

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084742.D
 Acq On : 2 Feb 2016 6:32
 Operator : SJ/IZ
 Sample : H1295-01RE
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW006

Quant Time: Feb 02 06:59:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	205818	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	825578	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	387096	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	712354	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	424571	20.00	ng	-0.01
86) Perylene-d12	15.25	264	416109	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1234589	93.43	ng	0.00
7) Phenol-d6	6.37	99	1681409	102.64	ng	0.00
23) Nitrobenzene-d5	7.28	82	987811	67.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	416702	103.20	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1510176	59.53	ng	-0.01
78) Terphenyl-d14	12.82	244	1107239	59.10	ng	-0.01

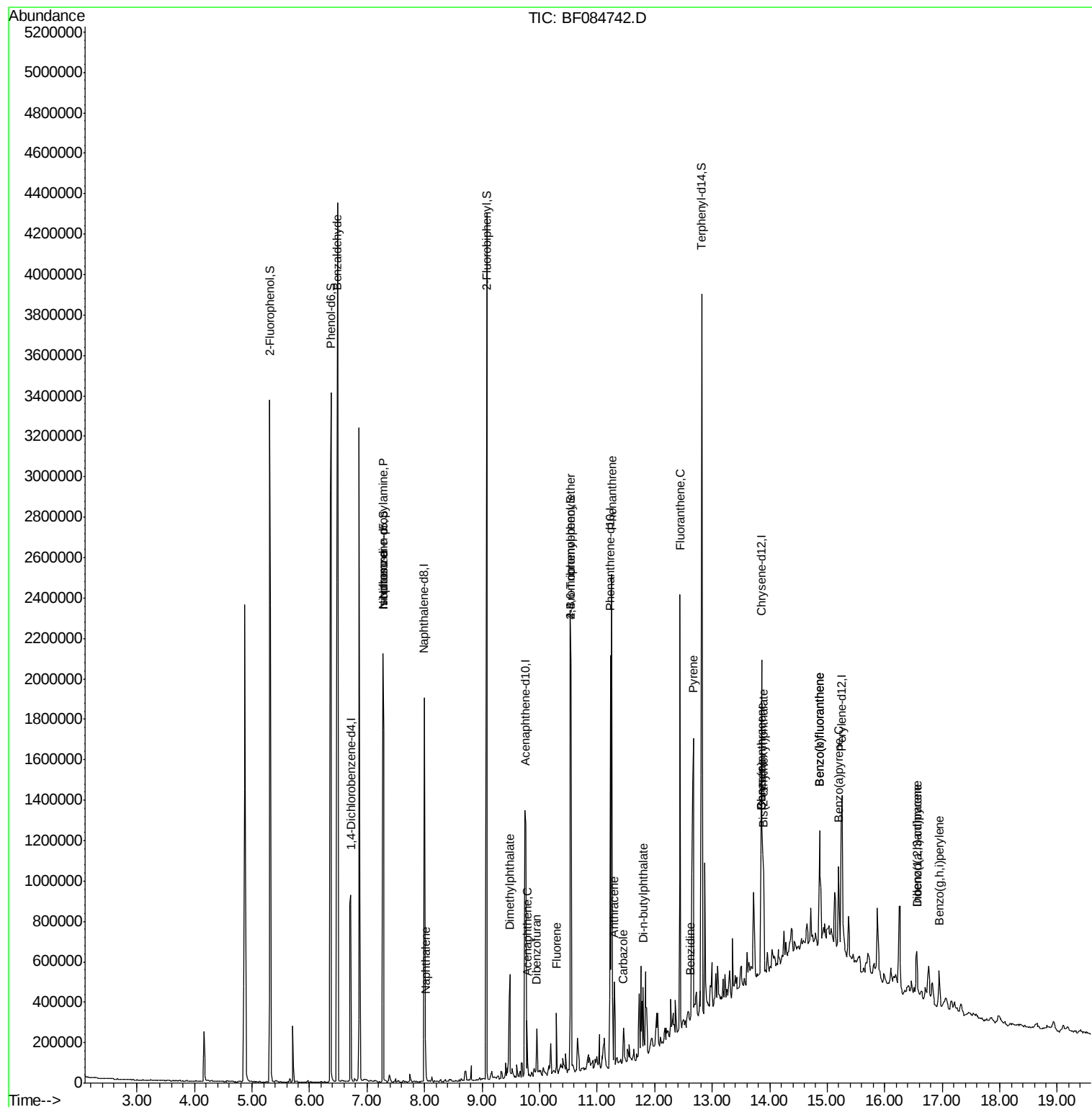
Target Compounds				Qvalue		
9) Benzaldehyde	6.49	77	33106	3.42	ng	84
19) n-Nitroso-di-n-propylamine	7.28	70	131121	12.77	ng	# 71
25) Isophorone	7.28	82	900329	31.59	ng	# 66
31) Naphthalene	8.02	128	83201	2.01	ng	100
49) Dimethylphthalate	9.48	163	278566	9.45	ng	# 91
51) Acenaphthene	9.78	154	59682	2.37	ng	98
54) Dibenzofuran	9.95	168	70620	2.30	ng	94
57) Fluorene	10.29	166	73442	2.86	ng	97
60) 4-Chlorophenyl-phenylether	10.02	204	268	Below Cal	#	51
66) 4-Bromophenyl-phenylether	10.54	248	25925	3.30	ng	# 1
70) Phenanthrene	11.25	178	873165	22.10	ng	98
71) Anthracene	11.30	178	194841	4.89	ng	99
72) Carbazole	11.46	167	76265	2.20	ng	96
73) Di-n-butylphthalate	11.80	149	91726	2.08	ng	# 97
74) Fluoranthene	12.44	202	918255	22.96	ng	95
76) Benzidine	12.61	184	744	6.92	ng	# 1
77) Pyrene	12.67	202	777156	23.91	ng	99
80) Benzo(a)anthracene	13.85	228	330984	12.56	ng	98
82) Chrysene	13.85	228	330984	12.95	ng	96
83) Bis(2-ethylhexyl)phthalate	13.89	149	115497	6.29	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.56	276	136661	6.79	ng	94
87) Benzo(b)fluoranthene	14.87	252	376819	13.48	ng	# 95
88) Benzo(k)fluoranthene	14.87	252	376691	16.30	ng	99
89) Benzo(a)pyrene	15.20	252	207075	8.69	ng	97
90) Dibenzo(a,h)anthracene	16.56	278	45887	2.29	ng	# 87
91) Benzo(g,h,i)perylene	16.95	276	129338	6.40	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

Instrument :

BNA_F

ClientSampleId :

SW006

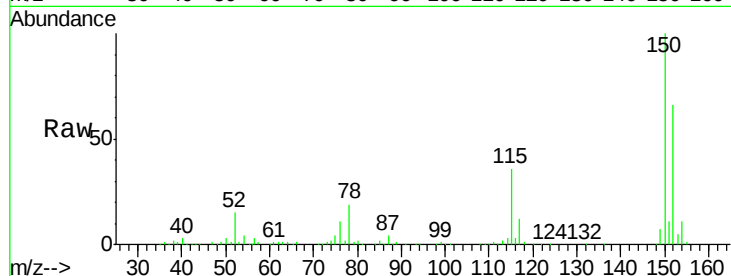
Tgt Ion:152 Resp: 205818

Ion Ratio Lower Upper

152 100

150 151.3 123.0 184.4

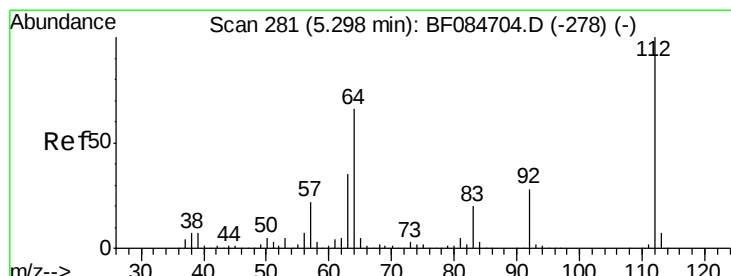
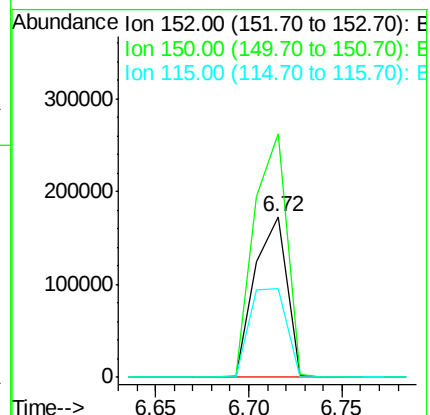
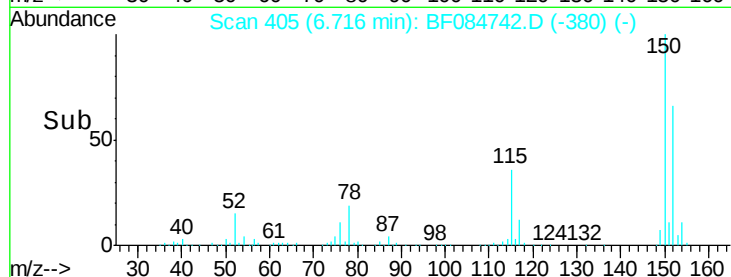
115 55.1 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 93.43 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

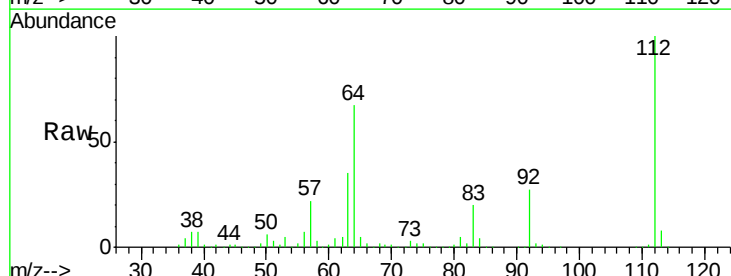
Tgt Ion:112 Resp: 1234589

Ion Ratio Lower Upper

112 100

64 67.3 36.6 55.0#

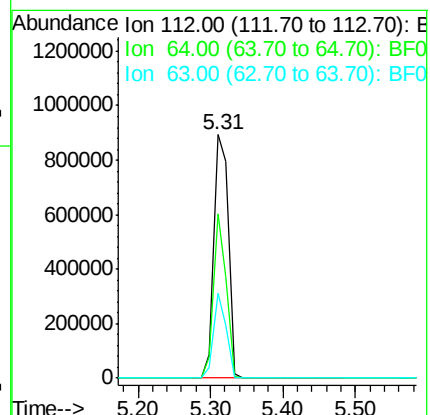
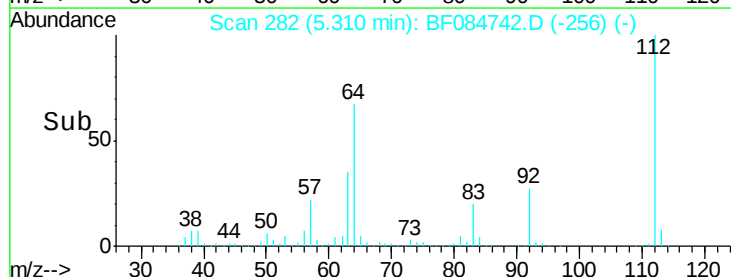
63 35.1 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.64 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

Instrument :

BNA_F

ClientSampleId :

SW006

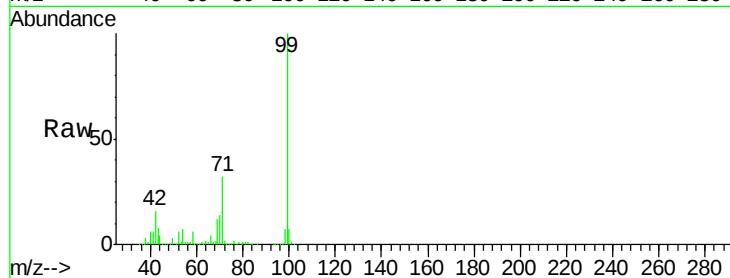
Tgt Ion: 99 Resp: 1681409

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

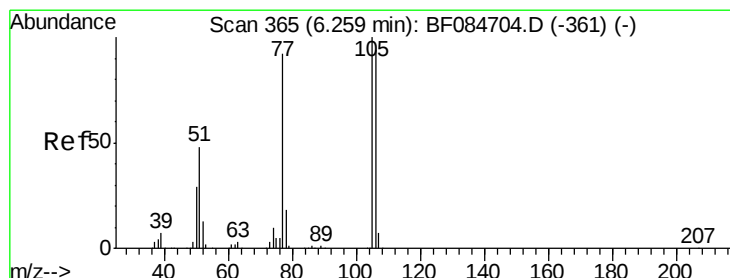
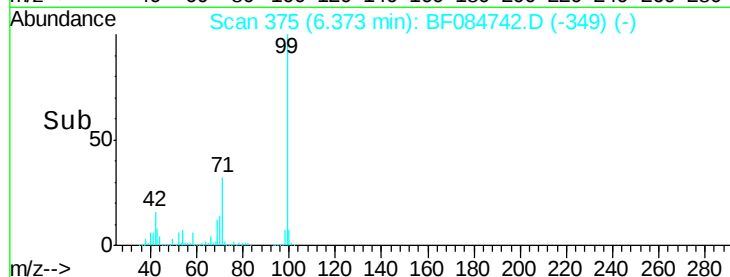
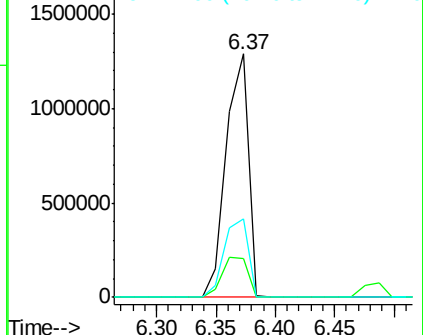
71 32.4 30.9 46.3



