

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079746.D
 Acq On : 6 Jun 2015 00:11
 Operator : TP/IZ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jun 08 19:18:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 18:33:51 2015
 Response via : Initial Calibration

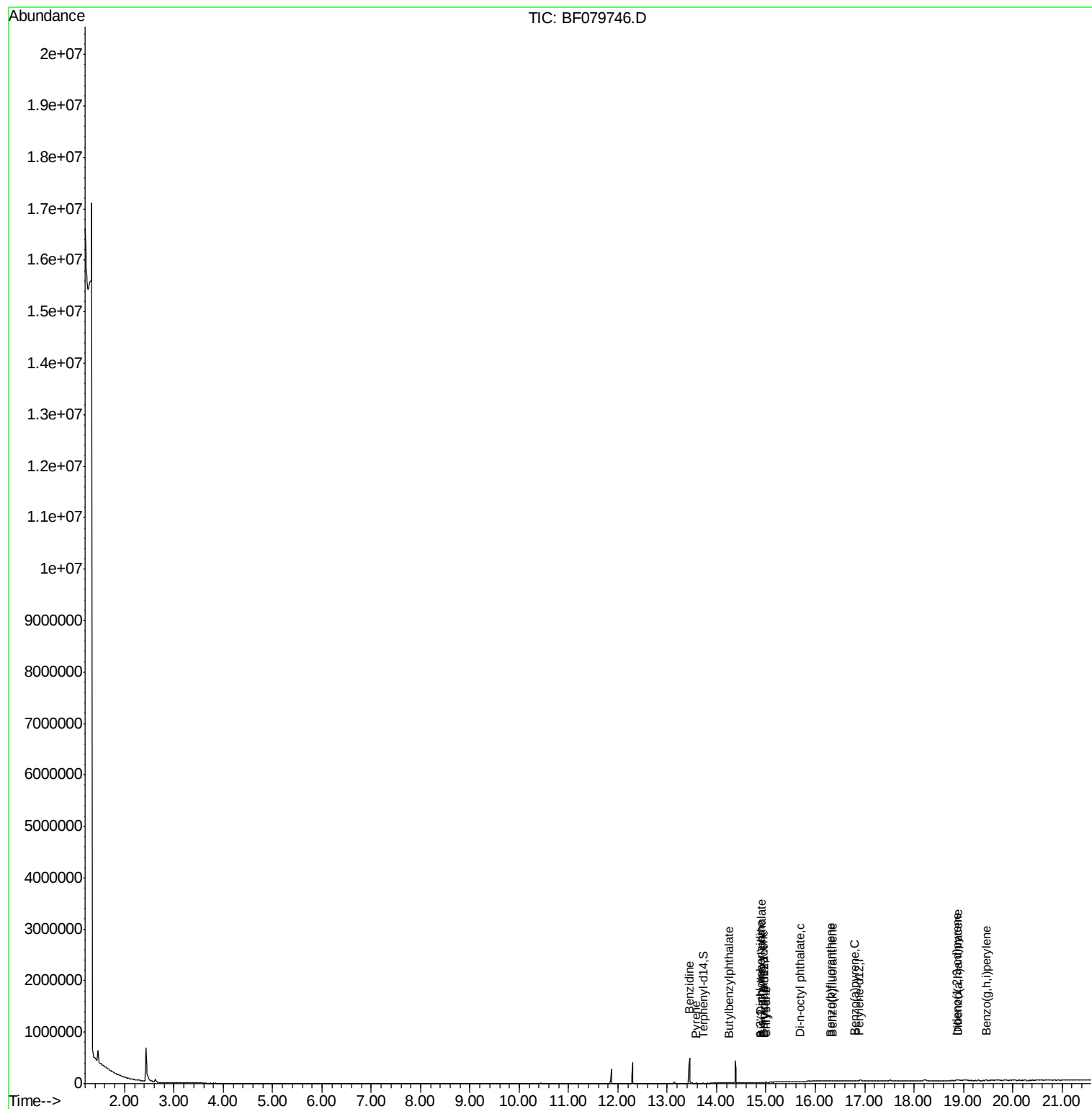
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.48
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.78
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.55
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.06
75) Chrysene-d12	14.97	240	600	20.00	ng	0.07
86) Perylene-d12	16.88	264	640	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	361	0.00	ng	0.01
7) Phenol-d6	7.07	99	487	0.00	ng	0.00
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	9.86	172	237	0.00	ng	0.01
78) Terphenyl-d14	13.73	244	749	28.59	ng	0.03
Target Compounds						
76) Benzidine	13.45	184	277573	14658.00	ng	Qvalue 98
77) Pyrene	13.59	202	1507	40.97	ng	# 73
79) Butylbenzylphthalate	14.25	149	331	22.57	ng	# 92
80) Benzo(a)anthracene	14.95	228	1819	49.52	ng	# 79
81) 3,3'-Dichlorobenzidine	14.89	252	277	22.20	ng	# 24
82) Chrysene	15.01	228	1993	58.70	ng	# 70
83) Bis(2-ethylhexyl)phthalate	14.91	149	1578	68.10	ng	# 53
84) Di-n-octyl phthalate	15.69	149	1638	40.14	ng	# 1
85) Indeno(1,2,3-cd)pyrene	18.87	276	8677	220.78	ng	95
87) Benzo(b)fluoranthene	16.31	252	3022	76.01	ng	# 78
88) Benzo(k)fluoranthene	16.34	252	2603	68.26	ng	# 78
89) Benzo(a)pyrene	16.80	252	3543	96.54	ng	# 86
90) Dibenzo(a,h)anthracene	18.89	278	7674	216.65	ng	# 86
91) Benzo(g,h,i)perylene	19.46	276	6731	183.80	ng	# 90

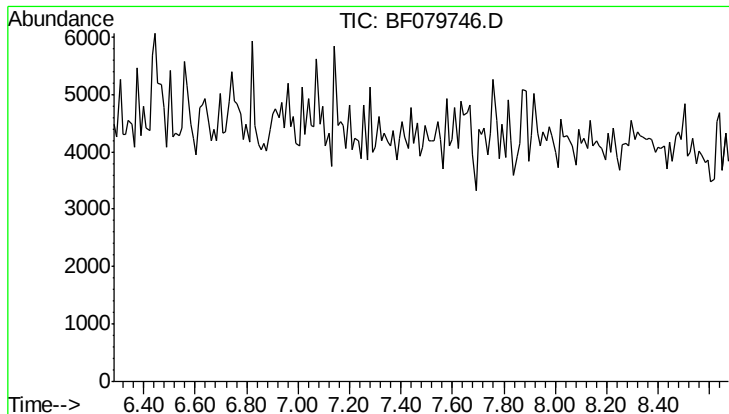
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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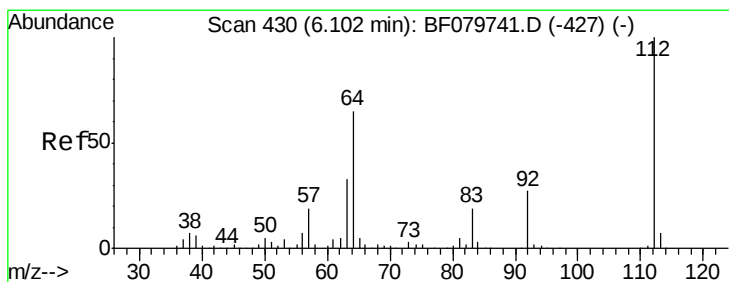
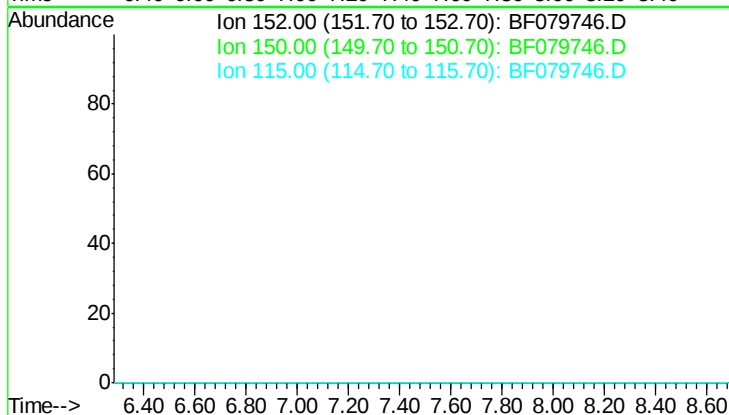




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 7.48 min
 Lab File: BF079746.D
 Acq: 6 Jun 2015 00:11

