

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086299.D
 Acq On : 20 Apr 2016 9:50
 Operator : UM/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Apr 21 08:26:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 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	-6.90
21) Naphthalene-d8	8.14	136	322	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	267	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	2183	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	880	20.00	ng	-0.03
86) Perylene-d12	15.44	264	1251	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.42	82	259	46.07	ng	-0.03
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.23	172	1743	144.36	ng	-0.03
78) Terphenyl-d14	12.97	244	2935	79.39	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
24) Nitrobenzene	7.29	77	443	73.65	ng	# 37
25) Isophorone	7.68	82	831	78.01	ng	# 67
31) Naphthalene	8.17	128	1047	68.21	ng	# 67
33) 4-Chloroaniline	8.24	127	539	84.84	ng	# 44
36) 4-Chloro-3-methylphenol	8.43	107	256	54.71	ng	# 19
37) 2-Methylnaphthalene	8.86	142	879	92.74	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	287	40.38	ng	# 25
45) 1,1'-Biphenyl	9.33	154	912	43.49	ng	# 42
46) 2-Chloronaphthalene	9.34	162	998	62.81	ng	# 35
48) Acenaphthylene	9.76	152	1831	73.80	ng	# 47
49) Dimethylphthalate	9.62	163	568	27.94	ng	# 76
51) Acenaphthene	9.93	154	815	55.99	ng	# 98
54) Dibenzofuran	10.11	168	1201	60.68	ng	# 69
55) 4-Nitrophenol	10.11	139	532	161.29	ng	# 3
57) Fluorene	10.44	166	1571	107.12	ng	# 85
58) 2,3,4,6-Tetrachlorophenol	10.22	232	3503	972.27	ng	# 83
59) Diethylphthalate	10.32	149	1463	73.76	ng	# 60
60) 4-Chlorophenyl-phenylether	10.44	204	339	49.91	ng	# 73
62) Azobenzene	10.60	77	1756	89.80	ng	# 64
65) n-Nitrosodiphenylamine	10.56	169	763	10.61	ng	# 73
66) 4-Bromophenyl-phenylether	10.93	248	224	9.55	ng	# 6
67) Hexachlorobenzene	10.99	284	248	10.53	ng	# 32
68) Atrazine	11.18	200	47474	2147.56	ng	# 37
69) Pentachlorophenol	11.18	266	233338	18920.97	ng	97
70) Phenanthrene	11.40	178	5804	56.11	ng	98
71) Anthracene	11.40	178	5804	52.39	ng	98
72) Carbazole	11.64	167	14601	139.28	ng	# 84
73) Di-n-butylphthalate	11.95	149	3537	26.20	ng	# 77
74) Fluoranthene	12.59	202	3728	38.87	ng	98
76) Benzidine	12.73	184	1464600	37699.79	ng	97
77) Pyrene	12.82	202	3882	59.47	ng	97
79) Butylbenzylphthalate	13.45	149	846	24.55	ng	# 26
80) Benzo(a)anthracene	14.00	228	1669	36.00	ng	# 40
81) 3,3'-Dichlorobenzidine	13.97	252	4202	131.06	ng	# 83

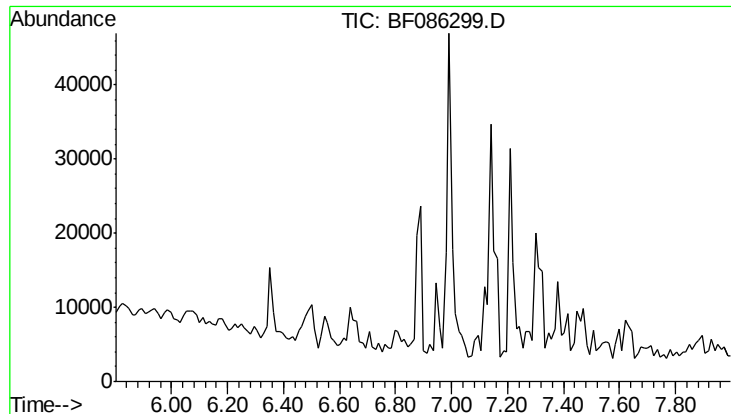
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086299.D
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Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	14.04	228	1602	31.97	ng	# 63
83) Bis(2-ethylhexyl)phthalate	14.01	149	3019	74.81	ng	# 86
84) Di-n-octyl phthalate	14.61	149	3734	51.34	ng	# 8
85) Indeno(1,2,3-cd)pyrene	16.82	276	1924	37.34	ng	# 58
87) Benzo(b)fluoranthene	15.03	252	4658	64.38	ng	# 63
88) Benzo(k)fluoranthene	15.03	252	4658	76.47	ng	# 61
89) Benzo(a)pyrene	15.38	252	2632	39.47	ng	# 79
90) Dibenzo(a,h)anthracene	16.84	278	1650	28.34	ng	# 54
91) Benzo(g,h,i)perylene	17.24	276	1768	31.67	ng	# 37

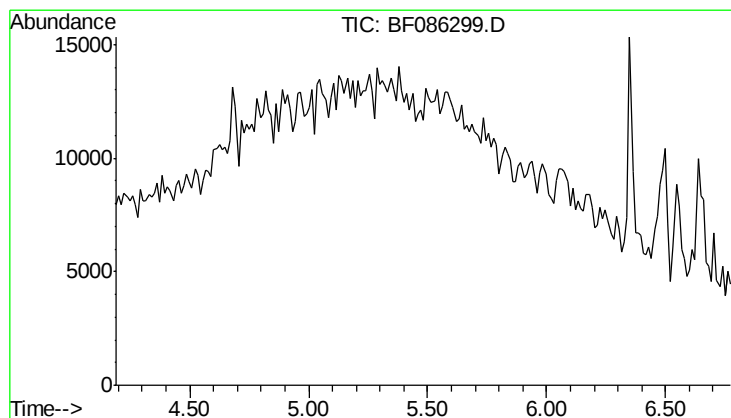
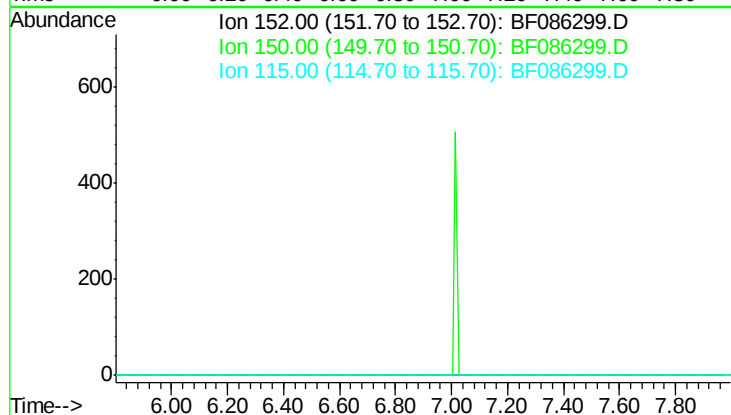
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.90 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

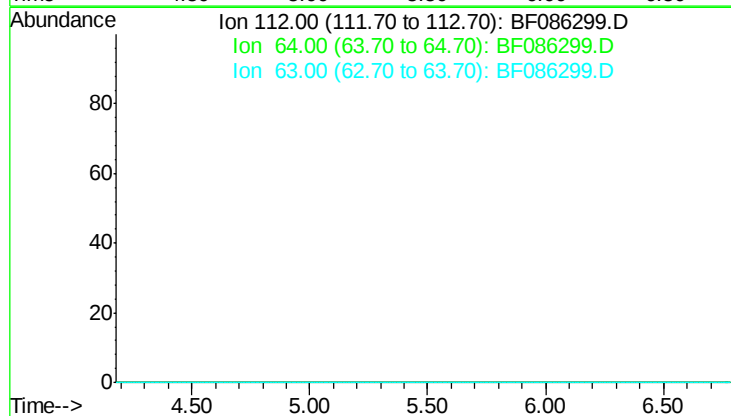
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

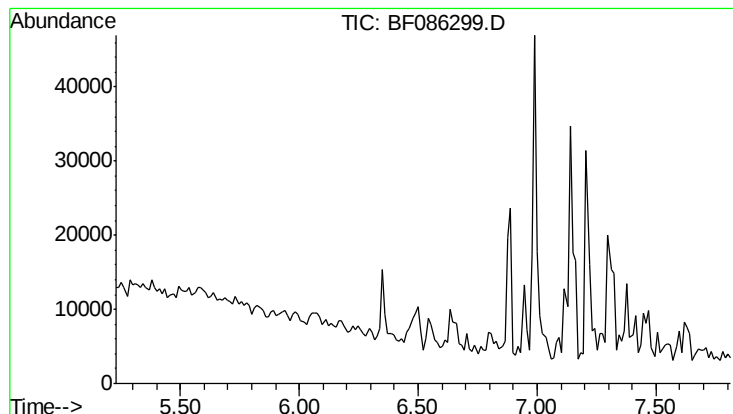
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 155.1
 115 54.9



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.48 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 60.1
 63 31.9





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.52 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

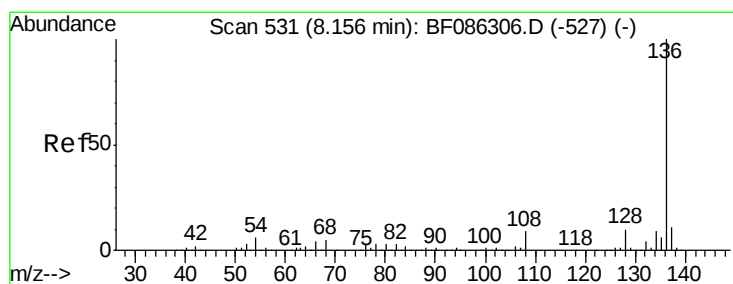
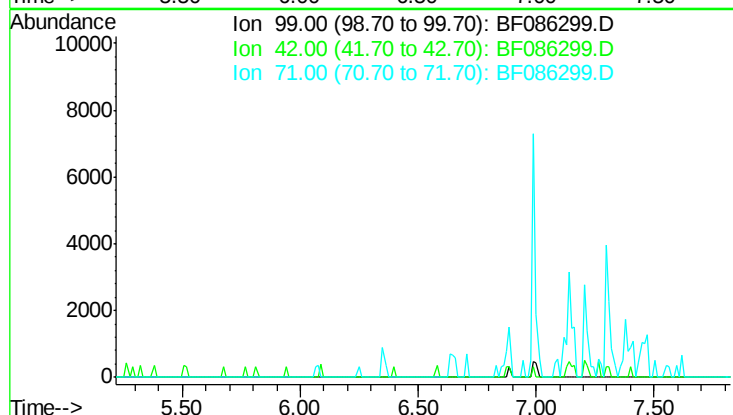
Tgt Ion: 99

Sig Exp Ratio

99 100

42 19.3

71 32.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Tgt Ion: 136 Resp: 322

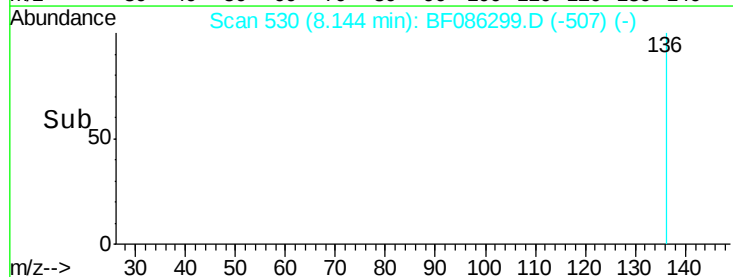
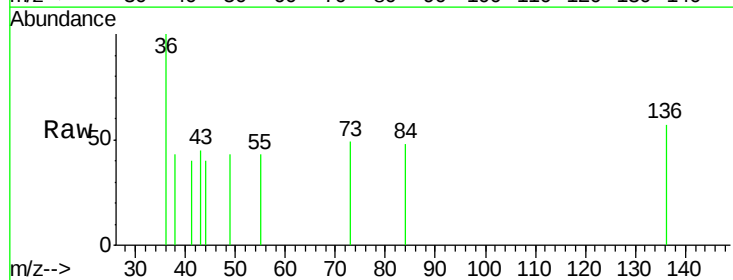
Ion Ratio Lower Upper

136 100

137 0.0 9.1 13.7#

54 0.0 7.3 10.9#

68 0.0 5.7 8.5#

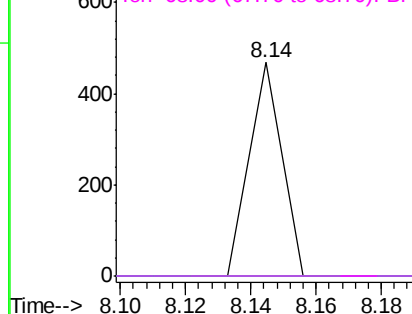


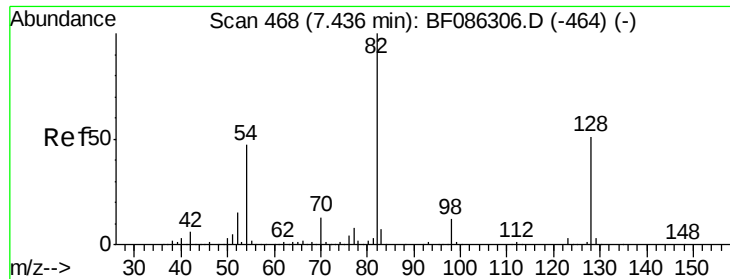
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

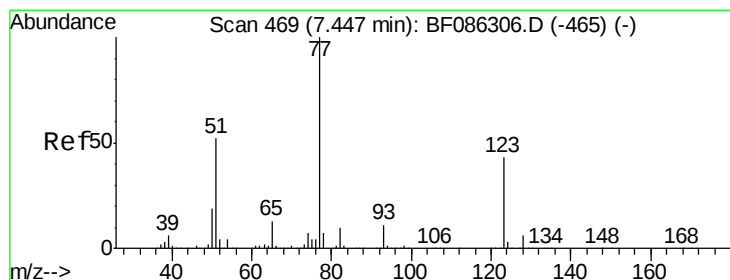
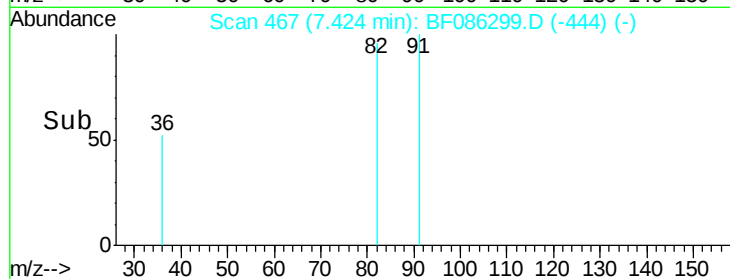
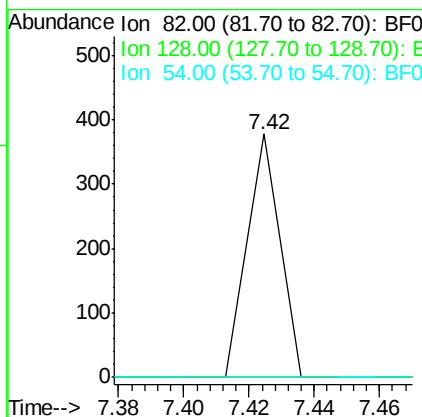
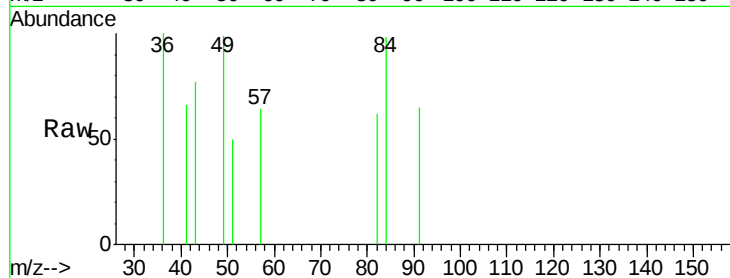




#23
 Nitrobenzene-d5
 Concen: 46.07 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

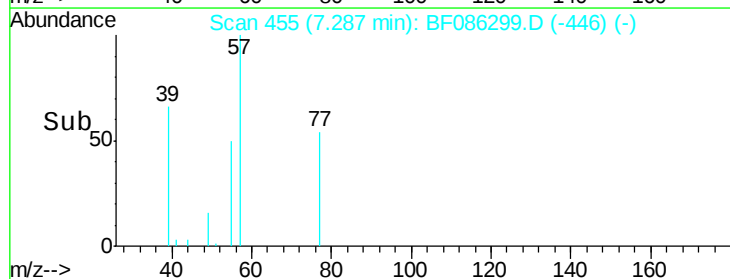
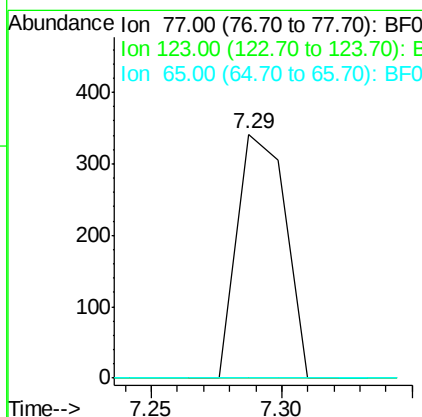
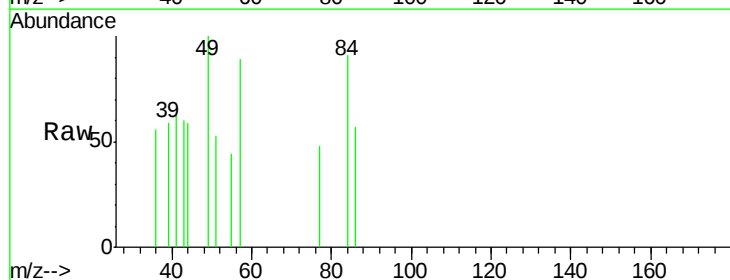
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

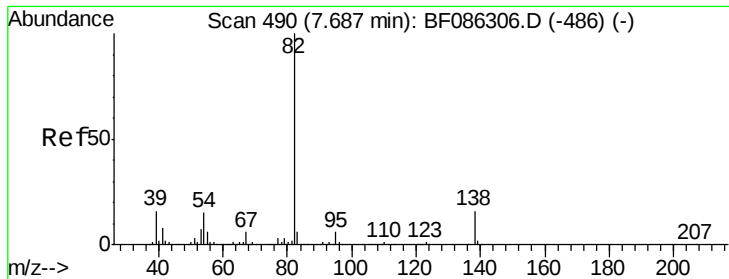
Tgt Ion	Ratio	Lower	Upper
82	100		
128	0.0	35.4	53.2#
54	0.0	43.4	65.0#