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



#9

Benzaldehyde

Concen: 3.42 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.22 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

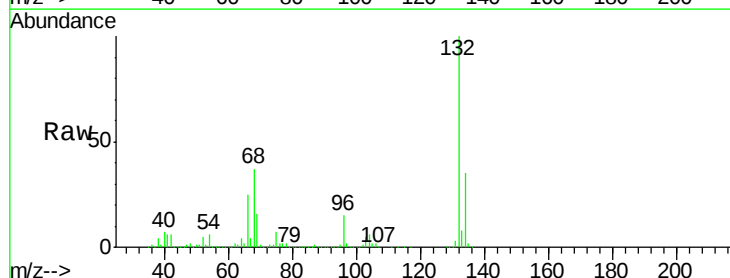
Tgt Ion: 77 Resp: 33106

Ion Ratio Lower Upper

77 100

105 86.6 83.0 123.0

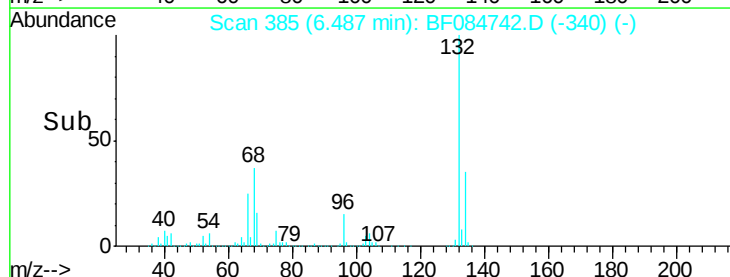
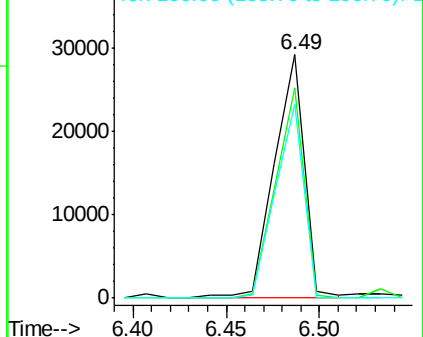
106 79.5 74.6 114.6

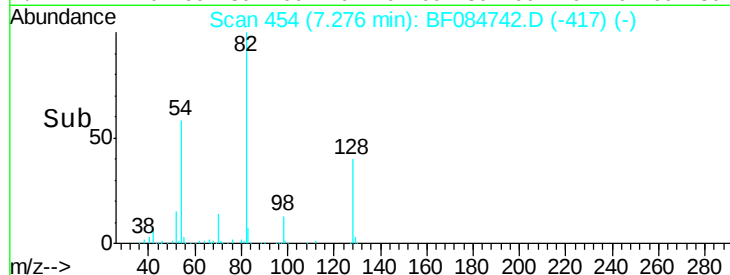
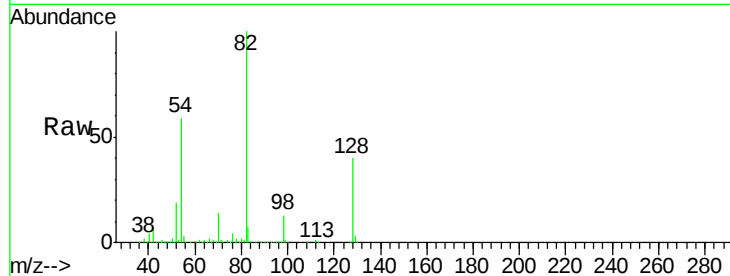


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

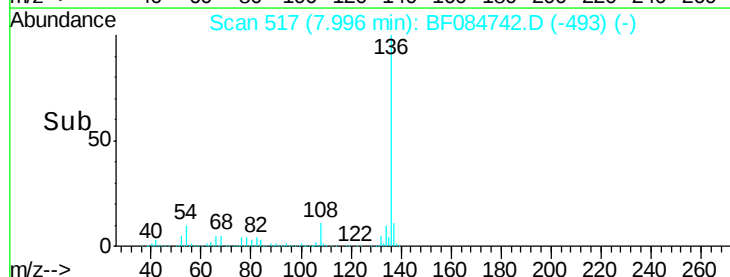
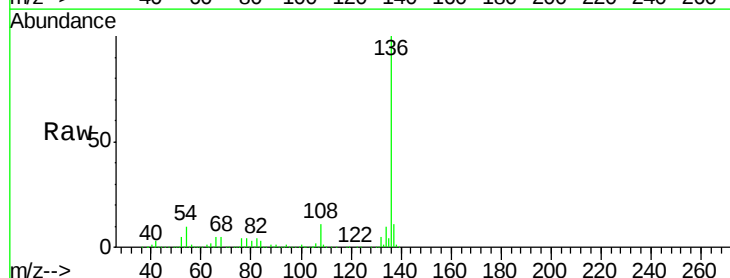
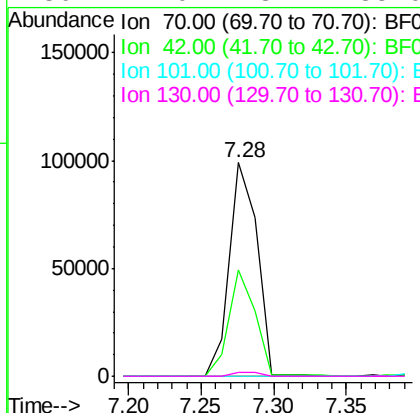




#19
n-Nitroso-di-n-propylamine
Concen: 12.77 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

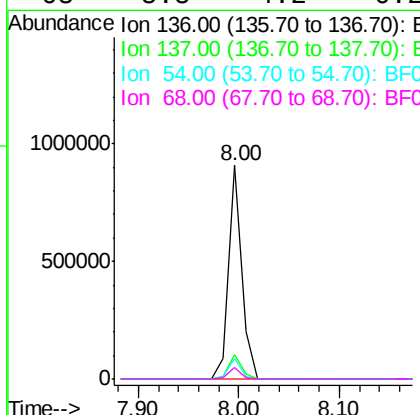
Instrument :
BNA_F
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SW006

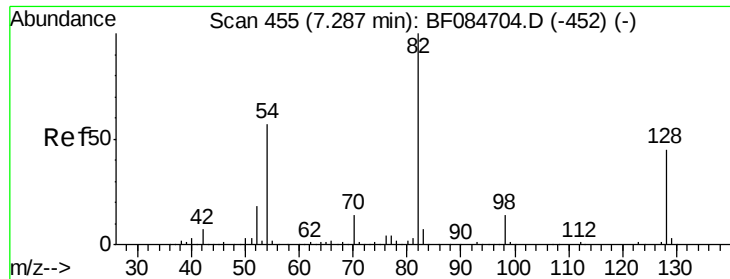
Tgt Ion:	70	Resp:	131121
Ion Ratio	Lower	Upper	
70	100		
42	50.0	33.3	49.9#
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:	136	Resp:	825578
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.7	13.1
54	9.7	5.8	8.8#
68	5.5	4.2	6.2

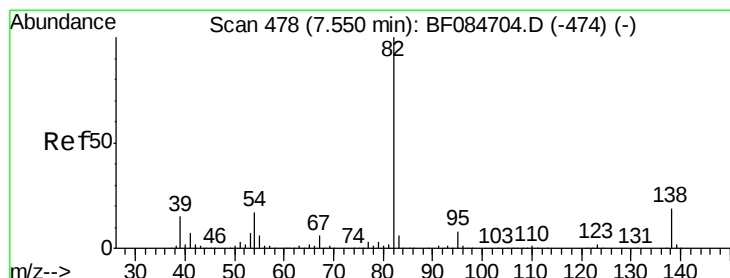
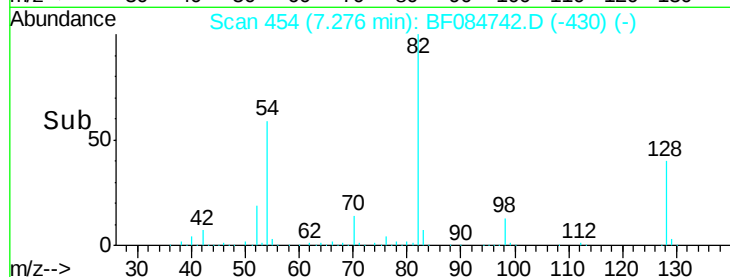
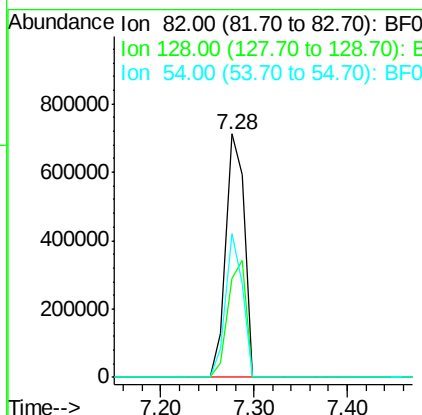
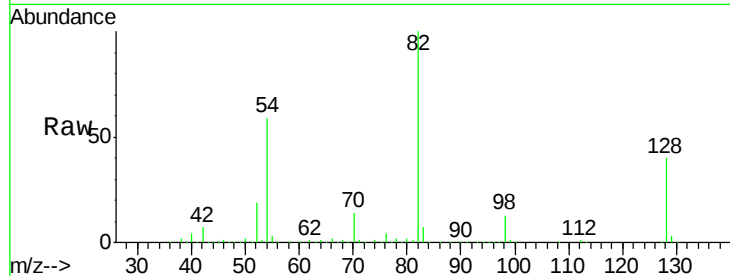




#23
 Nitrobenzene-d5
 Concen: 67.40 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF084742.D
 Acq: 2 Feb 2016 6:32

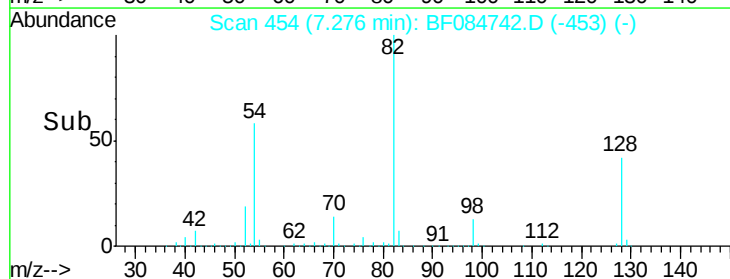
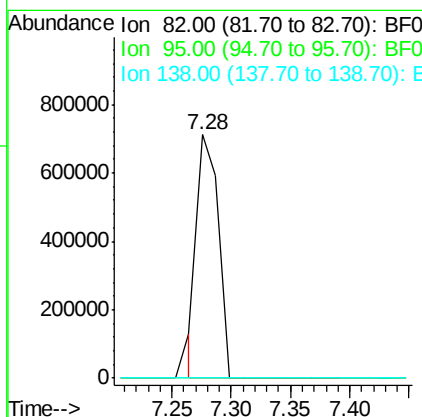
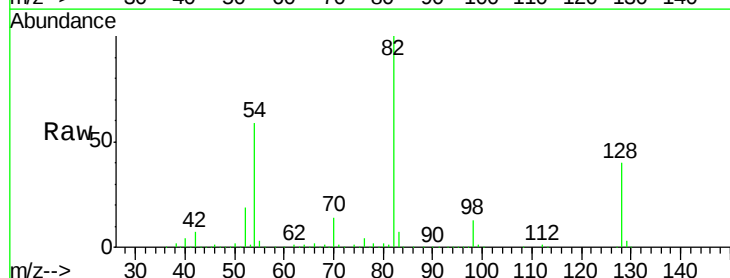
Instrument :
 BNA_F
 ClientSampleId :
 SW006

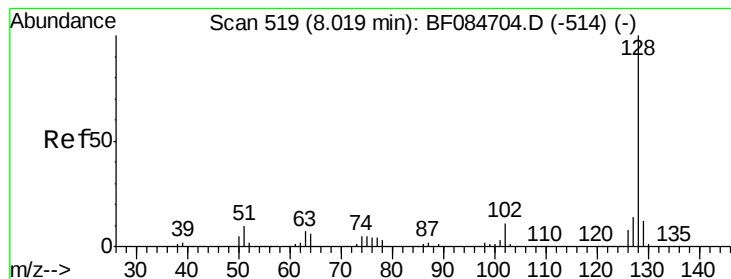
Tgt Ion: 82 Resp: 987811
 Ion Ratio Lower Upper
 82 100
 128 40.5 34.6 51.8
 54 59.2 38.4 57.6#



