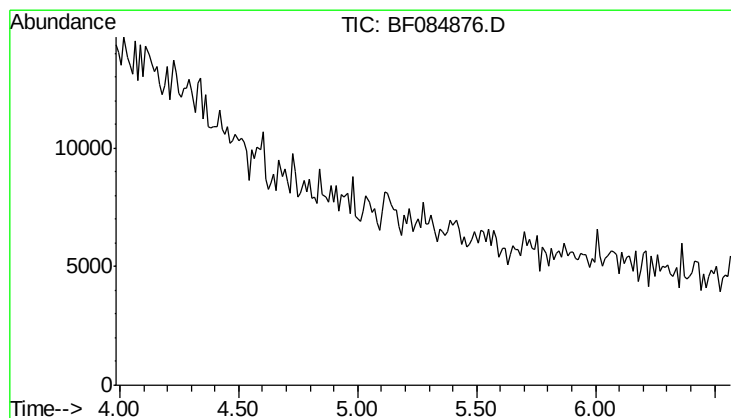
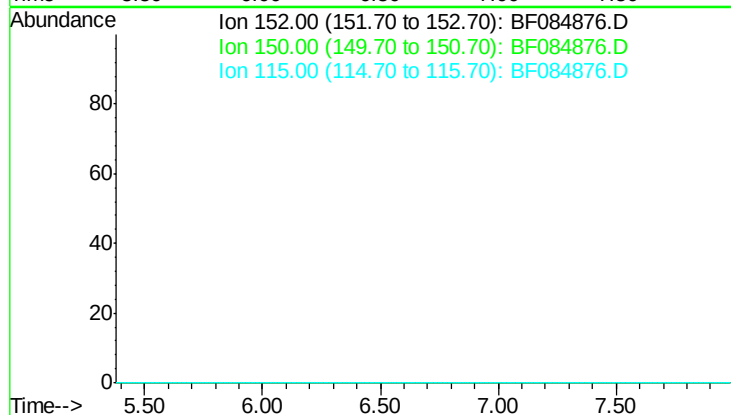
Tot Ion: 152

Sig Exp Ratio

152 100

150 153.7

115 64.3



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.28 min

Lab File: BF084876.D

Acq: 5 Feb 2016 22:52

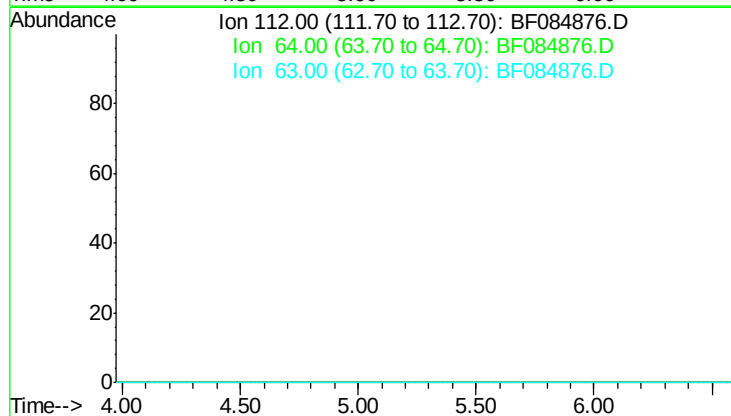
Tgt Ion: 112

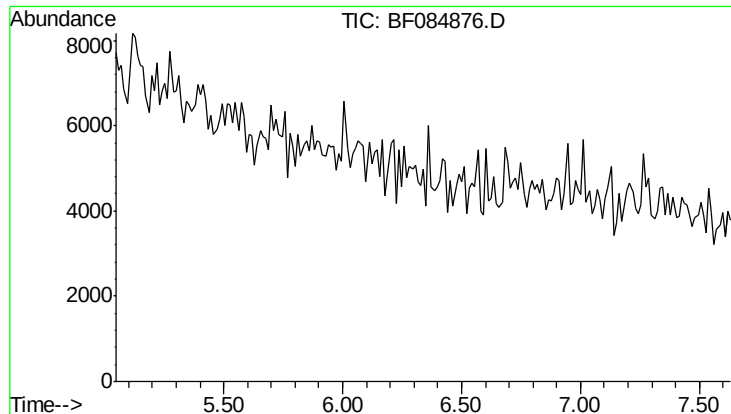
Sig Exp Ratio

112 100

64 45.8

63 24.2





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.34 min

Lab File: BF084876.D

Acq: 5 Feb 2016 22:52

Instrument :

BNA_F

ClientSampleId :

DFTPP

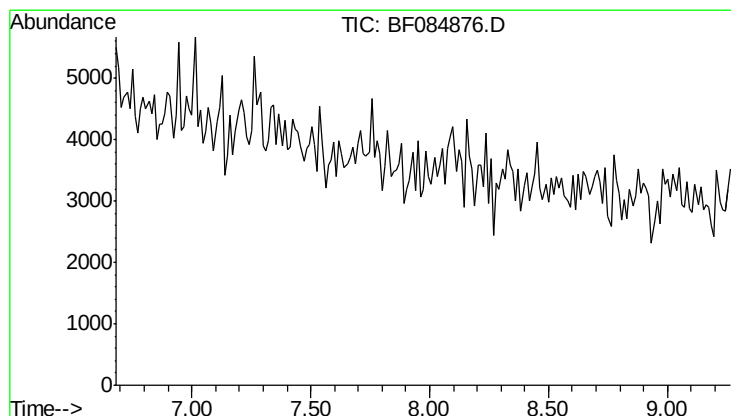
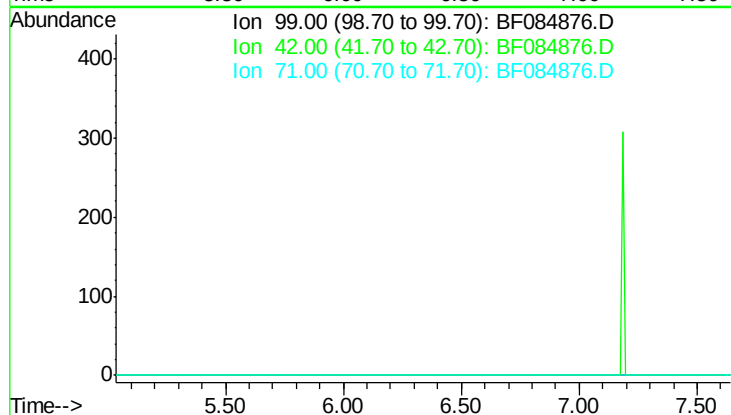
Tot Ion: 99

