

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098973.D
 Acq On : 30 Sep 2017 20:07
 Operator : SJ/JU
 Sample : I5563-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 30 23:29:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	141362	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	540747	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	202565	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	292089	20.00	ng	0.00
75) Chrysene-d12	14.09	240	255982	20.00	ng	0.00
86) Perylene-d12	15.59	264	196635	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	425855	47.96	ng	0.00
7) Phenol-d6	6.54	99	510730	46.62	ng	0.00
23) Nitrobenzene-d5	7.47	82	296864	35.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	63577	38.36	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	536670	44.23	ng	-0.01
78) Terphenyl-d14	13.02	244	356115	31.64	ng	-0.01

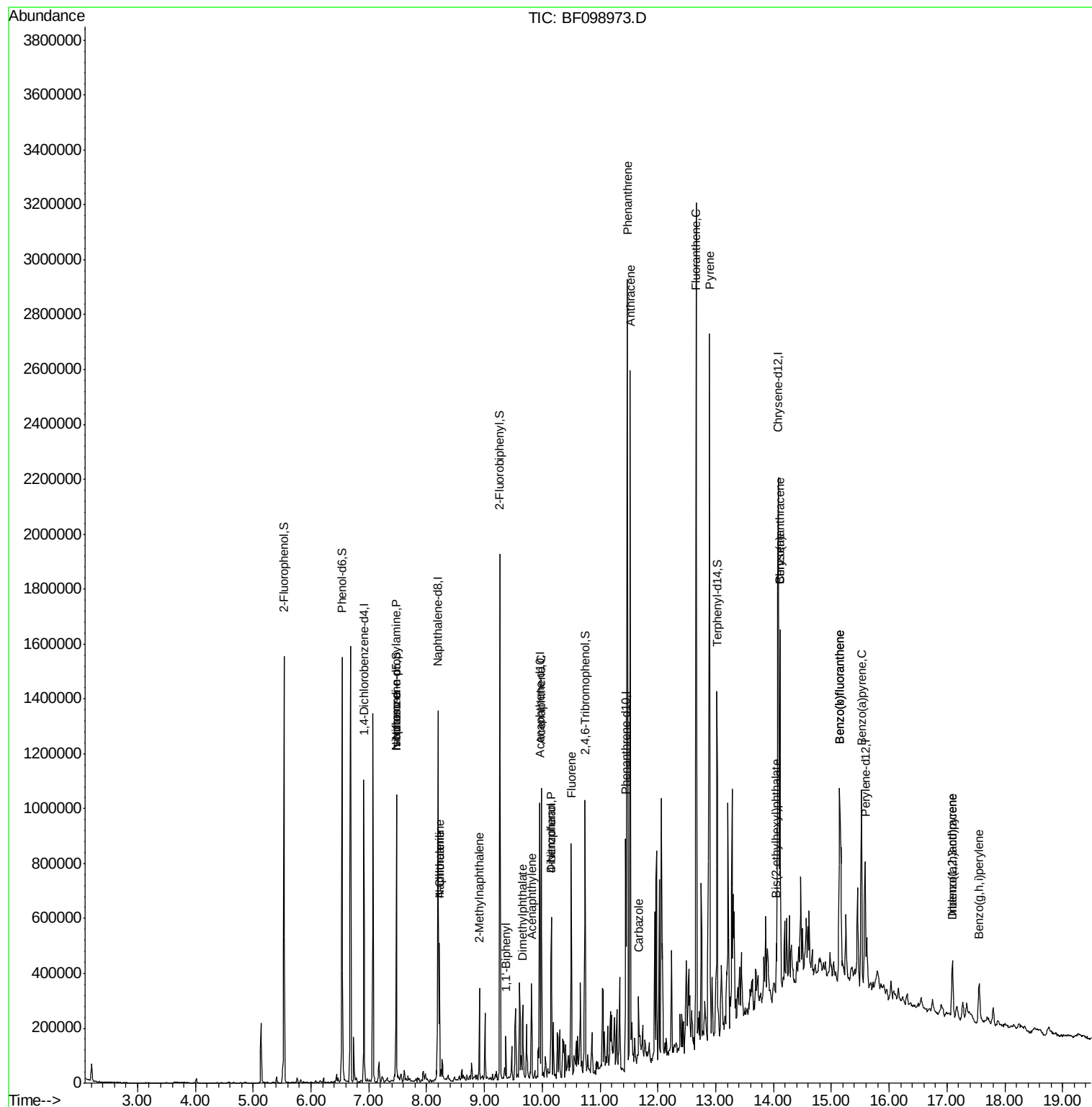
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.47	70	40129	5.738	ng	# 76
25) Isophorone	7.47	82	293253	16.821	ng	# 64
31) Naphthalene	8.22	128	217961	8.582	ng	99
33) 4-Chloroaniline	8.22	127	28805	2.716	ng	# 37
37) 2-Methylnaphthalene	8.91	142	81234	4.920	ng	99
45) 1,1'-Biphenyl	9.37	154	46825	2.690	ng	97
48) Acenaphthylene	9.82	152	115205	5.757	ng	98
49) Dimethylphthalate	9.66	163	84525	5.529	ng	100
51) Acenaphthene	9.99	154	190287	15.012	ng	100
54) Dibenzofuran	10.16	168	177999	10.547	ng	97
55) 4-Nitrophenol	10.16	139	70944	21.619	ng	# 10
57) Fluorene	10.50	166	229911	16.949	ng	97
70) Phenanthrene	11.47	178	1199505	76.721	ng	99
71) Anthracene	11.52	178	898575	56.170	ng	99
72) Carbazole	11.67	167	81426	5.198	ng	100
74) Fluoranthene	12.66	202	1272611	80.383	ng	99
77) Pyrene	12.89	202	1073468	54.994	ng	99
80) Benzo(a)anthracene	14.12	228	472546	30.486	ng	95
82) Chrysene	14.12	228	472546	32.022	ng	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	38127	3.018	ng	100
85) Indeno(1,2,3-cd)pyrene	17.09	276	124918	10.582	ng	99
87) Benzo(b)fluoranthene	15.14	252	575020	47.562	ng	# 93
88) Benzo(k)fluoranthene	15.14	252	575020	48.154	ng	# 96
89) Benzo(a)pyrene	15.52	252	314103	28.303	ng	97
90) Dibenzo(a,h)anthracene	17.10	278	35020	3.943	ng	# 85
91) Benzo(g,h,i)perylene	17.56	276	106066	12.082	ng	95

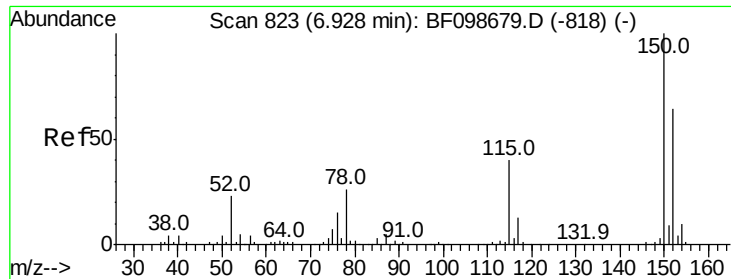
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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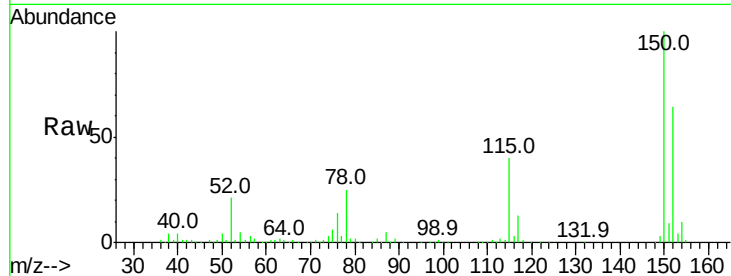