#25
 Isophorone
 Concen: 31.59 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.29 min
 Lab File: BF084742.D
 Acq: 2 Feb 2016 6:32

Tgt Ion: 82 Resp: 900329
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 10.0#
 138 0.0 13.6 20.4#





#31

Naphthalene

Concen: 2.01 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

Instrument :

BNA_F

ClientSampled :

SW006

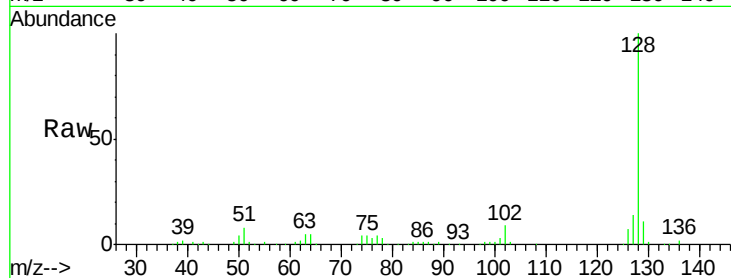
Tgt Ion:128 Resp: 83201

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

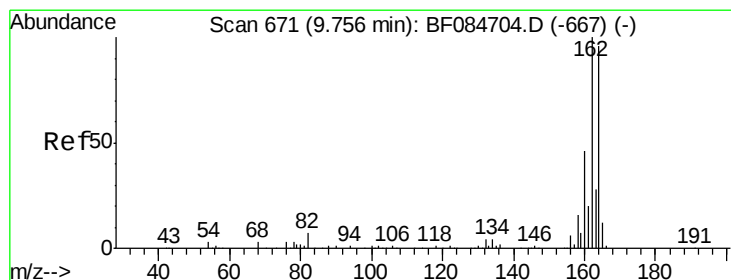
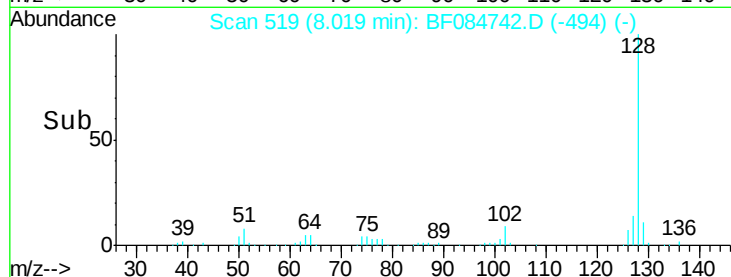
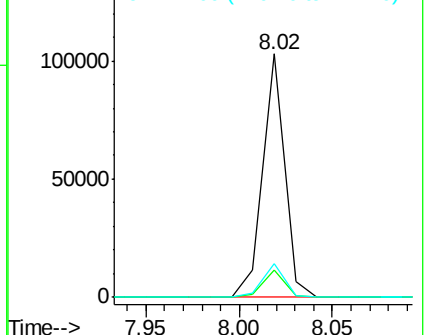
127 13.7 11.1 16.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

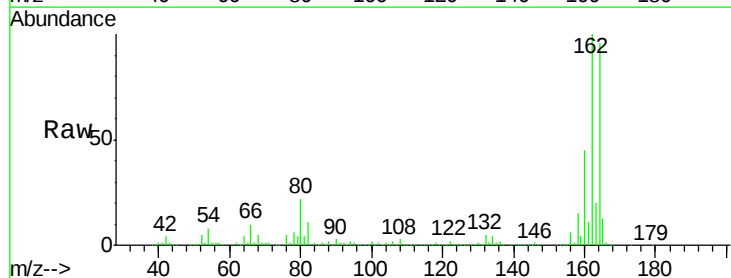
Tgt Ion:164 Resp: 387096

Ion Ratio Lower Upper

164 100

162 104.5 85.1 127.7

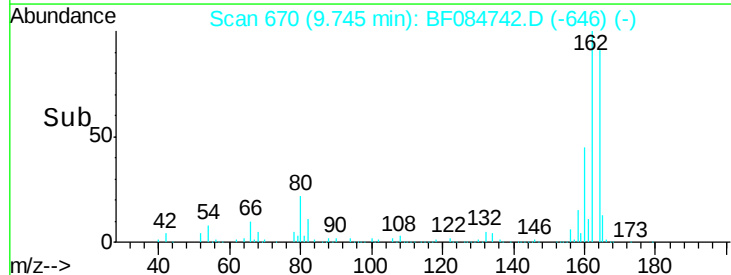
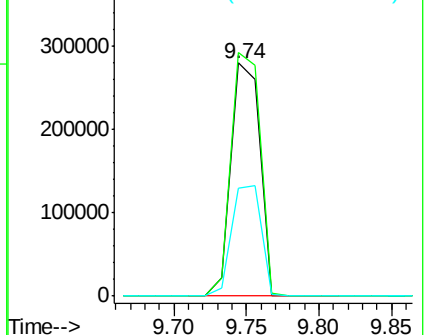
160 46.5 37.5 56.3

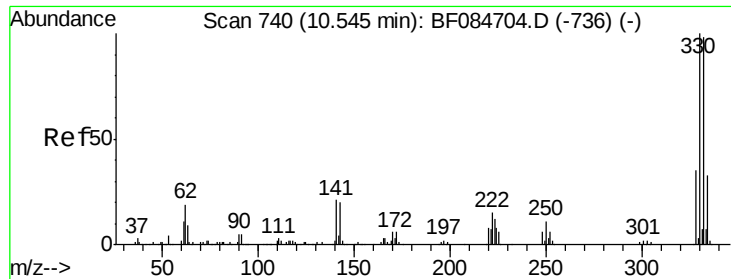


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

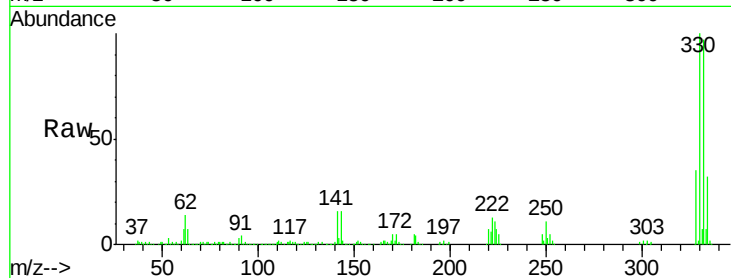




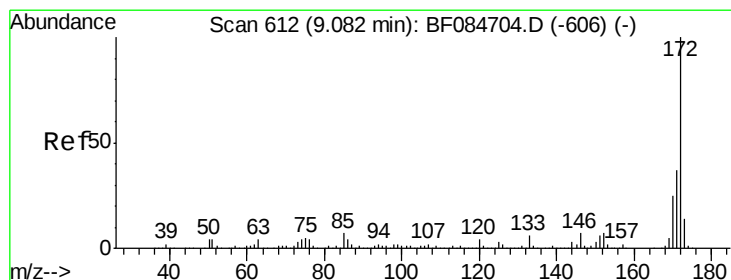
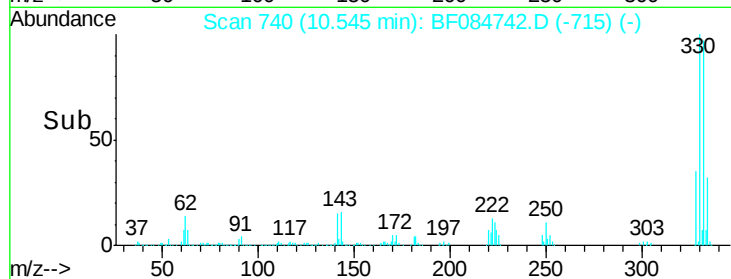
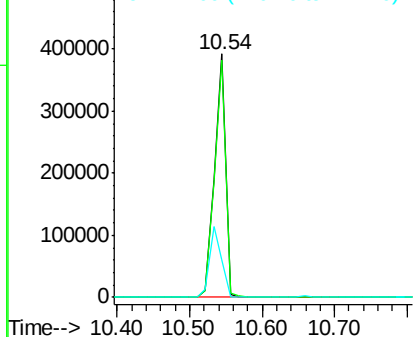
#41
 2,4,6-Tribromophenol
 Concen: 103.20 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084742.D
 Acq: 2 Feb 2016 6:32

Instrument :
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Tgt Ion:330 Resp: 416702
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 31.7 27.8 41.6

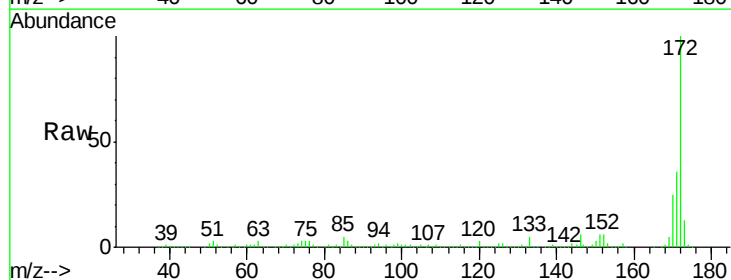


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

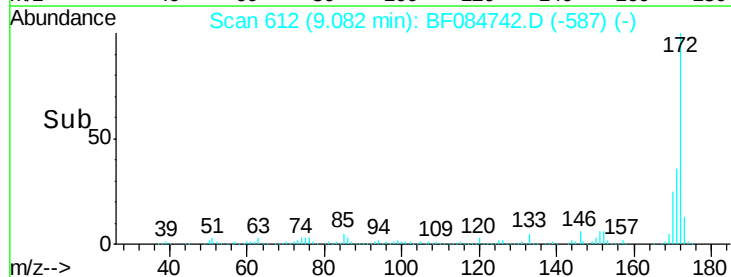
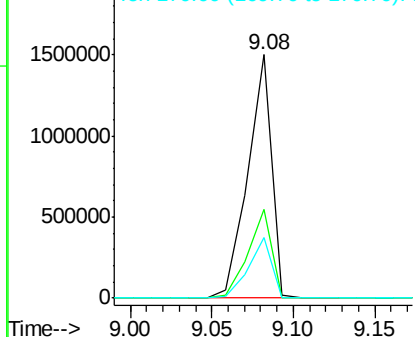


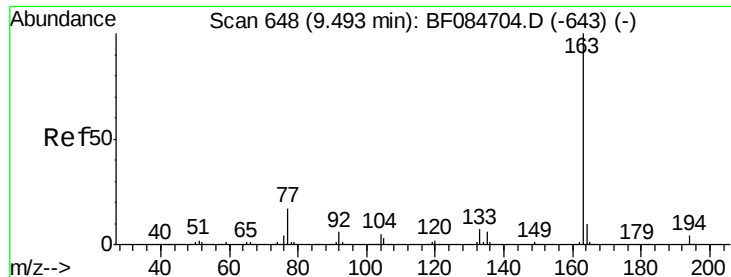
#44
 2-Fluorobiphenyl
 Concen: 59.53 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084742.D
 Acq: 2 Feb 2016 6:32

Tgt Ion:172 Resp: 1510176
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.8 18.6 27.8



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





#49

Dimethylphthalate

Concen: 9.45 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

Instrument :

BNA_F

ClientSampleId :

SW006

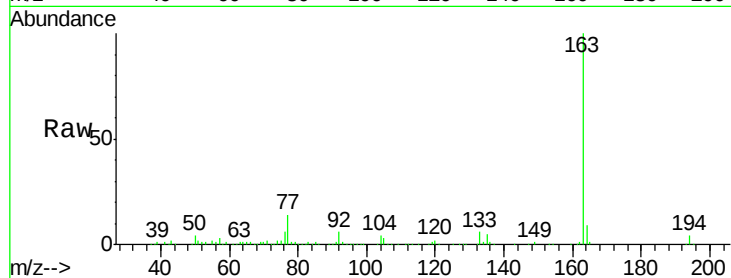
Tgt Ion:163 Resp: 278566

Ion Ratio Lower Upper

163 100

194 3.9 8.0 12.0#

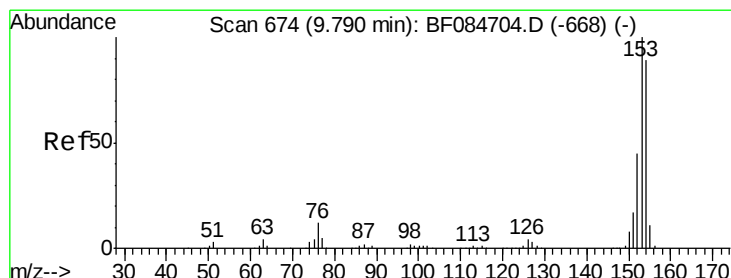
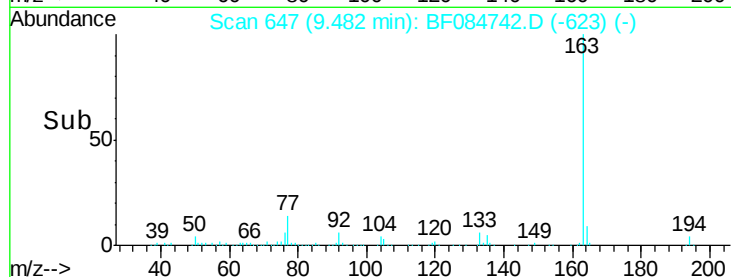
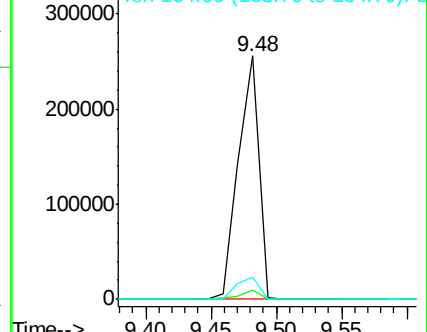
164 9.3 8.0 12.0