Sig Exp Ratio

99 100

42 16.0

71 38.6



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 7.97 min

Lab File: BF084876.D

Acq: 5 Feb 2016 22:52

Tgt Ion: 136

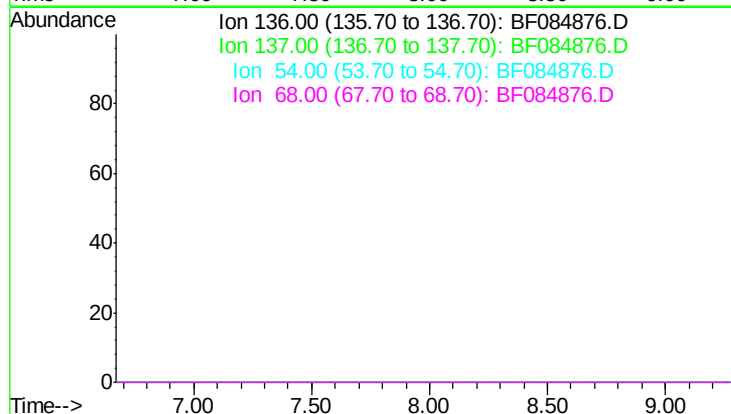
Sig Exp Ratio

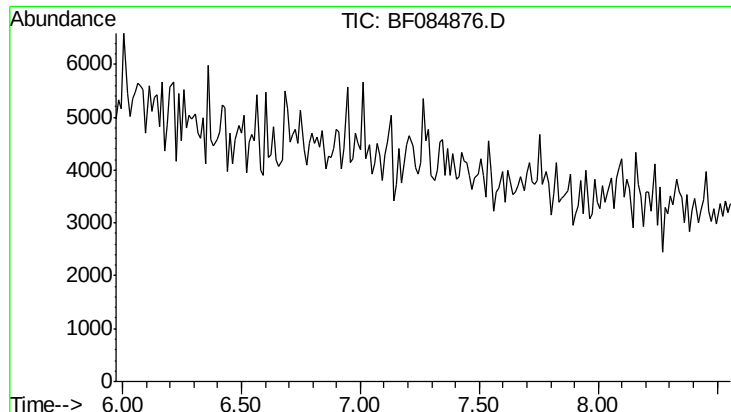
136 100

137 10.9

54 7.3

68 5.2

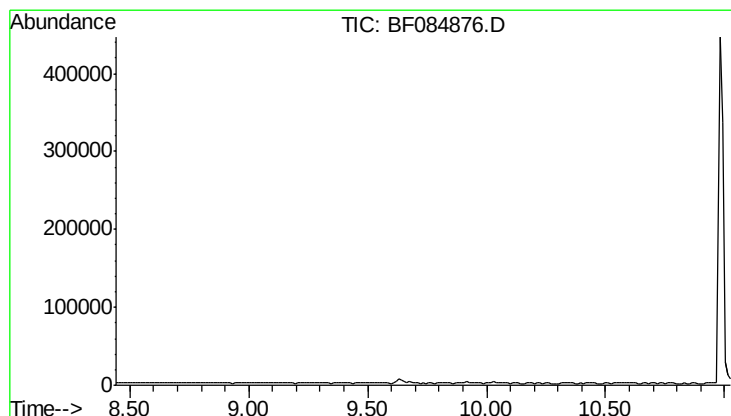
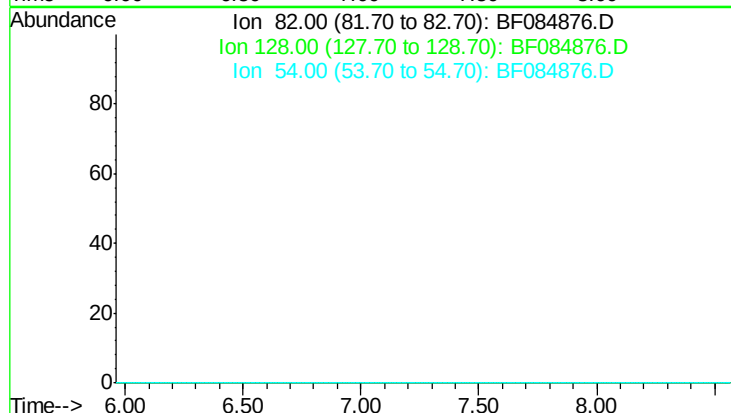




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.26 min
 Lab File: BF084876.D
 Acq: 5 Feb 2016 22:52

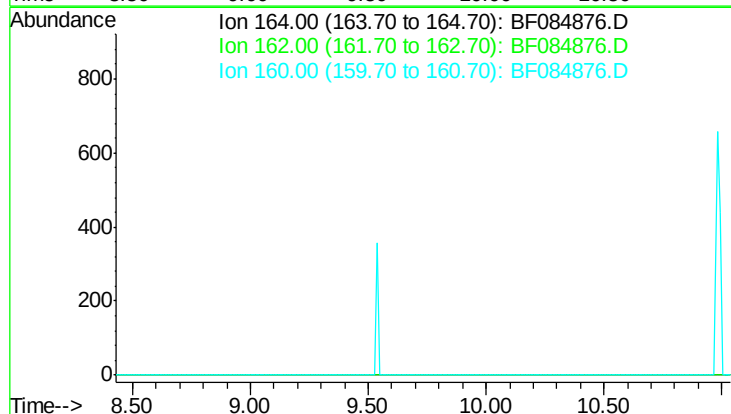
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

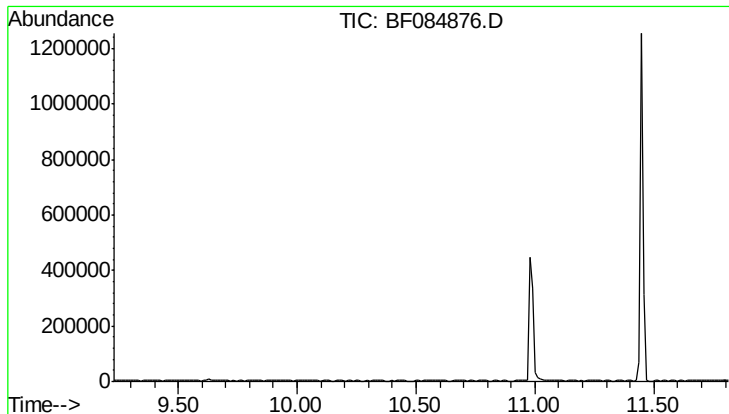
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 43.2
 54 48.0



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 9.73 min
 Lab File: BF084876.D
 Acq: 5 Feb 2016 22:52