#1

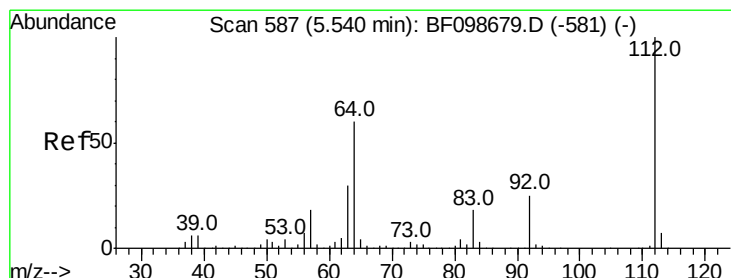
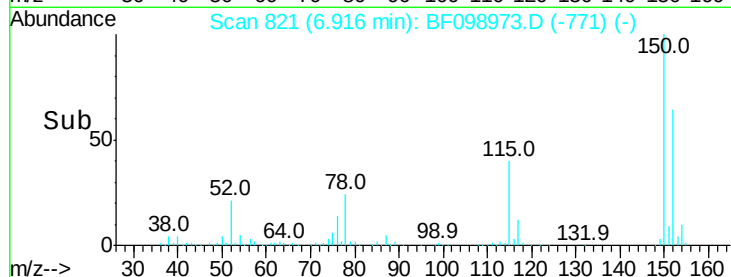
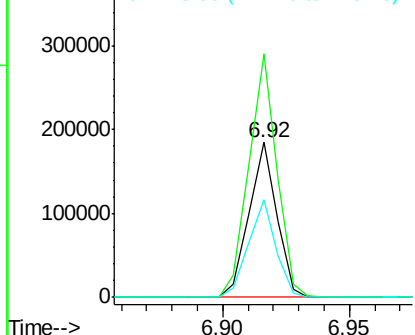
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098973.D
Acq: 30 Sep 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141362
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 62.9 50.1 75.1



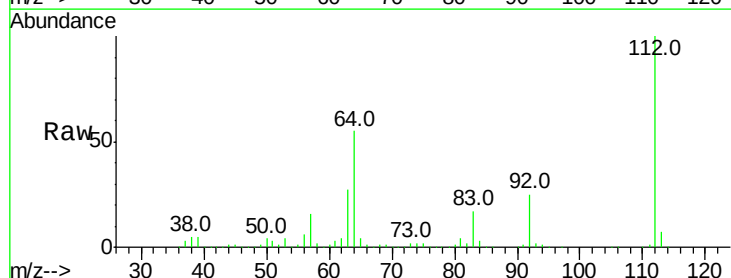
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



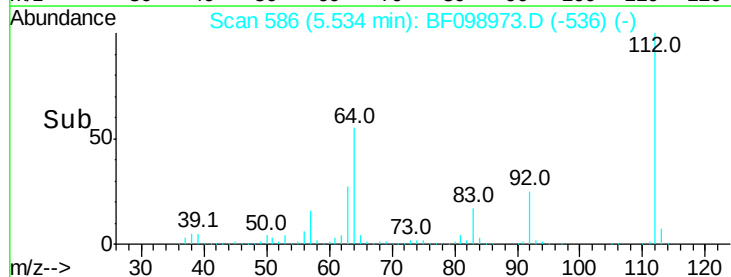
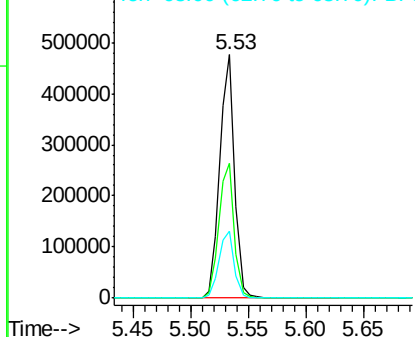
#5

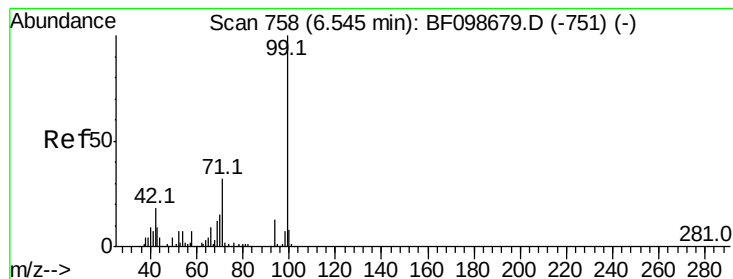
2-Fluorophenol
Concen: 47.956 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098973.D
Acq: 30 Sep 2017 20:07

Tgt Ion:112 Resp: 425855
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.4 23.7 35.5



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: 46.623 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

Instrument :

BNA_F

ClientSampled :

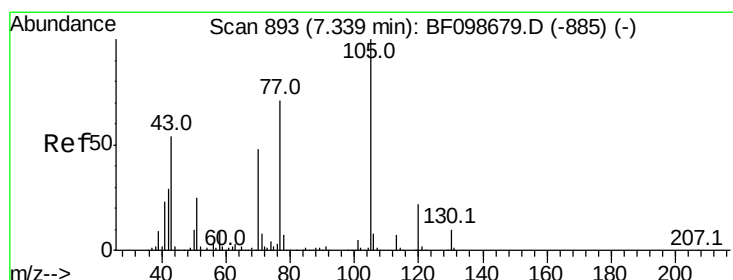
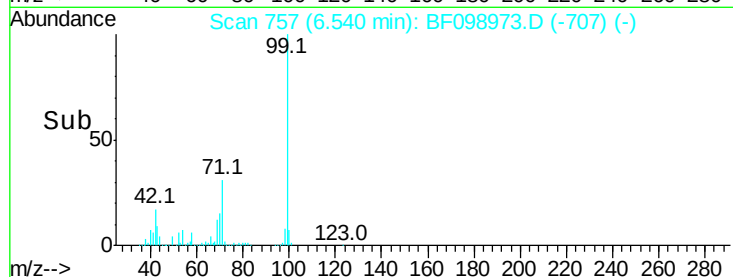
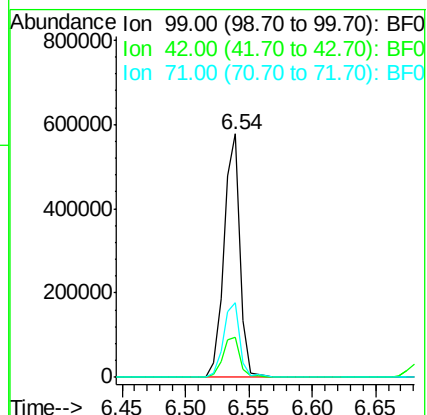
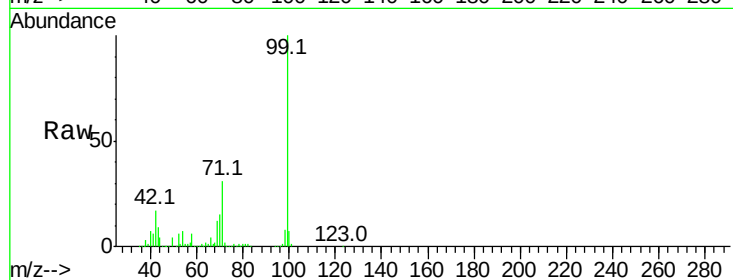
Tot Ion: 99 Resp: 510730

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 30.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.738 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