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: 2.37 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

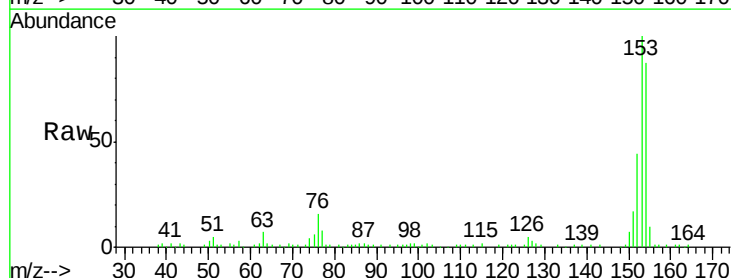
Tgt Ion:154 Resp: 59682

Ion Ratio Lower Upper

154 100

153 114.8 91.5 137.3

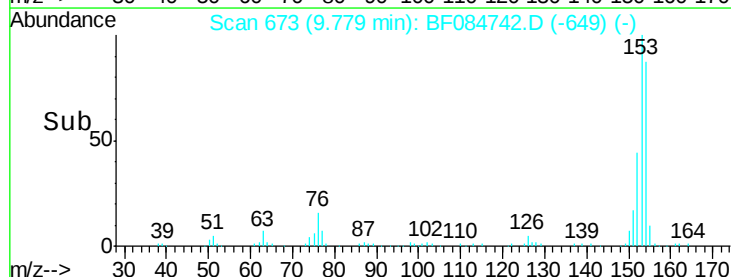
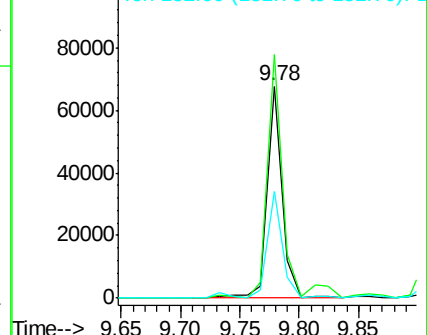
152 50.5 43.0 64.6

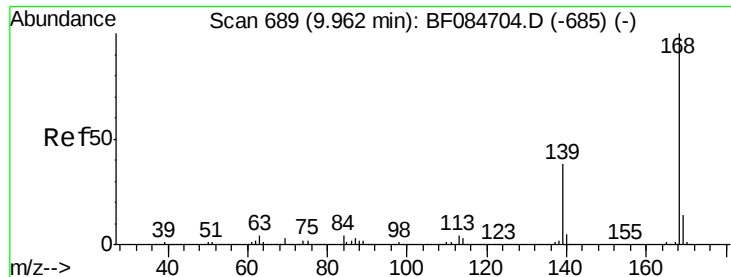


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

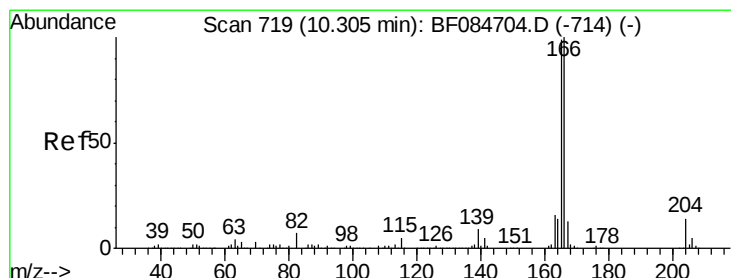
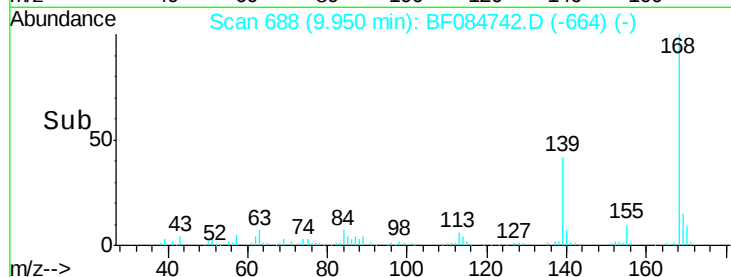
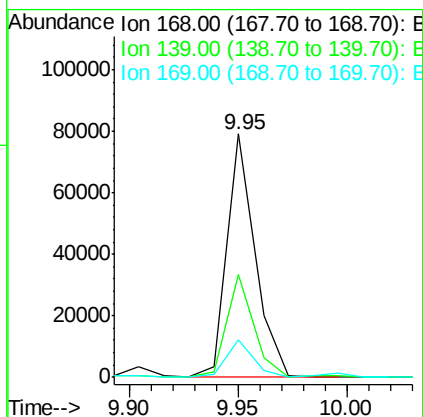
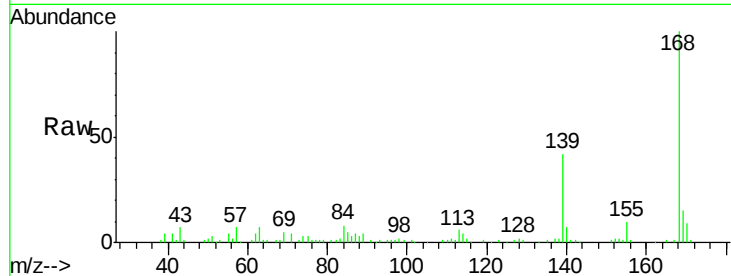




#54
Dibenzenofuran
Concen: 2.30 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

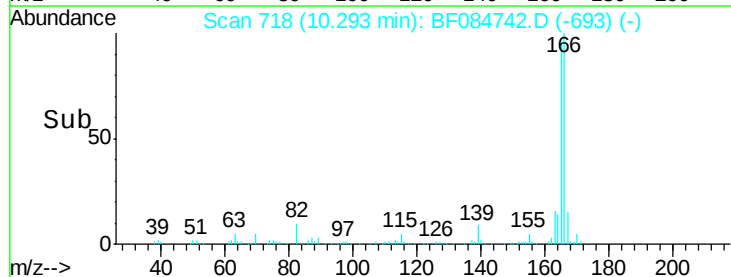
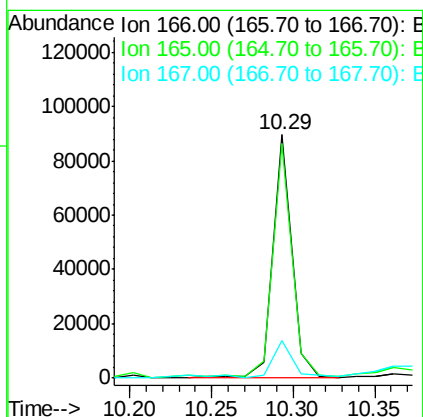
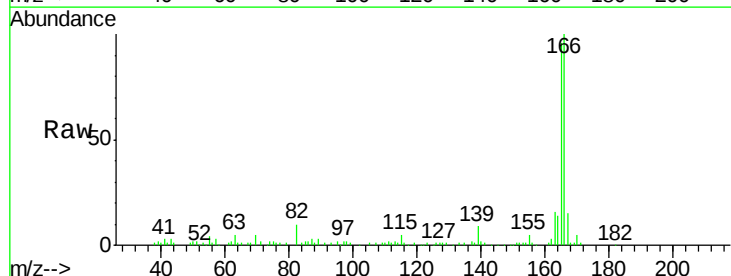
Instrument :
BNA_F
ClientSampled :
SW006

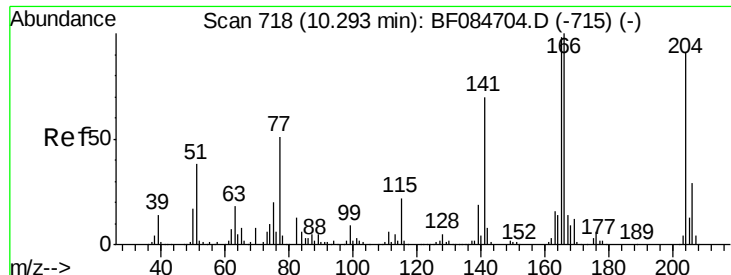
Tgt Ion:168 Resp: 70620
Ion Ratio Lower Upper
168 100
139 42.0 30.5 45.7
169 15.2 10.4 15.6



#57
Fluorene
Concen: 2.86 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:166 Resp: 73442
Ion Ratio Lower Upper
166 100
165 96.3 79.1 118.7
167 15.5 10.4 15.6

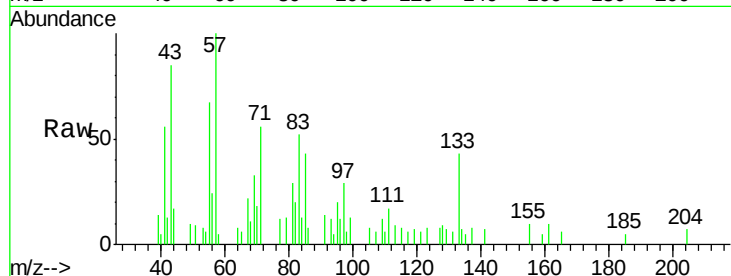




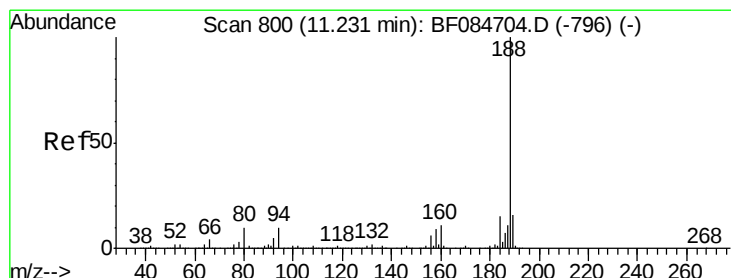
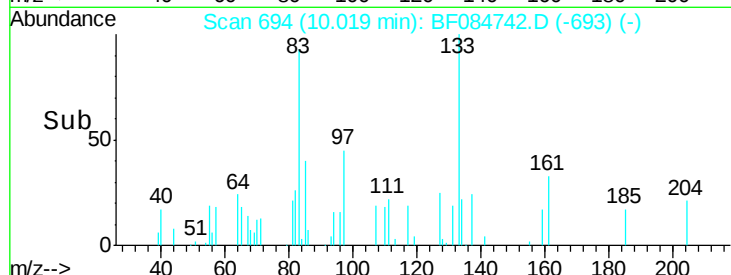
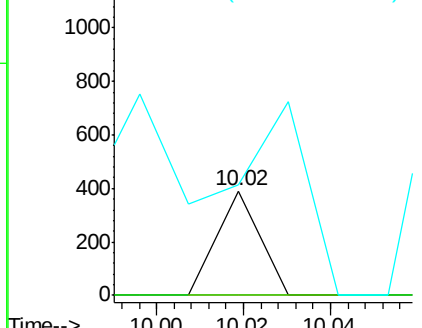
#60
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.02 min Scan# 694
 Delta R.T. -0.29 min
 Lab File: BF084742.D
 Acq: 2 Feb 2016 6:32

Instrument :
 BNA_F
 ClientSampled :
 SW006

Tgt Ion: 204 Resp: 268
 Ion Ratio Lower Upper
 204 100
 206 0.0 25.7 38.5#
 141 105.4 55.1 82.7#

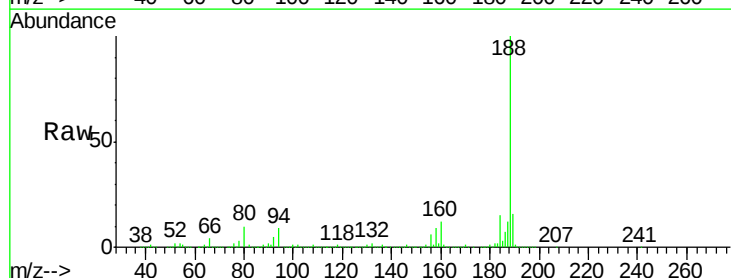


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

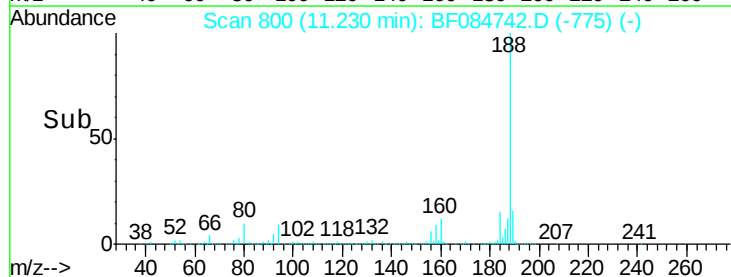
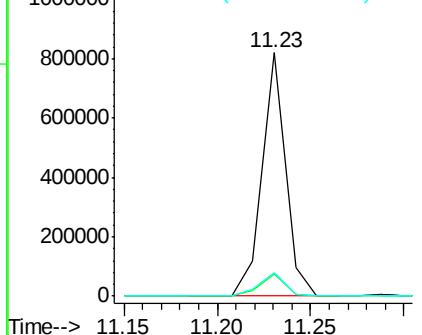