#24
 Nitrobenzene
 Concen: 73.65 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.19 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.3	57.5#
65	0.0	11.3	16.9#





#25

Isophorone

Concen: 78.01 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

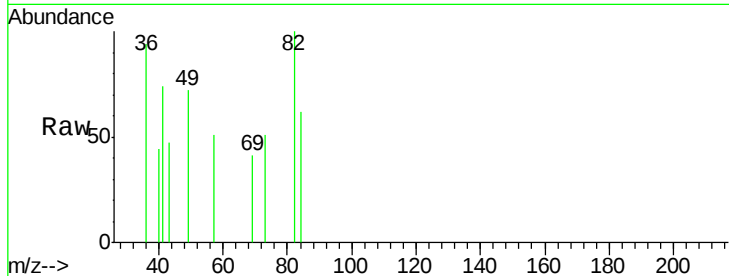
Tgt Ion: 82 Resp: 831

Ion Ratio Lower Upper

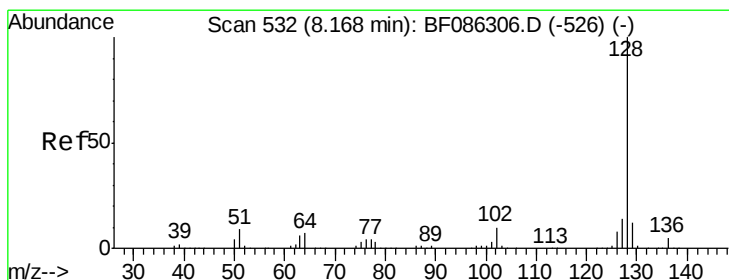
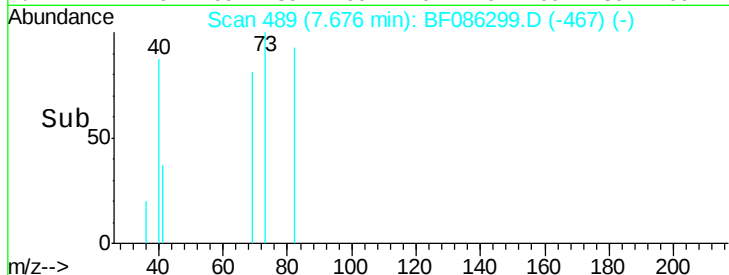
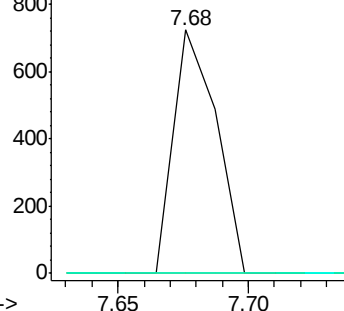
82 100

95 0.0 5.4 8.2#

138 0.0 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 68.21 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

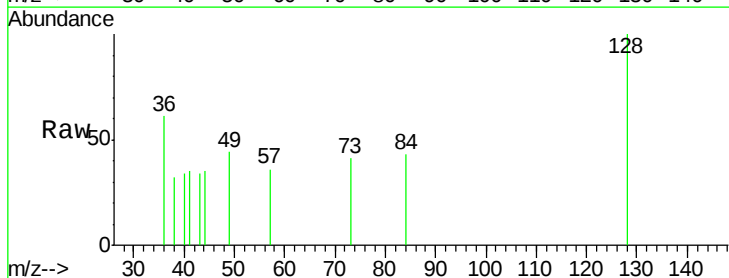
Tgt Ion: 128 Resp: 1047

Ion Ratio Lower Upper

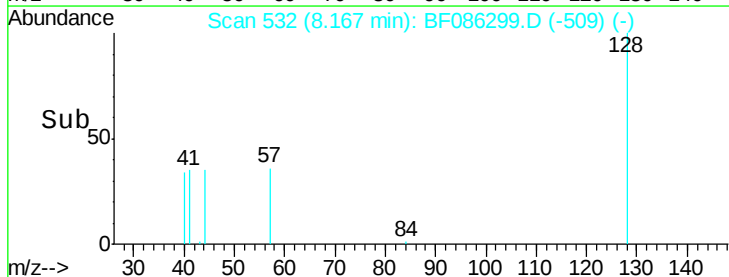
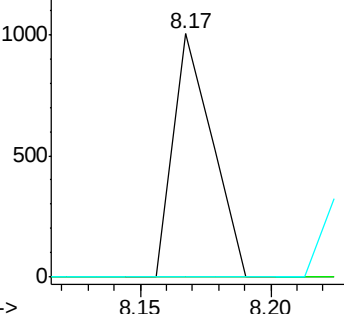
128 100

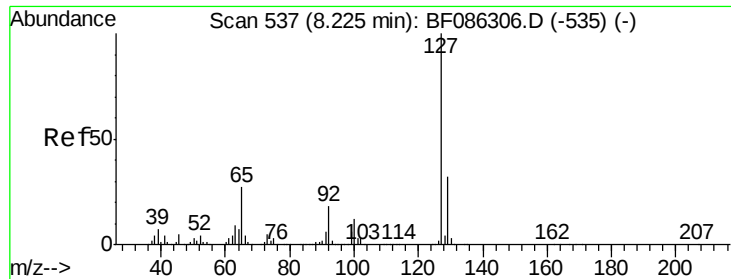
129 0.0 9.6 14.4#

127 0.0 11.4 17.2#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

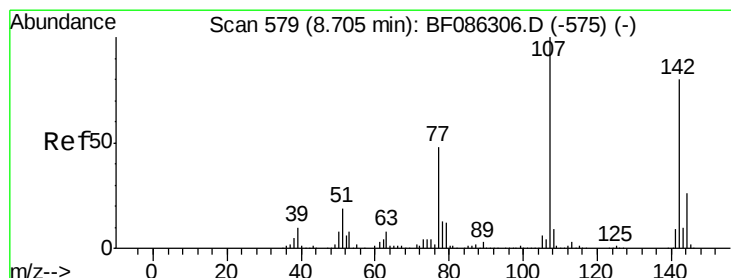
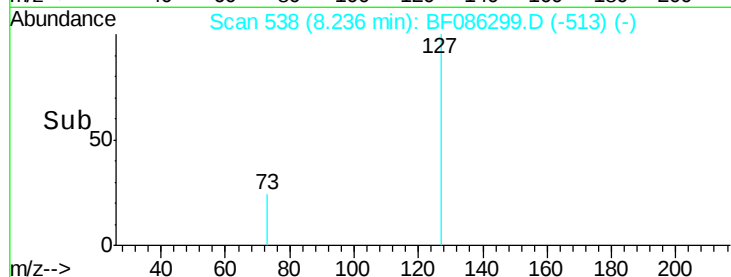
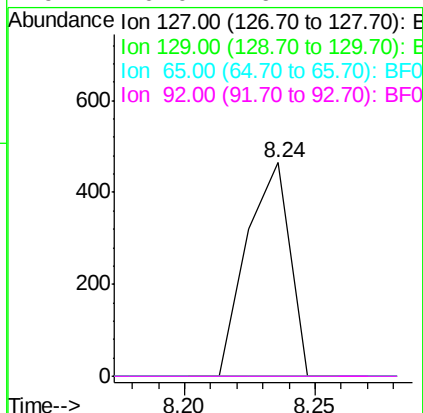
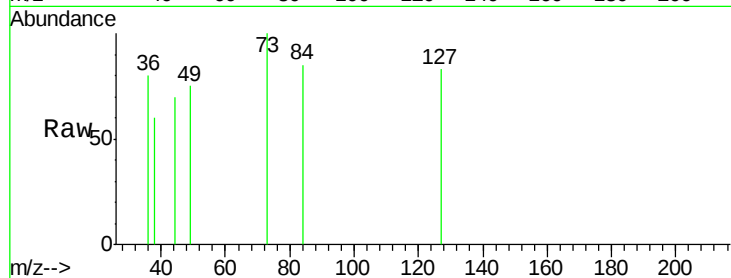




#33
4-Chloroaniline
Concen: 84.84 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF086299.D
Acq: 20 Apr 2016 9:50

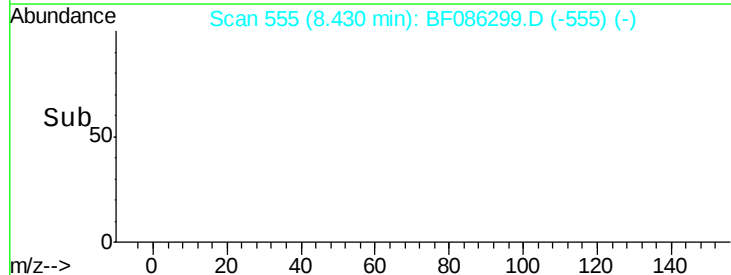
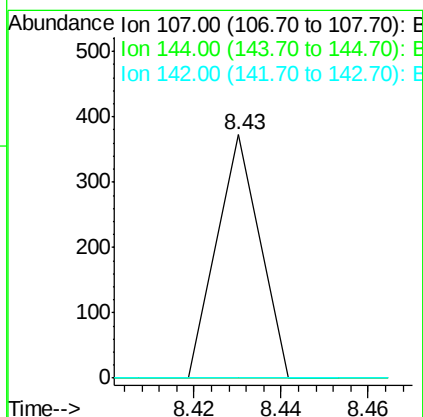
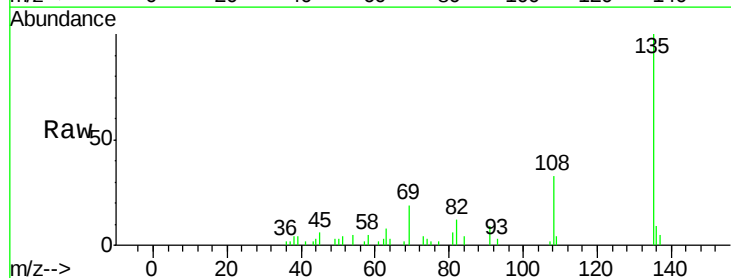
Instrument :
BNA_F
ClientSampleId :
DFTPP

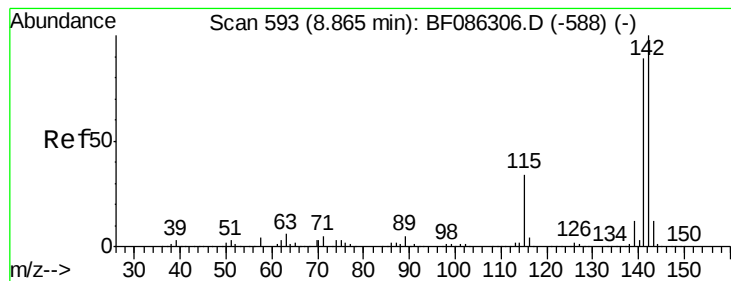
Tgt Ion:	127	Resp:	539
Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.8	40.2#
65	0.0	27.1	40.7#
92	0.0	16.2	24.2#



#36
4-Chloro-3-methylphenol
Concen: 54.71 ng
RT: 8.43 min Scan# 555
Delta R.T. -0.30 min
Lab File: BF086299.D
Acq: 20 Apr 2016 9:50

Tgt Ion:	107	Resp:	256
Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.7	31.1#
142	0.0	64.5	96.7#





#37

2-Methylnaphthalene

Concen: 92.74 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

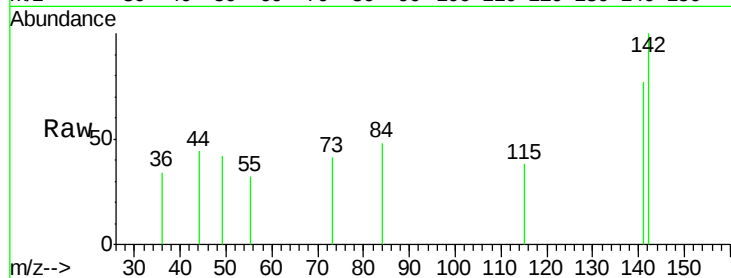
Tgt Ion:142 Resp: 879

Ion Ratio Lower Upper

142 100

141 77.4 71.1 106.7

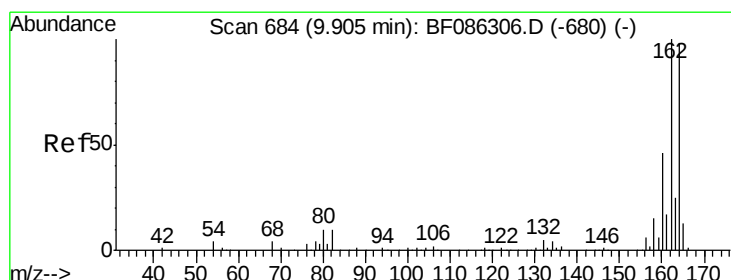
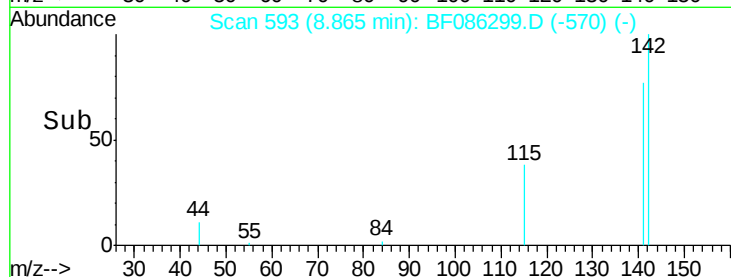
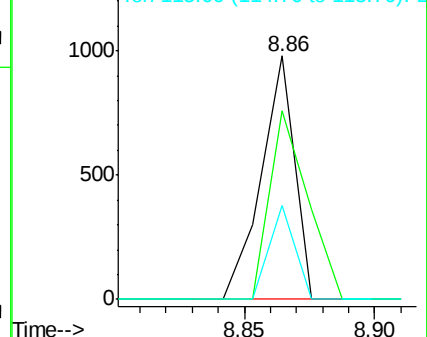
115 38.4 25.1 37.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

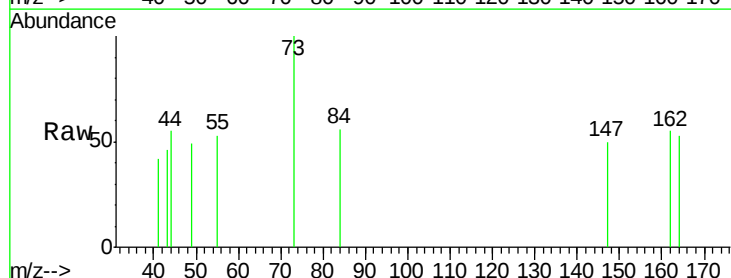
Tgt Ion:164 Resp: 267

Ion Ratio Lower Upper

164 100

162 105.1 82.8 124.2

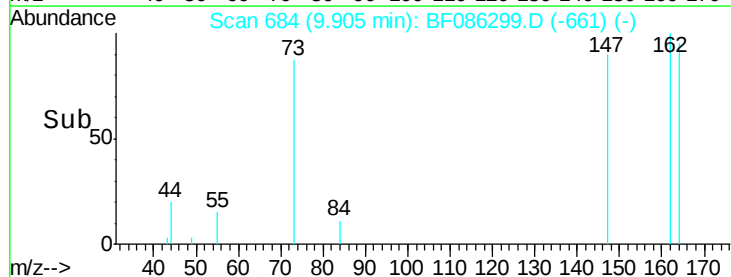
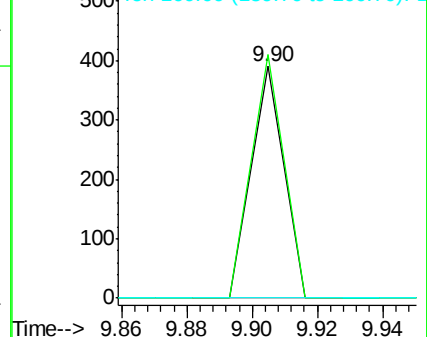
160 0.0 38.9 58.3#

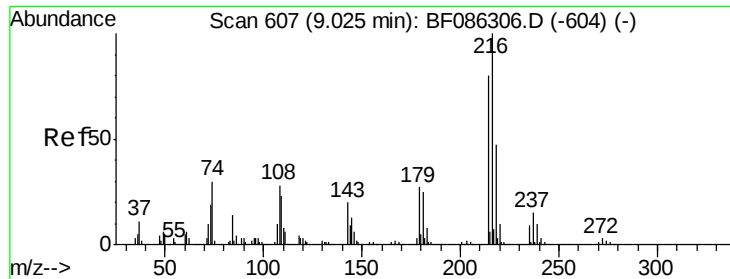


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

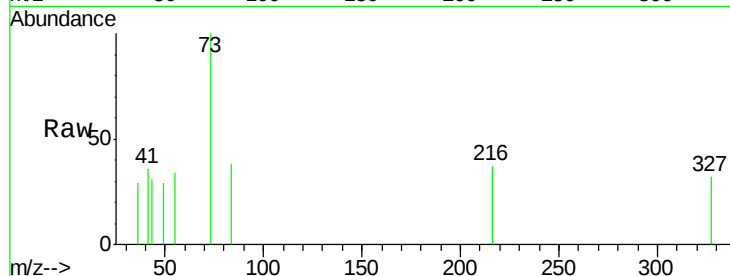




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.38 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
216	100		
214	0.0	64.9	97.3#
179	0.0	19.8	29.6#
108	0.0	21.0	31.4#