Tgt Ion: 70 Resp: 40129

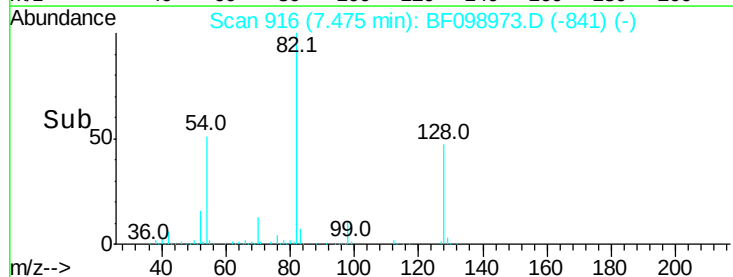
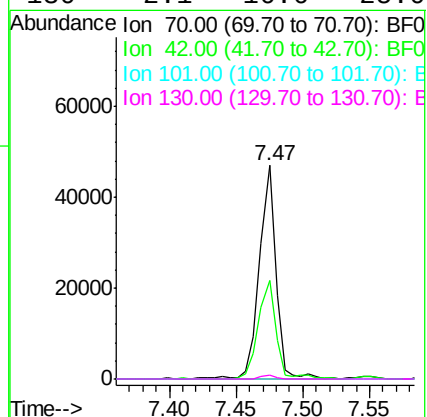
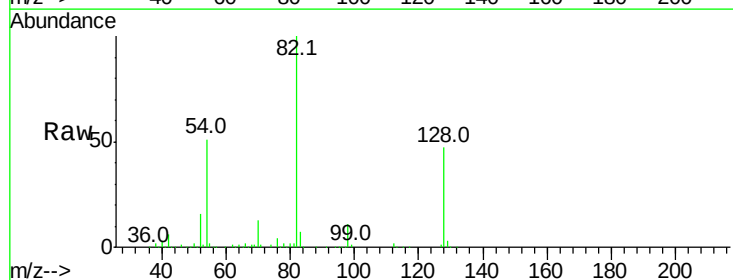
Ion Ratio Lower Upper

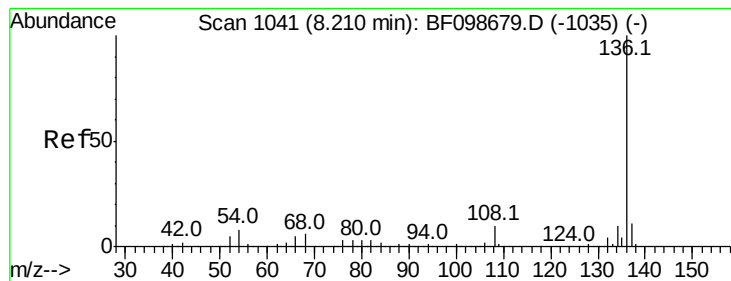
70 100

42 46.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 540747

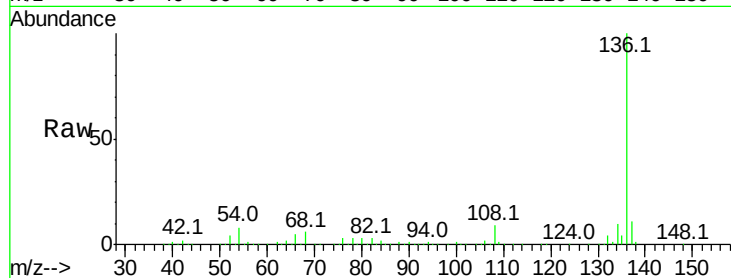
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.0 6.6 9.8

68 6.2 5.0 7.4

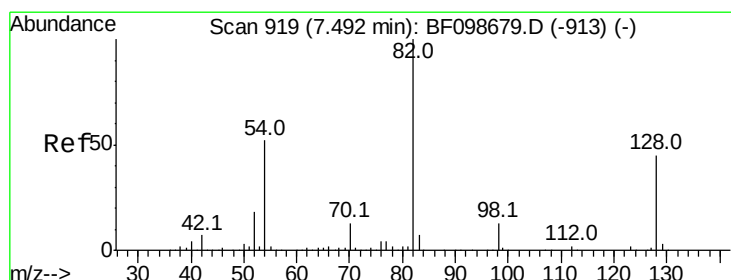
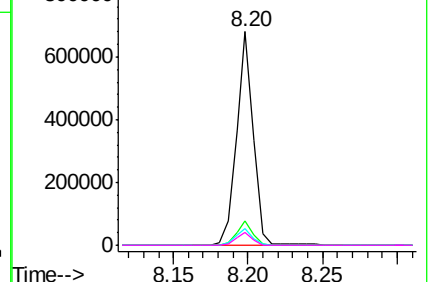
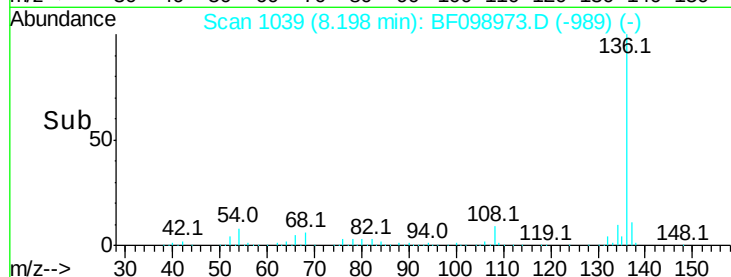


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.207 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

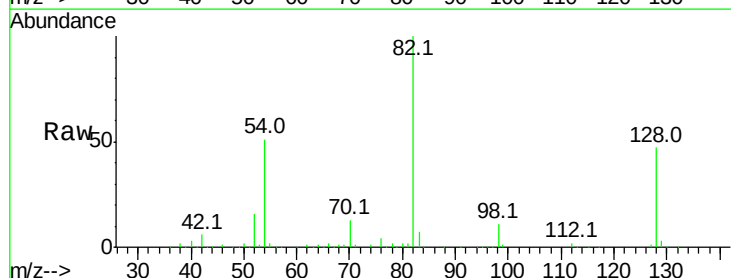
Tgt Ion: 82 Resp: 296864

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

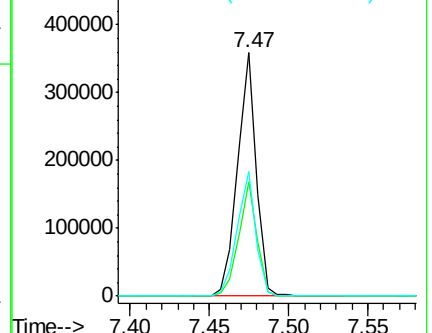
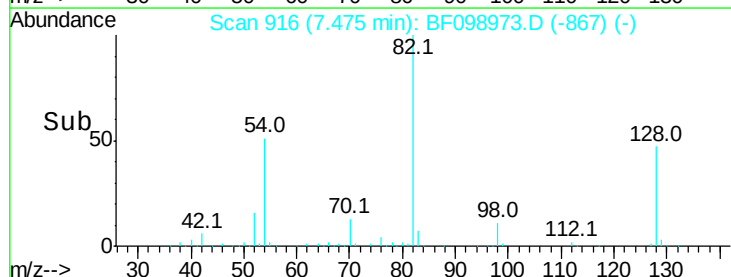
54 51.2 41.4 62.2

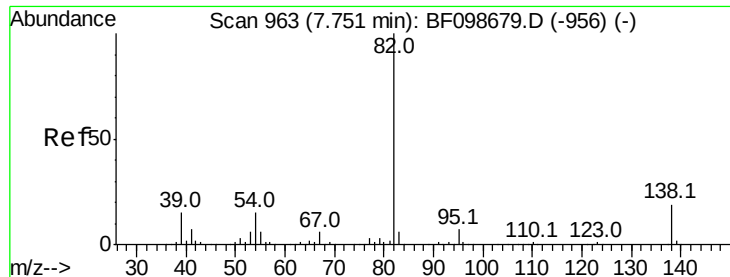


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 16.821 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