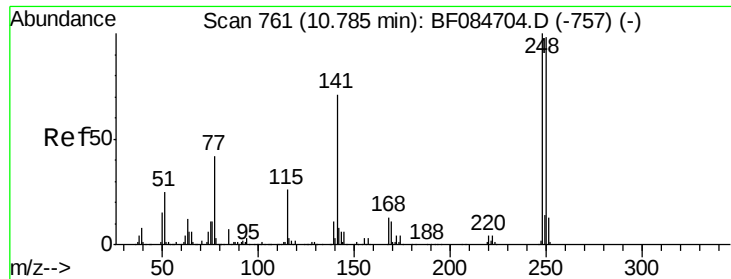
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF084742.D
 Acq: 2 Feb 2016 6:32

Tgt Ion: 188 Resp: 712354
 Ion Ratio Lower Upper
 188 100
 94 9.0 9.0 13.4
 80 9.5 9.6 14.4#



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

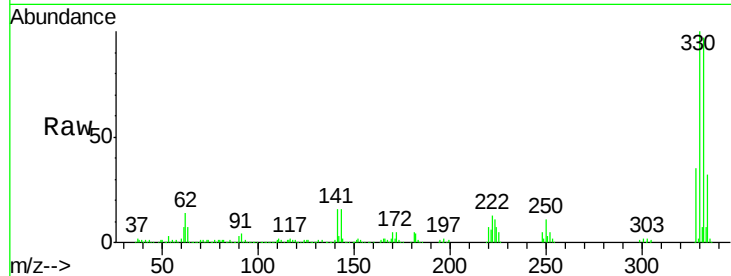




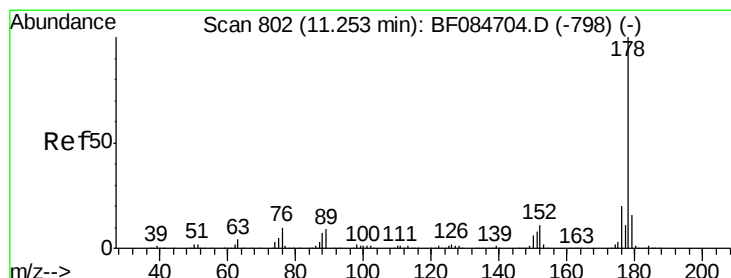
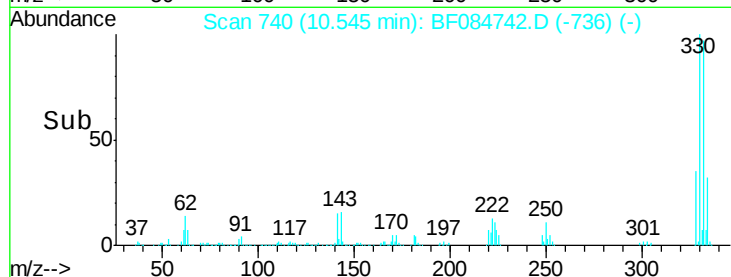
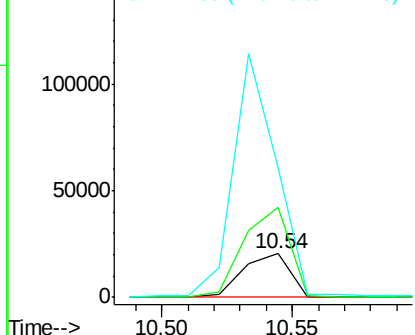
#66
 4-Bromophenyl-phenylether
 Concen: 3.30 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF084742.D
 Acq: 2 Feb 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 SW006

Tgt Ion:248 Resp: 25925
 Ion Ratio Lower Upper
 248 100
 250 207.7 78.4 117.6#
 141 298.9 44.0 66.0#

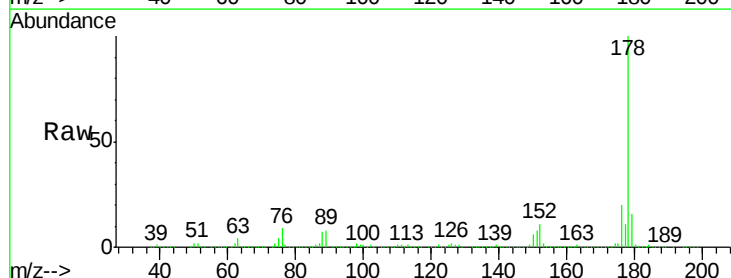


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

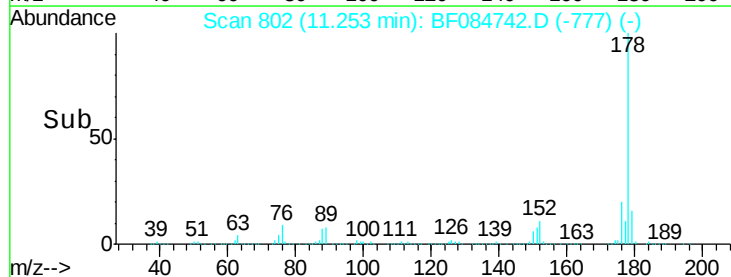
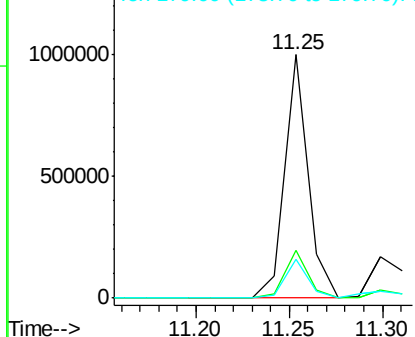


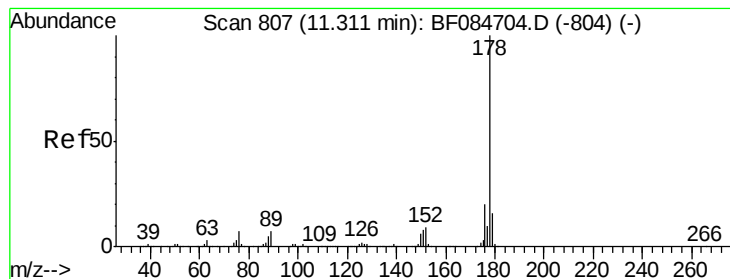
#70
 Phenanthrene
 Concen: 22.10 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084742.D
 Acq: 2 Feb 2016 6:32

Tgt Ion:178 Resp: 873165
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.3 22.9
 179 16.0 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: 4.89 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

Instrument :

BNA_F

ClientSampled :

SW006

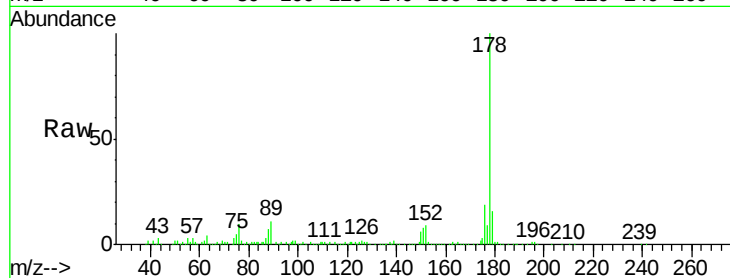
Tgt Ion:178 Resp: 194841

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

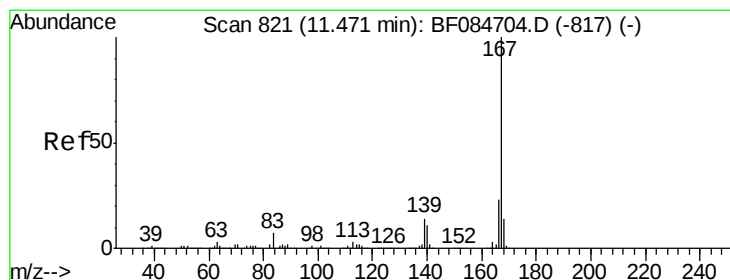
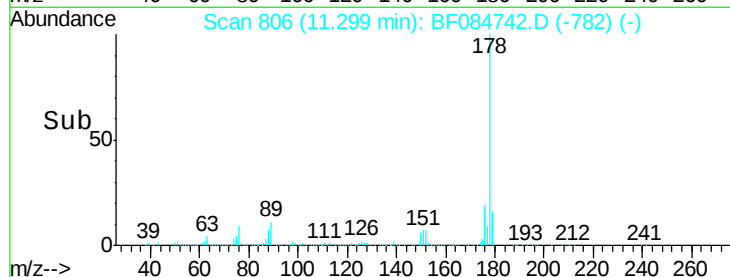
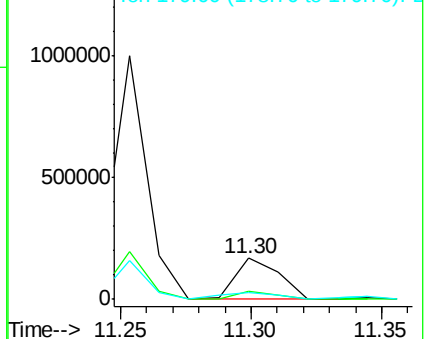
179 15.8 12.5 18.7



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: 2.20 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

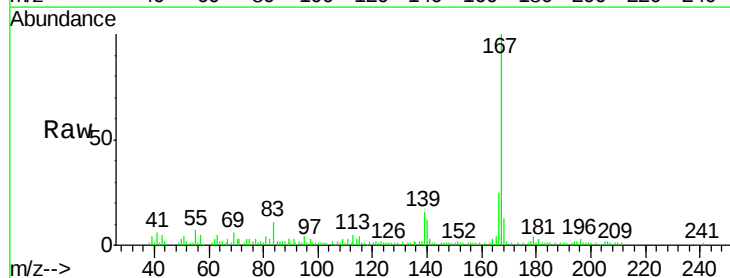
Tgt Ion:167 Resp: 76265

Ion Ratio Lower Upper

167 100

166 24.6 17.6 26.4

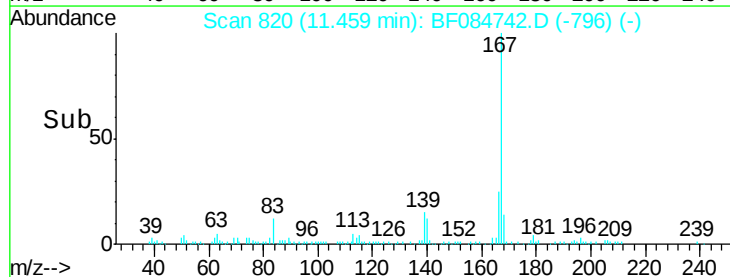
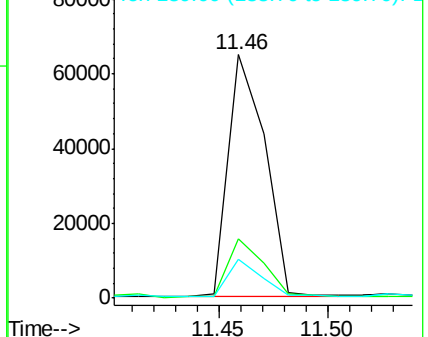
139 15.9 11.8 17.8

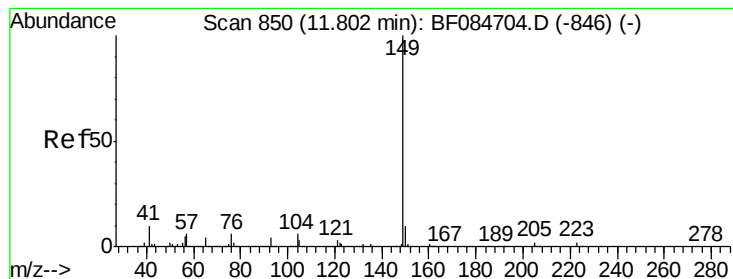


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 2.08 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

Instrument :

BNA_F

ClientSampleId :