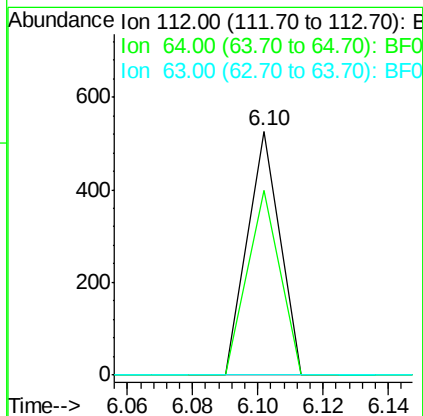
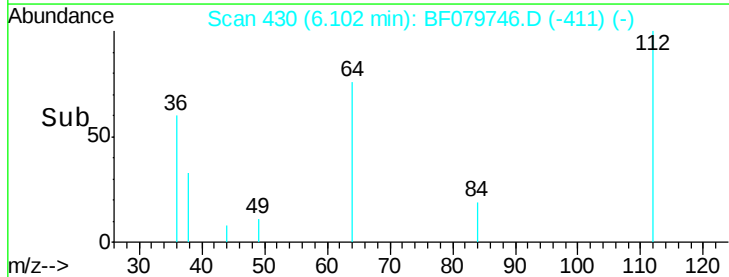
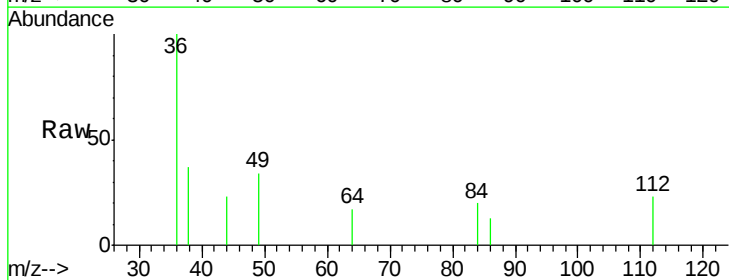
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

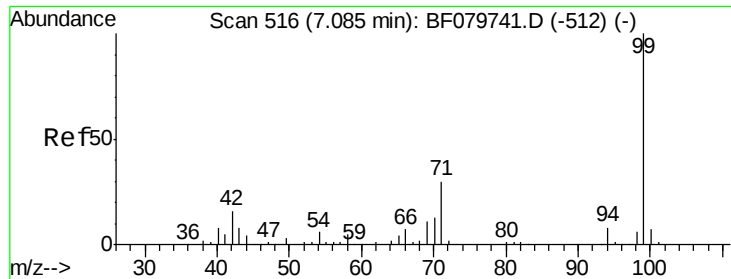
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 160.1
 115 62.1



#5
 2-Fluorophenol
 Concen: 0.00 ng
 RT: 6.10 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BF079746.D
 Acq: 6 Jun 2015 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	361		
64	75.9		49.6	74.4#
63	0.0		24.9	37.3#





#7

Phenol-d6

Concen: 0.00 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF079746.D

Acq: 6 Jun 2015 00:11

Instrument :

BNA_F

ClientSampleId :

DFTPP

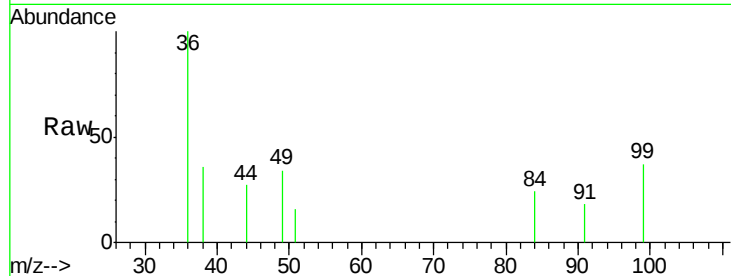
Tot Ion: 99 Resp: 487

Ion Ratio Lower Upper

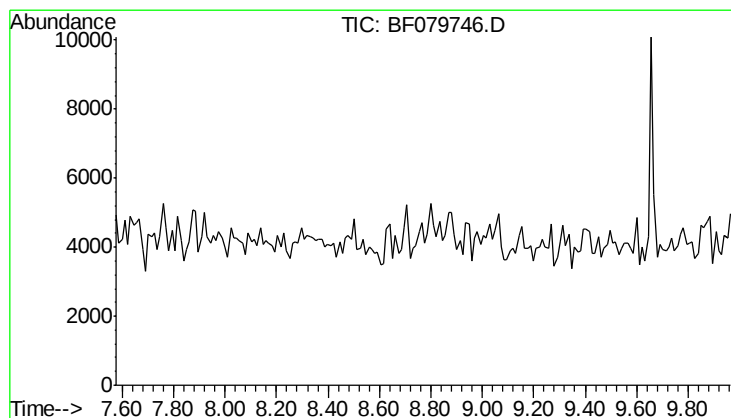
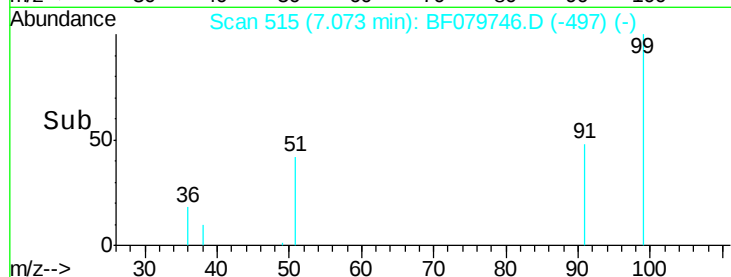
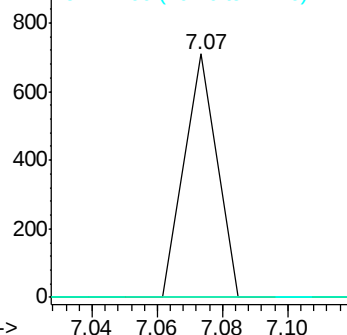
99 100

42 0.0 18.0 27.0#

71 0.0 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.78 min

Lab File: BF079746.D

Acq: 6 Jun 2015 00:11

Tgt Ion: 136

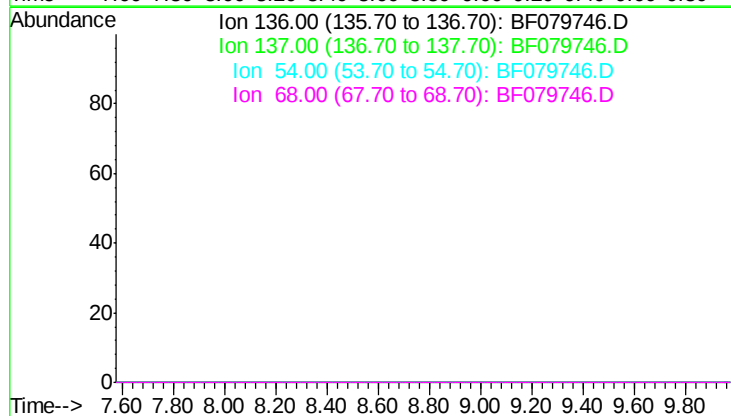
Sig Exp Ratio

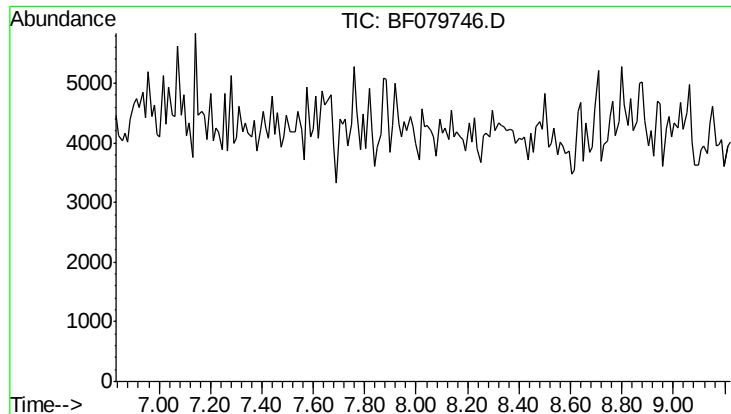
136 100

137 11.0

54 10.9

68 7.3

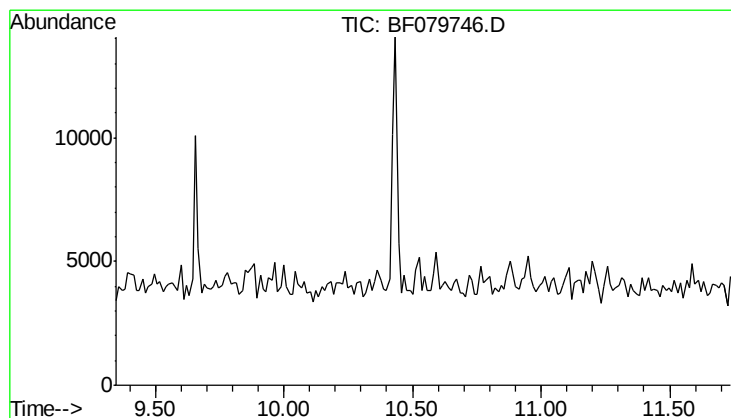
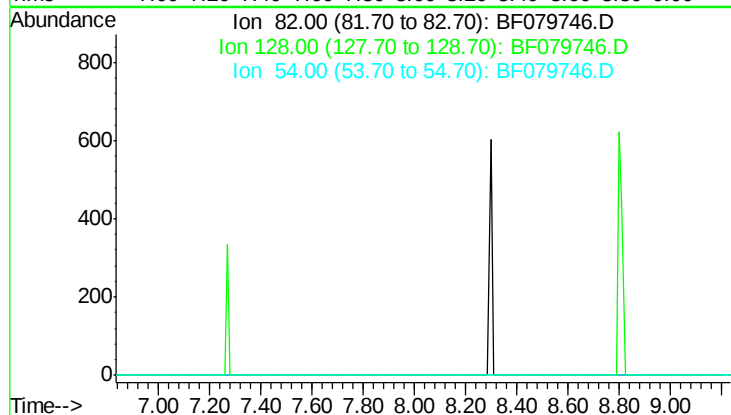




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 8.03 min
 Lab File: BF079746.D
 Acq: 6 Jun 2015 00:11