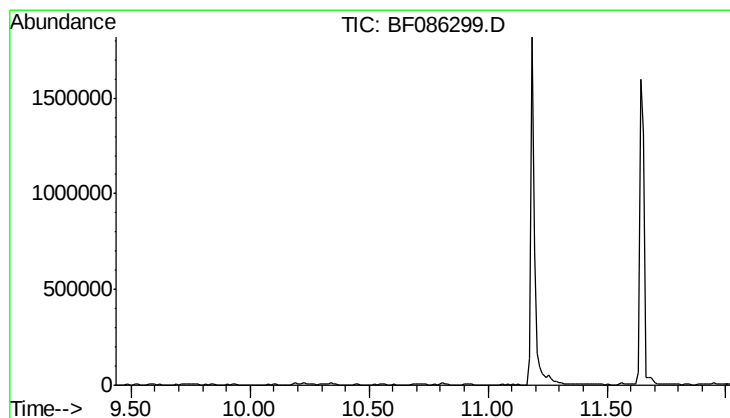
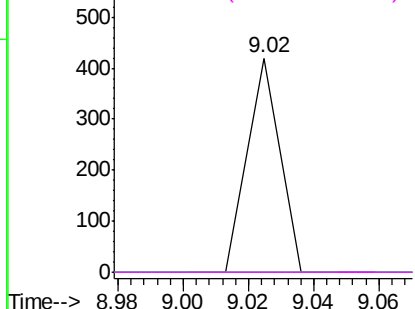
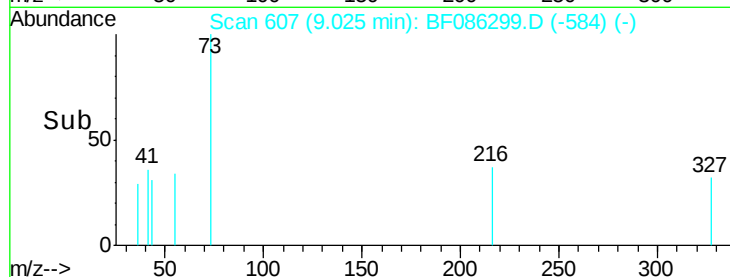
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

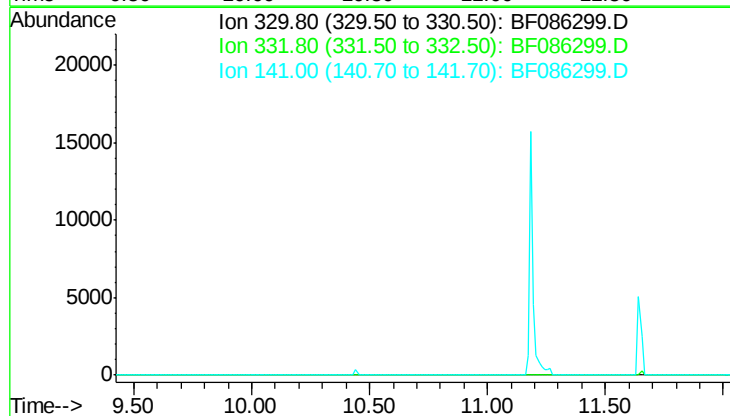
Ion 108.00 (107.70 to 108.70): E

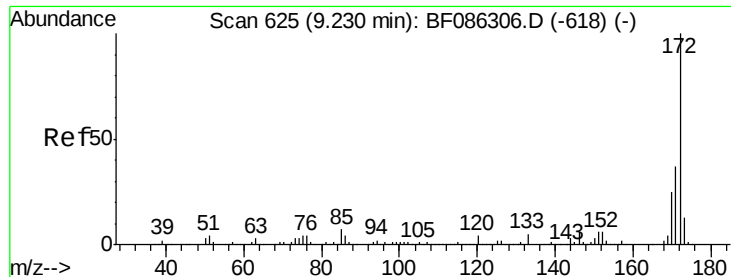


#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.73 min

Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Tgt Ion	Sig	Exp Ratio
330	100	
332	98.4	
141	35.7	

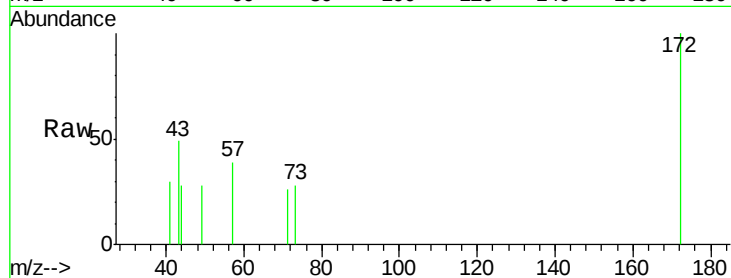




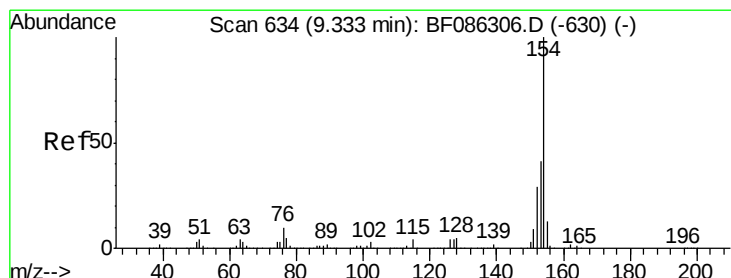
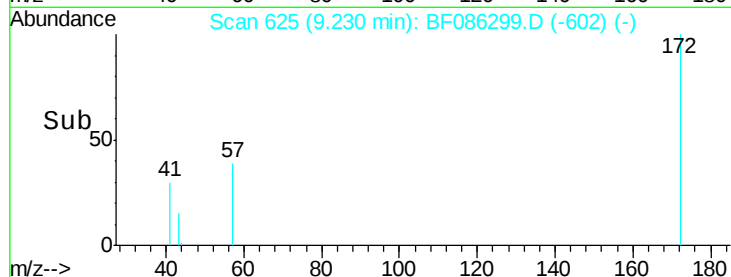
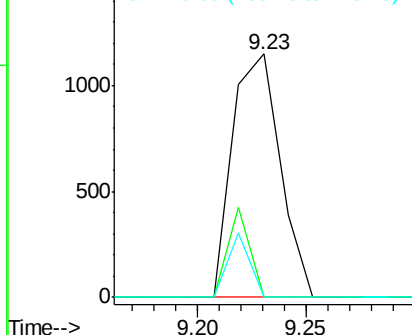
#44
 2-Fluorobiphenyl
 Concen: 144.36 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:172 Resp: 1743
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.1 43.7#
 170 0.0 19.9 29.9#

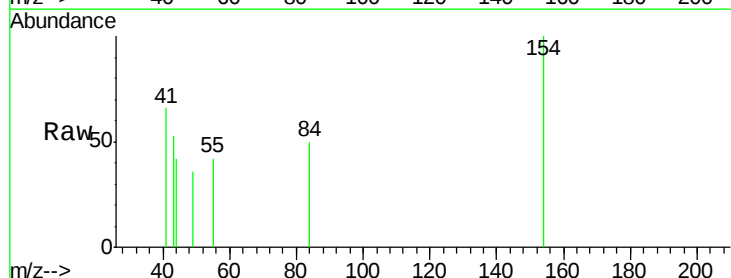


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

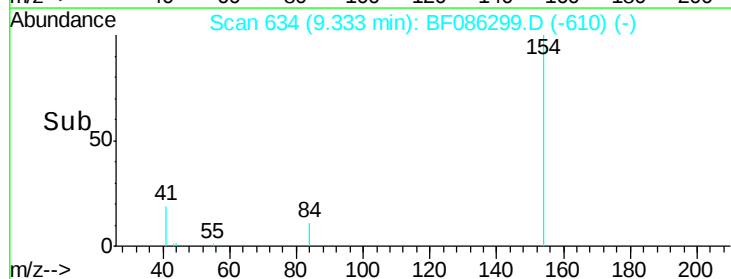
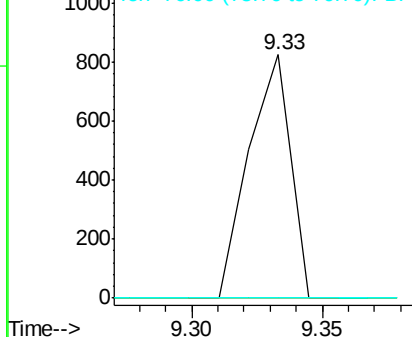


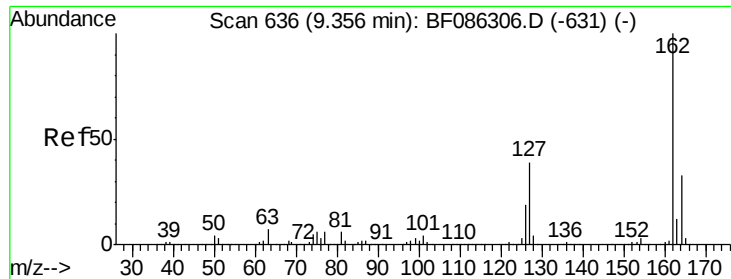
#45
 1,1'-Biphenyl
 Concen: 43.49 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Tgt Ion:154 Resp: 912
 Ion Ratio Lower Upper
 154 100
 153 0.0 21.3 61.3#
 76 0.0 0.0 36.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

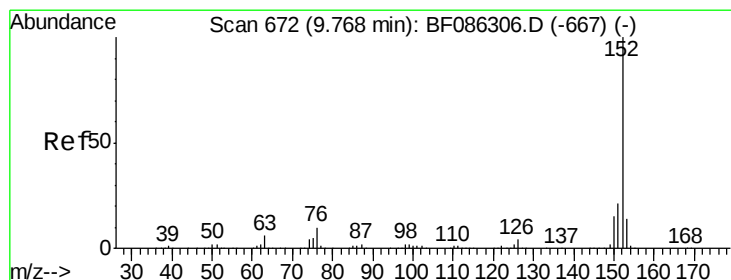
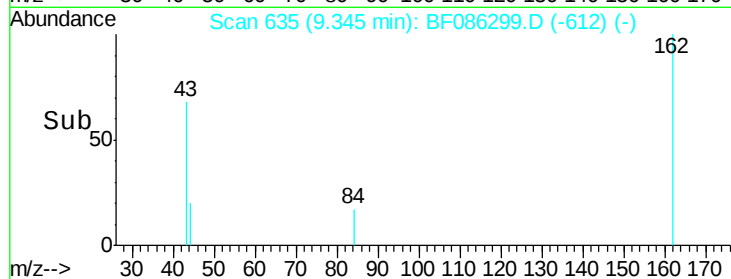
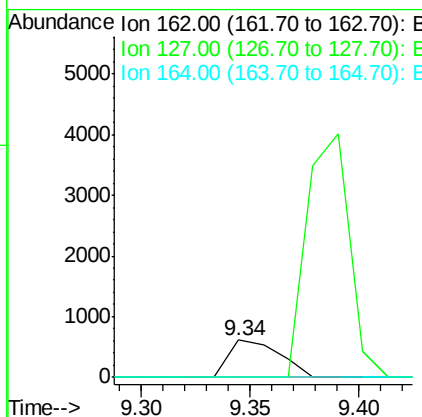
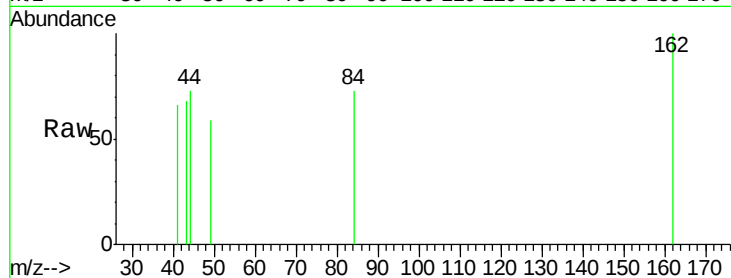




#46
 2-Chloronaphthalene
 Concen: 62.81 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

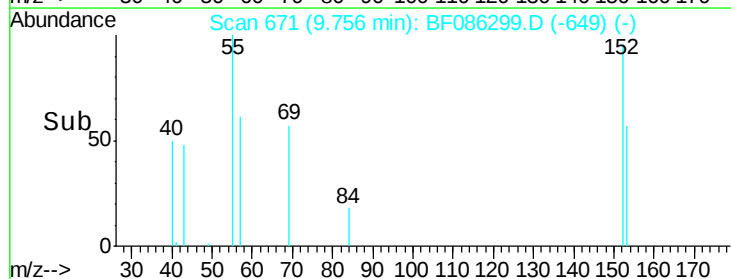
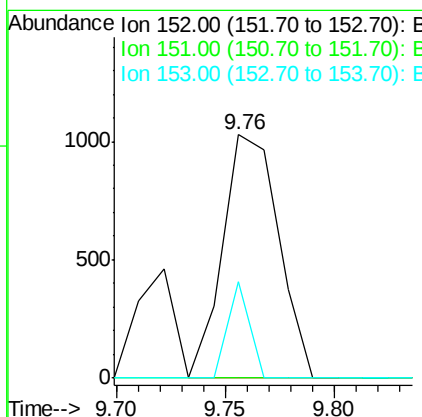
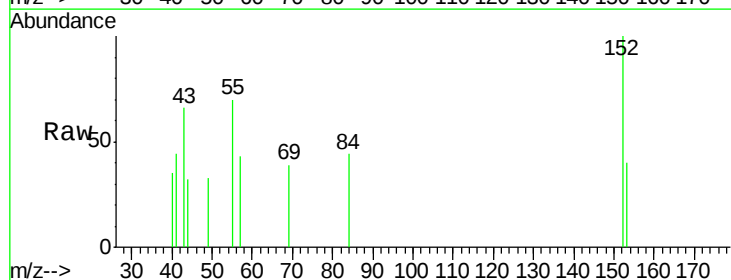
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

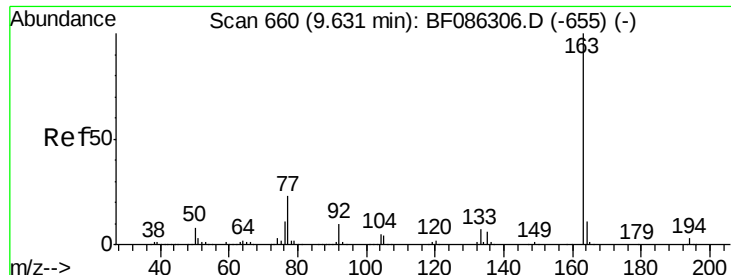
Tgt Ion:162 Resp: 998
 Ion Ratio Lower Upper
 162 100
 127 0.0 36.7 55.1#
 164 0.0 26.4 39.6#



#48
 Acenaphthylene
 Concen: 73.80 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.04 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Tgt Ion:152 Resp: 1831
 Ion Ratio Lower Upper
 152 100
 151 0.0 17.2 25.8#
 153 39.7 10.7 16.1#





#49

Dimethylphthalate

Concen: 27.94 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

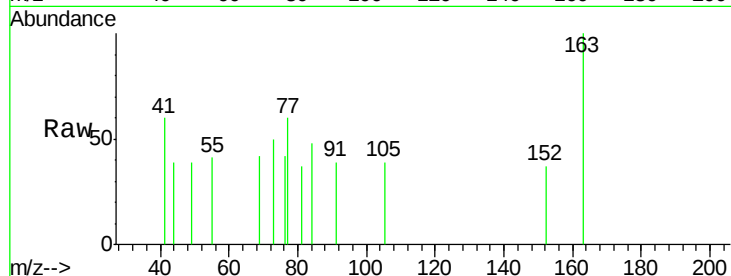
Tgt Ion:163 Resp: 568

Ion Ratio Lower Upper

163 100

194 0.0 2.8 4.2#

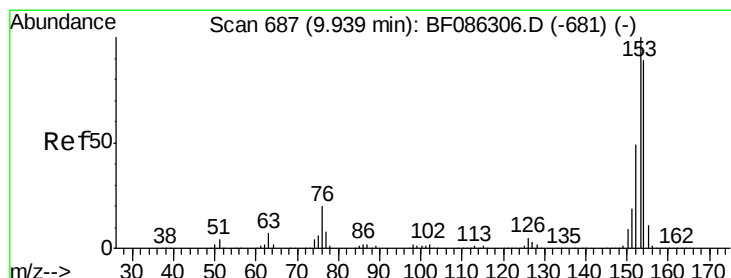
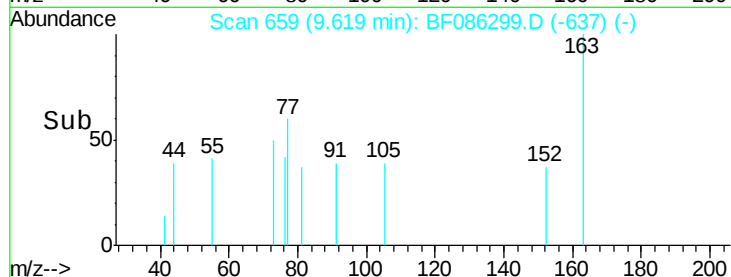
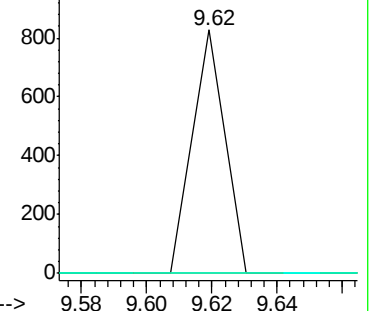
164 0.0 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 55.99 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.05 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

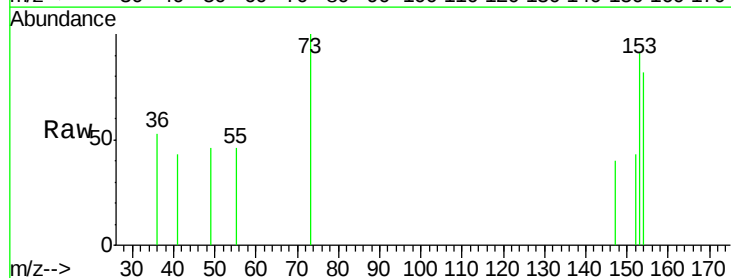
Tgt Ion:154 Resp: 815

Ion Ratio Lower Upper

154 100

153 111.0 90.0 135.0

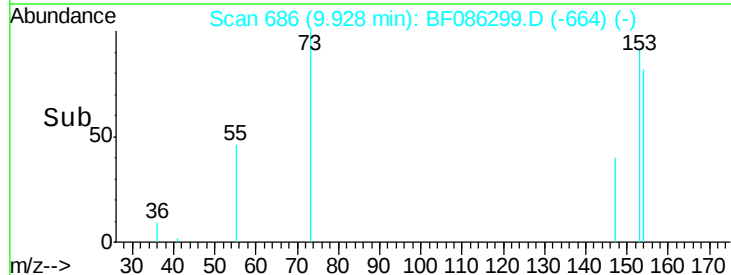
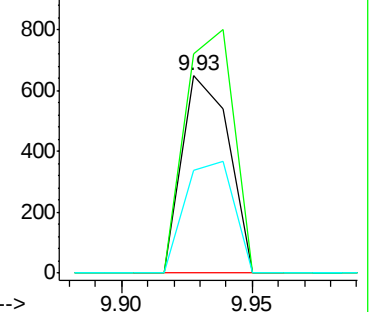
152 52.2 44.3 66.5