Instrument :

BNA_F

ClientSampled :

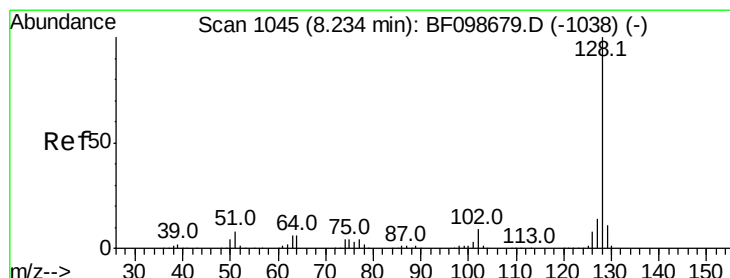
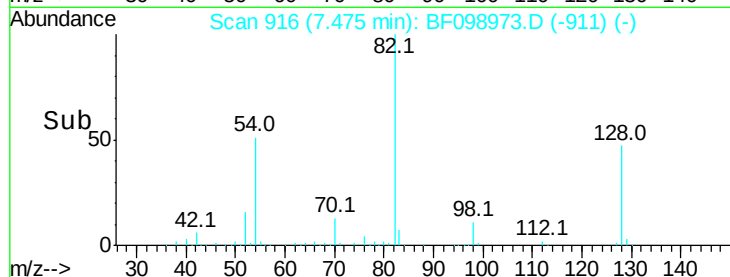
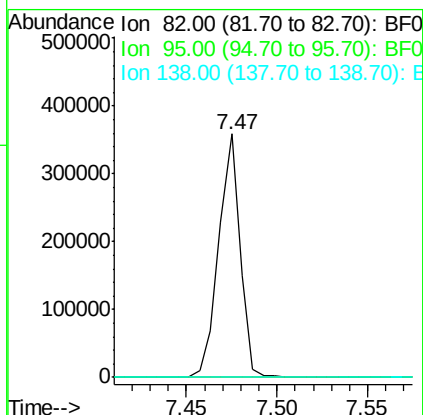
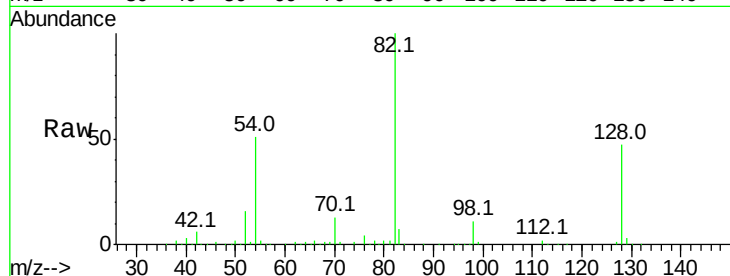
Tot Ion: 82 Resp: 293253

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 8.582 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

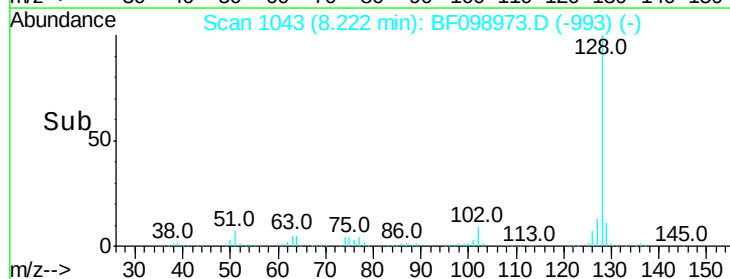
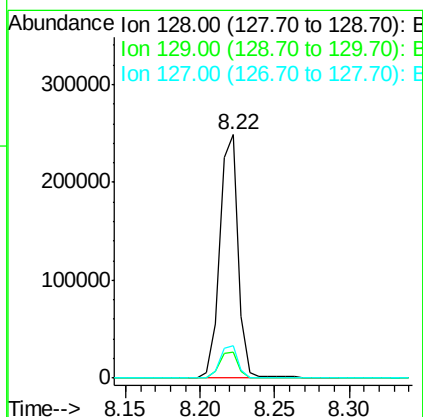
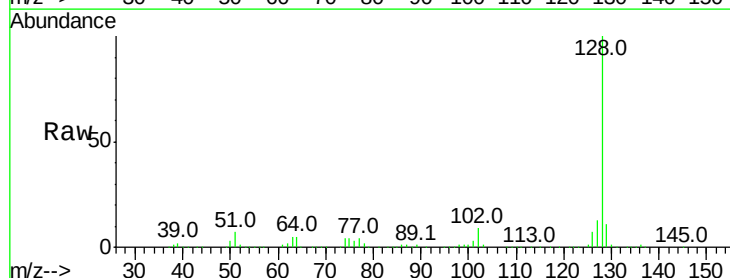
Tgt Ion: 128 Resp: 217961

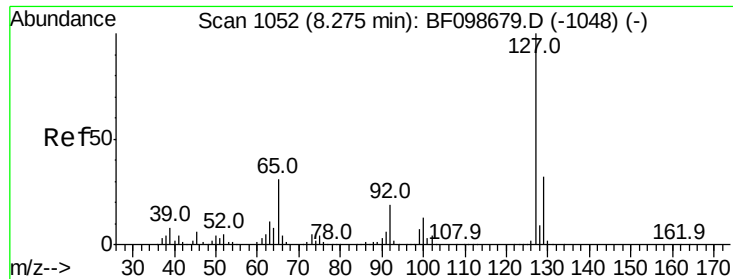
Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 13.2 10.9 16.3

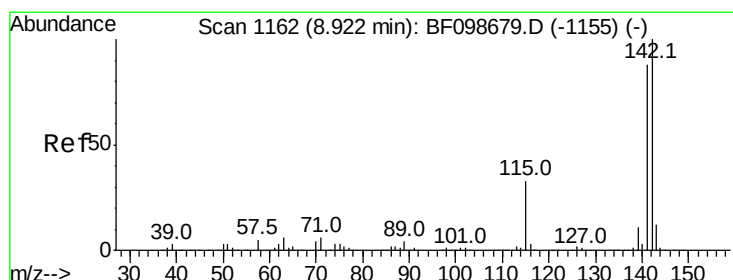
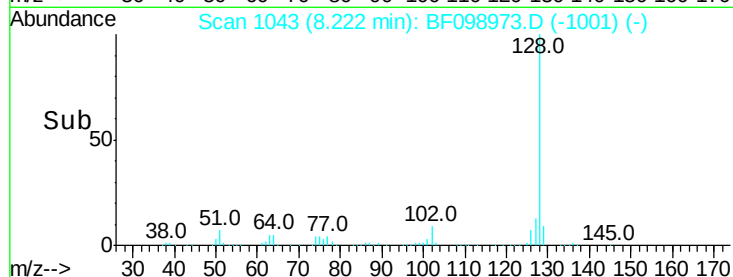
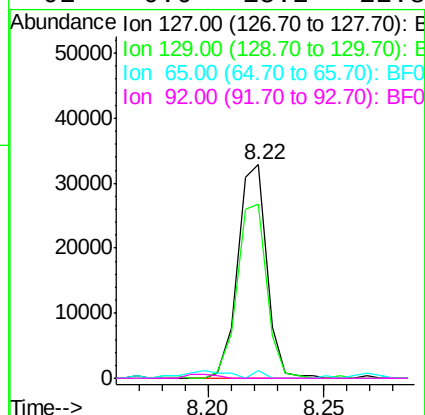
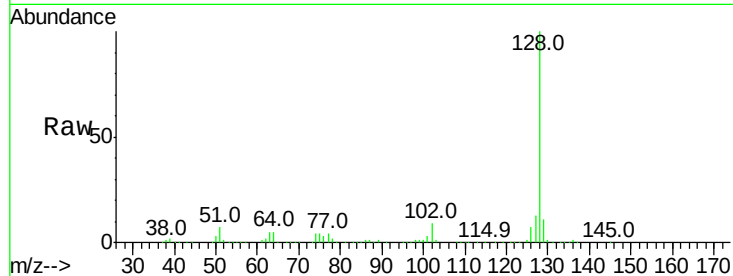