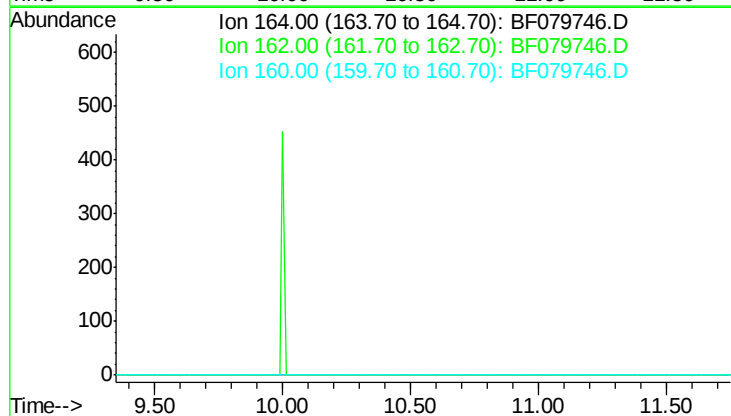
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

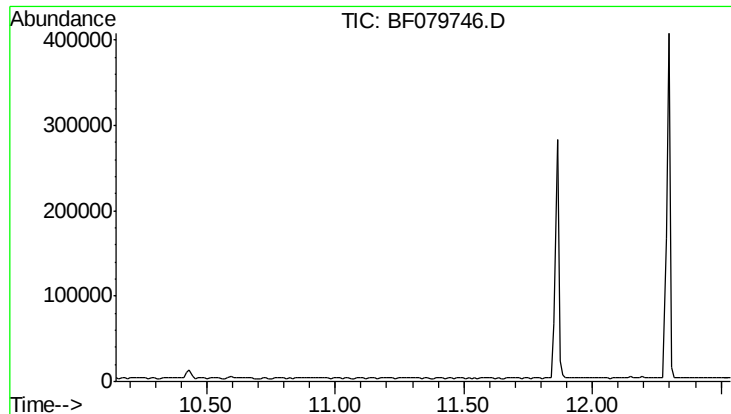
Tot Ion	82
Sig	Exp Ratio
82	100
128	47.0
54	49.3



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.55 min
 Lab File: BF079746.D
 Acq: 6 Jun 2015 00:11

Tgt Ion	164
Sig	Exp Ratio
164	100
162	103.2
160	46.0

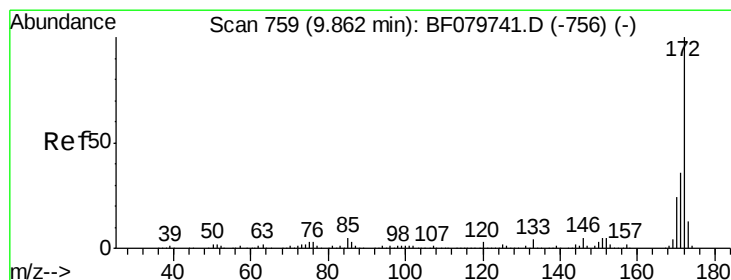
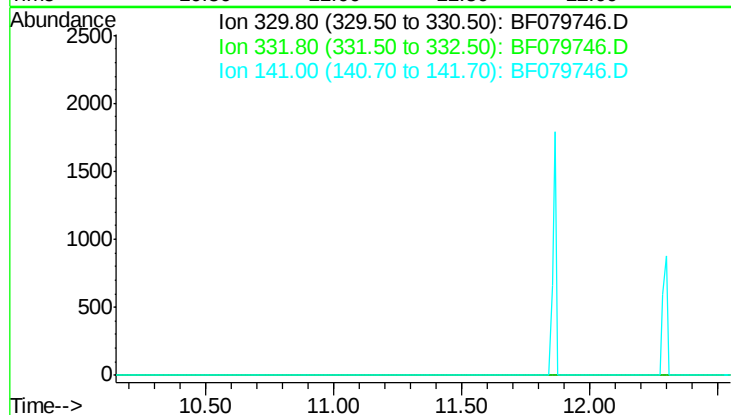




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.35 min
 Lab File: BF079746.D
 Acq: 6 Jun 2015 00:11

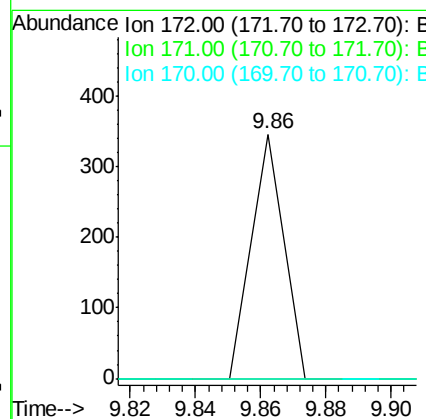
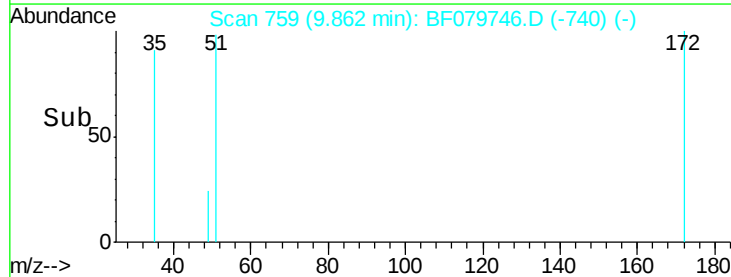
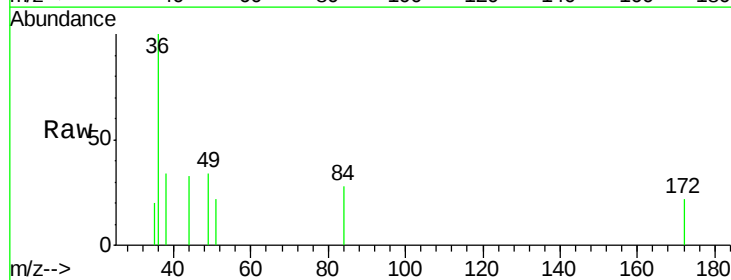
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

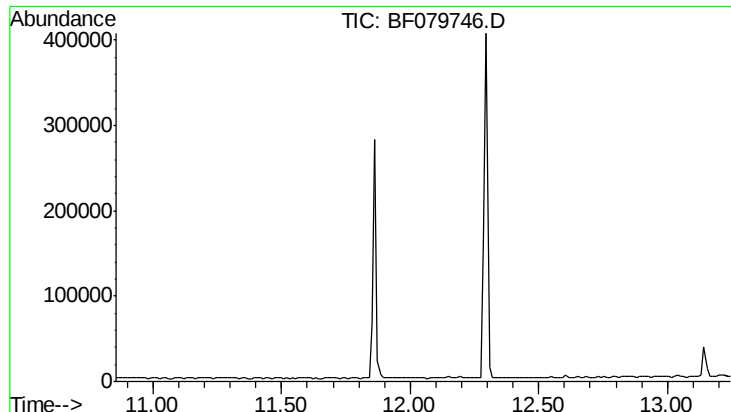
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.7
 141 37.7



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 9.86 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF079746.D
 Acq: 6 Jun 2015 00:11

Tgt Ion: 172 Resp: 237
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.4 44.0#
 170 0.0 19.7 29.5#

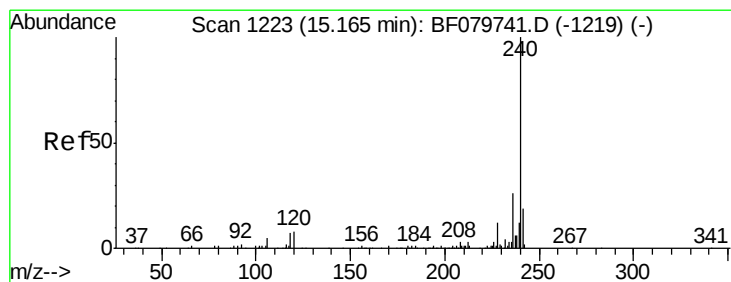
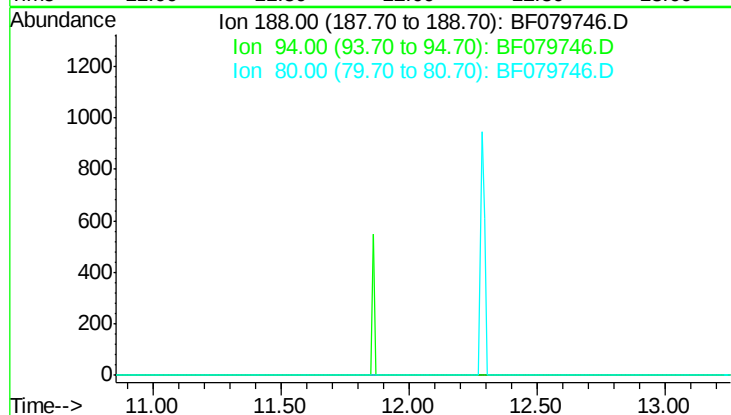




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.06 min
 Lab File: BF079746.D
 Acq: 6 Jun 2015 00:11