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 106.4
 160 46.9

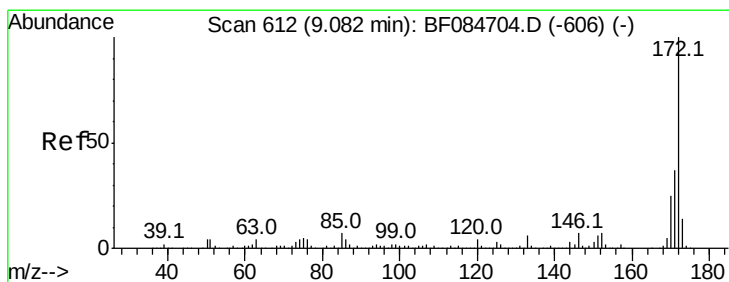
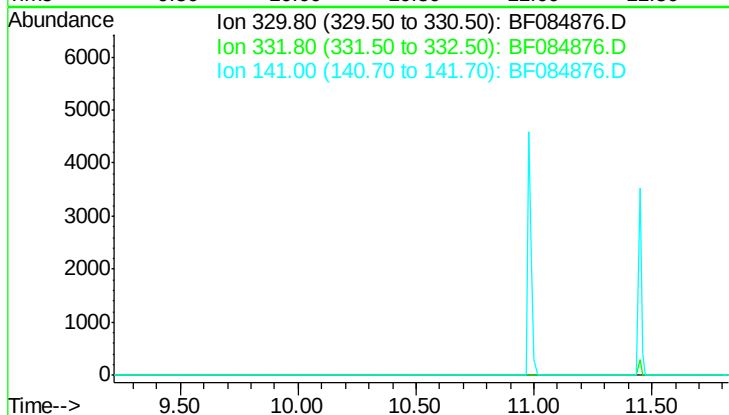




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.52 min
 Lab File: BF084876.D
 Acq: 5 Feb 2016 22:52

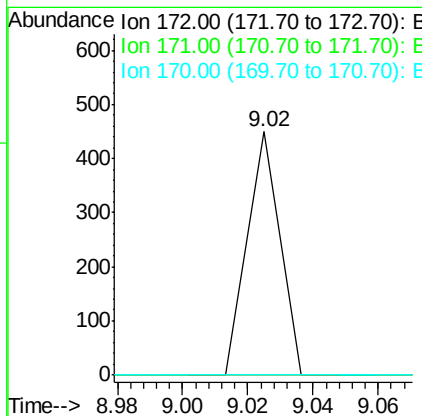
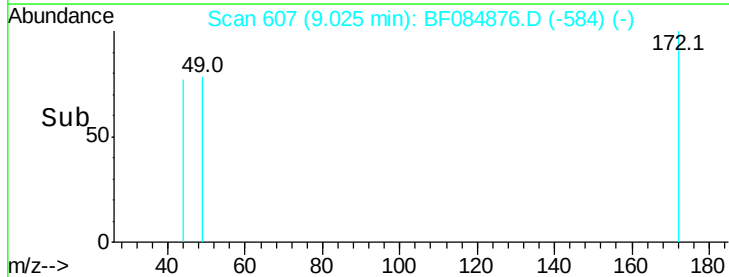
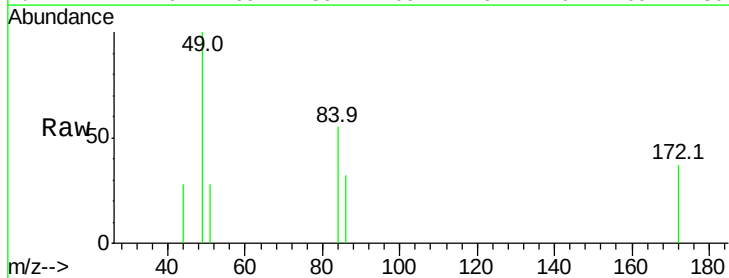
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

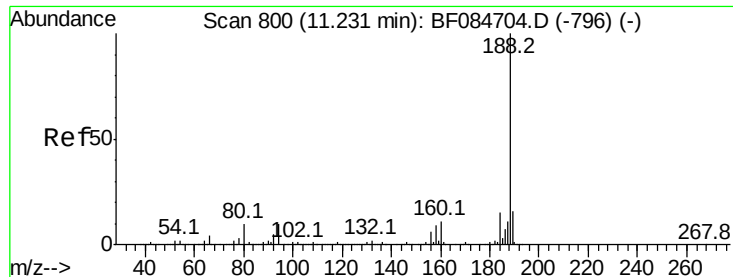
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.7
 141 34.7



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084876.D
 Acq: 5 Feb 2016 22:52

Tgt Ion: 172 Resp: 309
 Ion Ratio Lower Upper
 172 100
 171 0.0 28.9 43.3#
 170 0.0 18.6 27.8#

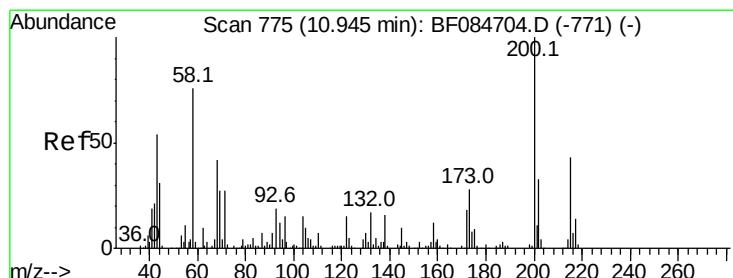
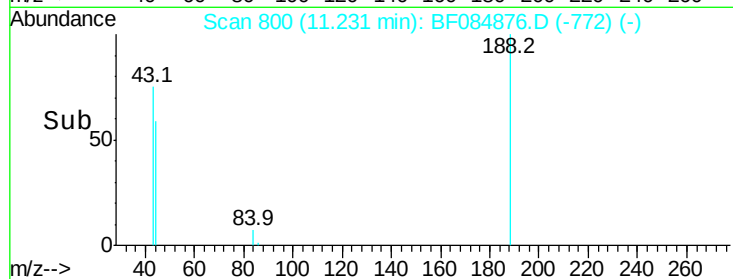
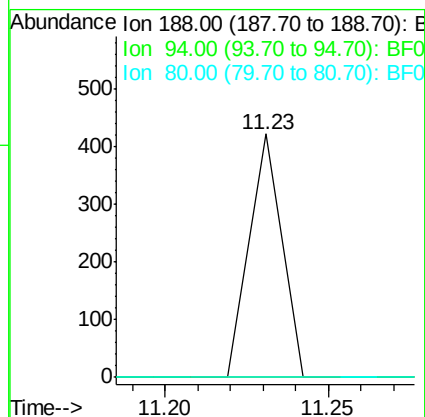
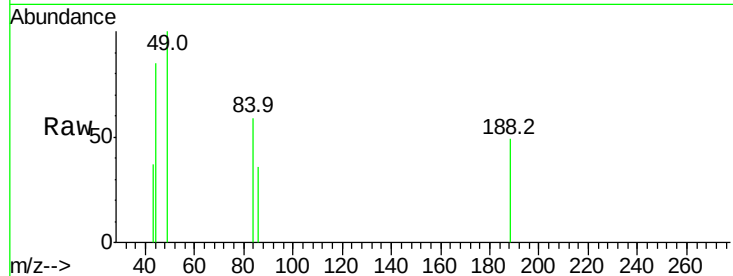