#33
 4-Chloroaniline
 Concen: 2.716 ng
 RT: 8.22 min Scan# 1043
 Delta R.T. -0.05 min
 Lab File: BF098973.D
 Acq: 30 Sep 2017 20:07

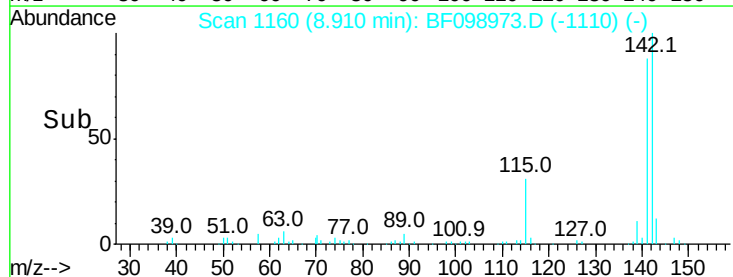
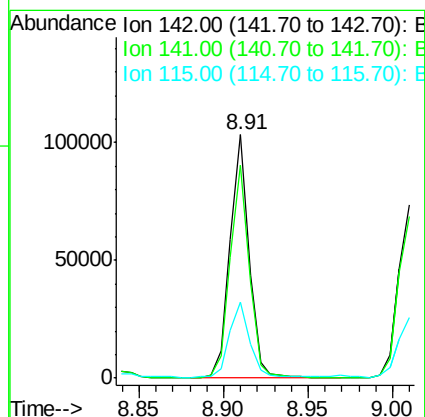
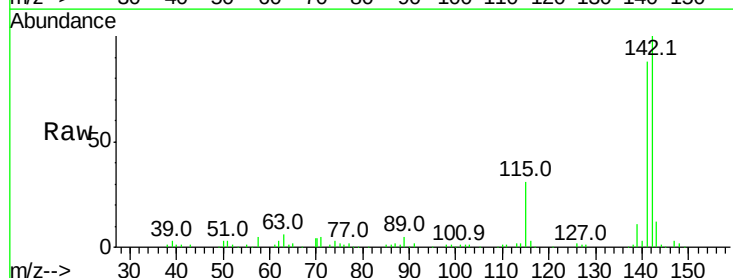
Instrument :
 BNA_F
 ClientSampled :

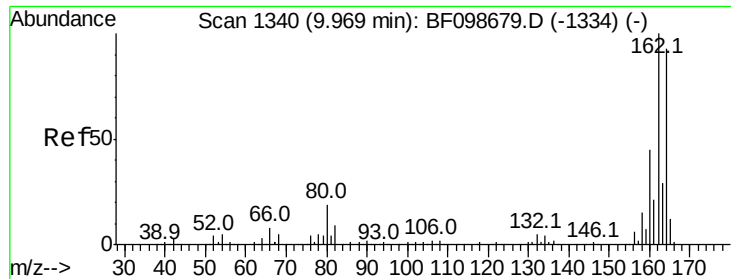
Tot Ion:127	Resp:	28805
Ion Ratio	Lower	Upper
127	100	
129	81.3	25.9 38.9#
65	3.5	25.0 37.4#
92	0.0	15.2 22.8#



#37
 2-Methylnaphthalene
 Concen: 4.920 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF098973.D
 Acq: 30 Sep 2017 20:07

Tgt Ion:142	Resp:	81234
Ion Ratio	Lower	Upper
142	100	
141	87.7	70.8 106.2
115	31.0	26.1 39.1

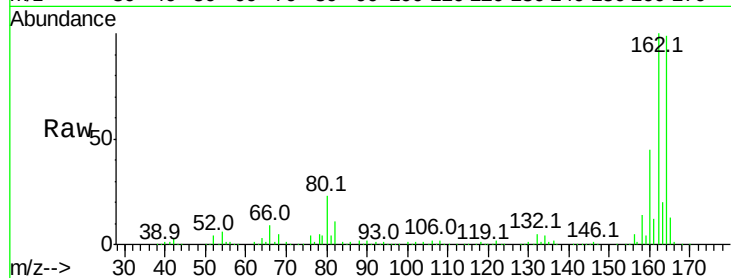




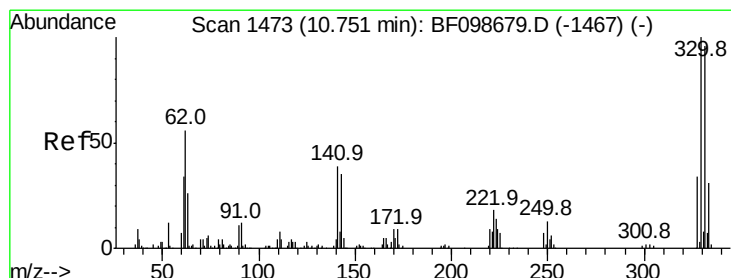
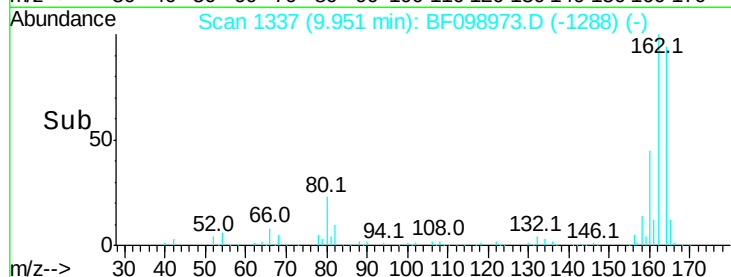
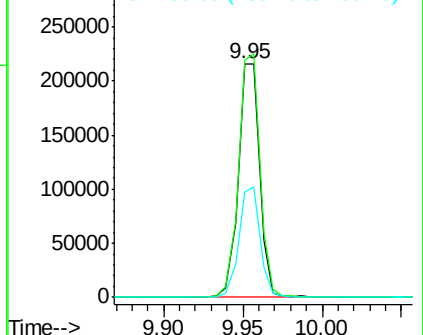
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098973.D
Acq: 30 Sep 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 202565
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 45.1 38.3 57.5

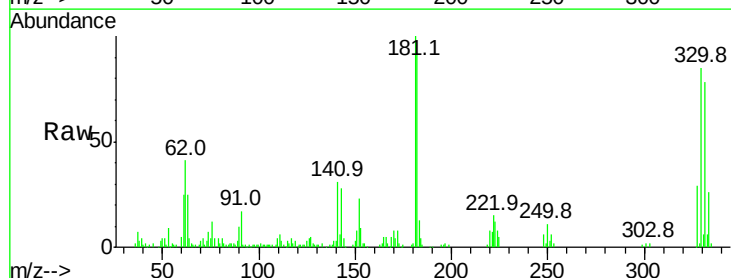


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

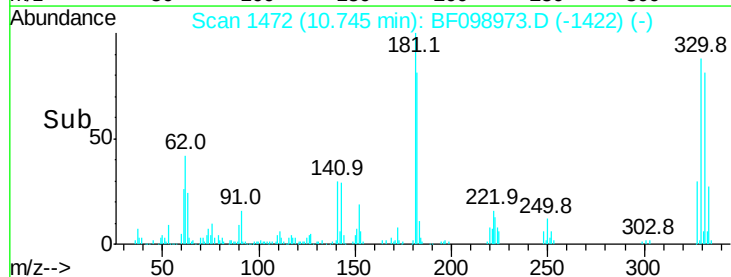
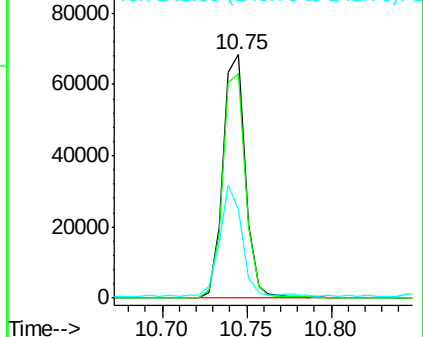