SW006

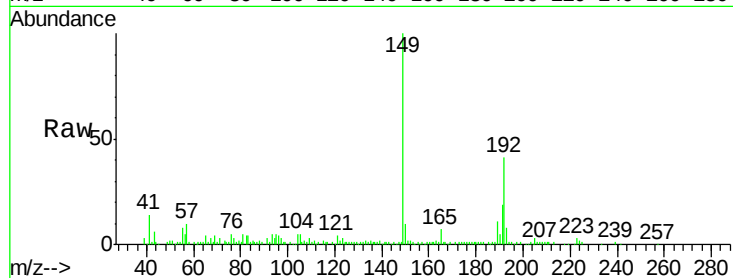
Tgt Ion:149 Resp: 91726

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

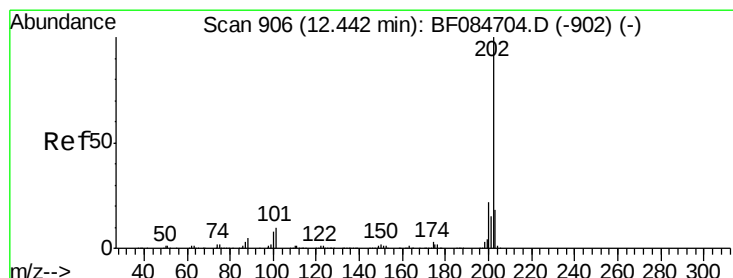
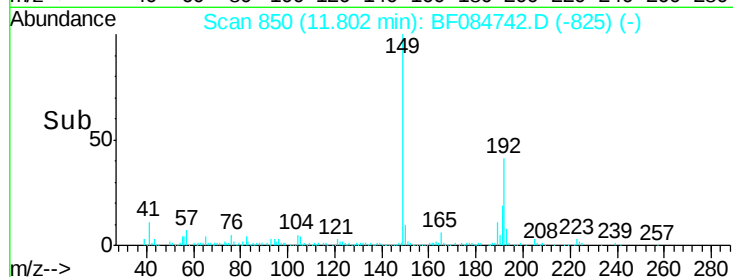
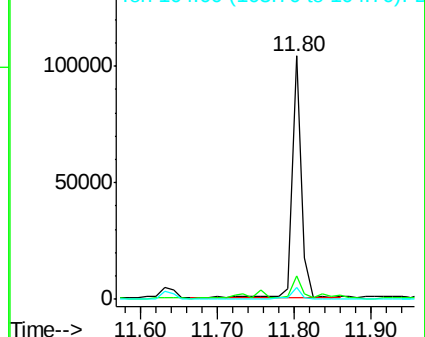
104 5.1 3.2 4.8#



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: 22.96 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

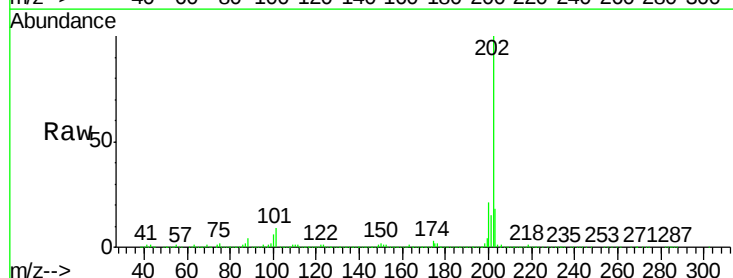
Tgt Ion:202 Resp: 918255

Ion Ratio Lower Upper

202 100

101 8.7 0.0 32.8

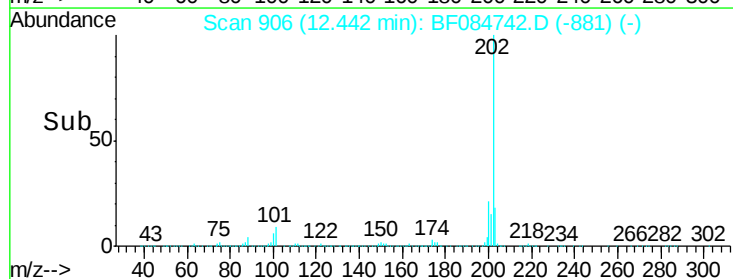
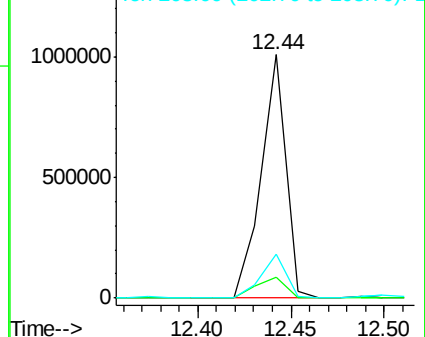
203 18.1 0.0 37.9

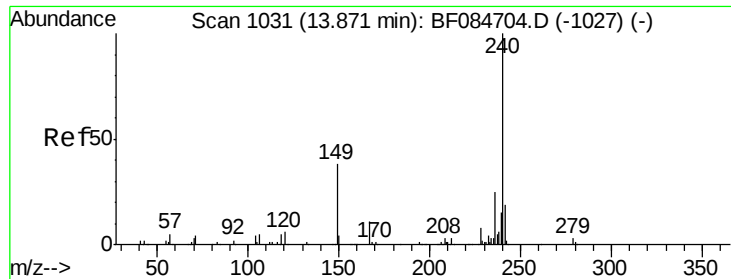


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

Instrument :

BNA_F

ClientSampleId :

SW006

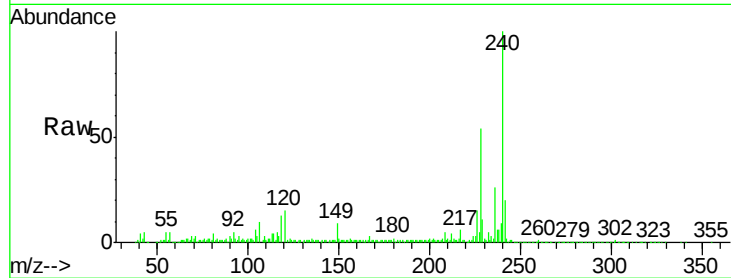
Tgt Ion:240 Resp: 424571

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

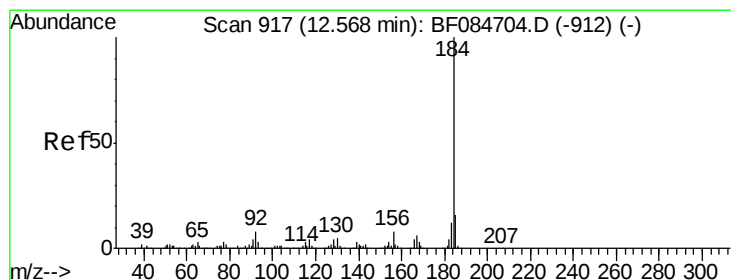
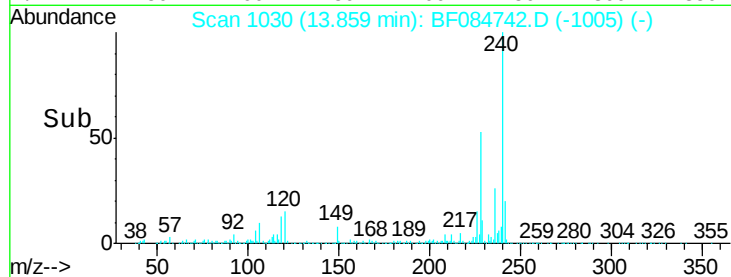
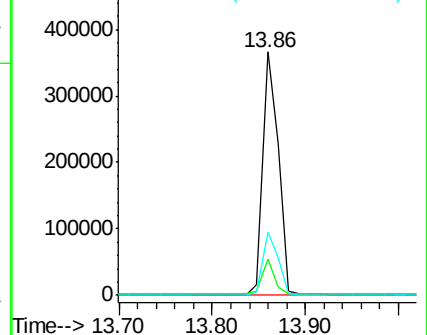
236 26.1 20.6 31.0



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: 6.92 ng

RT: 12.61 min Scan# 921

Delta R.T. 0.03 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

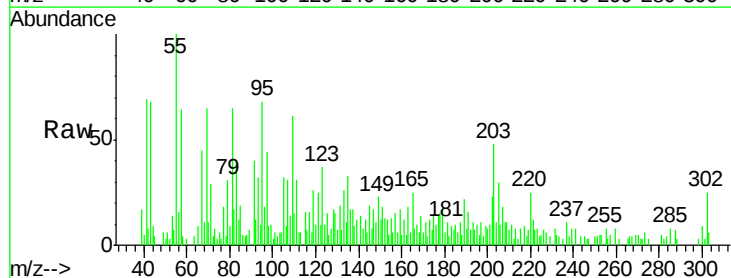
Tgt Ion:184 Resp: 744

Ion Ratio Lower Upper

184 100

185 149.9 12.2 18.2#

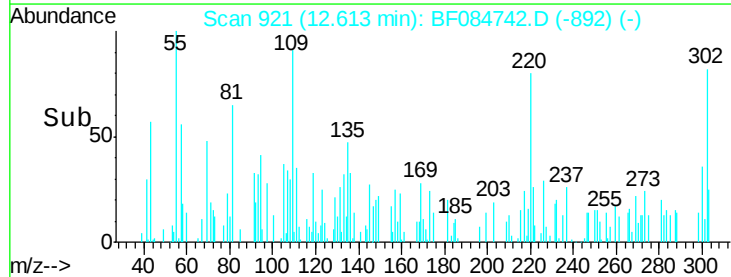
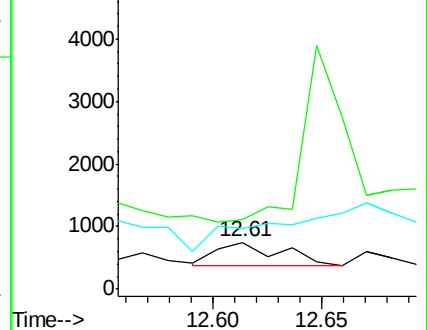
183 128.3 9.8 14.8#

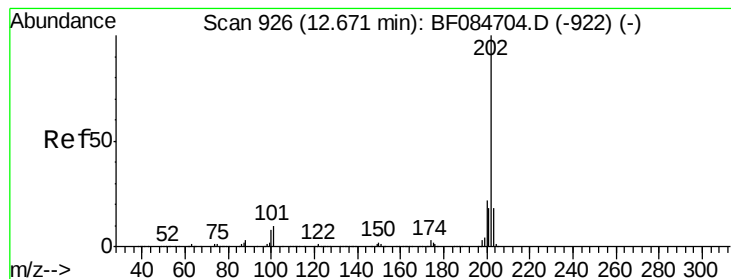


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 23.91 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

Instrument :

BNA_F

ClientSampleId :

SW006

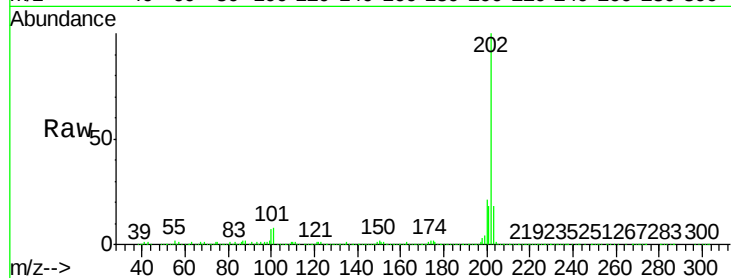
Tgt Ion:202 Resp: 777156

Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

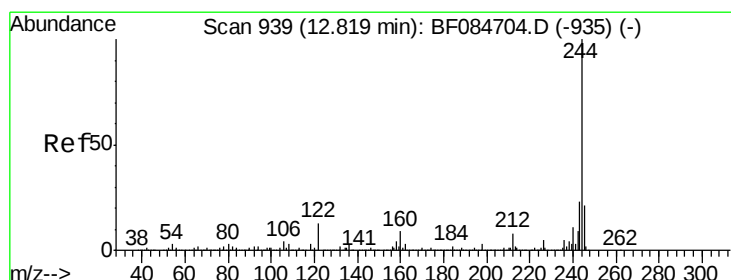
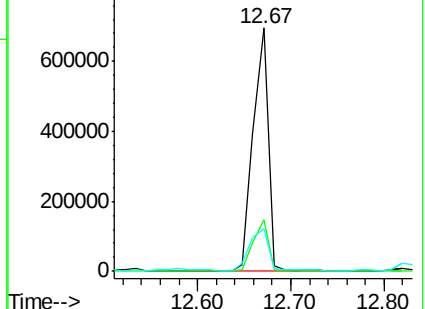
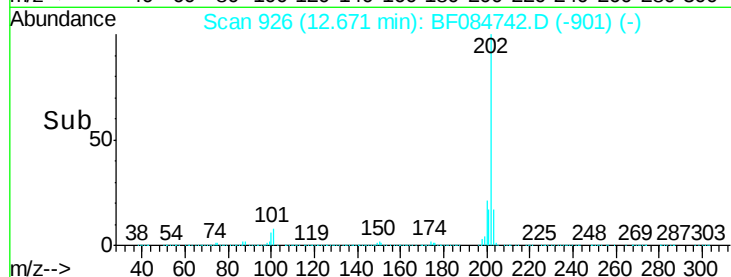
203 17.6 14.3 21.5



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: 59.10 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

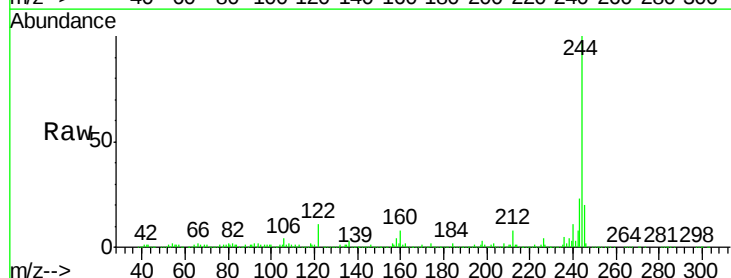
Tgt Ion:244 Resp: 1107239

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

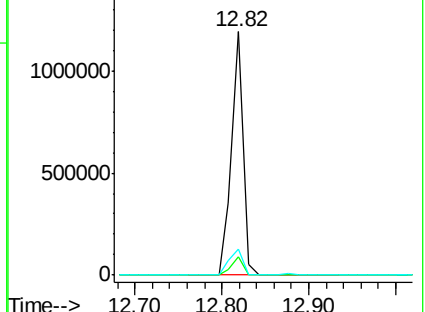
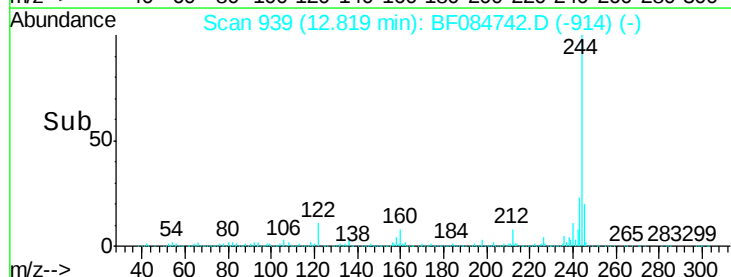
122 10.9 7.4 11.0