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.02 min
Lab File: BF084876.D
Acq: 5 Feb 2016 22:52

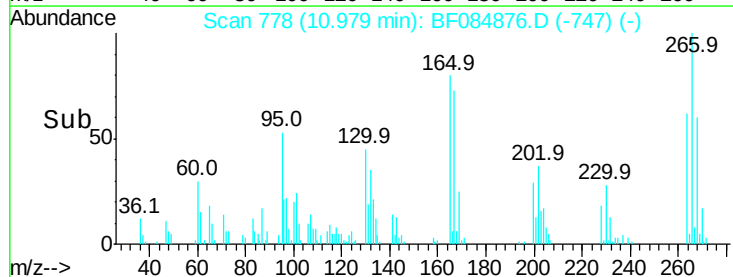
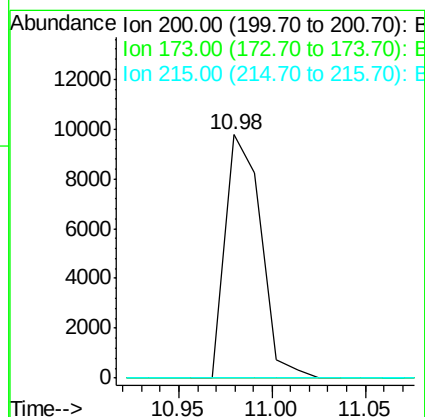
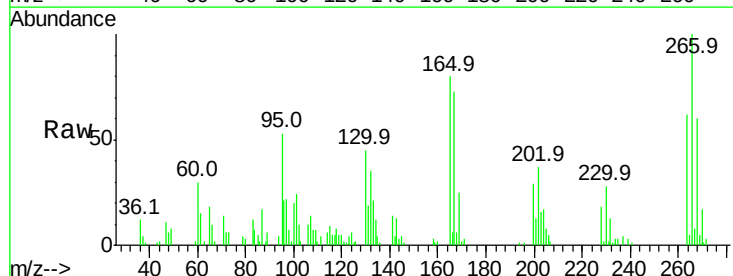
Instrument :
BNA_F
ClientSampled :
DFTPP

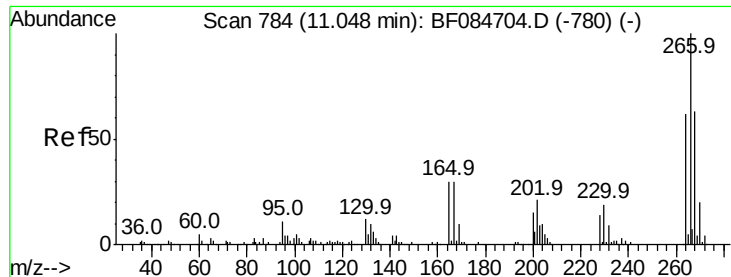
Tot Ion:188 Resp: 289
Ion Ratio Lower Upper
188 100
94 0.0 9.0 13.4#
80 0.0 9.6 14.4#



#68
Atrazine
Concen: 4509.35 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.06 min
Lab File: BF084876.D
Acq: 5 Feb 2016 22:52

Tgt Ion:200 Resp: 13068
Ion Ratio Lower Upper
200 100
173 0.0 9.5 49.5#
215 0.0 23.8 63.8#

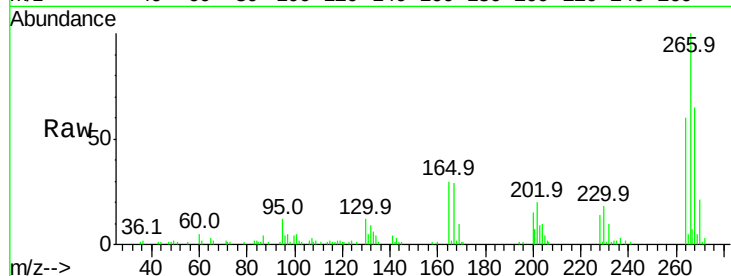




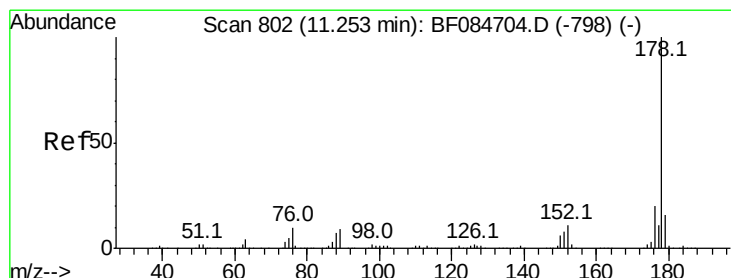
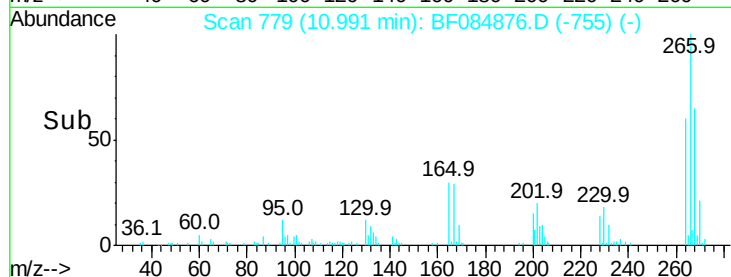
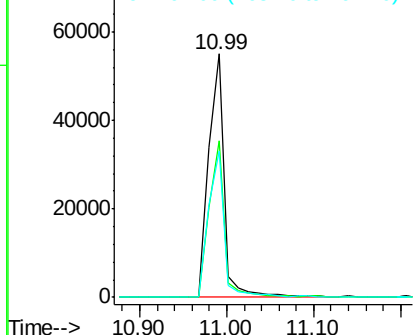
#69
 Pentachlorophenol
 Concen: 42377.42 ng
 RT: 10.99 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF084876.D
 Acq: 5 Feb 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:266 Resp: 69269
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.4 78.6
 264 60.1 50.2 75.2