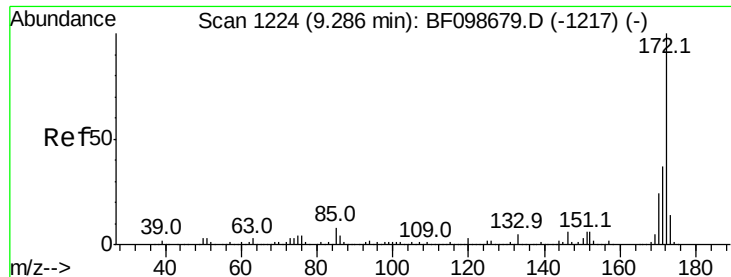
#41
2,4,6-Tribromophenol
Concen: 38.356 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098973.D
Acq: 30 Sep 2017 20:07

Tgt Ion:330 Resp: 63577
Ion Ratio Lower Upper
330 100
332 94.1 77.0 115.6
141 45.4 29.9 44.9#



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

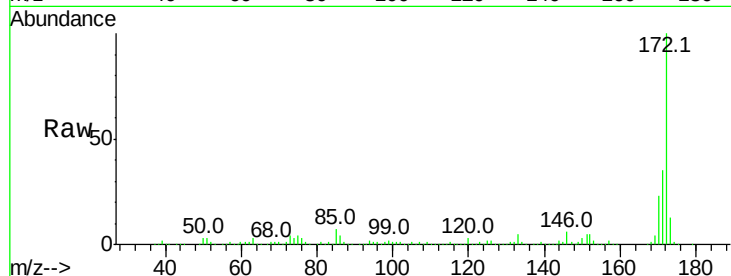




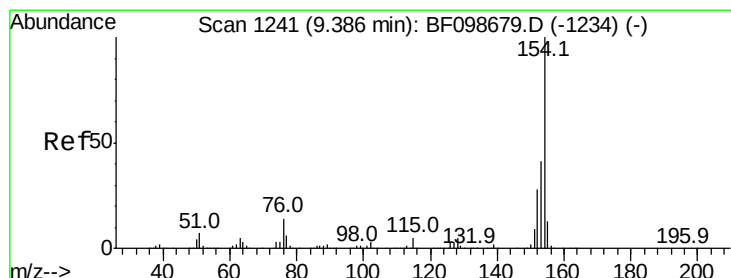
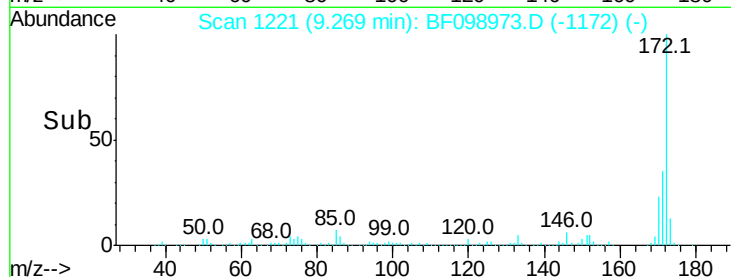
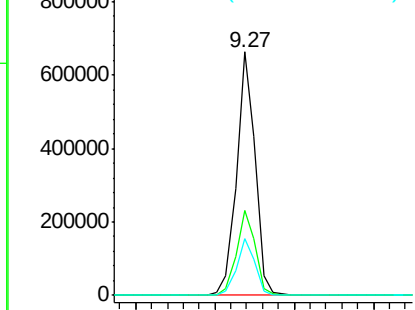
#44
 2-Fluorobiphenyl
 Concen: 44.229 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098973.D
 Acq: 30 Sep 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 536670
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 23.4 19.6 29.4

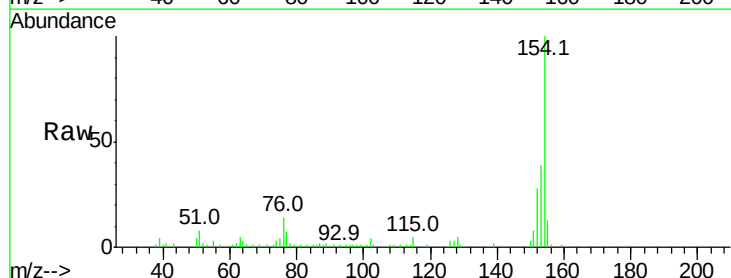


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

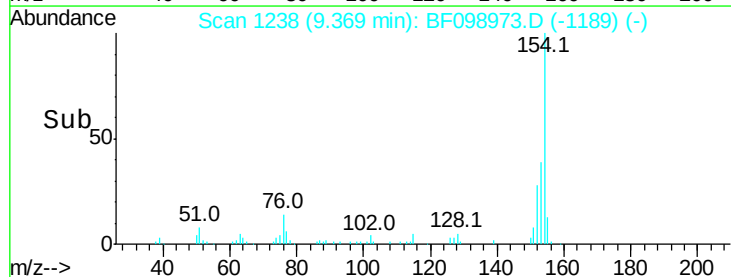
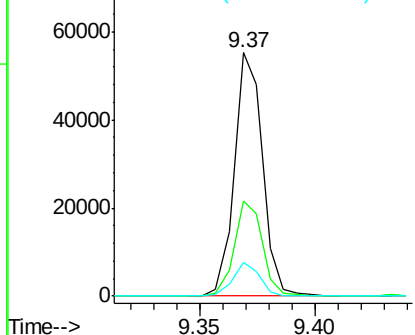


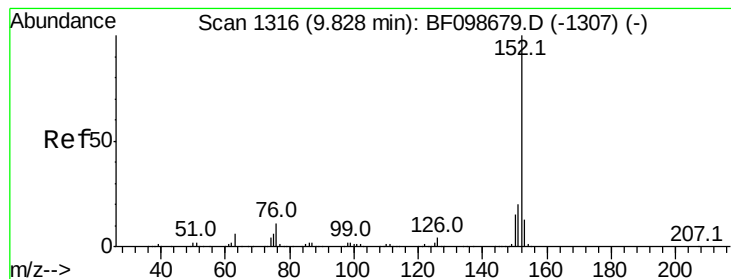
#45
 1,1'-Biphenyl
 Concen: 2.690 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF098973.D
 Acq: 30 Sep 2017 20:07

Tgt Ion:154 Resp: 46825
 Ion Ratio Lower Upper
 154 100
 153 39.0 21.3 61.3
 76 13.8 0.0 34.0



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





#48

Acenaphthylene

Concen: 5.757 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

Instrument :

BNA_F

ClientSampleId :