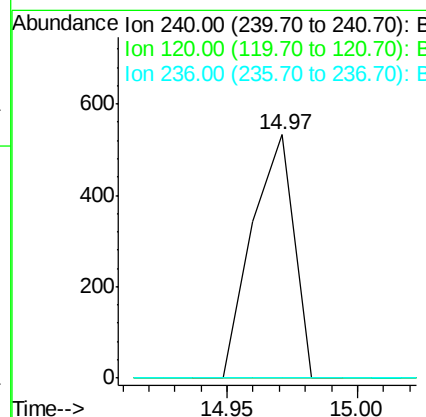
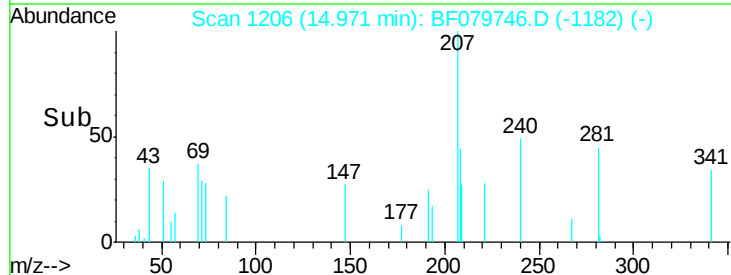
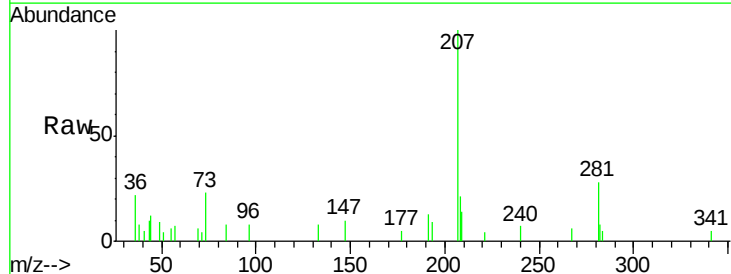
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

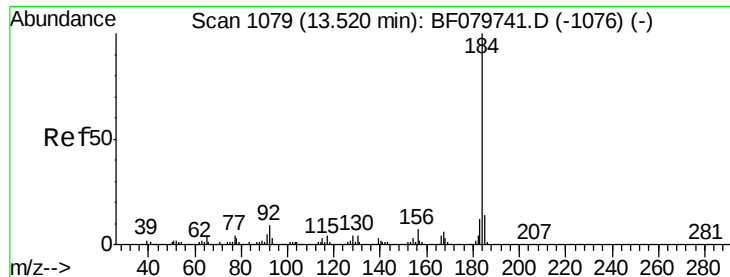
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 6.2
 80 6.6



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1206
 Delta R.T. 0.07 min
 Lab File: BF079746.D
 Acq: 6 Jun 2015 00:11

Tgt Ion: 240 Resp: 600
 Ion Ratio Lower Upper
 240 100
 120 0.0 6.2 9.2#
 236 0.0 21.0 31.4#





#76

Benzidine

Concen: 14658.00 ng

RT: 13.45 min Scan# 1073

Delta R.T. 0.03 min

Lab File: BF079746.D

Acq: 6 Jun 2015 00:11

Instrument :

BNA_F

ClientSampleId :

DFTPP

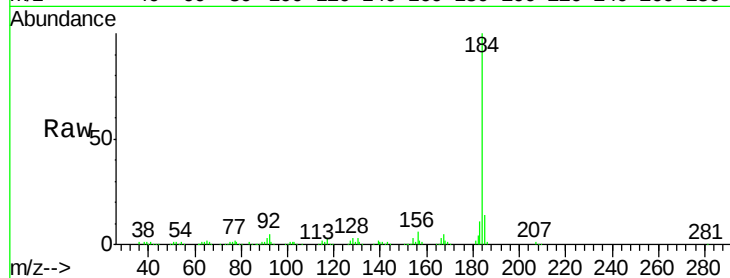
Tot Ion:184 Resp: 277573

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

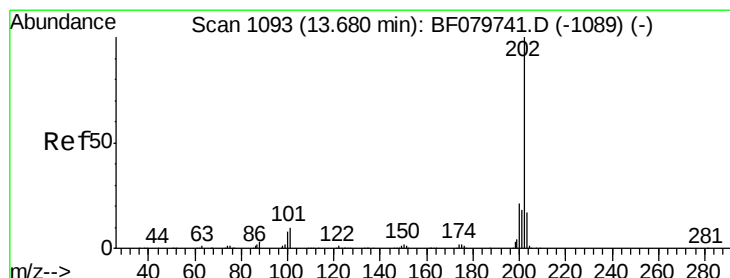
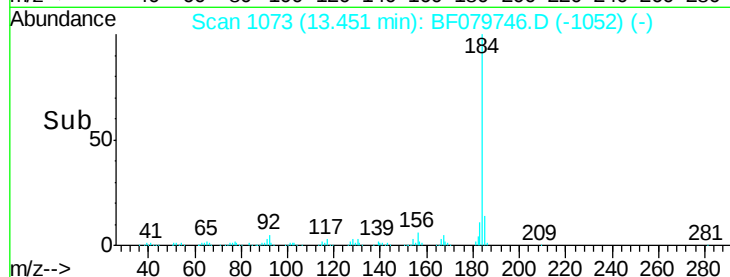
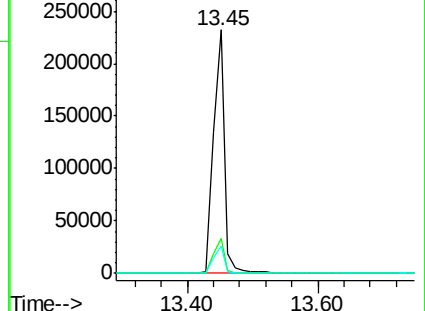
183 11.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 40.97 ng

RT: 13.59 min Scan# 1085

Delta R.T. 0.03 min

Lab File: BF079746.D

Acq: 6 Jun 2015 00:11

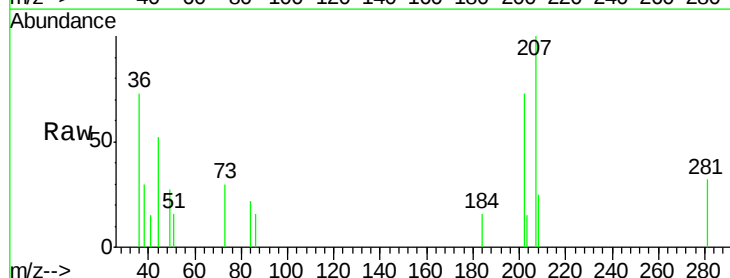
Tgt Ion:202 Resp: 1507

Ion Ratio Lower Upper

202 100

200 0.0 17.5 26.3#

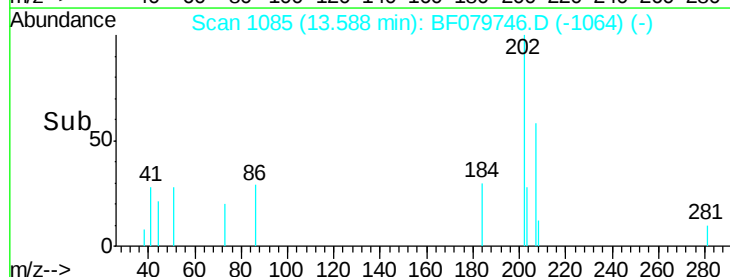
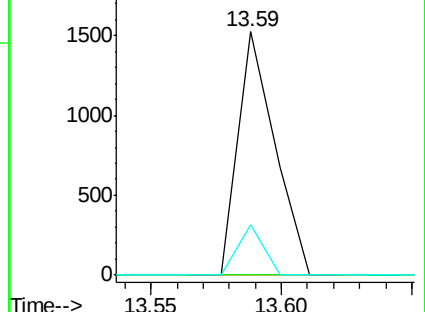
203 20.8 14.8 22.2

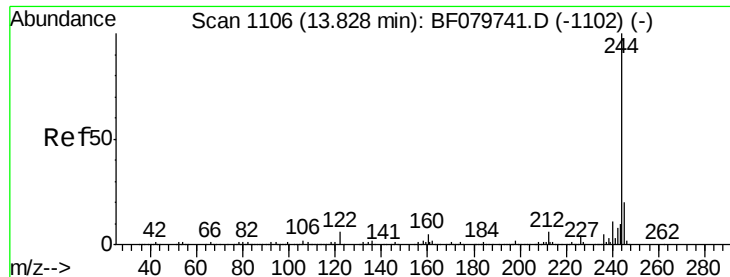


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 28.59 ng

RT: 13.73 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BF079746.D

Acq: 6 Jun 2015 00:11

Instrument :

BNA_F

ClientSampled :