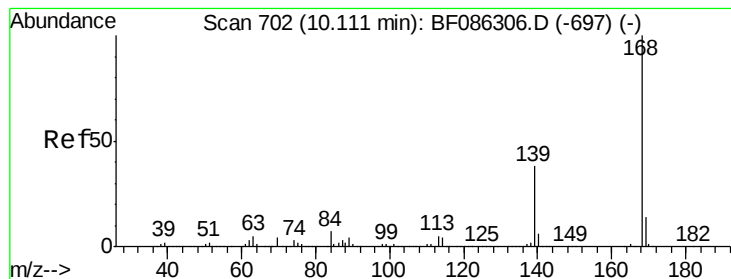


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 60.68 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

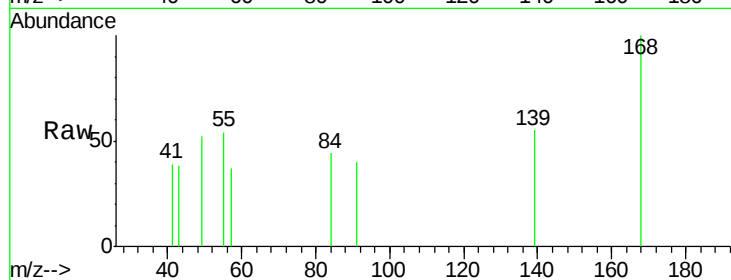
Tgt Ion:168 Resp: 1201

Ion Ratio Lower Upper

168 100

139 54.6 29.5 44.3#

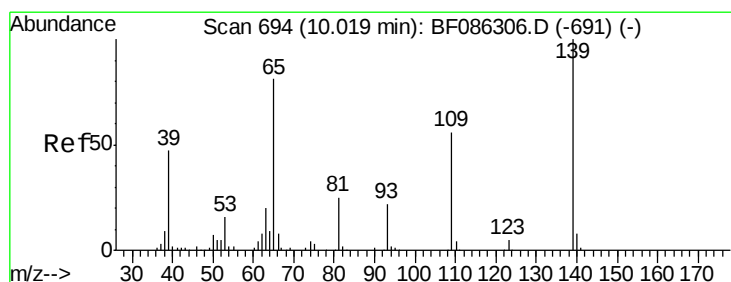
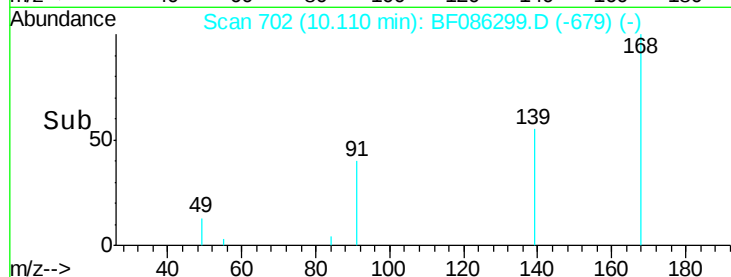
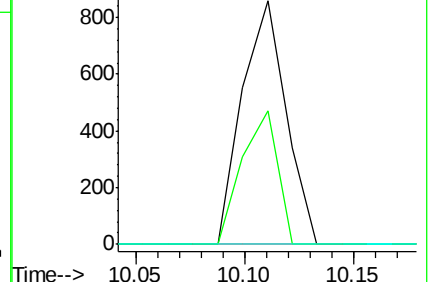
169 0.0 10.6 16.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 161.29 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.08 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

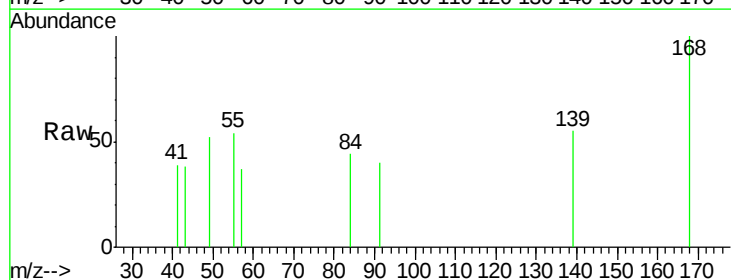
Tgt Ion:139 Resp: 532

Ion Ratio Lower Upper

139 100

109 0.0 55.0 95.0#

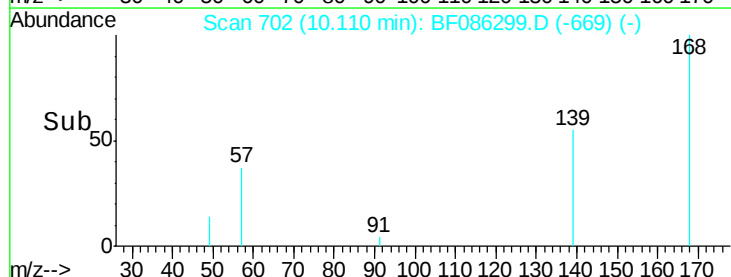
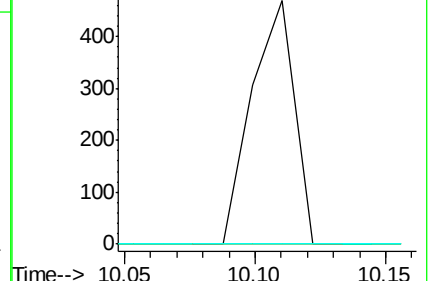
65 0.0 87.3 127.3#

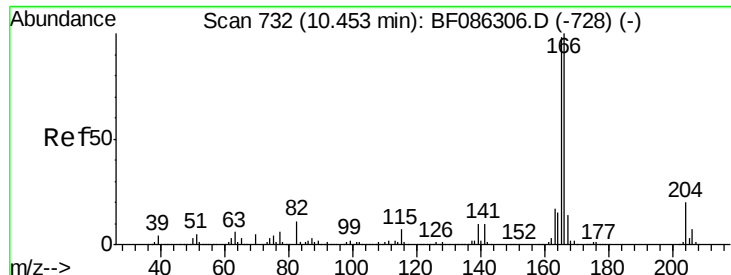


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

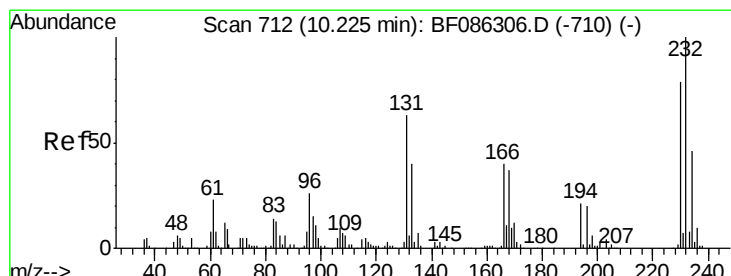
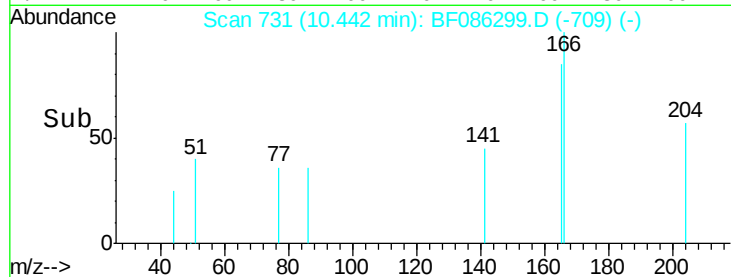
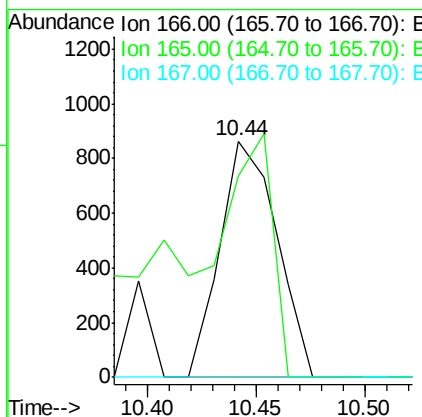
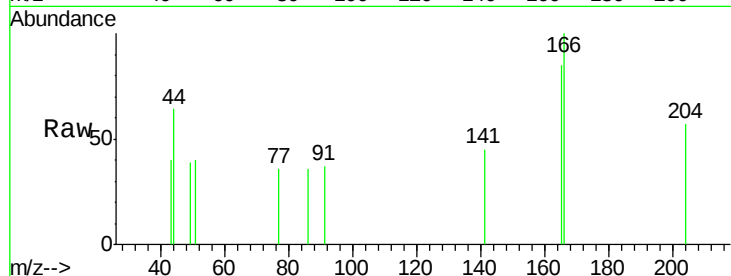




#57
 Fluorene
 Concen: 107.12 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.05 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

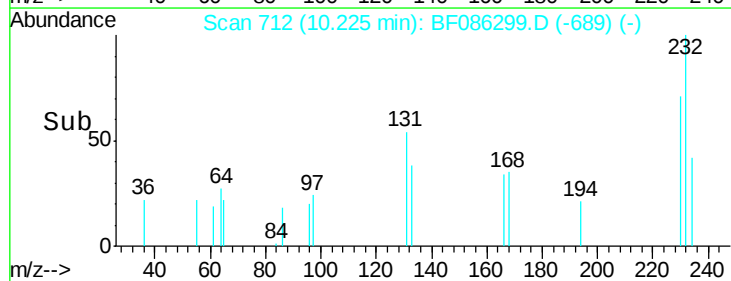
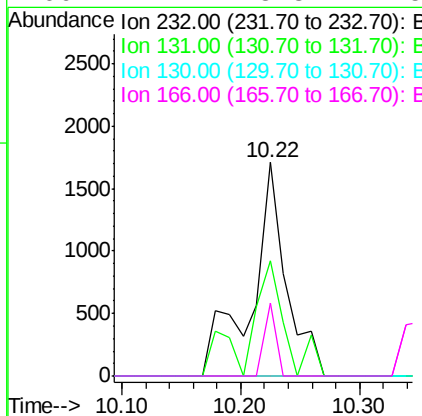
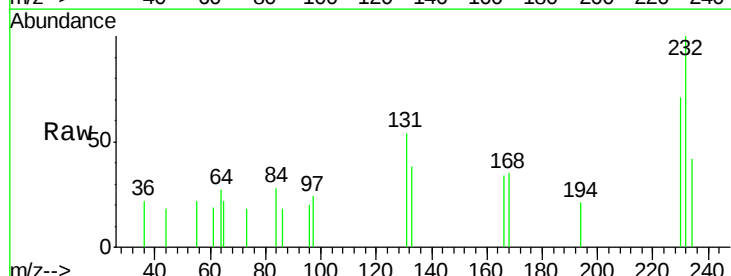
Instrument :
 BNA_F
 ClientSampleID :
 DFTPP

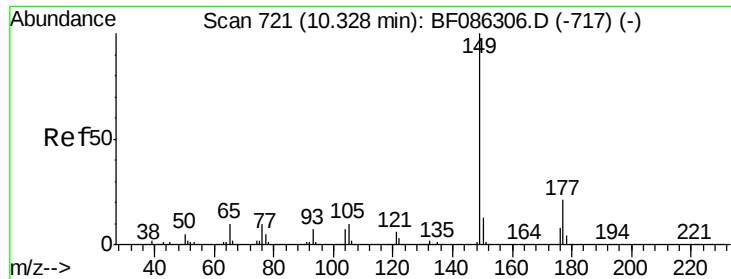
Tgt Ion:166 Resp: 1571
 Ion Ratio Lower Upper
 166 100
 165 85.2 78.6 117.8
 167 0.0 10.4 15.6#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 972.27 ng
 RT: 10.22 min Scan# 712
 Delta R.T. -0.03 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Tgt Ion:232 Resp: 3503
 Ion Ratio Lower Upper
 232 100
 131 56.9 46.6 70.0
 130 0.0 2.5 3.7#
 166 11.4 28.3 42.5#

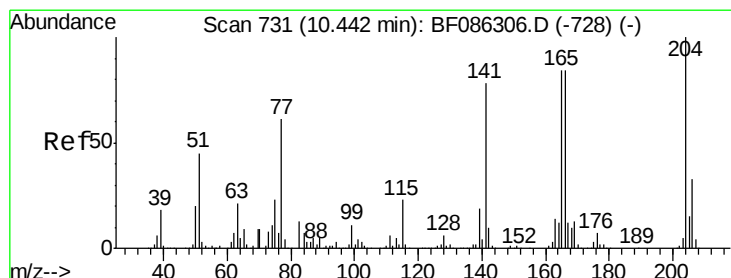
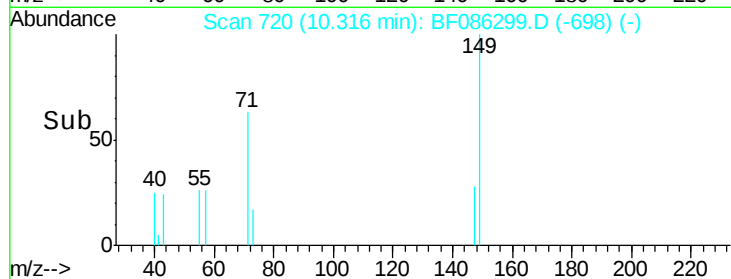
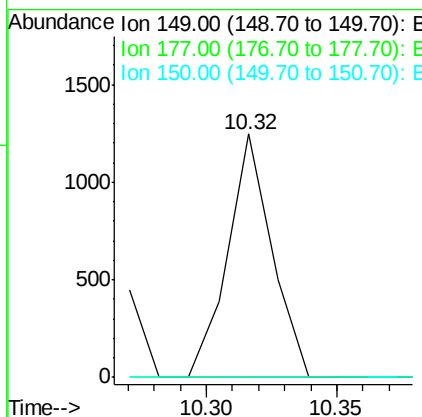
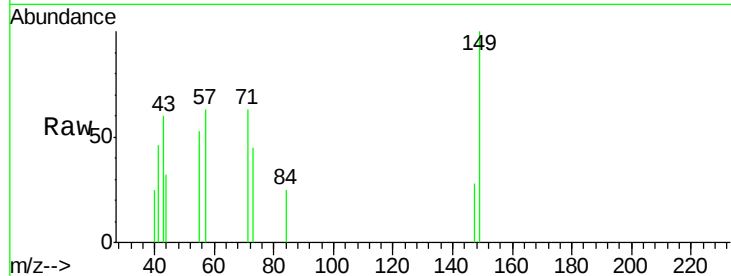




#59
Diethylphthalate
Concen: 73.76 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF086299.D
Acq: 20 Apr 2016 9:50

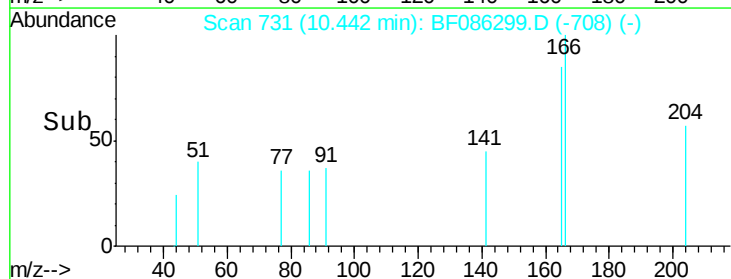
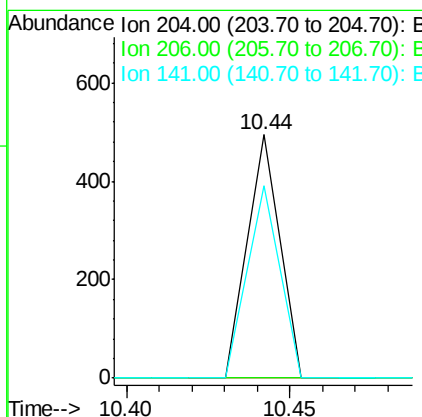
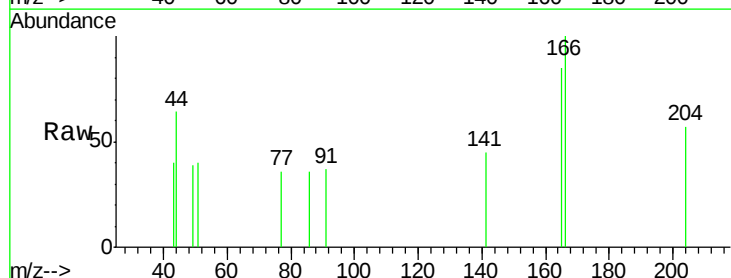
Instrument :
BNA_F
ClientSampleId :
DFTPP

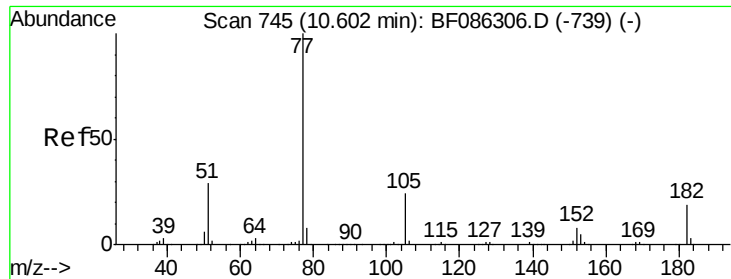
Tgt Ion:149 Resp: 1463
Ion Ratio Lower Upper
149 100
177 0.0 17.0 25.6#
150 0.0 10.2 15.4#



#60
4-Chlorophenyl-phenylether
Concen: 49.91 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086299.D
Acq: 20 Apr 2016 9:50

Tgt Ion:204 Resp: 339
Ion Ratio Lower Upper
204 100
206 0.0 26.2 39.2#
141 78.8 55.4 83.0





#62

Azobenzene

Concen: 89.80 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 77 Resp: 1756