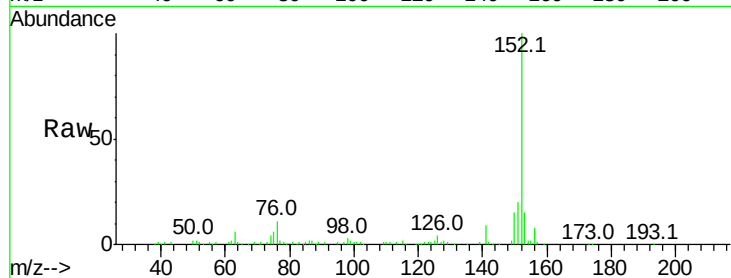
Tot Ion:152 Resp: 115205

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

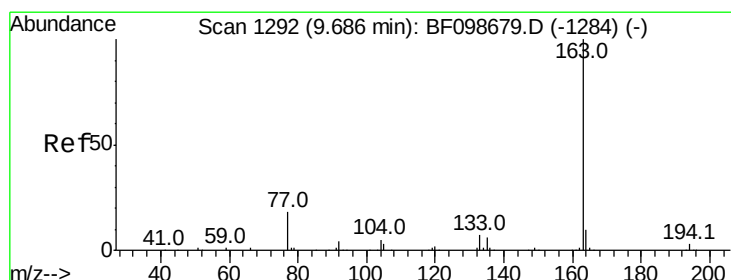
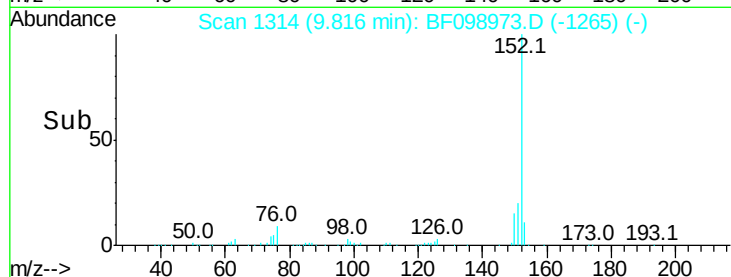
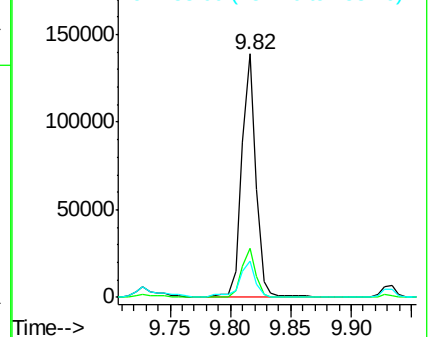
153 14.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 5.529 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

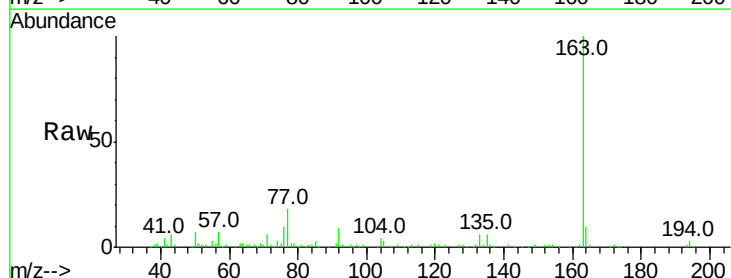
Tgt Ion:163 Resp: 84525

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

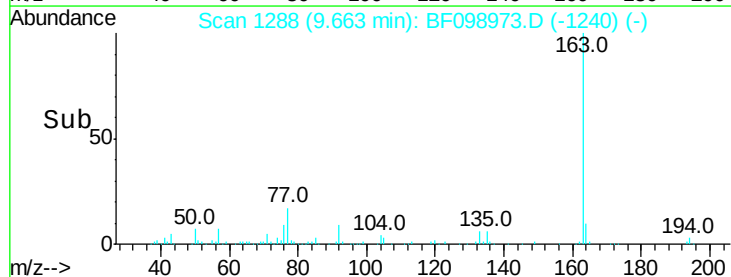
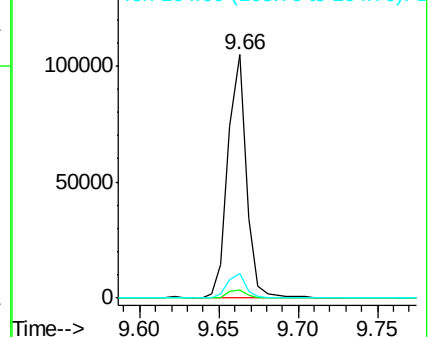
164 10.3 8.2 12.2

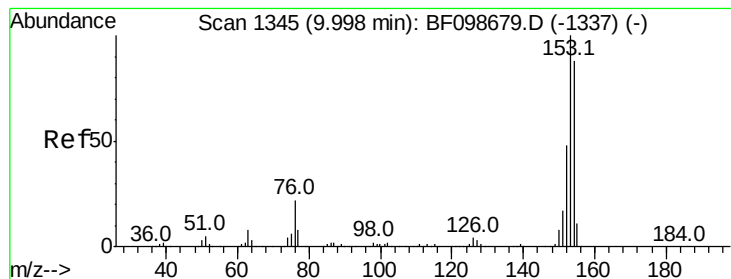


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 15.012 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

Instrument :

BNA_F

ClientSampleId :

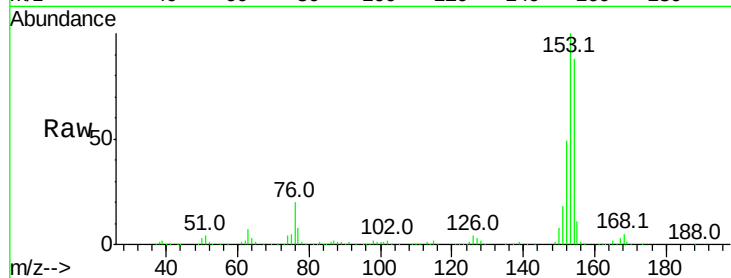
Tot Ion:154 Resp: 190287

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

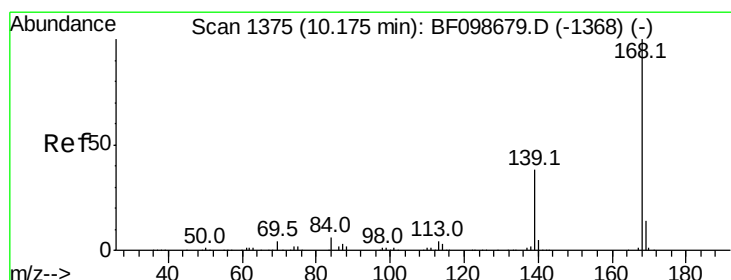
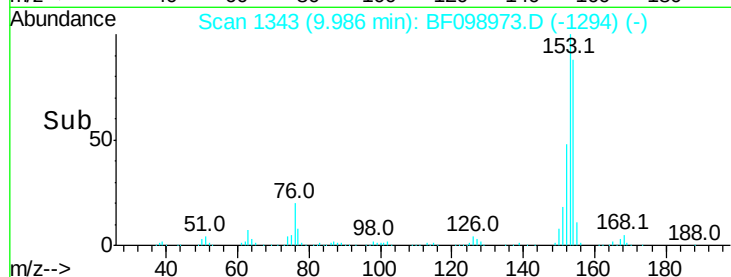
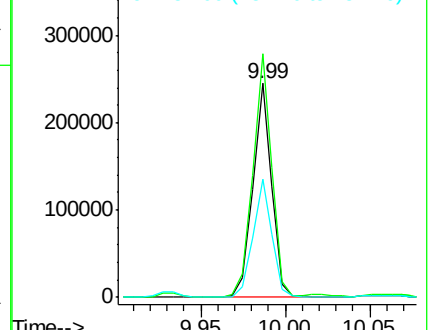
152 55.2 43.8 65.8



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: 10.547 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