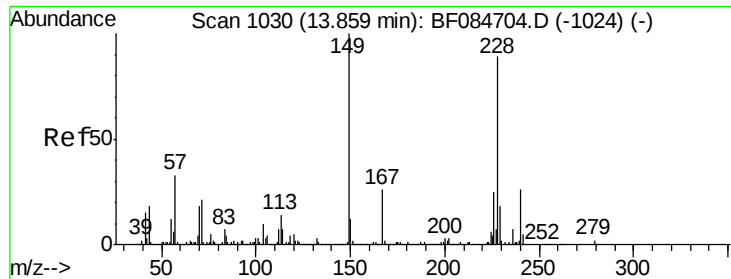


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 12.56 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

Instrument :

BNA_F

ClientSampleId :

SW006

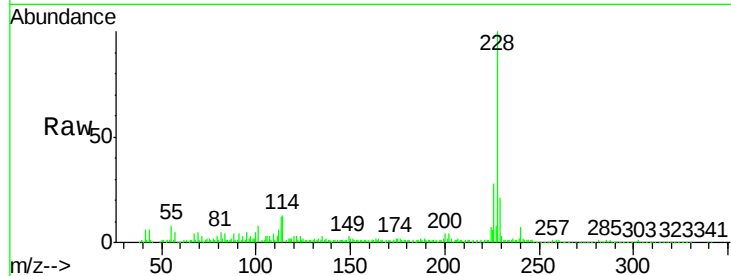
Tgt Ion:228 Resp: 330984

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

229 21.0 15.8 23.8

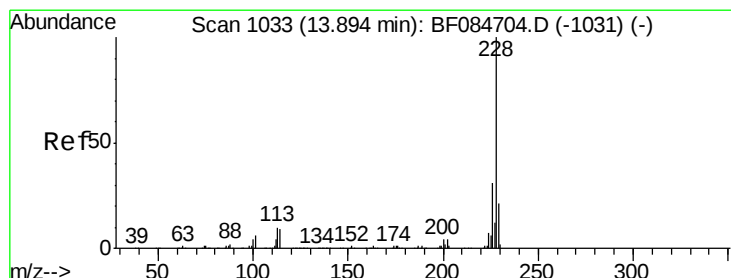
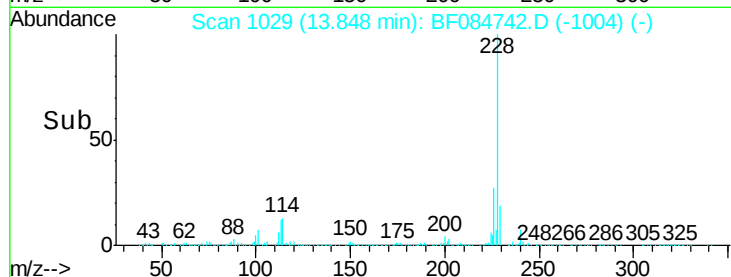
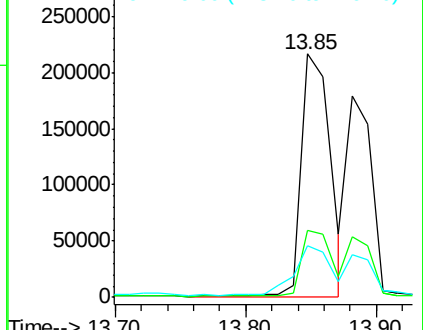


Abundance

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



#82

Chrysene

Concen: 12.95 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

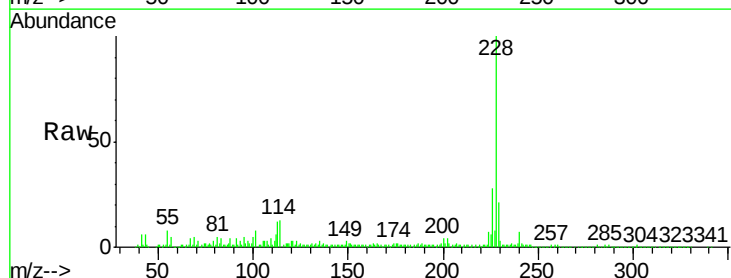
Tgt Ion:228 Resp: 330984

Ion Ratio Lower Upper

228 100

226 27.6 24.3 36.5

229 21.0 16.1 24.1

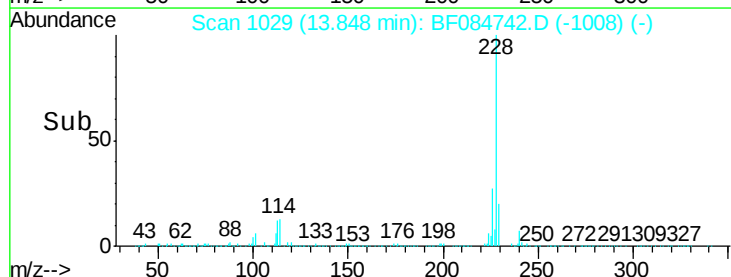
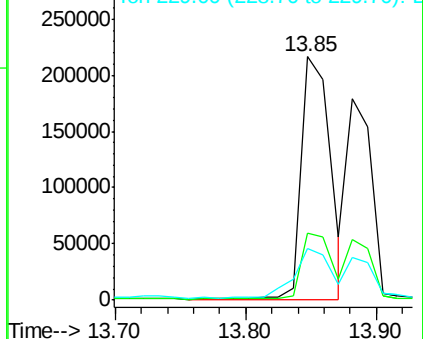


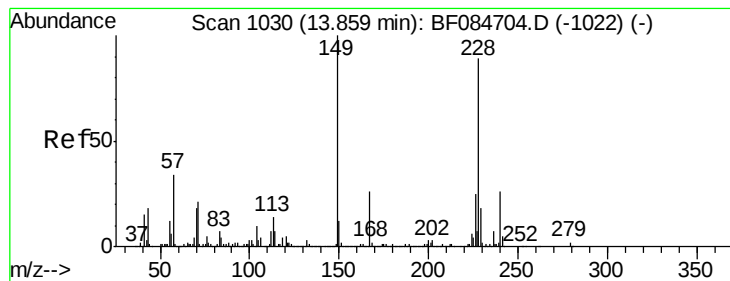
Abundance

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: 6.29 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.02 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

Instrument :

BNA_F

ClientSampleId :

SW006

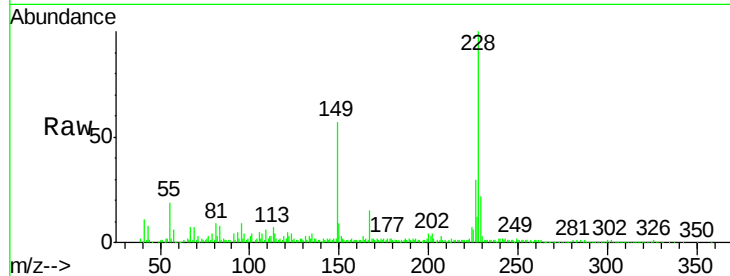
Tgt Ion:149 Resp: 115497

Ion Ratio Lower Upper

149 100

167 26.1 19.7 29.5

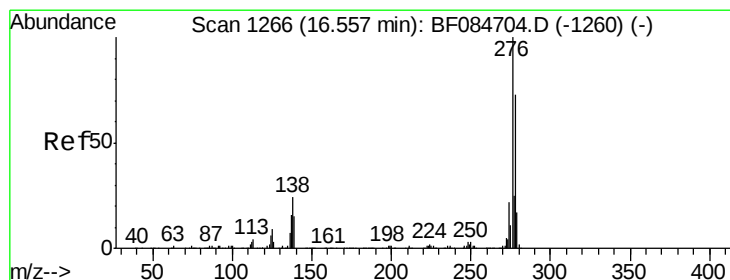
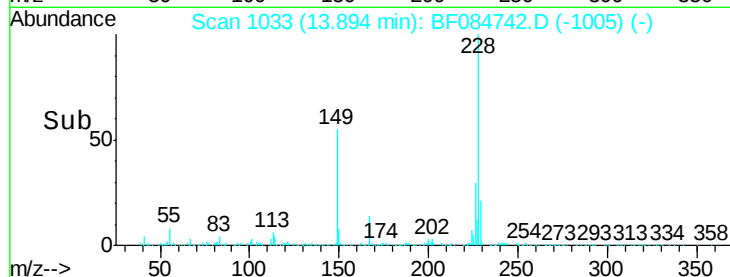
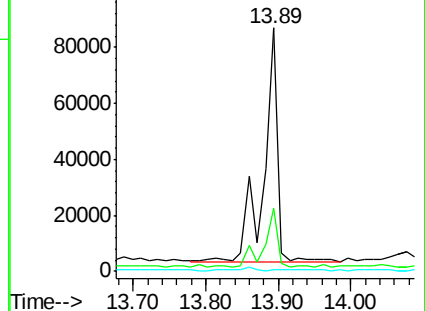
279 0.5 1.8 2.6#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 6.79 ng

RT: 16.56 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF084742.D

Acq: 2 Feb 2016 6:32

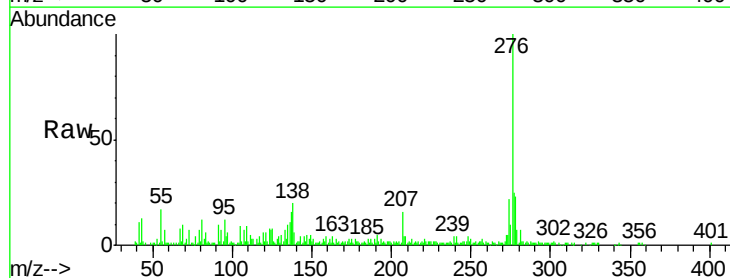
Tgt Ion:276 Resp: 136661

Ion Ratio Lower Upper

276 100

138 22.4 20.6 30.8

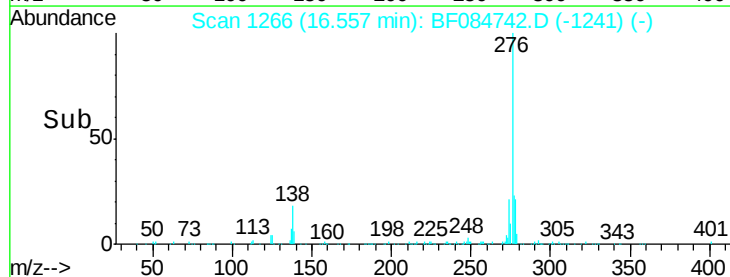
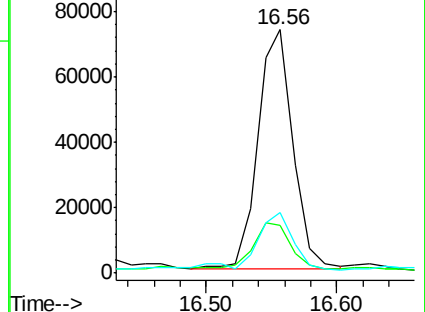
277 27.5 20.1 30.1