DFTPP

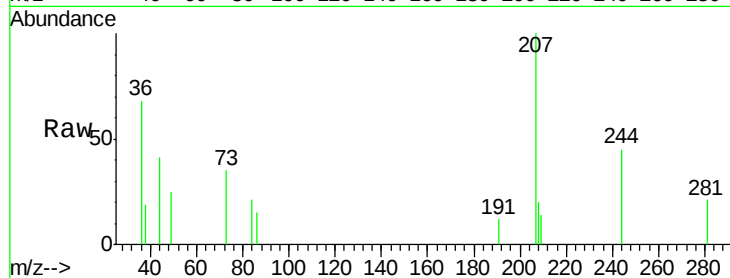
Tot Ion:244 Resp: 749

Ion Ratio Lower Upper

244 100

212 0.0 6.1 9.1#

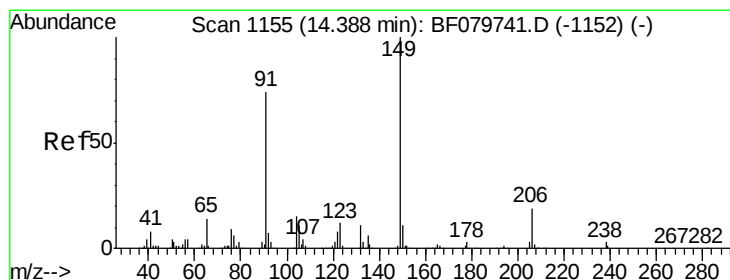
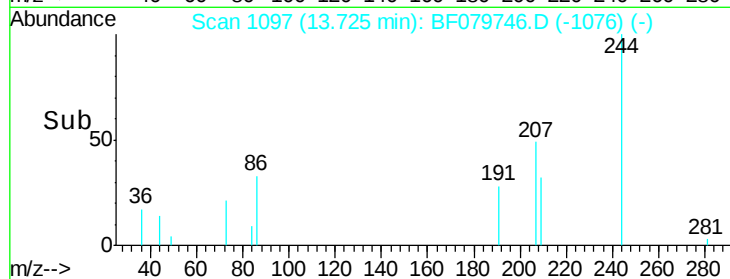
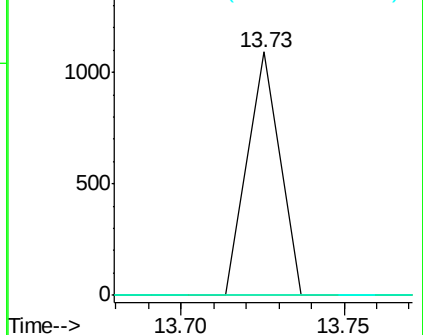
122 0.0 9.3 13.9#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 22.57 ng

RT: 14.25 min Scan# 1143

Delta R.T. 0.05 min

Lab File: BF079746.D

Acq: 6 Jun 2015 00:11

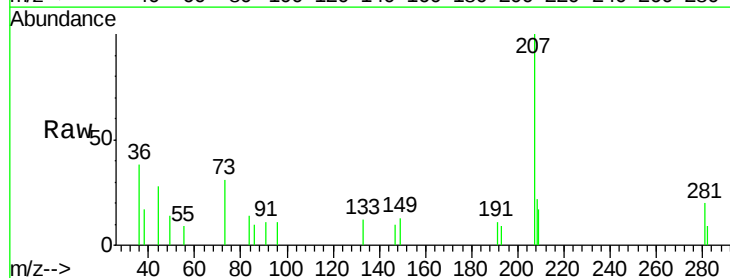
Tgt Ion:149 Resp: 331

Ion Ratio Lower Upper

149 100

91 80.1 64.4 96.6

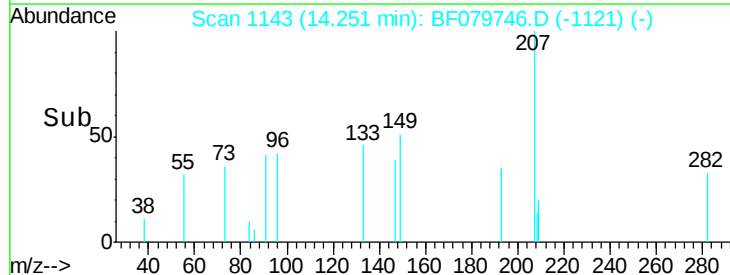
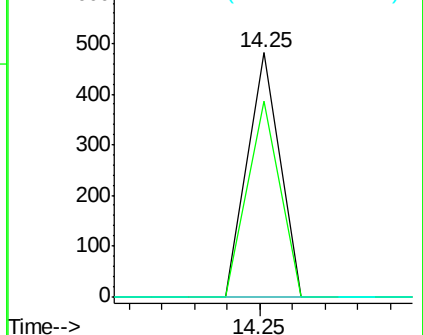
206 0.0 14.8 22.2#

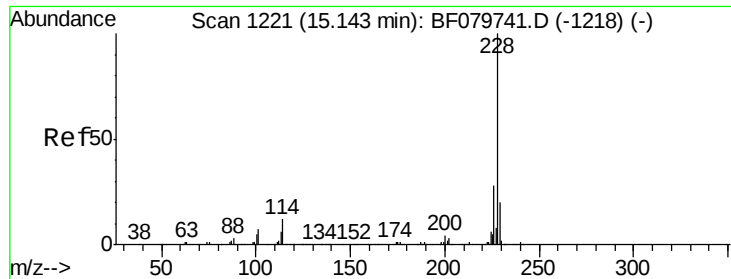


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

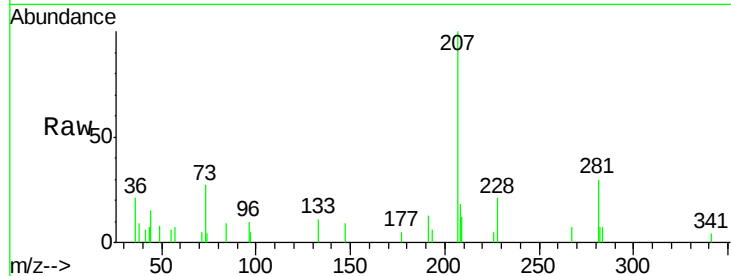




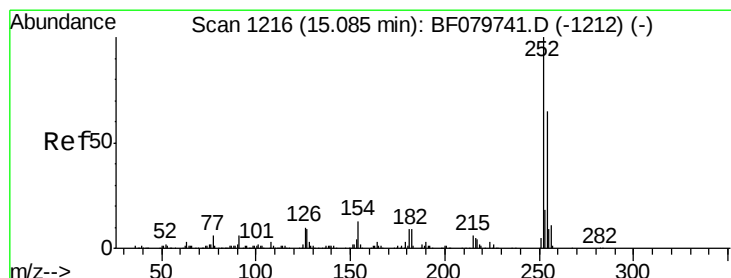
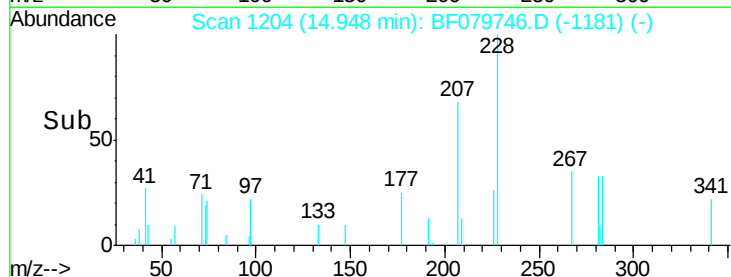
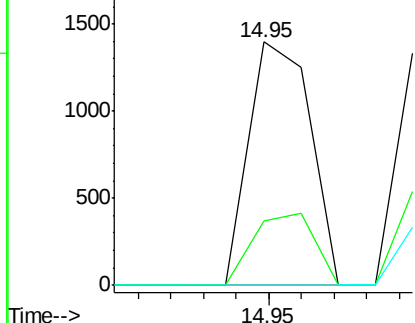
#80
Benzo(a)anthracene
Concen: 49.52 ng
RT: 14.95 min Scan# 1204
Delta R.T. 0.06 min
Lab File: BF079746.D
Acq: 6 Jun 2015 00:11

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:228 Resp: 1819
Ion Ratio Lower Upper
228 100
226 26.3 22.2 33.4
229 0.0 16.6 25.0#

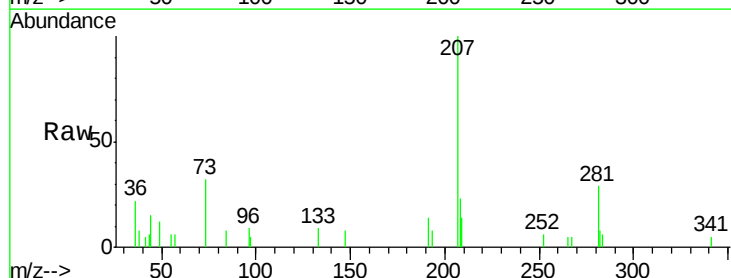


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

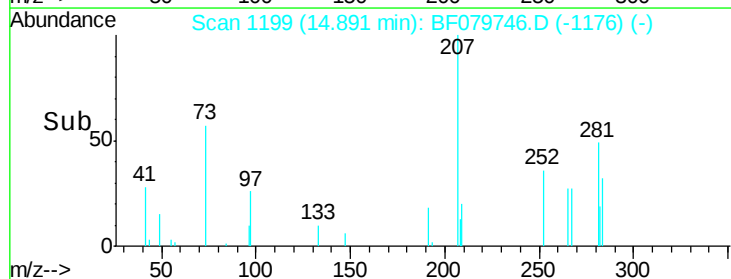
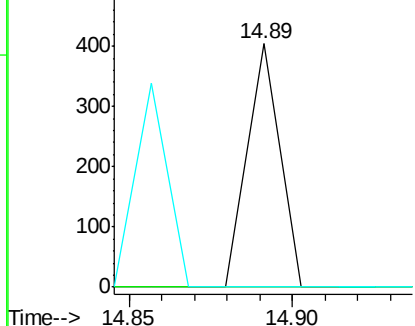