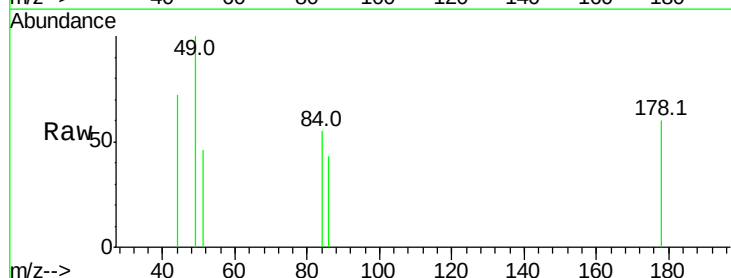


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

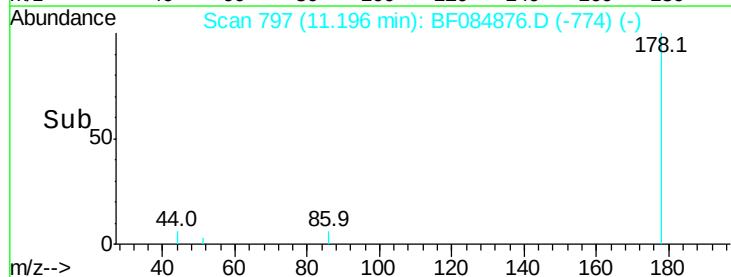
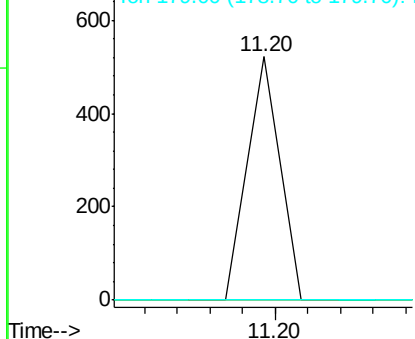


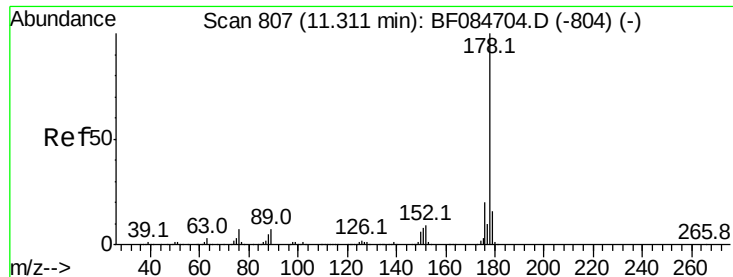
#70
 Phenanthrene
 Concen: 22.33 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF084876.D
 Acq: 5 Feb 2016 22:52

Tgt Ion:178 Resp: 358
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.3 22.9#
 179 0.0 12.0 18.0#



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





#71

Anthracene

Concen: 22.16 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.09 min

Lab File: BF084876.D

Acq: 5 Feb 2016 22:52

Instrument :

BNA_F

ClientSampleId :

DFTPP

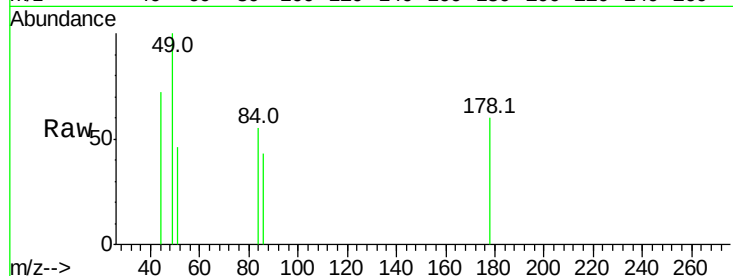
Tot Ion:178 Resp: 358

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

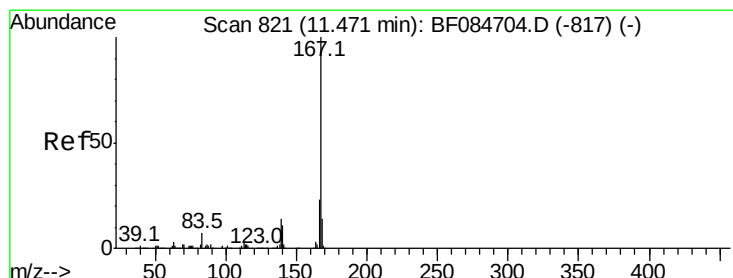
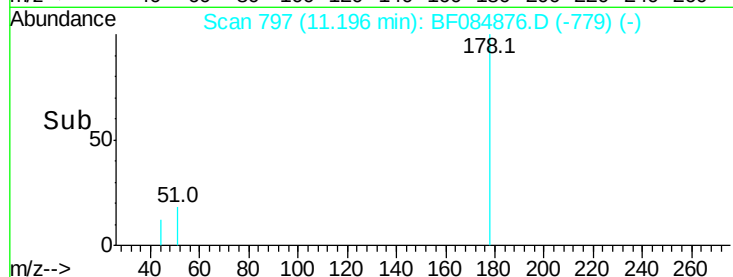
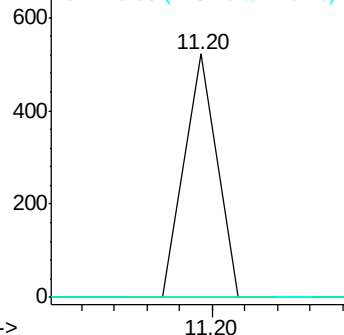
179 0.0 12.5 18.7#



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: 385.34 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF084876.D

Acq: 5 Feb 2016 22:52

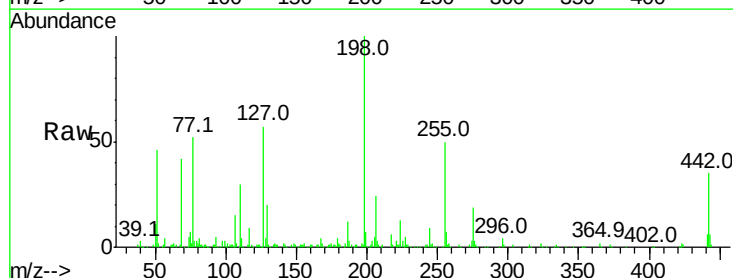
Tgt Ion:167 Resp: 5427

Ion Ratio Lower Upper

167 100

166 12.8 17.6 26.4#

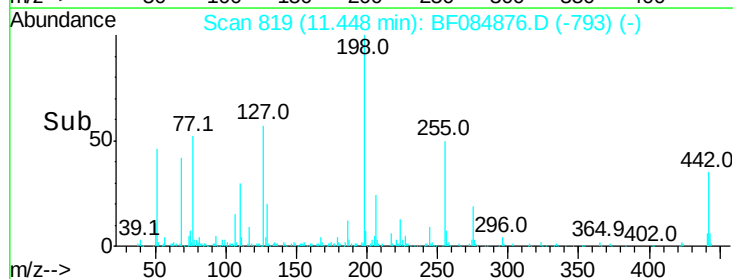
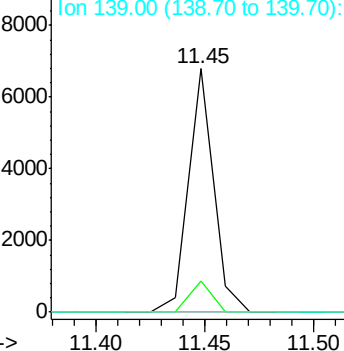
139 0.0 11.8 17.8#