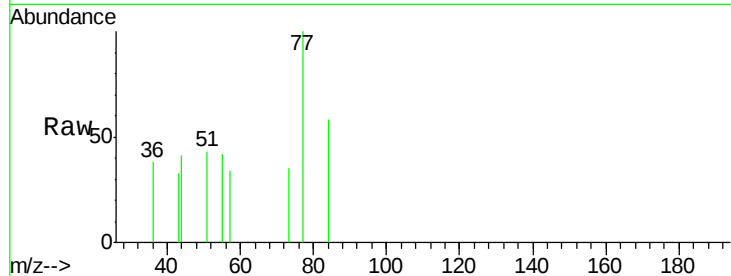
Ion Ratio Lower Upper

77 100

182 0.0 2.3 42.3#

105 0.0 3.4 43.4#

51 43.3 11.7 51.7

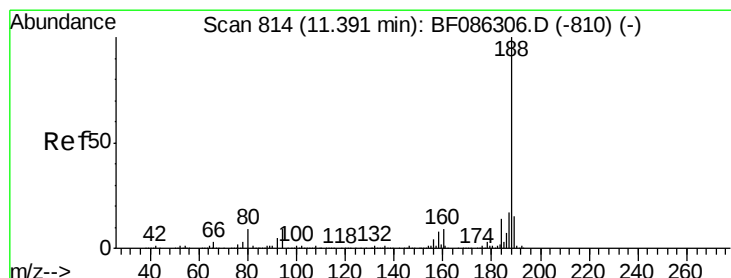
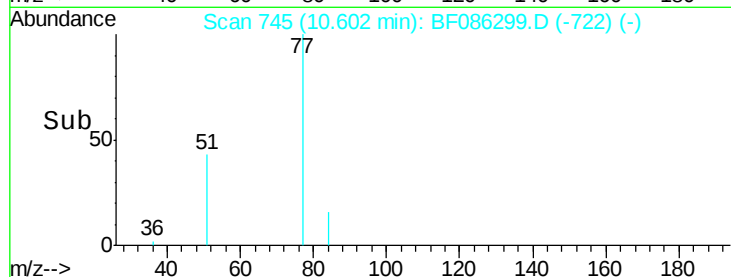
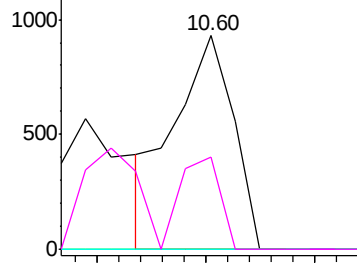


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

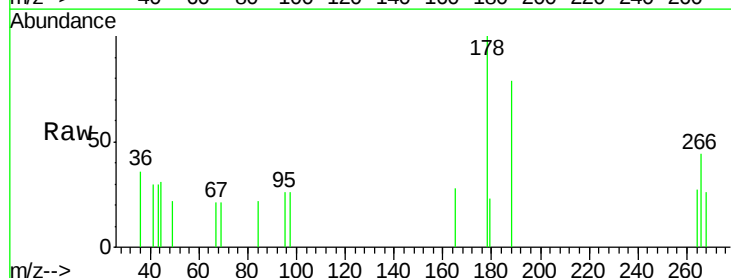
Tgt Ion: 188 Resp: 2183

Ion Ratio Lower Upper

188 100

94 0.0 9.8 14.8#

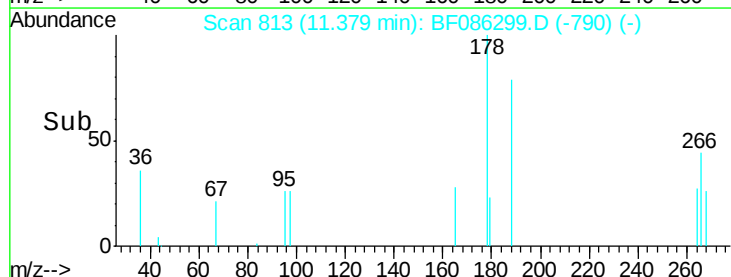
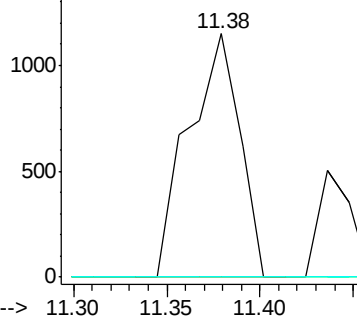
80 0.0 10.5 15.7#

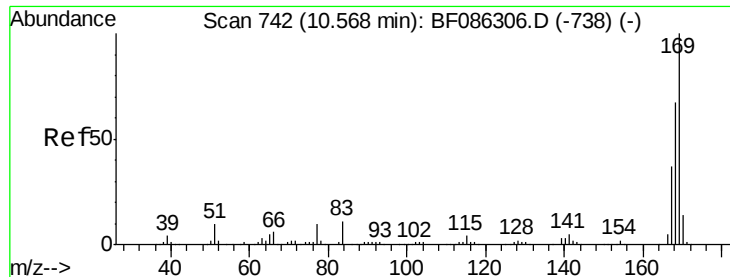


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 10.61 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

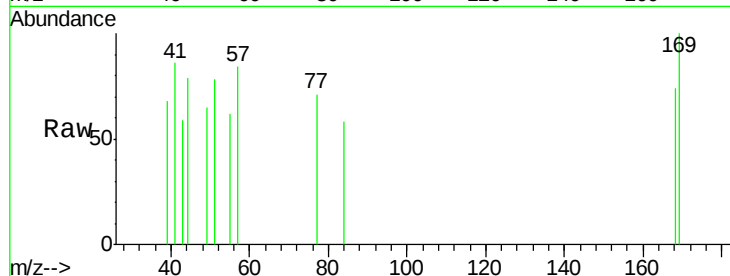
Tgt Ion:169 Resp: 763

Ion Ratio Lower Upper

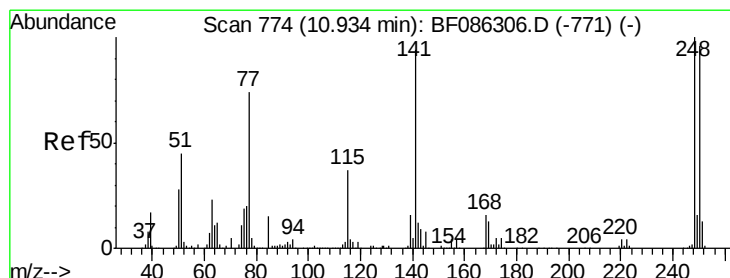
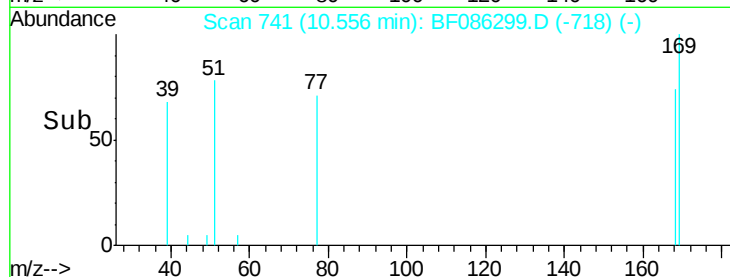
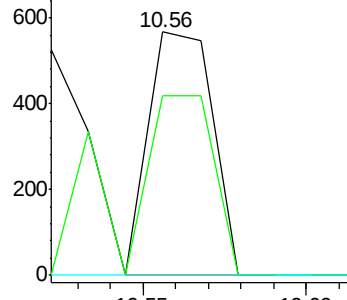
169 100

168 73.5 54.3 81.5

167 0.0 30.2 45.2#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 9.55 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

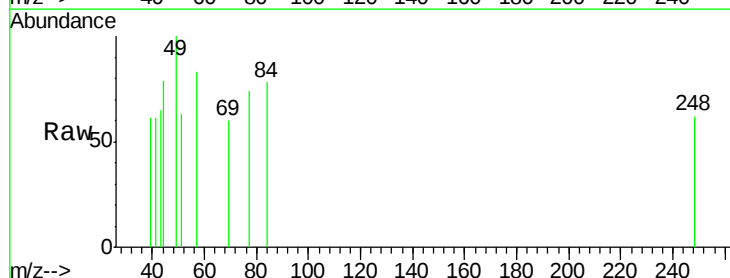
Tgt Ion:248 Resp: 224

Ion Ratio Lower Upper

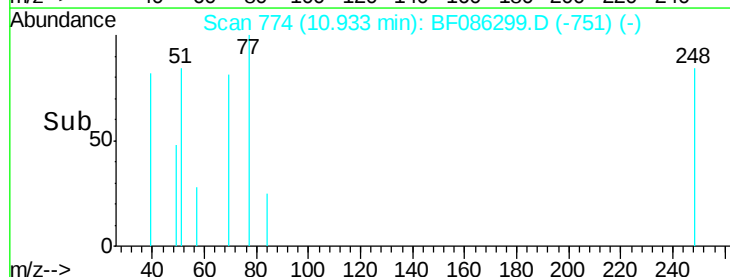
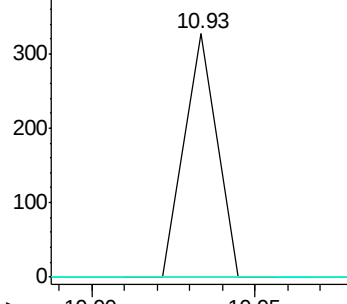
248 100

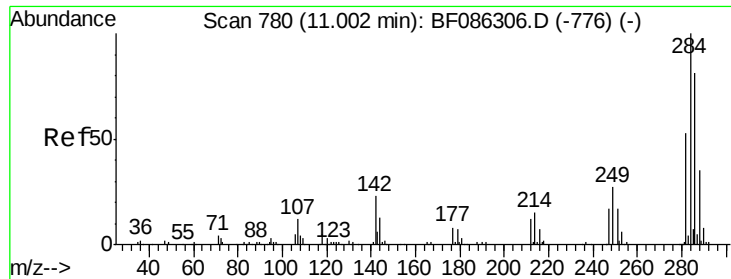
250 0.0 78.6 118.0#

141 0.0 57.9 86.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 10.53 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

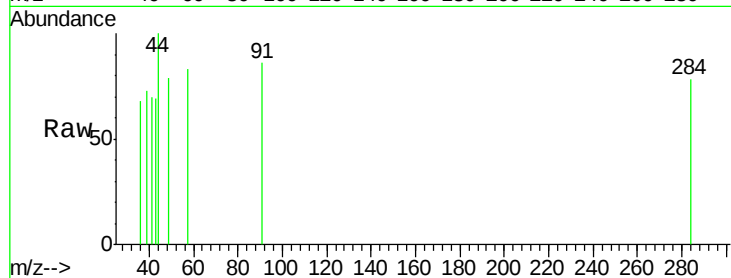
Tgt Ion:284 Resp: 248

Ion Ratio Lower Upper

284 100

142 0.0 42.6 64.0#

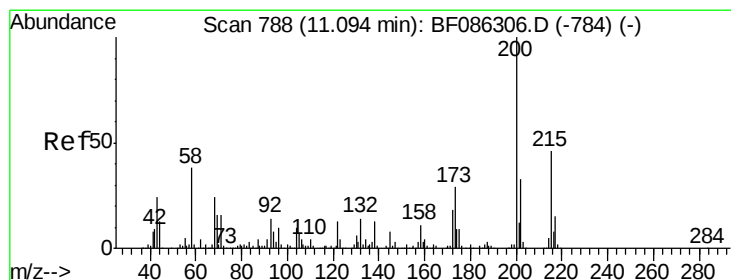
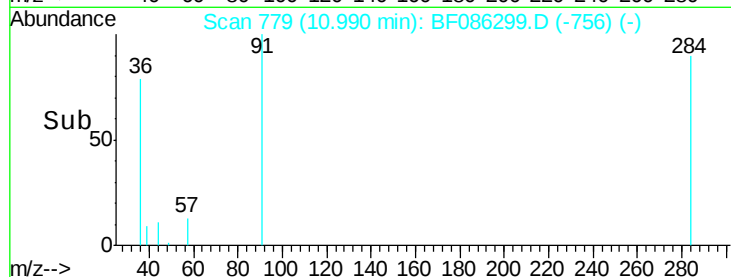
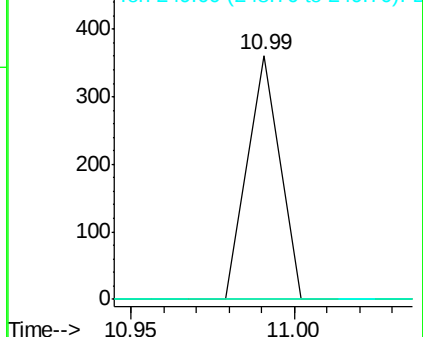
249 0.0 25.9 38.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 2147.56 ng

RT: 11.18 min Scan# 796

Delta R.T. 0.07 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

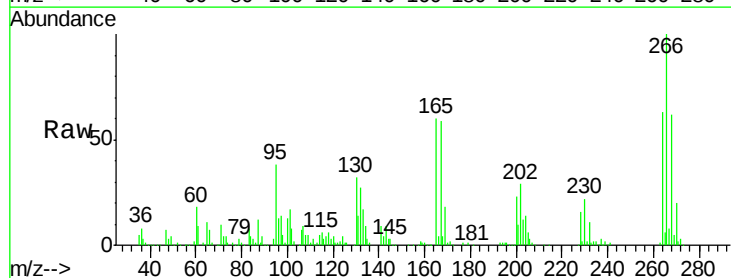
Tgt Ion:200 Resp: 47474

Ion Ratio Lower Upper

200 100

173 0.0 11.2 51.2#

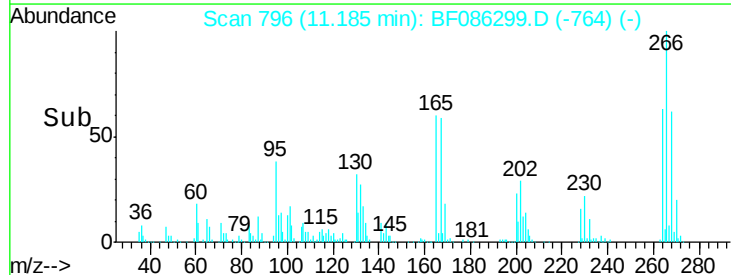
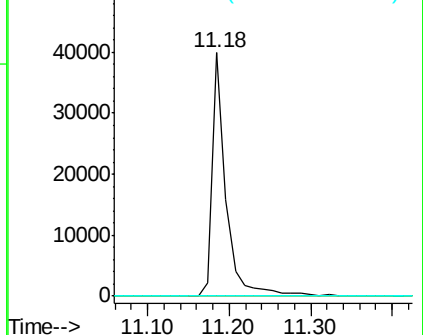
215 0.0 24.0 64.0#

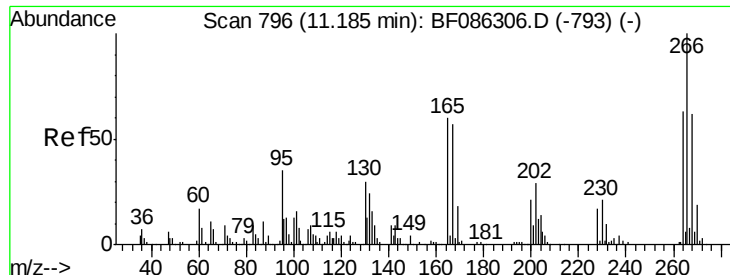


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

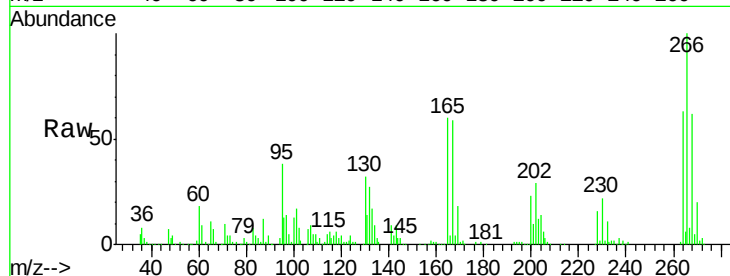




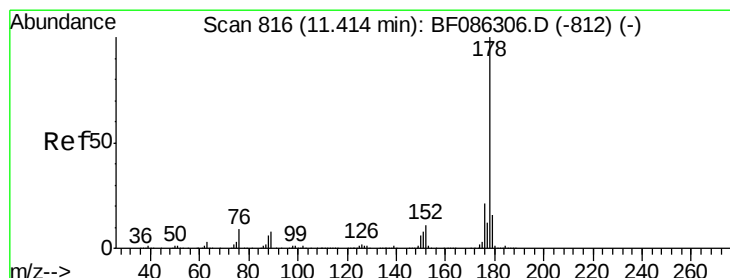
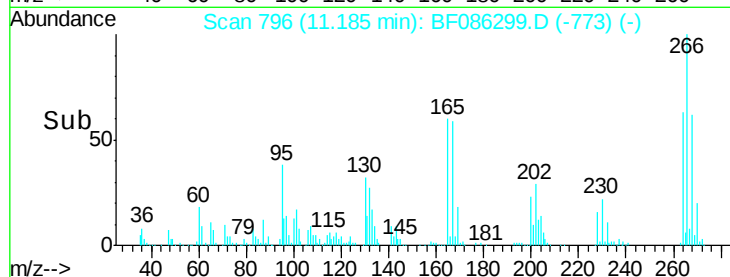
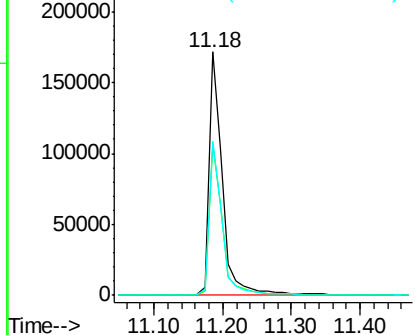
#69
 Pentachlorophenol
 Concen: 18920.97 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 266 Resp: 233338
 Ion Ratio Lower Upper
 266 100
 268 62.3 53.0 79.4
 264 63.3 51.3 76.9

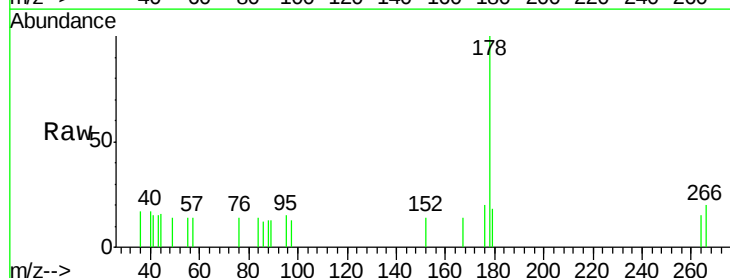


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

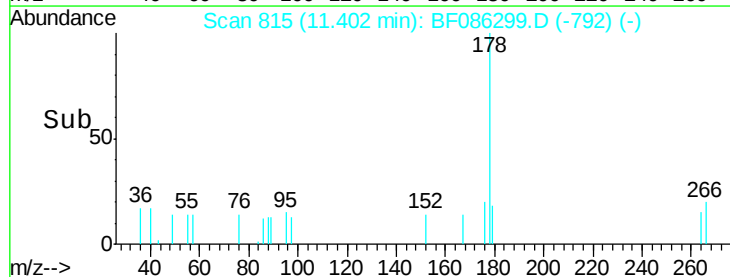
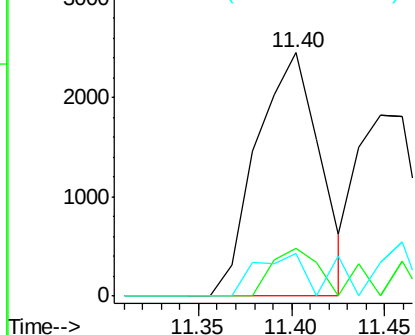