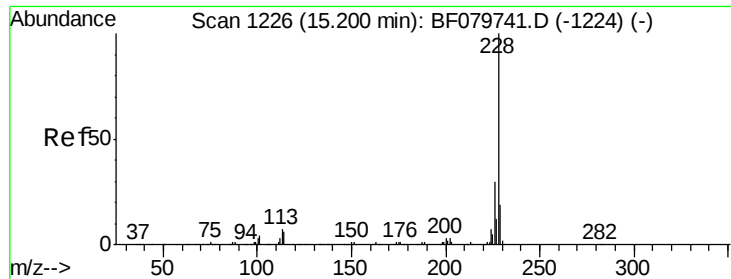
#81
3,3'-Dichlorobenzidine
Concen: 22.20 ng
RT: 14.89 min Scan# 1199
Delta R.T. 0.06 min
Lab File: BF079746.D
Acq: 6 Jun 2015 00:11

Tgt Ion:252 Resp: 277
Ion Ratio Lower Upper
252 100
254 0.0 52.0 78.0#
126 0.0 6.9 10.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 58.70 ng

RT: 15.01 min Scan# 1209

Delta R.T. 0.07 min

Lab File: BF079746.D

Acq: 6 Jun 2015 00:11

Instrument :

BNA_F

ClientSampleId :

DFTPP

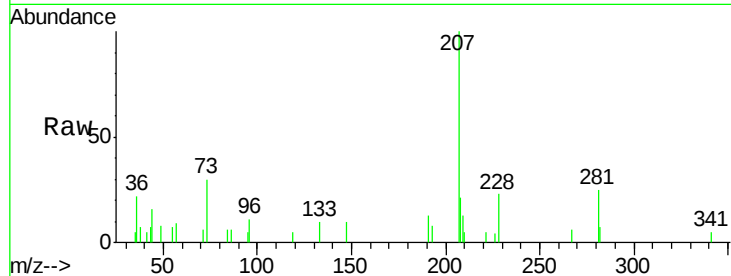
Tot Ion:228 Resp: 1993

Ion Ratio Lower Upper

228 100

226 19.5 25.2 37.8#

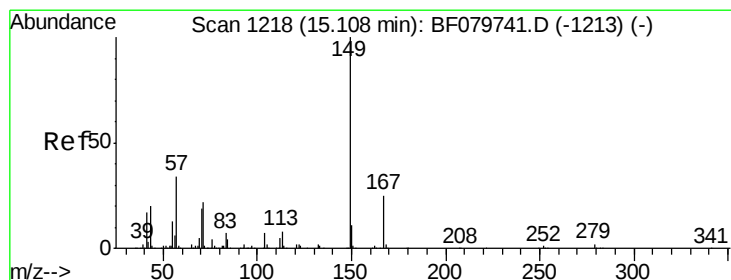
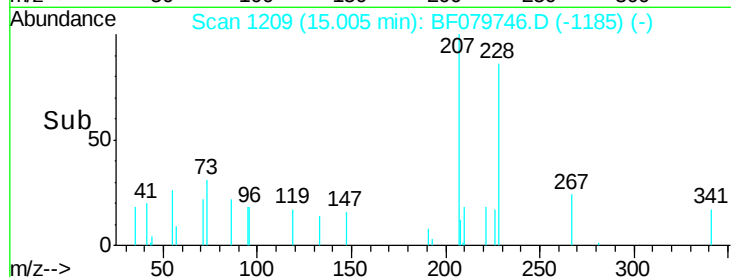
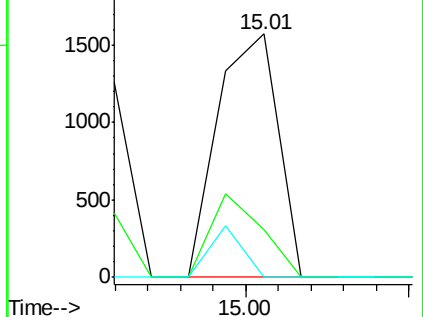
229 0.0 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 68.10 ng

RT: 14.91 min Scan# 1201

Delta R.T. 0.07 min

Lab File: BF079746.D

Acq: 6 Jun 2015 00:11

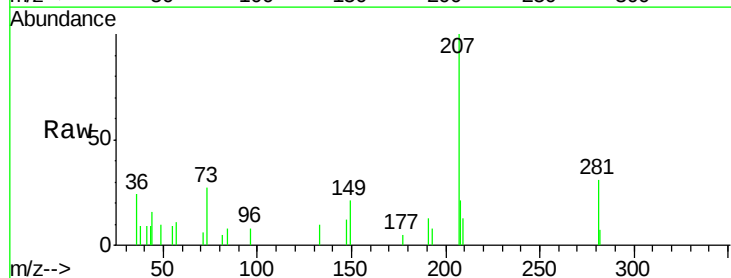
Tgt Ion:149 Resp: 1578

Ion Ratio Lower Upper

149 100

167 0.0 20.9 31.3#

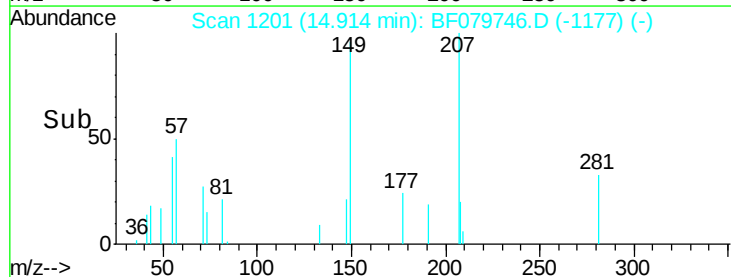
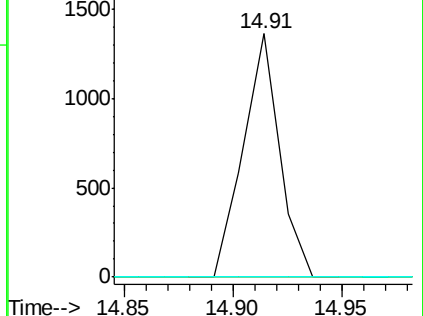
279 0.0 2.2 3.2#

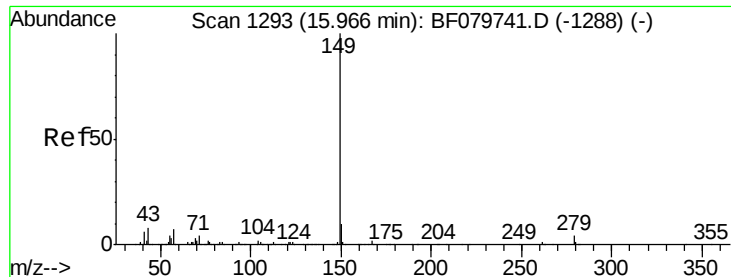


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

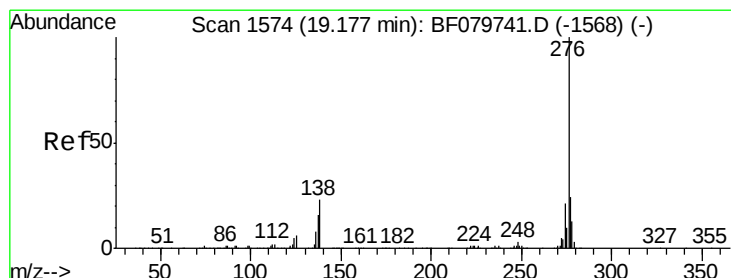
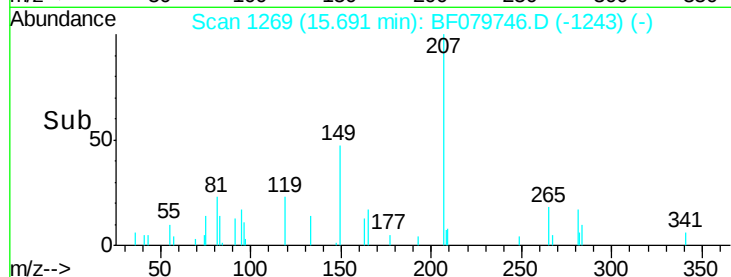
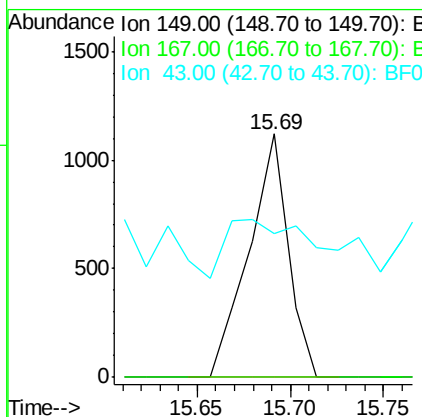
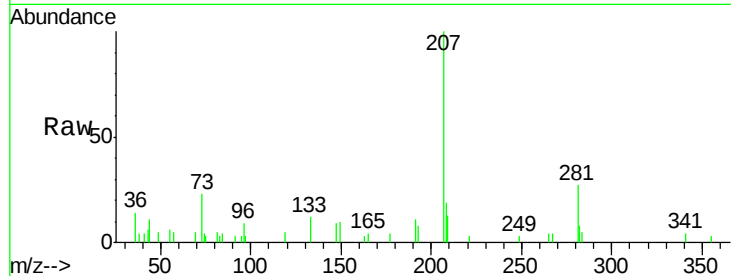




#84
Di-n-octyl phthalate
Concen: 40.14 ng
RT: 15.69 min Scan# 1269
Delta R.T. 0.09 min
Lab File: BF079746.D
Acq: 6 Jun 2015 00:11