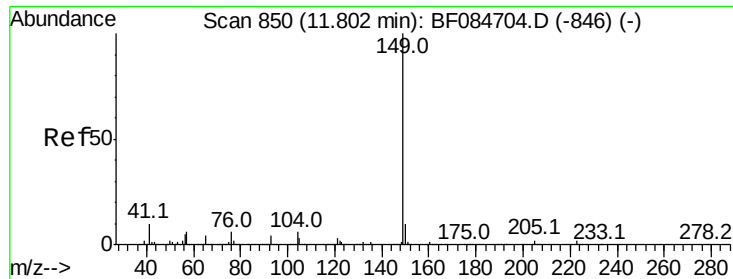


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 86.78 ng

RT: 11.75 min Scan# 845

Delta R.T. -0.03 min

Lab File: BF084876.D

Acq: 5 Feb 2016 22:52

Instrument :

BNA_F

ClientSampleId :

DFTPP

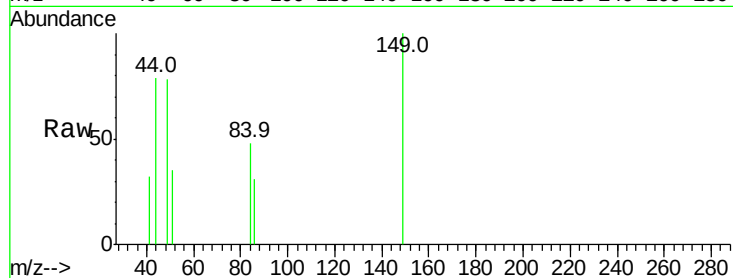
Tot Ion:149 Resp: 1556

Ion Ratio Lower Upper

149 100

150 0.0 7.1 10.7#

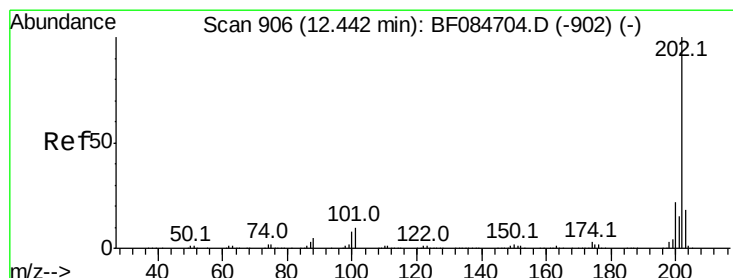
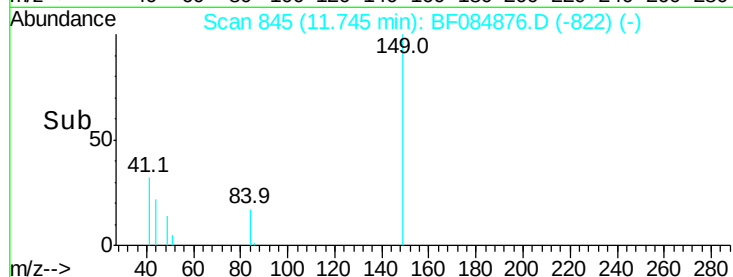
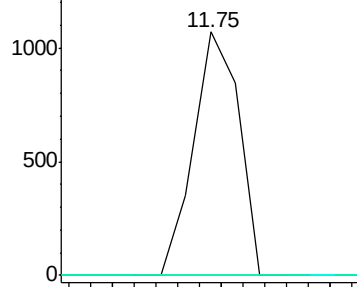
104 0.0 3.2 4.8#



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



#74

Fluoranthene

Concen: 13.31 ng

RT: 12.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084876.D

Acq: 5 Feb 2016 22:52

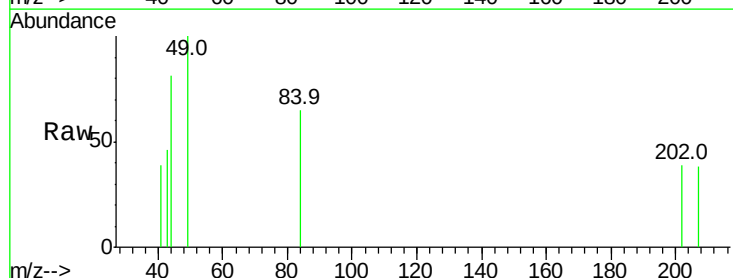
Tgt Ion:202 Resp: 216

Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.8

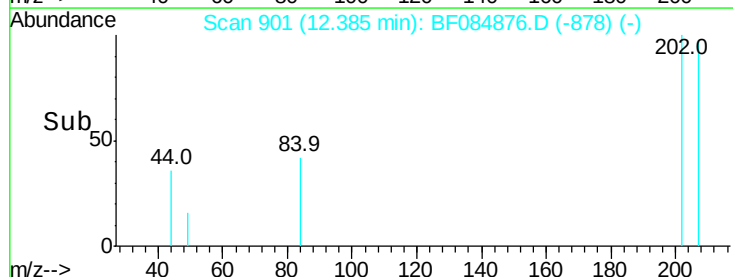
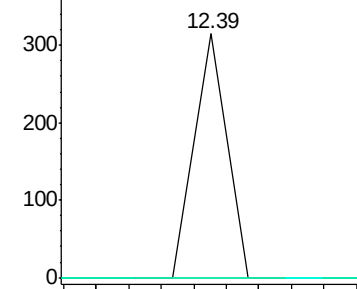
203 0.0 0.0 37.9