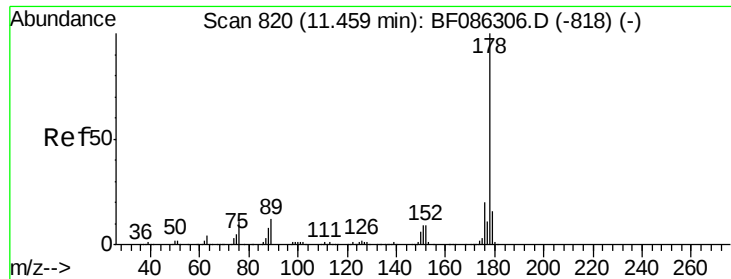
#70
 Phenanthrene
 Concen: 56.11 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Tgt Ion: 178 Resp: 5804
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.3 24.5
 179 17.5 13.0 19.6



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

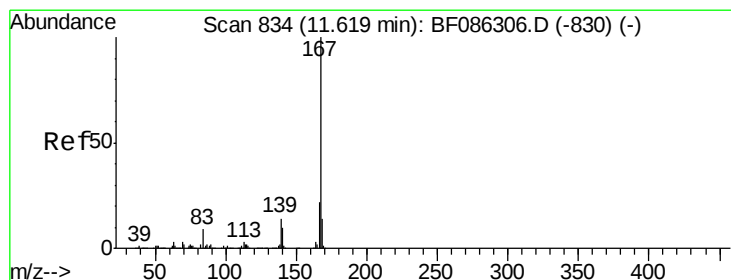
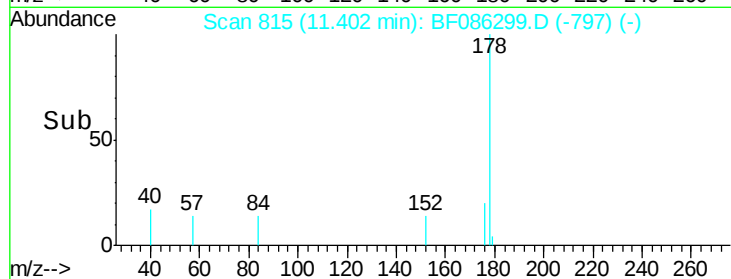
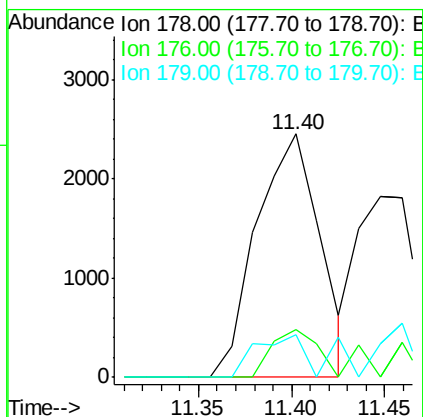
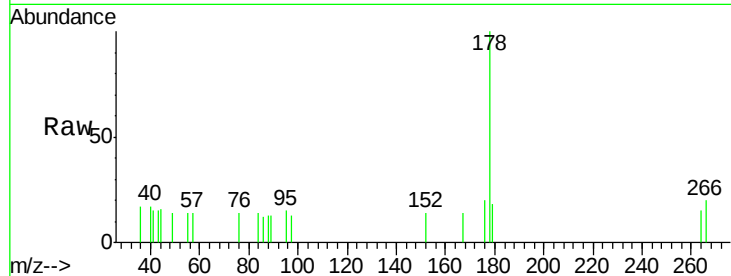




#71
 Anthracene
 Concen: 52.39 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.09 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

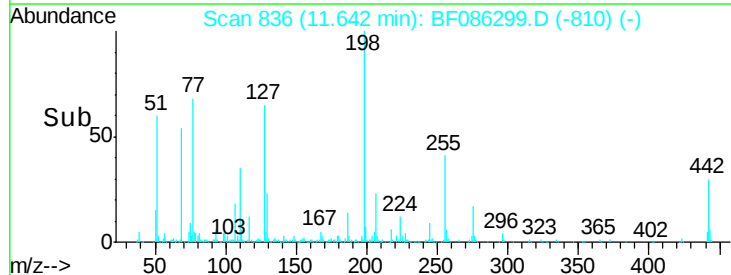
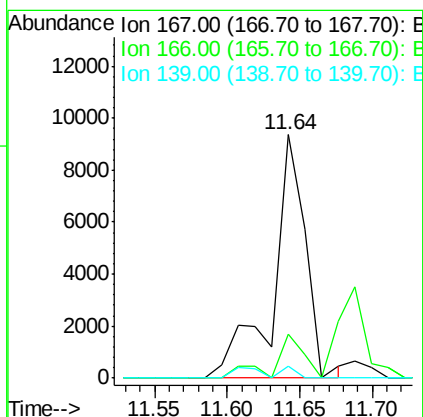
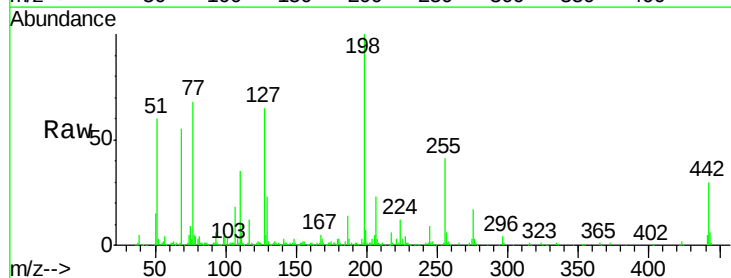
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

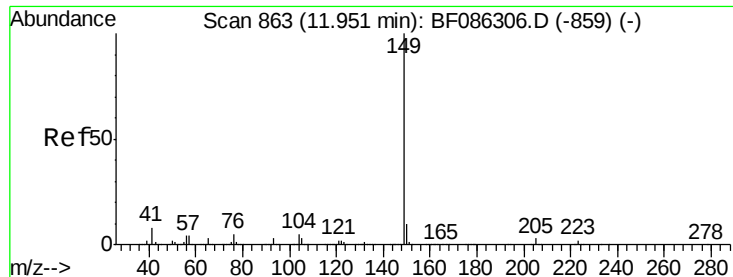
Tgt Ion:178 Resp: 5804
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 17.5 13.2 19.8



#72
 Carbazole
 Concen: 139.28 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Tgt Ion:167 Resp: 14601
 Ion Ratio Lower Upper
 167 100
 166 18.2 18.3 27.5#
 139 5.0 12.3 18.5#





#73

Di-n-butylphthalate

Concen: 26.20 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

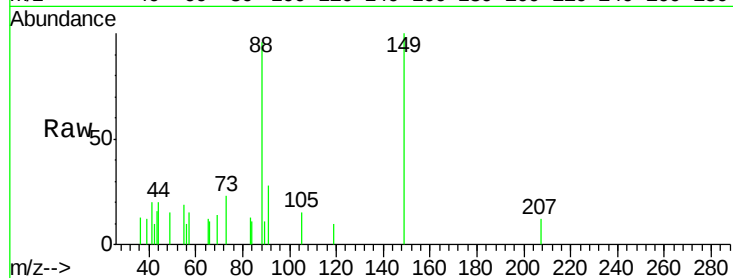
Tgt Ion:149 Resp: 3537

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.8#

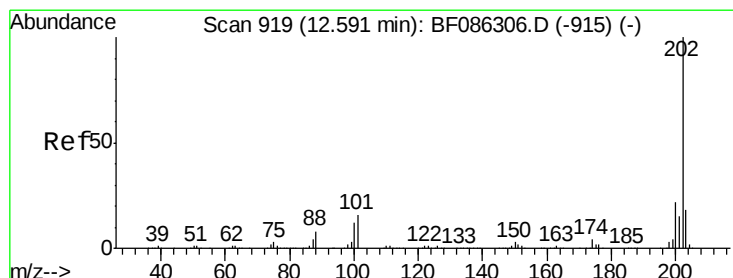
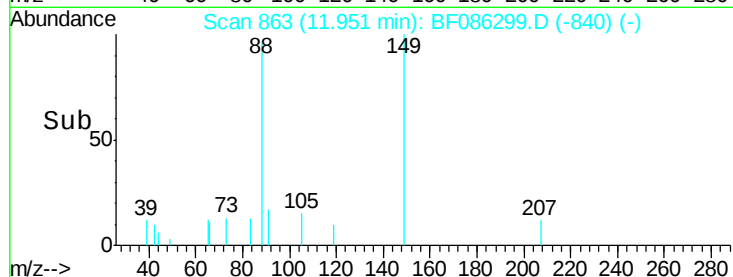
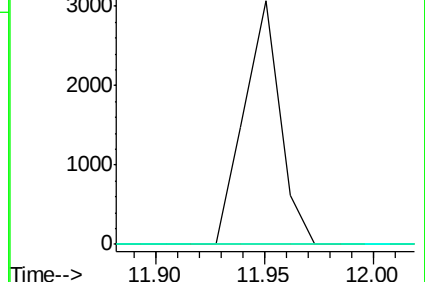
104 0.0 4.1 6.1#



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: 38.87 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

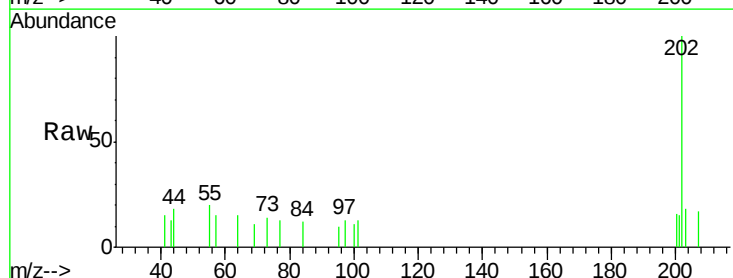
Tgt Ion:202 Resp: 3728

Ion Ratio Lower Upper

202 100

101 13.5 0.0 35.2

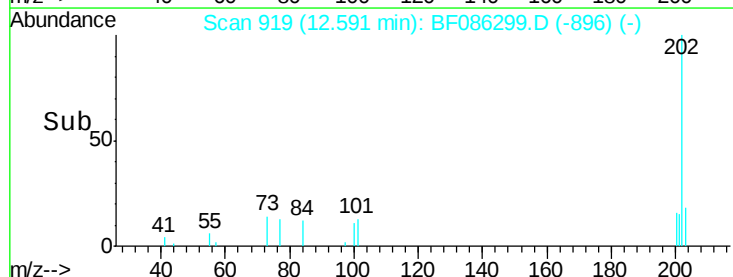
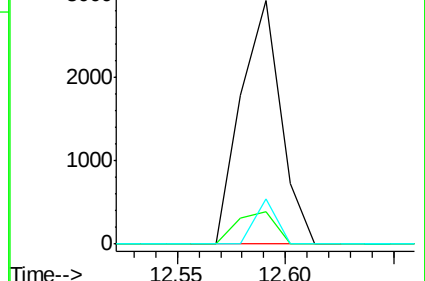
203 18.5 0.0 38.2

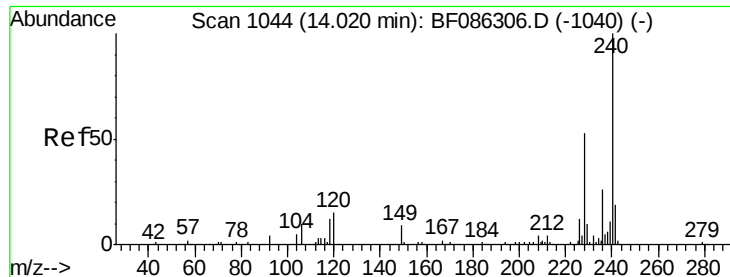


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

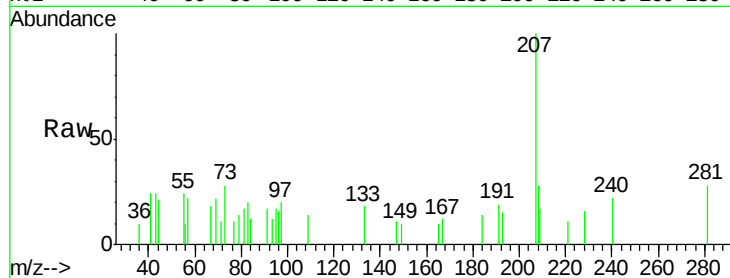
Tgt Ion:240 Resp: 880

Ion Ratio Lower Upper

240 100

120 0.0 9.3 13.9#

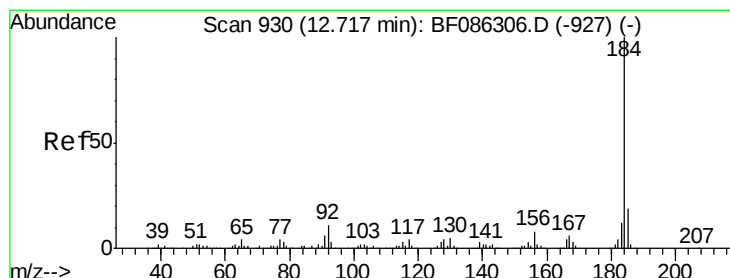
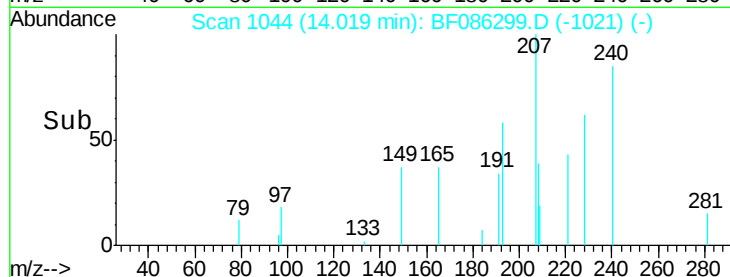
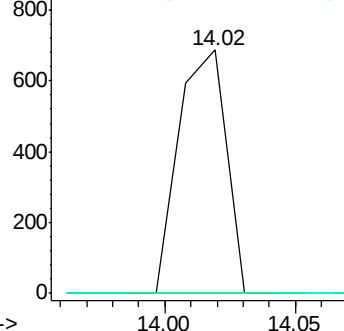
236 0.0 21.1 31.7#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37699.79 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

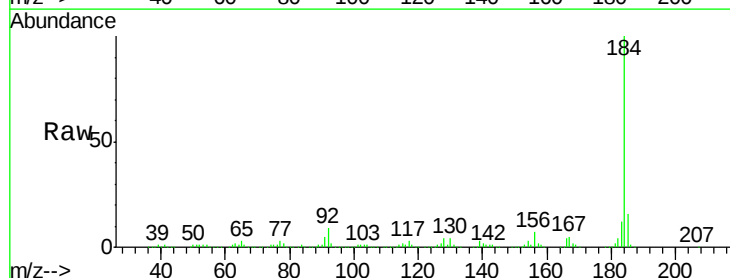
Tgt Ion:184 Resp: 1464600

Ion Ratio Lower Upper

184 100

185 15.8 14.2 21.2

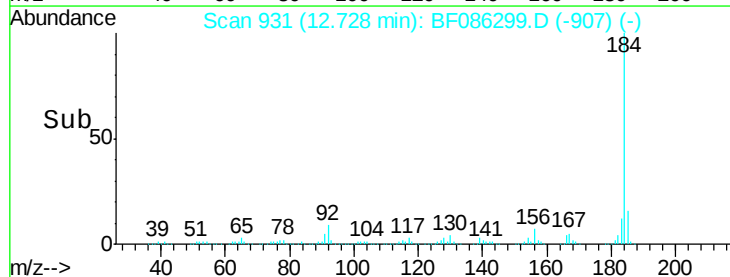
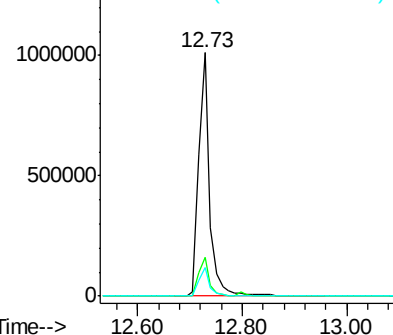
183 12.0 9.8 14.6

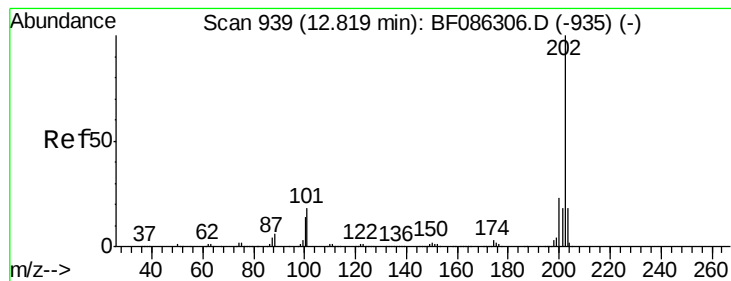


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 59.47 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