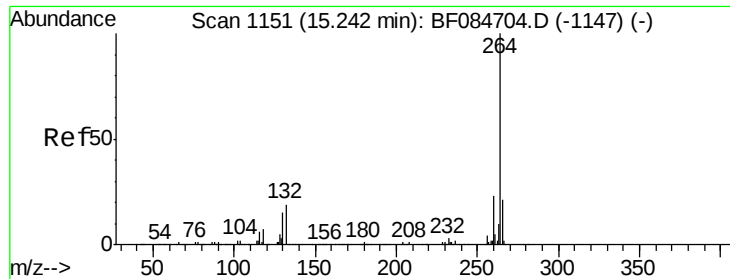


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



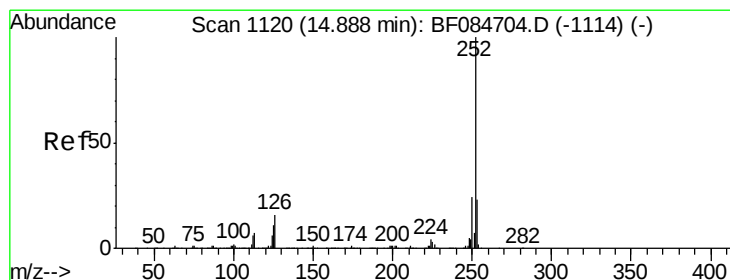
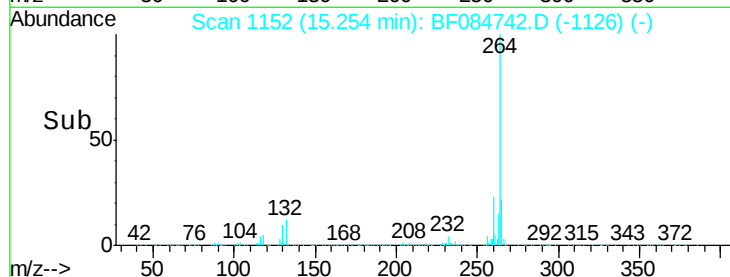
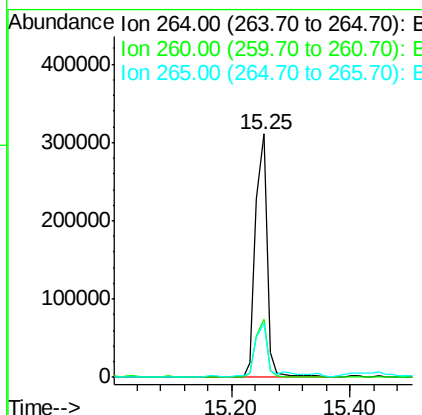
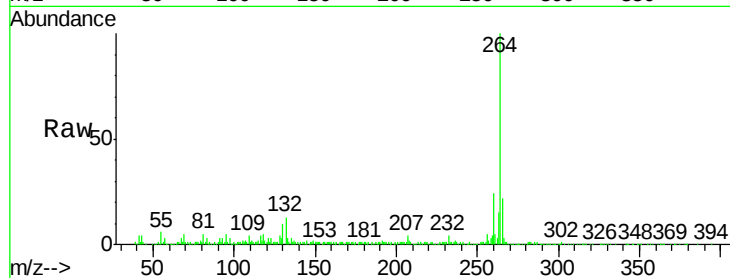


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion: 264 Resp: 416109

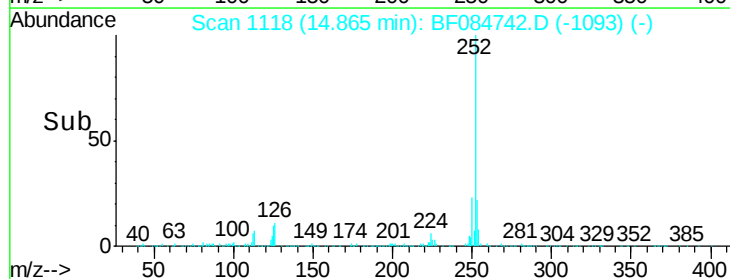
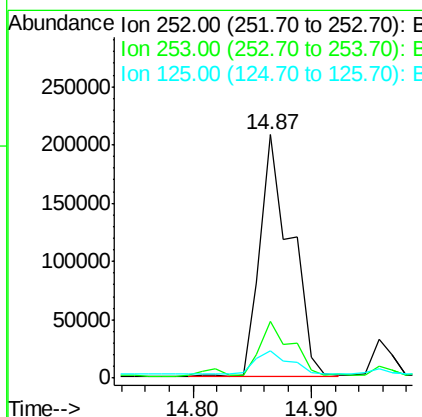
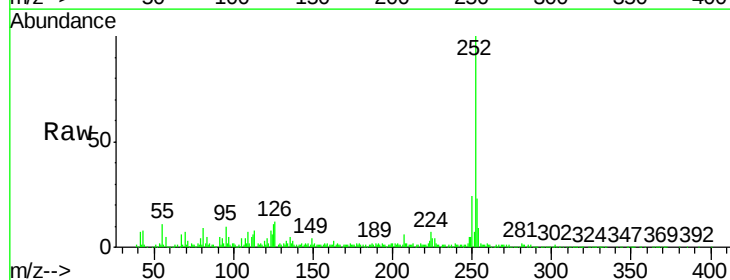
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.4	17.8	26.6

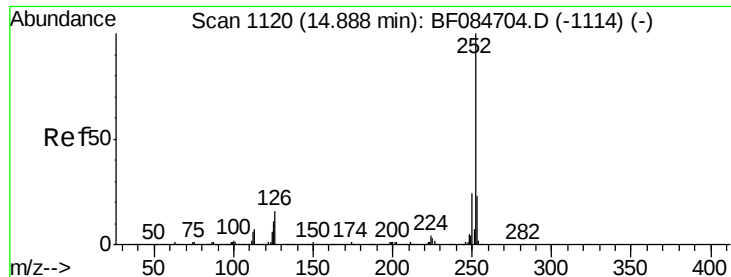


#87
Benzo(b)fluoranthene
Concen: 13.48 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion: 252 Resp: 376819

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	11.4	6.5	9.7#

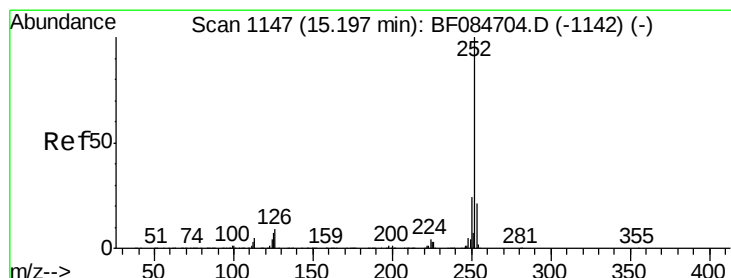
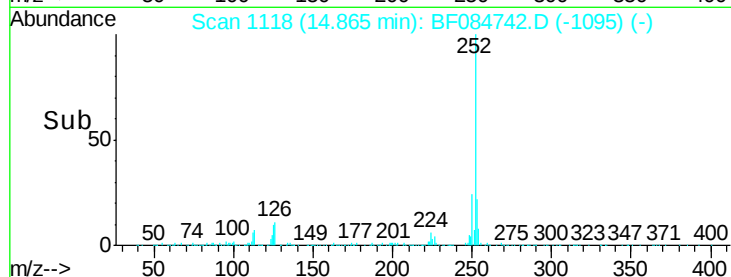
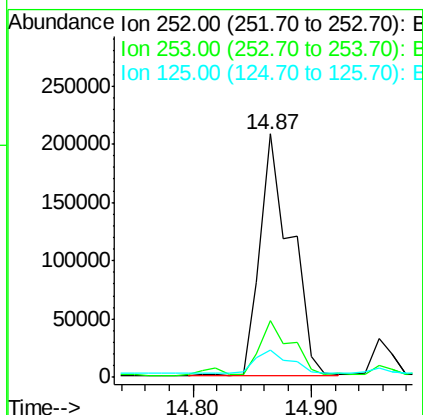
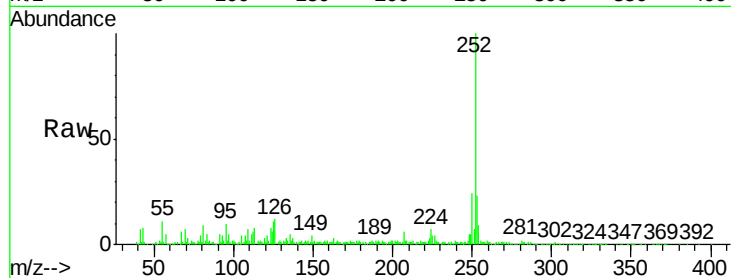




#88
Benzo(k)fluoranthene
Concen: 16.30 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

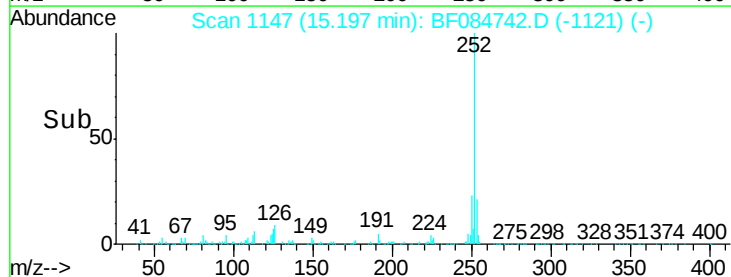
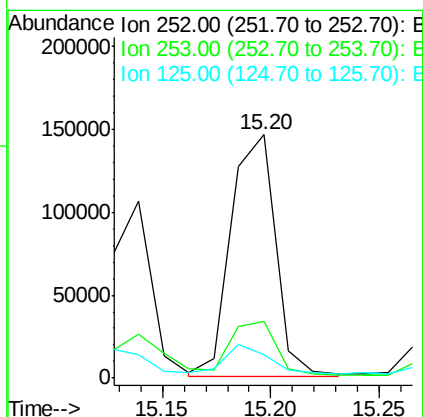
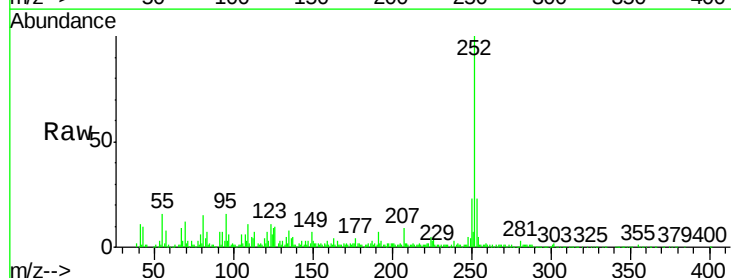
Instrument :
BNA_F
ClientSampleId :
SW006

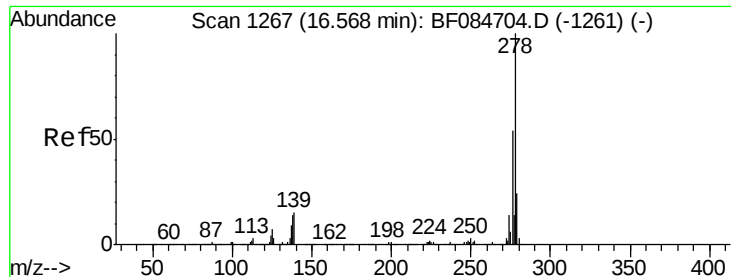
Tgt Ion:252 Resp: 376691
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 11.4 9.0 13.6



#89
Benzo(a)pyrene
Concen: 8.69 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:252 Resp: 207075
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 9.4 7.0 10.4

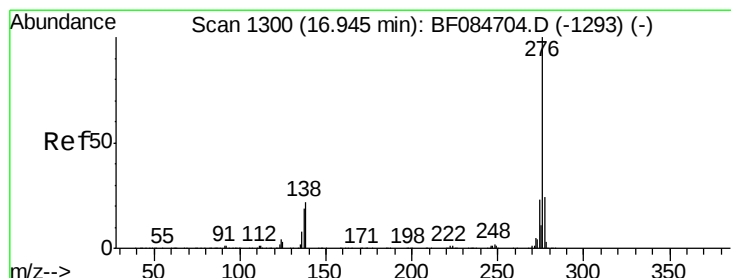
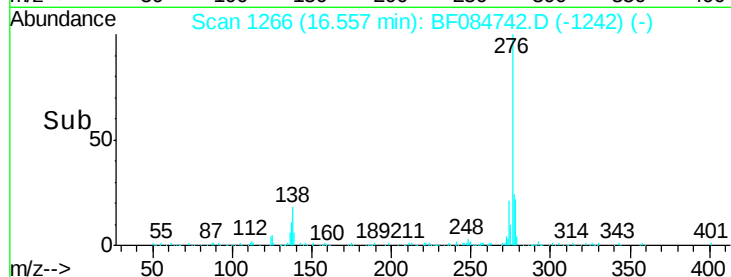
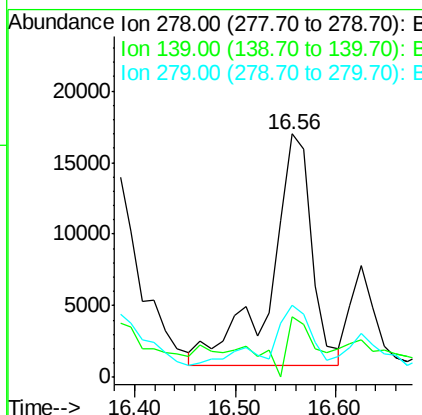
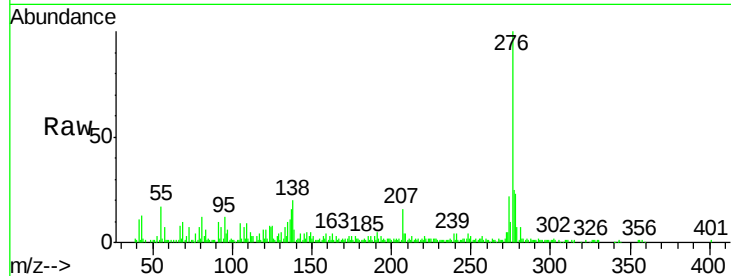




#90
Dibenzo(a,h)anthracene
Concen: 2.29 ng
RT: 16.56 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampled :
SW006

Tgt Ion:278 Resp: 45887
Ion Ratio Lower Upper
278 100
139 24.7 15.0 22.4#
279 29.7 18.9 28.3#



#91
Benzo(g,h,i)perylene
Concen: 6.40 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:276 Resp: 129338
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 23.0 17.8 26.6