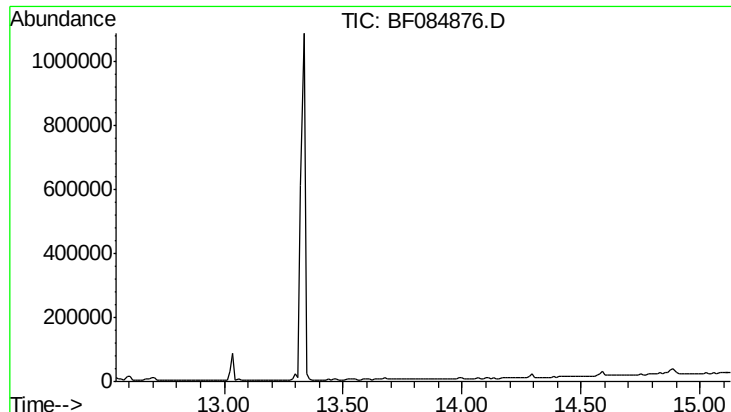


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

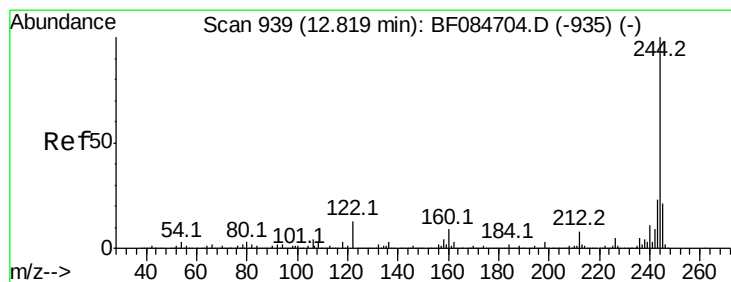
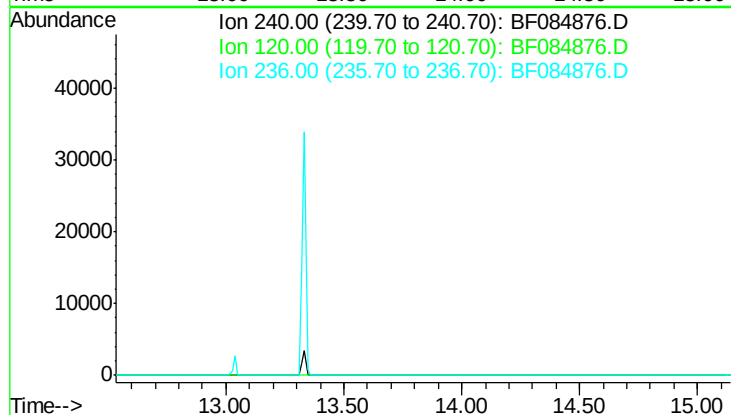




#75
 Chrvsene-d12
 Concen: 0.00 ng
 Expected RT: 13.84 min
 Lab File: BF084876.D
 Acq: 5 Feb 2016 22:52

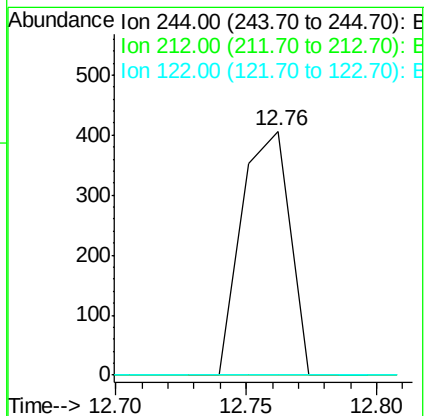
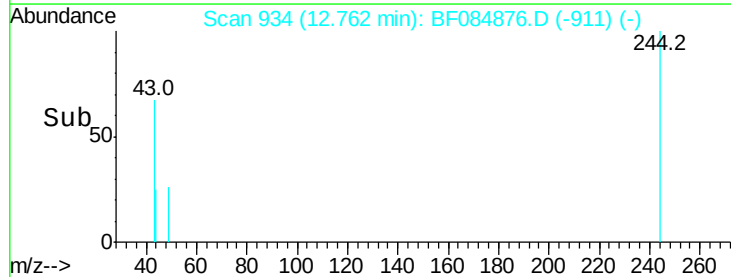
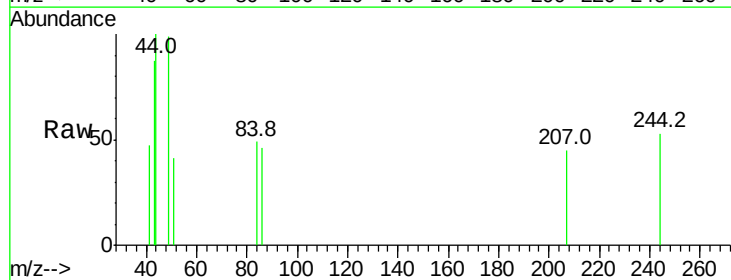
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

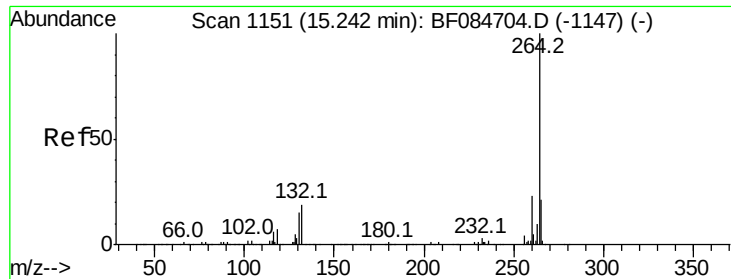
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 11.9
 236 25.8



#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084876.D
 Acq: 5 Feb 2016 22:52

Tgt Ion:244 Resp: 521
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.7 8.5#
 122 0.0 7.4 11.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.11 min

Lab File: BF084876.D

Acq: 5 Feb 2016 22:52

Instrument :

BNA_F

ClientSampleId :

DFTPP

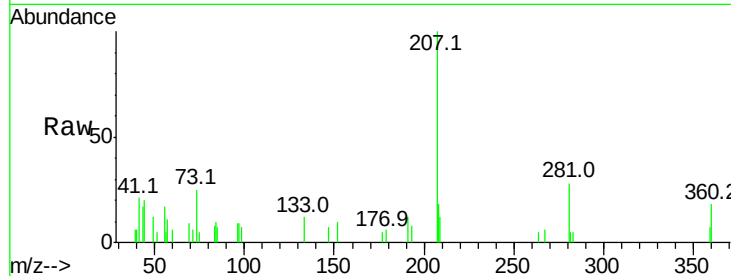
Tot Ion:264 Resp: 213

Ion Ratio Lower Upper

264 100

260 0.0 19.4 29.2#

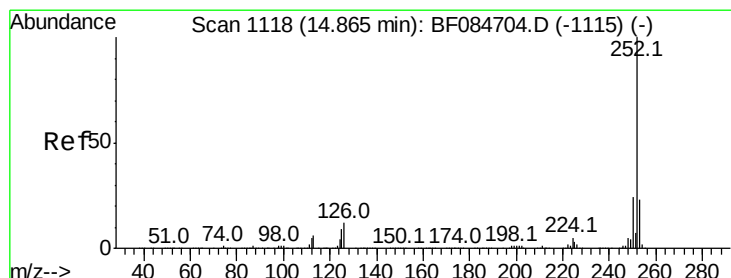
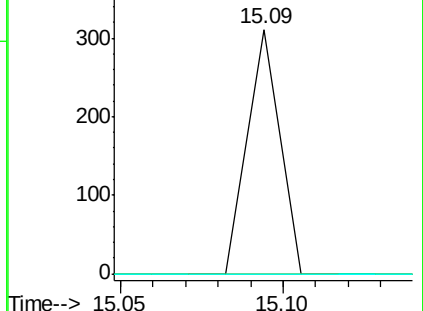
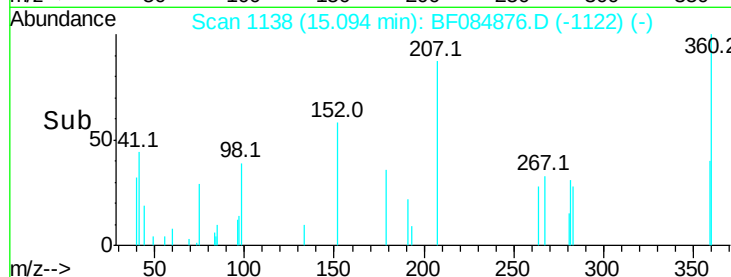
265 0.0 17.8 26.6#