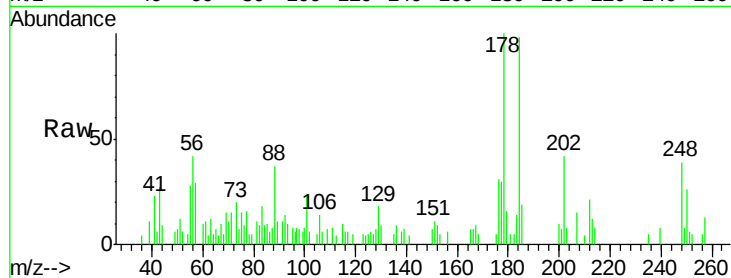
Tgt Ion: 202 Resp: 3882

Ion Ratio Lower Upper

202 100

200 24.0 18.3 27.5

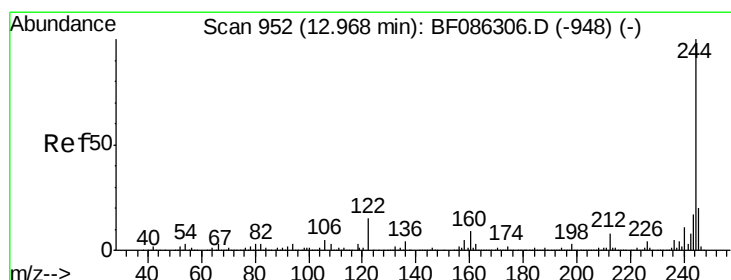
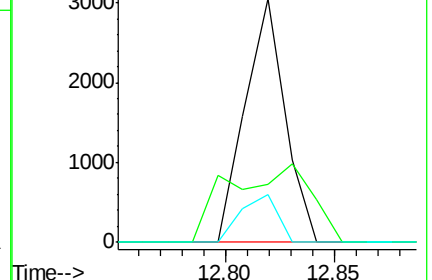
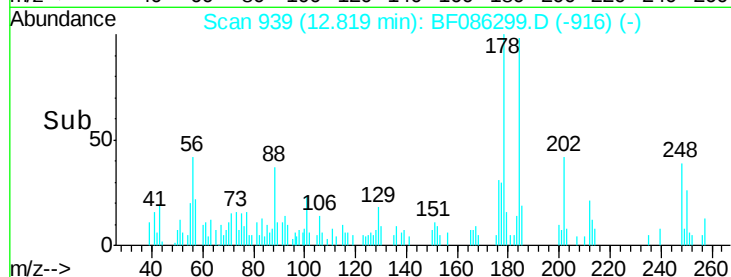
203 19.8 14.9 22.3



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: 79.39 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

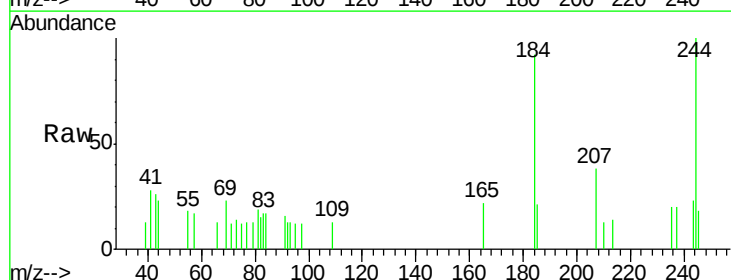
Tgt Ion: 244 Resp: 2935

Ion Ratio Lower Upper

244 100

212 0.0 6.4 9.6#

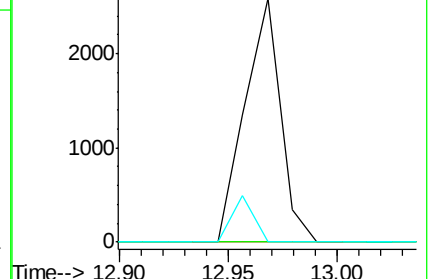
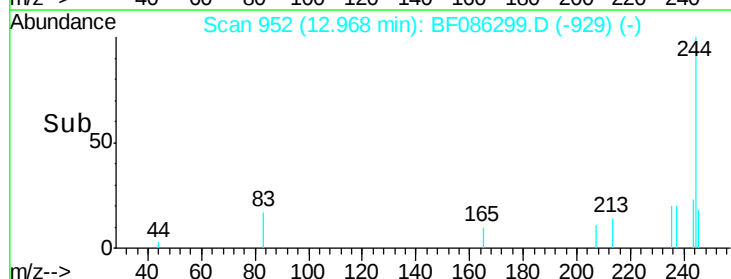
122 0.0 11.7 17.5#

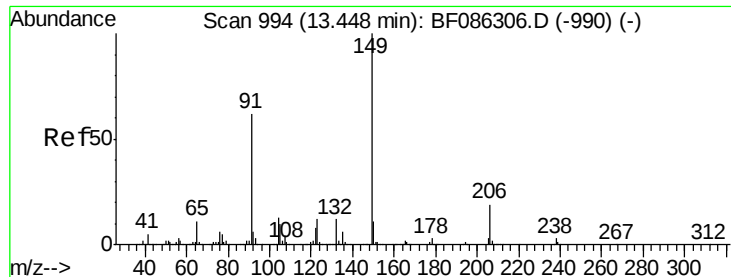


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

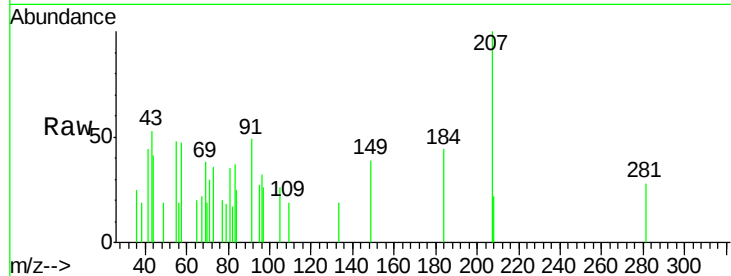




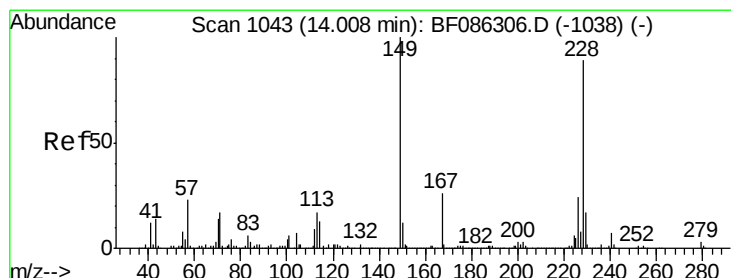
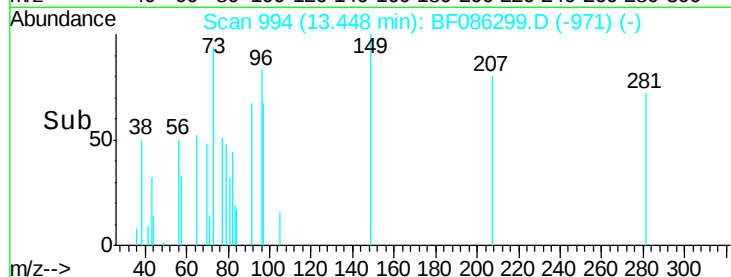
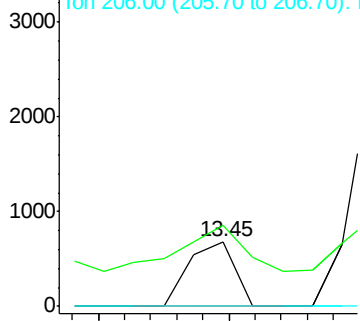
#79
Butylbenzylphthalate
Concen: 24.55 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF086299.D
Acq: 20 Apr 2016 9:50

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:149 Resp: 846
Ion Ratio Lower Upper
149 100
91 125.2 48.7 73.1#
206 0.0 15.7 23.5#

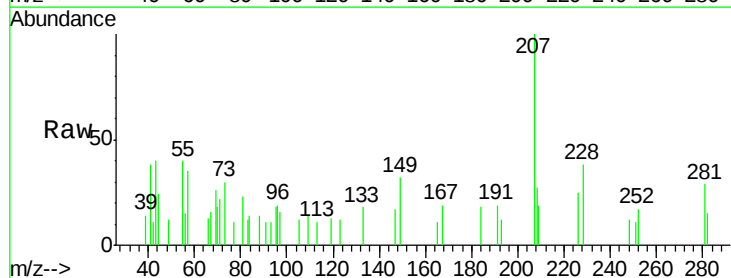


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

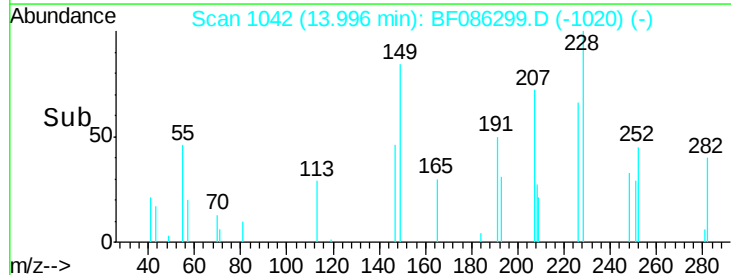
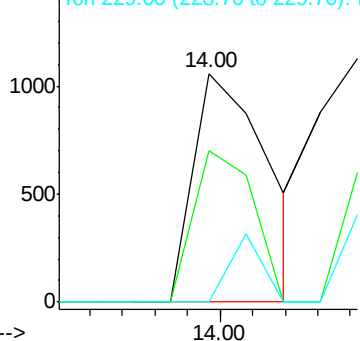


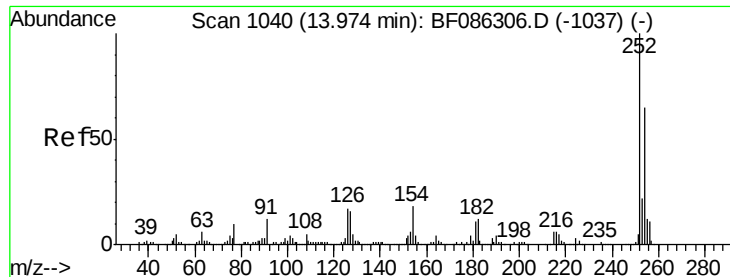
#80
Benzo(a)anthracene
Concen: 36.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF086299.D
Acq: 20 Apr 2016 9:50

Tgt Ion:228 Resp: 1669
Ion Ratio Lower Upper
228 100
226 66.0 22.5 33.7#
229 0.0 16.2 24.2#



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

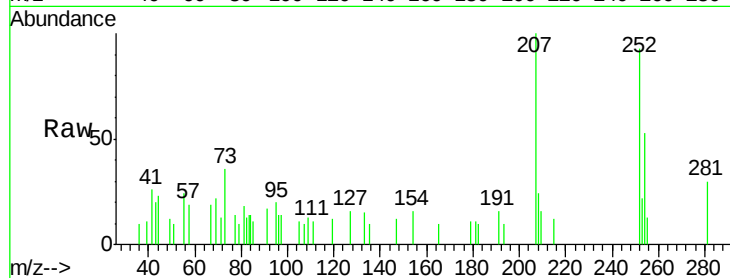




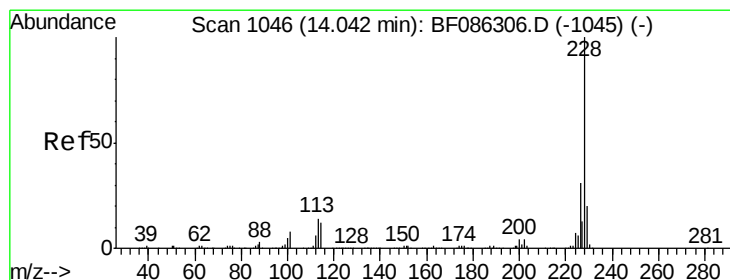
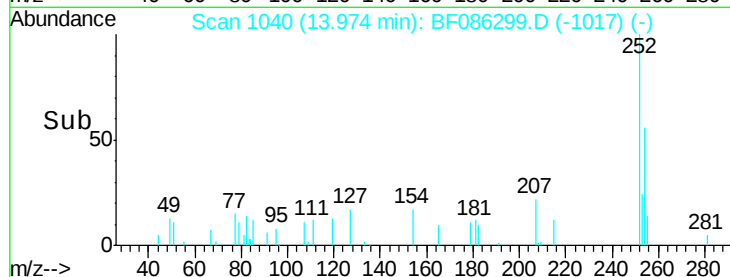
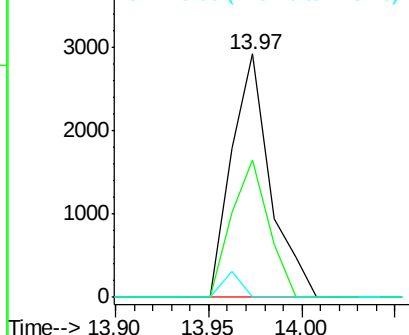
#81
 3,3'-Dichlorobenzidine
 Concen: 131.06 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 252 Resp: 4202
 Ion Ratio Lower Upper
 252 100
 254 56.3 52.1 78.1
 126 0.0 13.2 19.8#

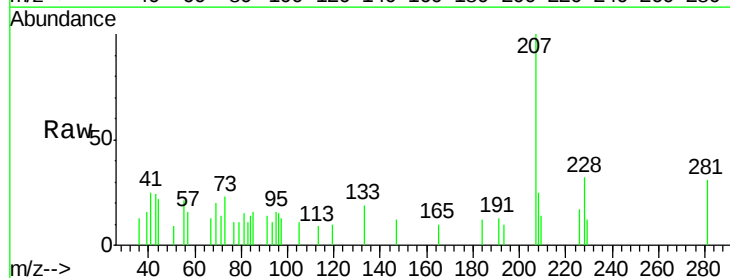


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

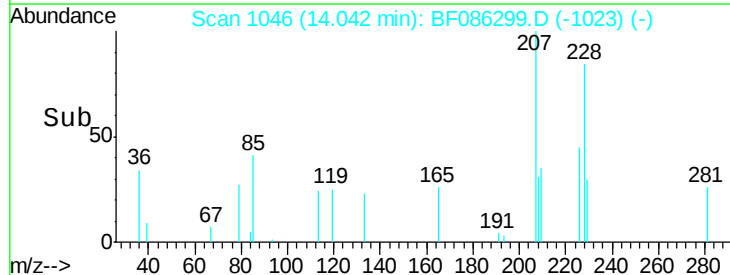
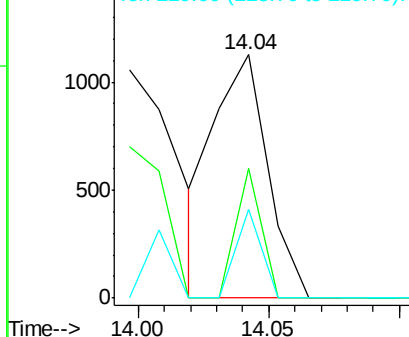


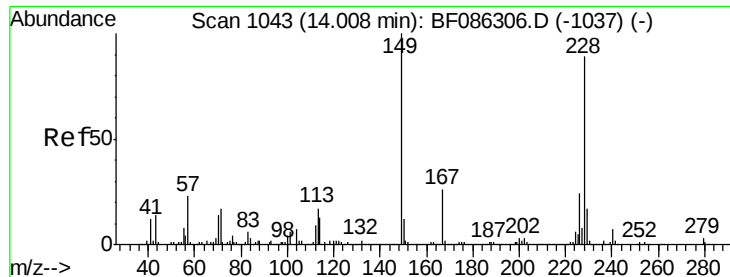
#82
 Chrysene
 Concen: 31.97 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Tgt Ion: 228 Resp: 1602
 Ion Ratio Lower Upper
 228 100
 226 53.4 25.4 38.2#
 229 36.2 16.5 24.7#



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

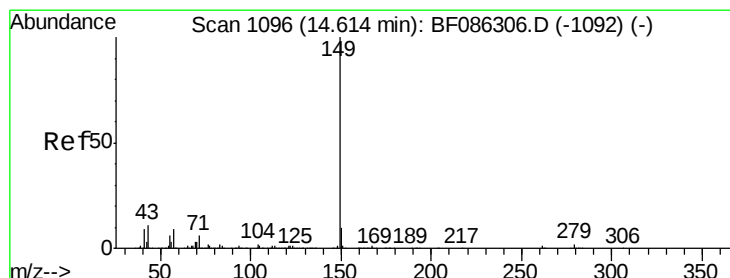
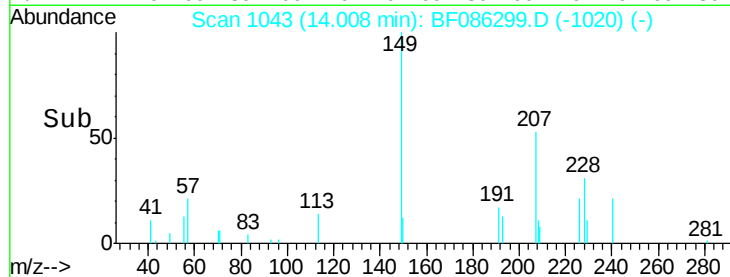
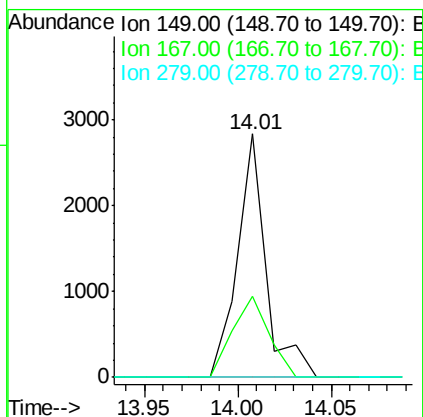
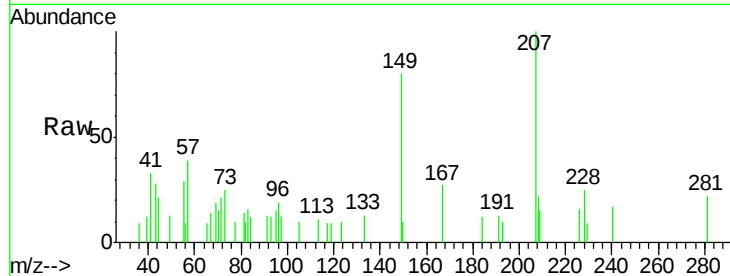




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 74.81 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

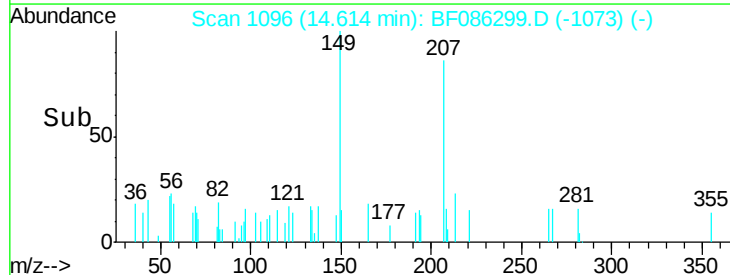
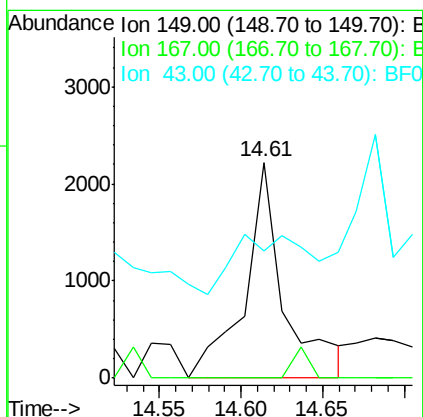
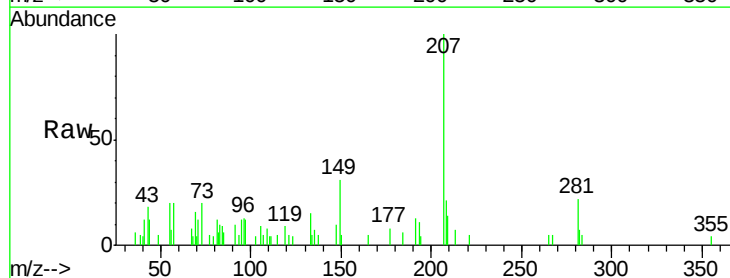
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