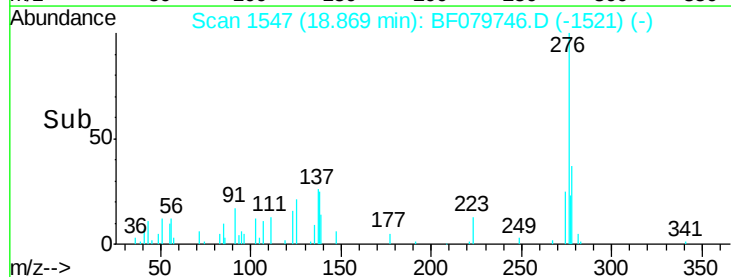
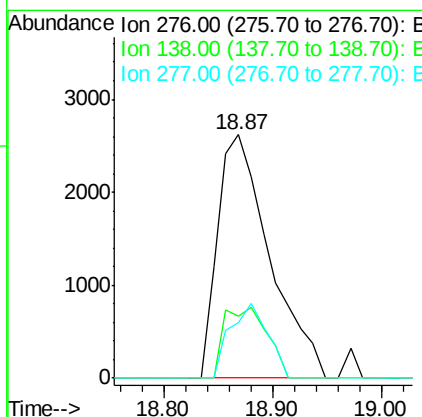
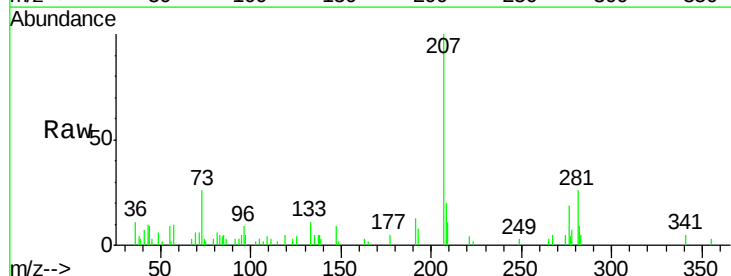
Instrument :
BNA_F
ClientSampled :
DFTPP

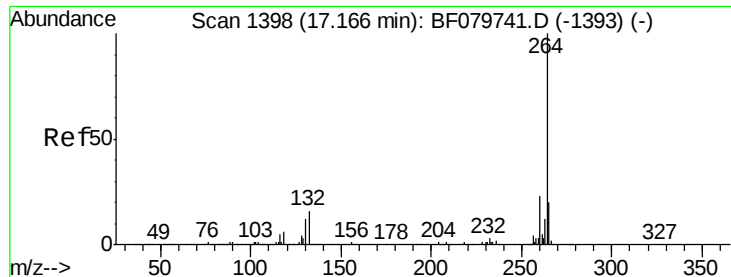
Tot Ion:149 Resp: 1638
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 63.2 9.0 13.4#



#85
Indeno(1,2,3-cd)pyrene
Concen: 220.78 ng
RT: 18.87 min Scan# 1547
Delta R.T. 0.09 min
Lab File: BF079746.D
Acq: 6 Jun 2015 00:11

Tgt Ion:276 Resp: 8677
Ion Ratio Lower Upper
276 100
138 24.1 20.8 31.2
277 22.2 20.0 30.0

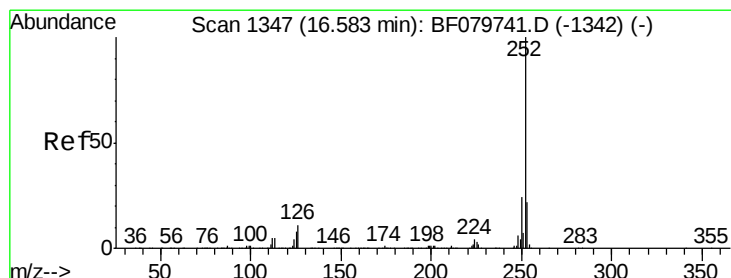
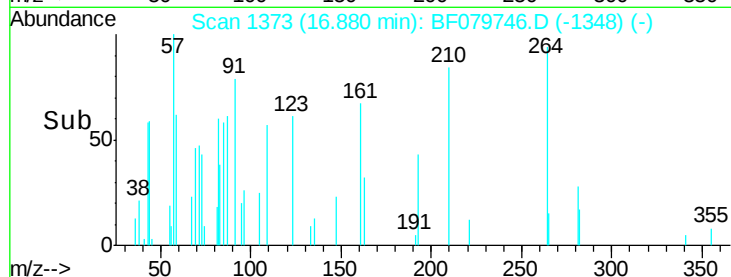
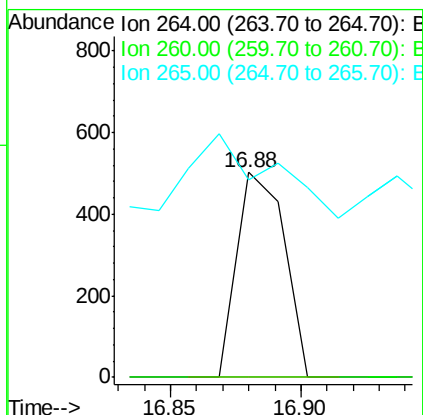
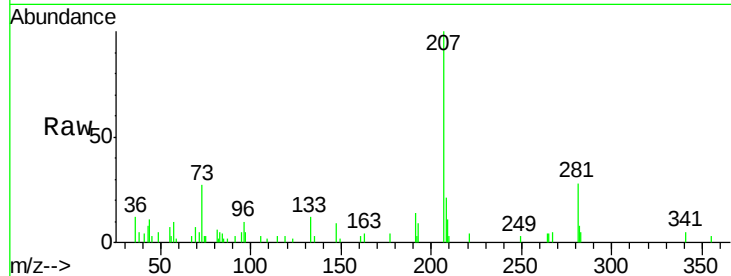




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.88 min Scan# 1373
Delta R.T. 0.08 min
Lab File: BF079746.D
Acq: 6 Jun 2015 00:11

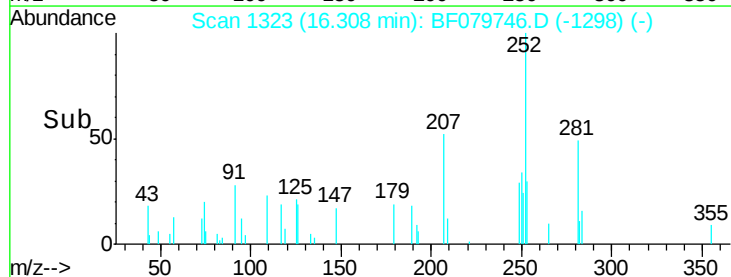
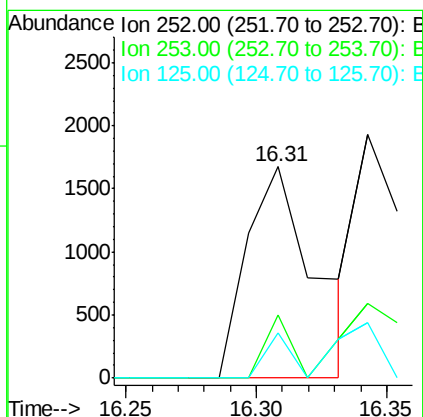
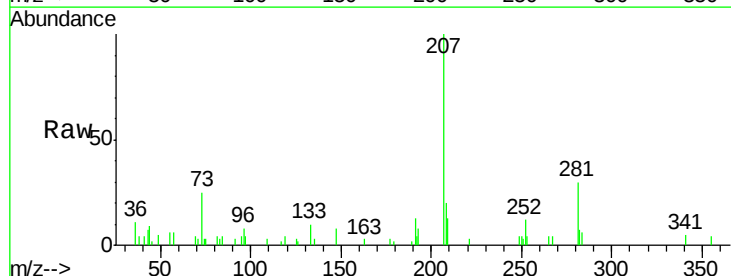
Instrument :
BNA_F
ClientSampled :
DFTPP

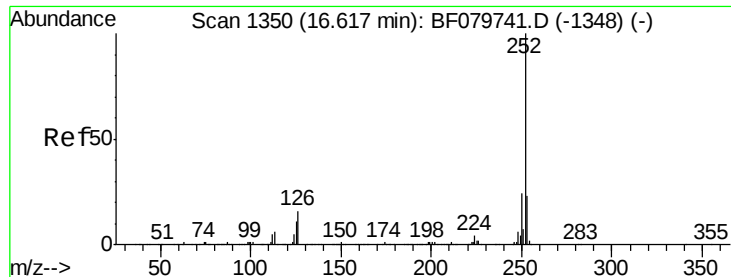
Tot Ion:264 Resp: 640
Ion Ratio Lower Upper
264 100
260 0.0 18.6 27.8#
265 96.8 18.2 27.4#



#87
Benzo(b)fluoranthene
Concen: 76.01 ng
RT: 16.31 min Scan# 1323
Delta R.T. 0.08 min
Lab File: BF079746.D
Acq: 6 Jun 2015 00:11

Tgt Ion:252 Resp: 3022
Ion Ratio Lower Upper
252 100
253 29.8 17.4 26.2#
125 21.2 6.5 9.7#