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: 16.28 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.03 min

Lab File: BF084876.D

Acq: 5 Feb 2016 22:52

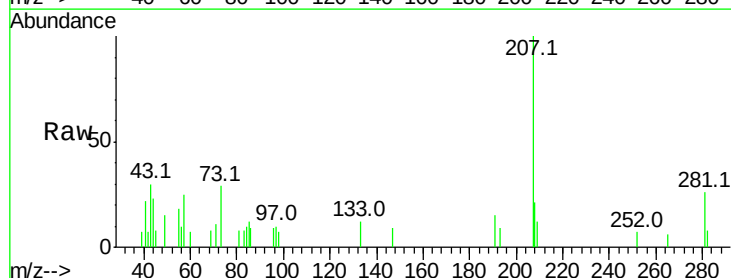
Tgt Ion:252 Resp: 233

Ion Ratio Lower Upper

252 100

253 0.0 17.3 25.9#

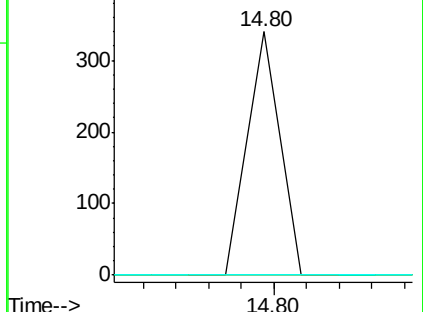
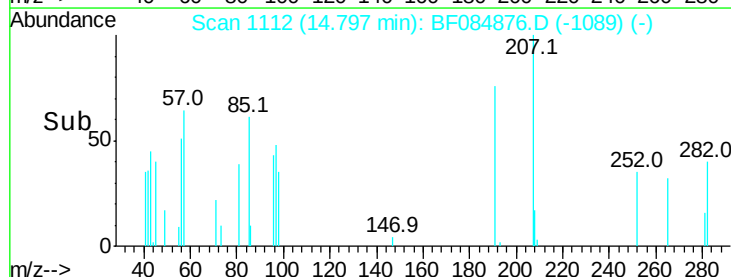
125 0.0 6.5 9.7#

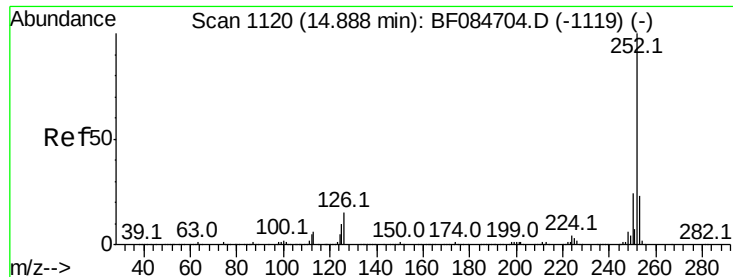


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

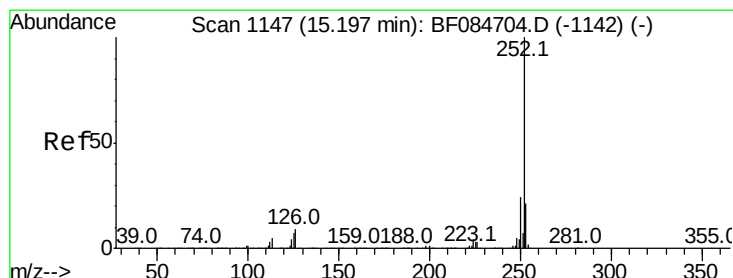
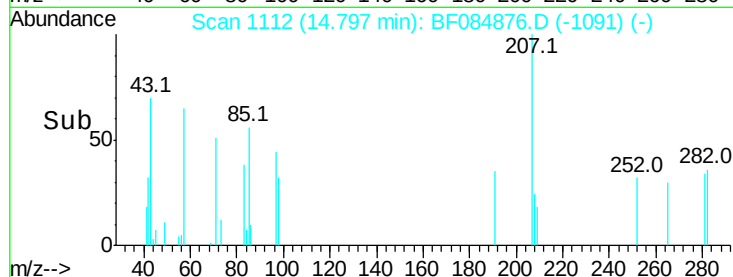
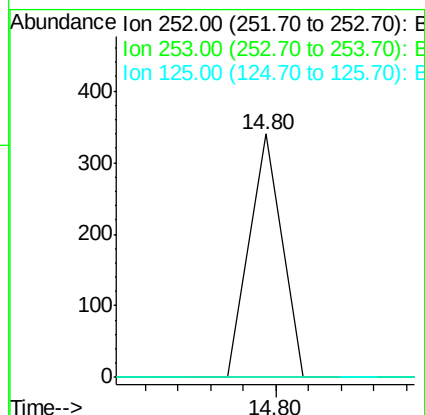
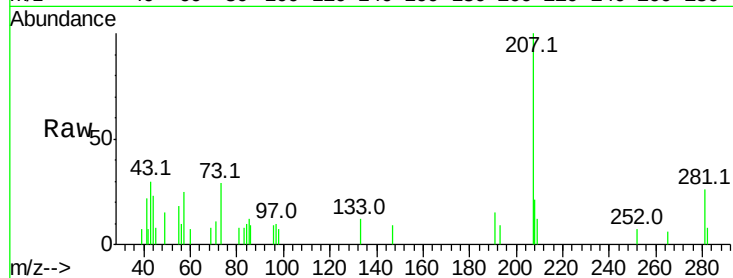




#88
Benzo(k)fluoranthene
Concen: 19.69 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF084876.D
Acq: 5 Feb 2016 22:52

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:252 Resp: 233
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 0.0 9.0 13.6#



#89
Benzo(a)pyrene
Concen: 19.11 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.35 min
Lab File: BF084876.D
Acq: 5 Feb 2016 22:52

Tgt Ion:252 Resp: 233
Ion Ratio Lower Upper
252 100
253 0.0 17.3 25.9#
125 0.0 7.0 10.4#