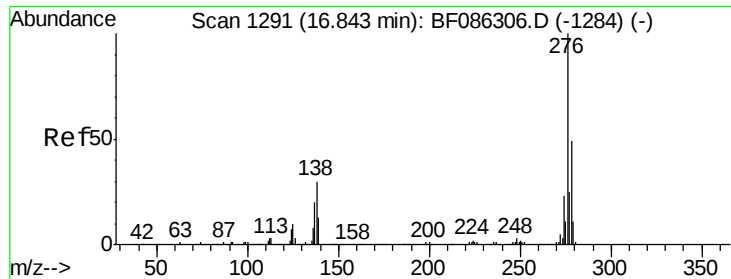
Tgt Ion:149 Resp: 3019
 Ion Ratio Lower Upper
 149 100
 167 33.5 21.0 31.4#
 279 0.0 2.4 3.6#



#84
 Di-n-octyl phthalate
 Concen: 51.34 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.03 min
 Lab File: BF086299.D
 Acq: 20 Apr 2016 9:50

Tgt Ion:149 Resp: 3734
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 50.9 9.1 13.7#





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.34 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.08 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

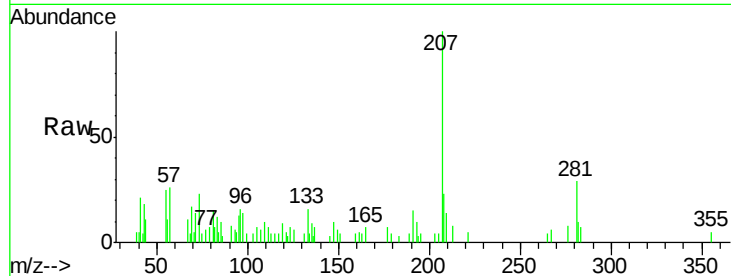
Tgt Ion:276 Resp: 1924

Ion Ratio Lower Upper

276 100

138 48.9 23.8 35.6#

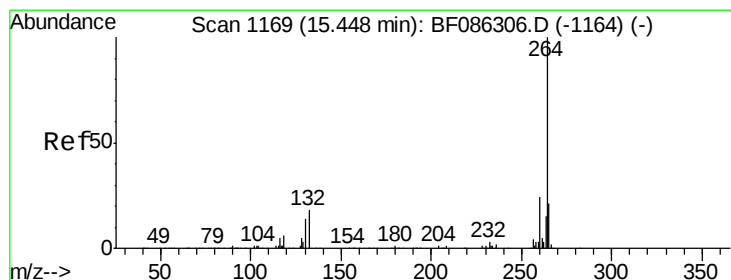
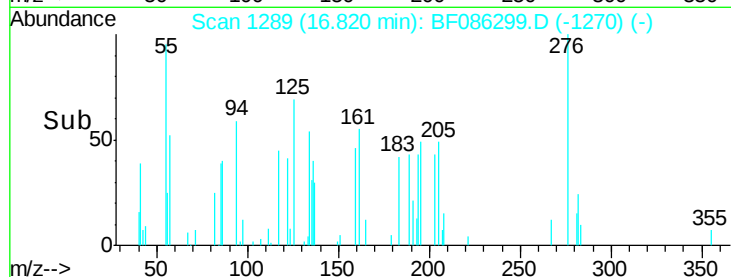
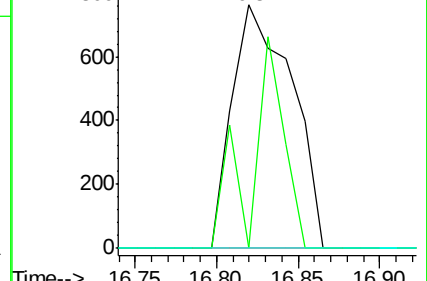
277 0.0 20.2 30.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.05 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

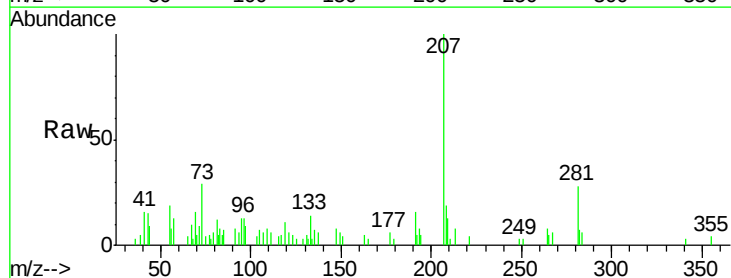
Tgt Ion:264 Resp: 1251

Ion Ratio Lower Upper

264 100

260 0.0 20.0 30.0#

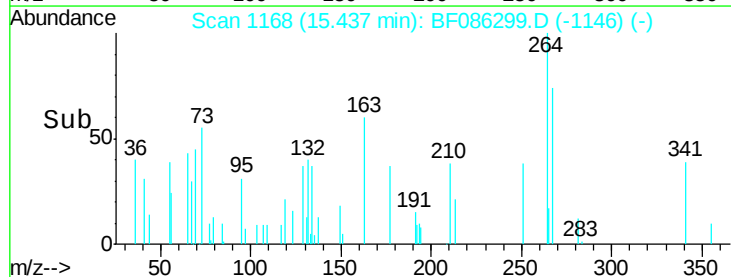
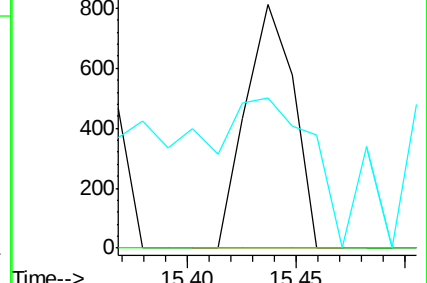
265 61.6 17.4 26.0#

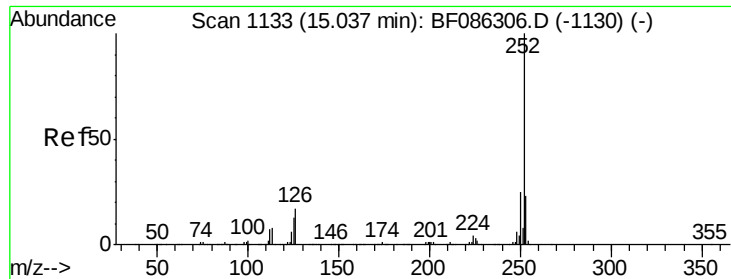


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

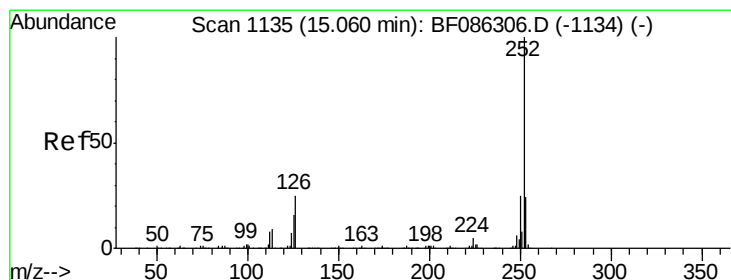
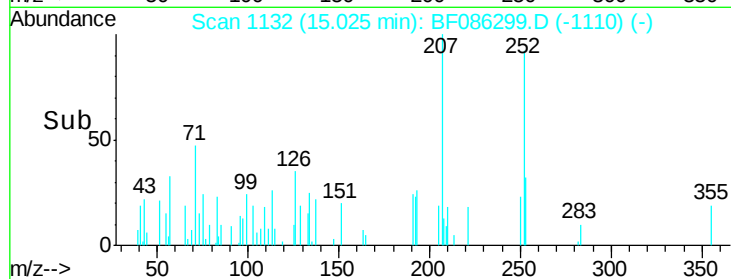
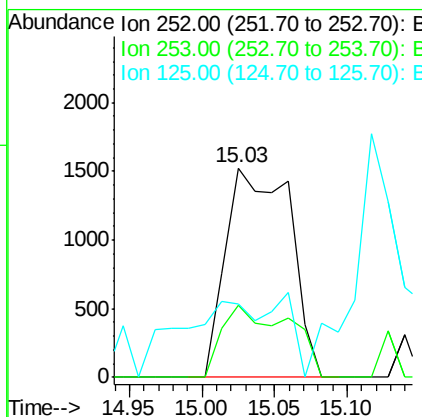
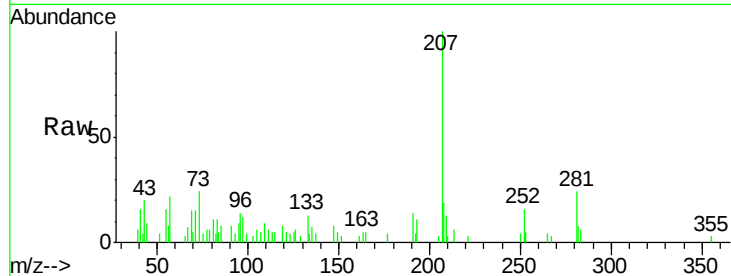




#87
Benzo(b)fluoranthene
Concen: 64.38 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF086299.D
Acq: 20 Apr 2016 9:50

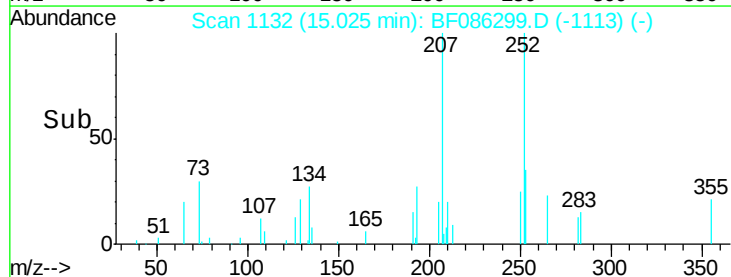
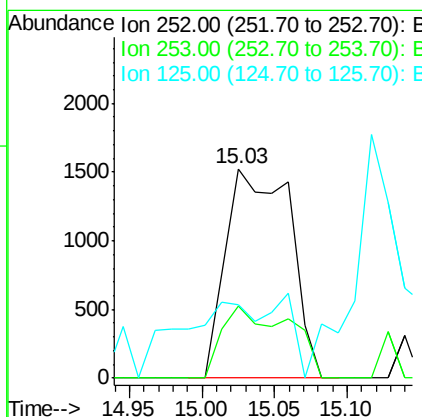
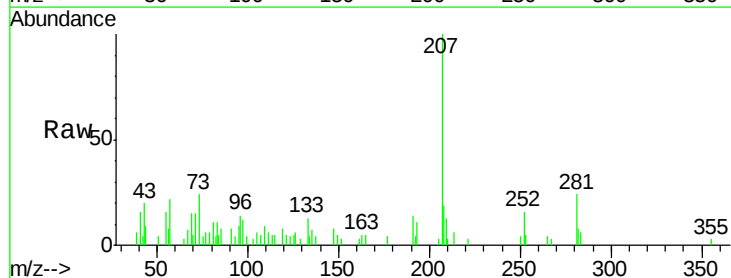
Instrument :
BNA_F
ClientSampleId :
DFTPP

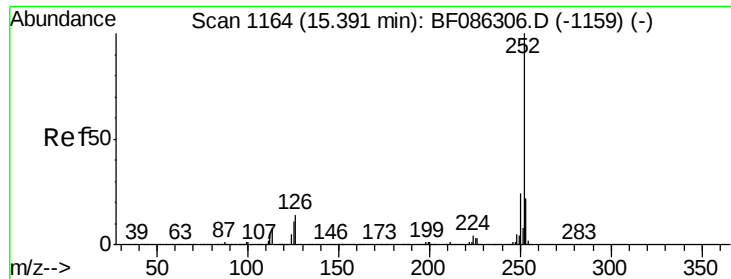
Tgt Ion:252 Resp: 4658
Ion Ratio Lower Upper
252 100
253 34.6 17.7 26.5#
125 34.8 10.3 15.5#



#88
Benzo(k)fluoranthene
Concen: 76.47 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.08 min
Lab File: BF086299.D
Acq: 20 Apr 2016 9:50

Tgt Ion:252 Resp: 4658
Ion Ratio Lower Upper
252 100
253 34.6 17.5 26.3#
125 34.8 7.8 11.6#





#89

Benzo(a)pyrene

Concen: 39.47 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.05 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

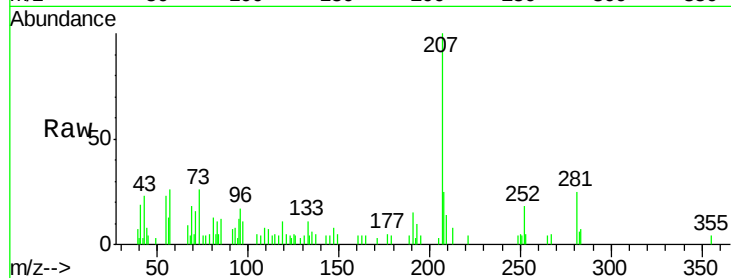
Tgt Ion: 252 Resp: 2632

Ion Ratio Lower Upper

252 100

253 28.0 17.8 26.8#

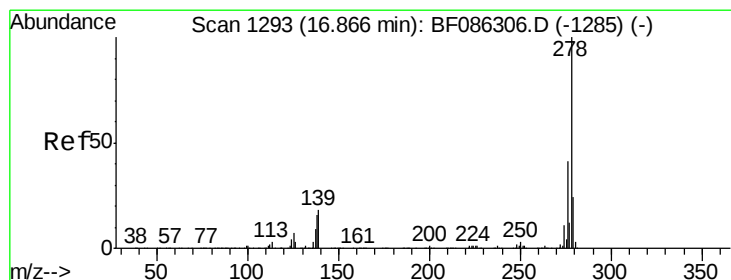
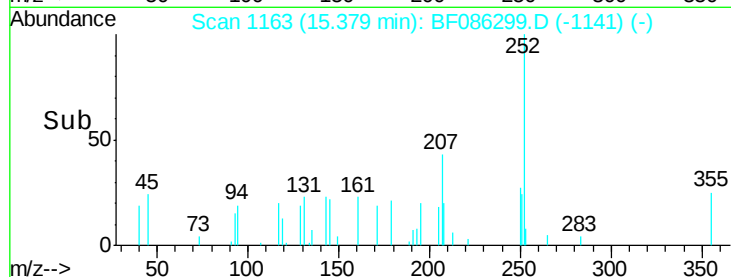
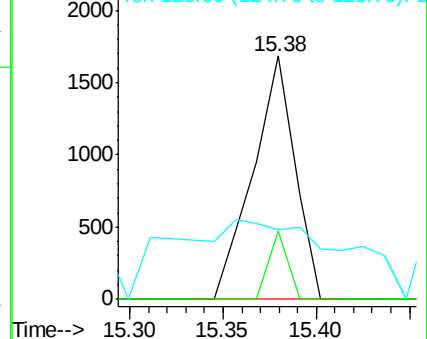
125 28.7 11.2 16.8#



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



#90

Dibenzo(a,h)anthracene

Concen: 28.34 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.07 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

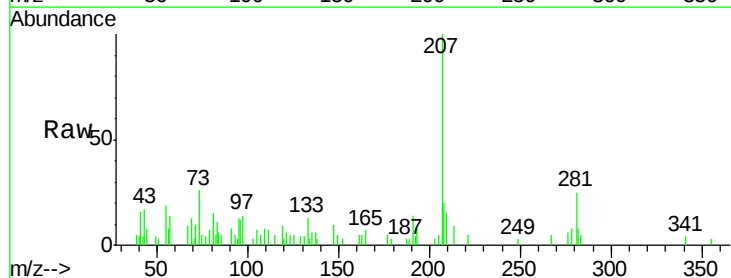
Tgt Ion: 278 Resp: 1650

Ion Ratio Lower Upper

278 100

139 0.0 15.3 22.9#

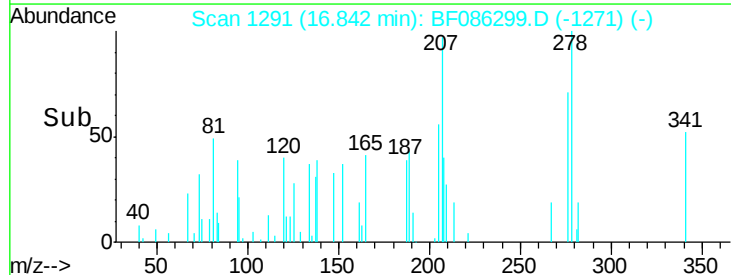
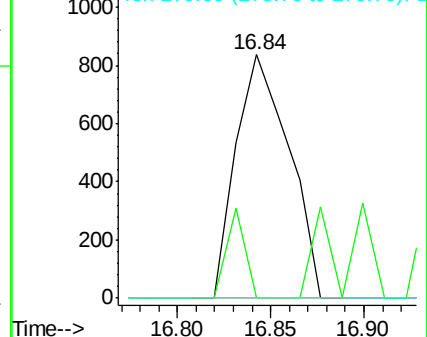
279 0.0 19.1 28.7#

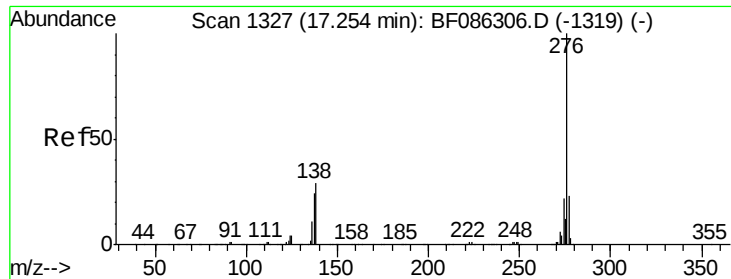


Abundance Ion 278.00 (277.70 to 278.70): E

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: 31.67 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.08 min

Lab File: BF086299.D

Acq: 20 Apr 2016 9:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 276 Resp: 1768

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.6#

138 63.0 19.6 29.4#