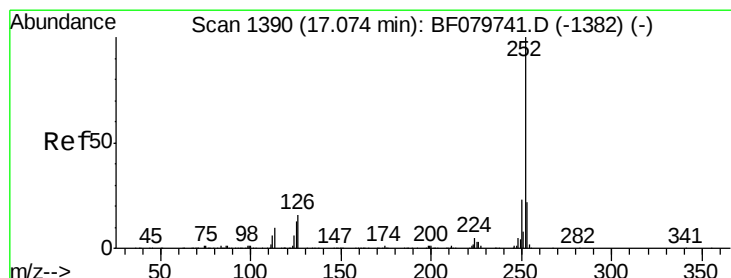
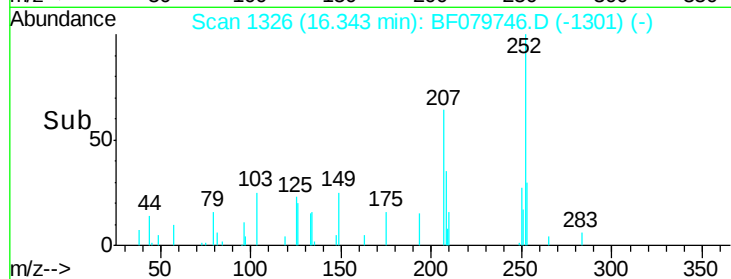
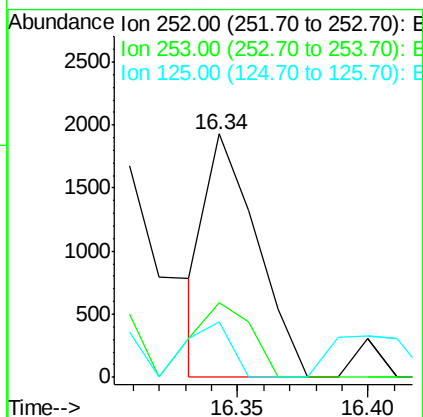
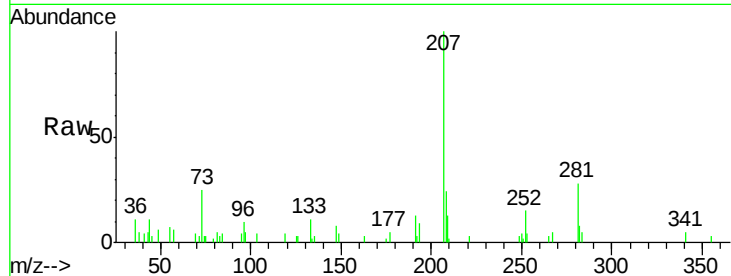




#88
Benzo(k)fluoranthene
Concen: 68.26 ng
RT: 16.34 min Scan# 1326
Delta R.T. 0.08 min
Lab File: BF079746.D
Acq: 6 Jun 2015 00:11

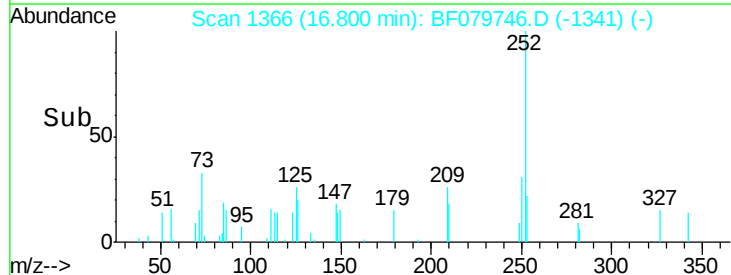
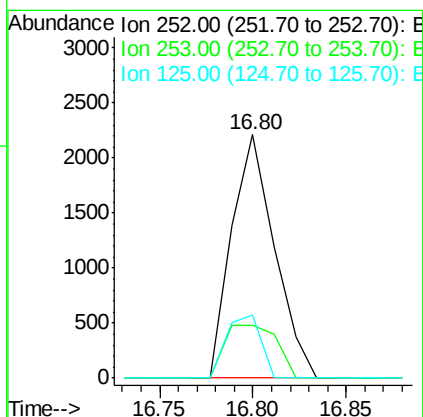
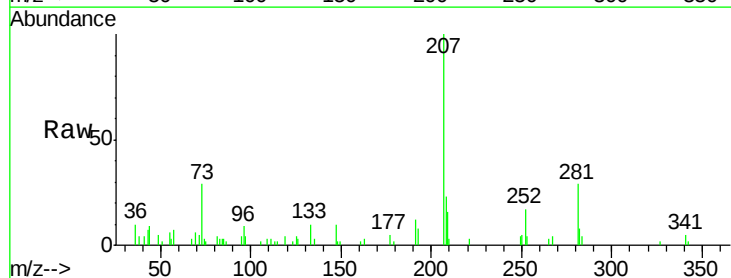
Instrument :
BNA_F
ClientSampled :
DFTPP

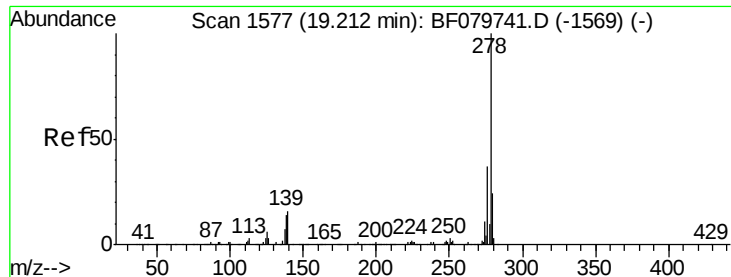
Tot Ion:252 Resp: 2603
Ion Ratio Lower Upper
252 100
253 30.5 17.8 26.8#
125 22.9 8.4 12.6#



#89
Benzo(a)pyrene
Concen: 96.54 ng
RT: 16.80 min Scan# 1366
Delta R.T. 0.08 min
Lab File: BF079746.D
Acq: 6 Jun 2015 00:11

Tgt Ion:252 Resp: 3543
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 25.8 7.4 11.0#





#90

Dibenzo(a,h)anthracene

Concen: 216.65 ng

RT: 18.89 min Scan# 1549

Delta R.T. 0.09 min

Lab File: BF079746.D

Acq: 6 Jun 2015 00:11

Instrument :

BNA_F

ClientSampleId :

DFTPP

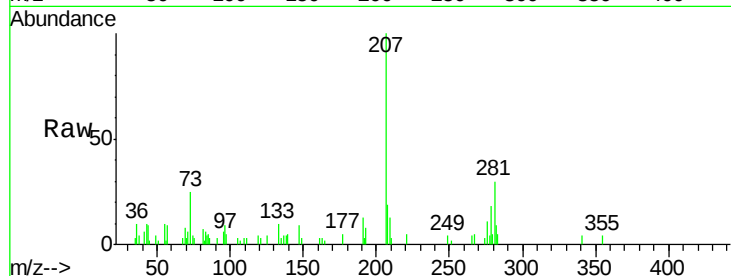
Tot Ion:278 Resp: 7674

Ion Ratio Lower Upper

278 100

139 26.8 12.7 19.1#

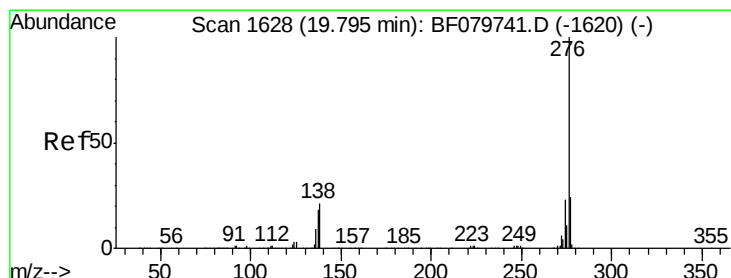
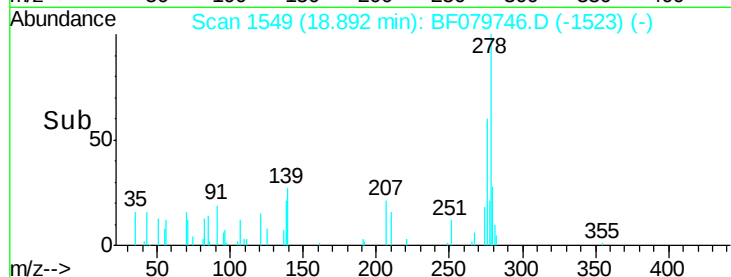
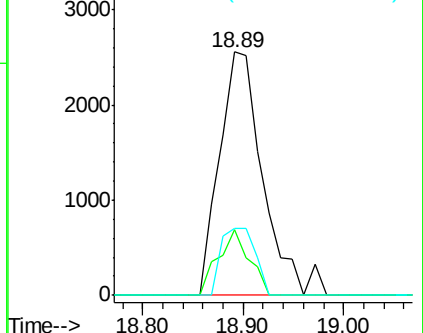
279 27.5 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 183.80 ng

RT: 19.46 min Scan# 1599

Delta R.T. 0.09 min

Lab File: BF079746.D

Acq: 6 Jun 2015 00:11

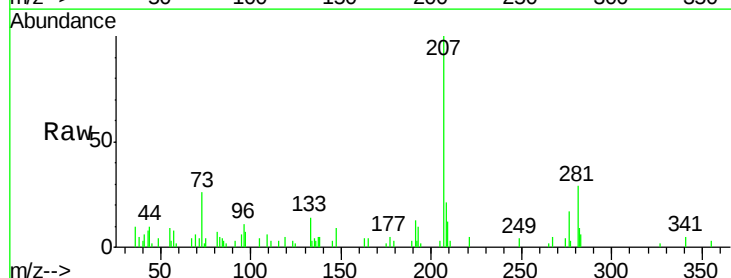
Tgt Ion:276 Resp: 6731

Ion Ratio Lower Upper

276 100

277 19.9 18.8 28.2

138 29.1 18.2 27.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