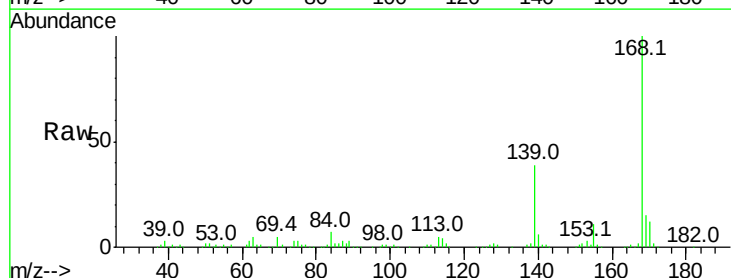
Tgt Ion:168 Resp: 177999

Ion Ratio Lower Upper

168 100

139 39.2 30.1 45.1

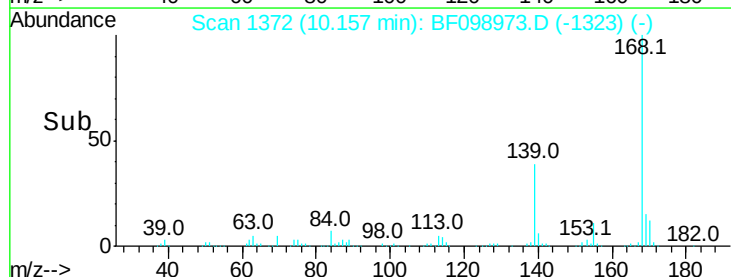
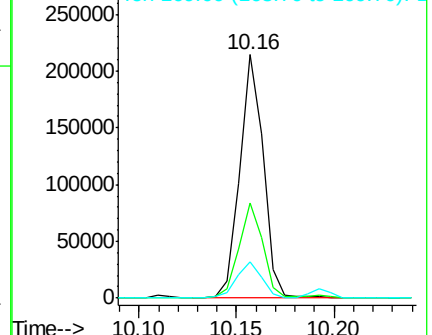
169 15.1 10.9 16.3

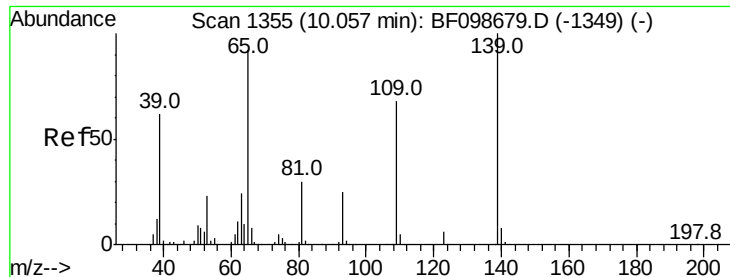


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 21.619 ng

RT: 10.16 min Scan# 1372

Delta R.T. 0.10 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

Instrument :

BNA_F

ClientSampled :

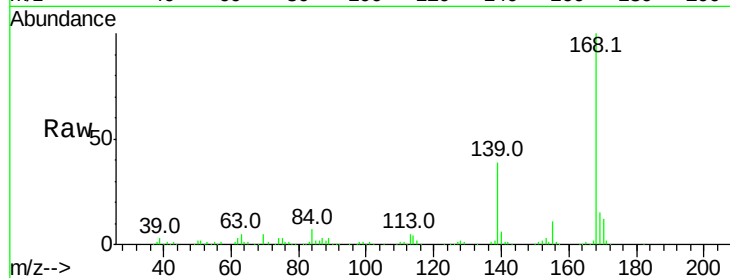
Tot Ion:139 Resp: 70944

Ion Ratio Lower Upper

139 100

109 1.1 48.4 88.4#

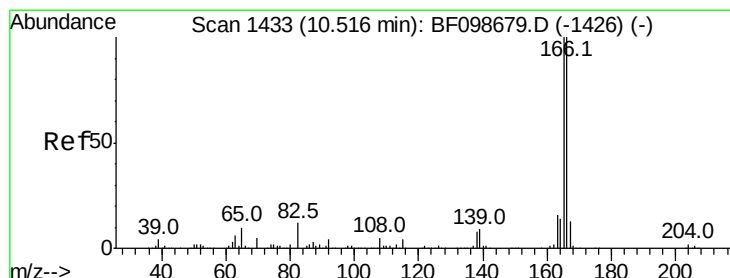
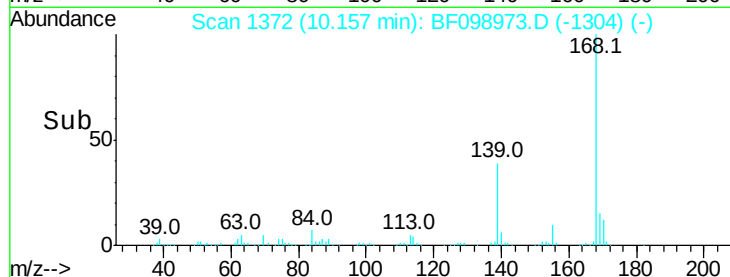
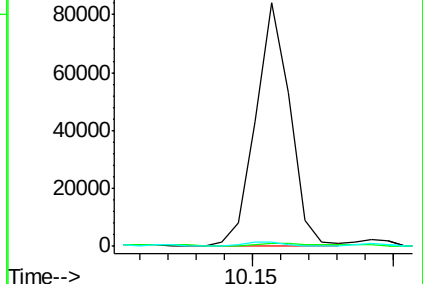
65 1.7 72.6 112.6#



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: 16.949 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

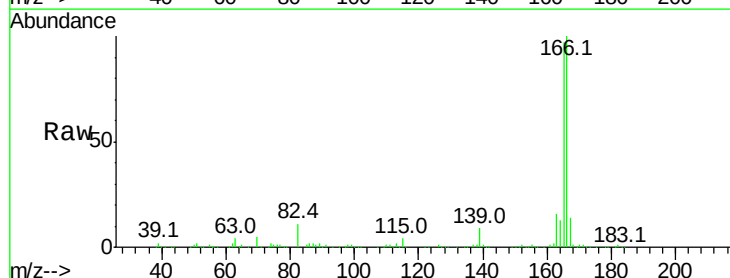
Tgt Ion:166 Resp: 229911

Ion Ratio Lower Upper

166 100

165 97.1 79.8 119.8

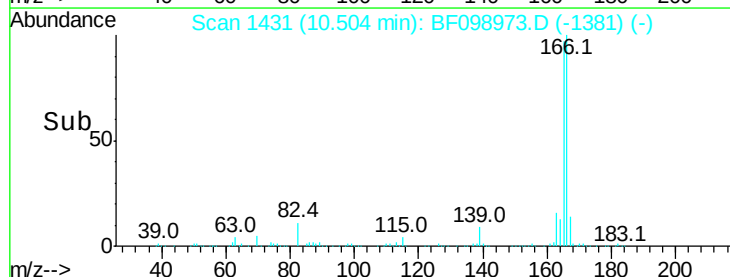
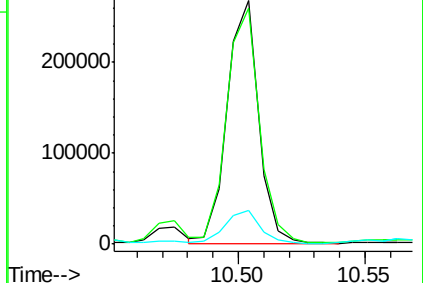
167 13.8 10.6 16.0

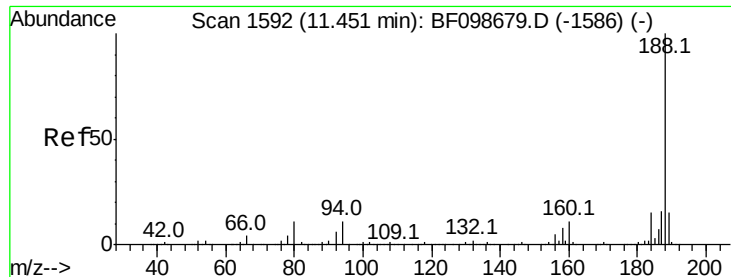


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

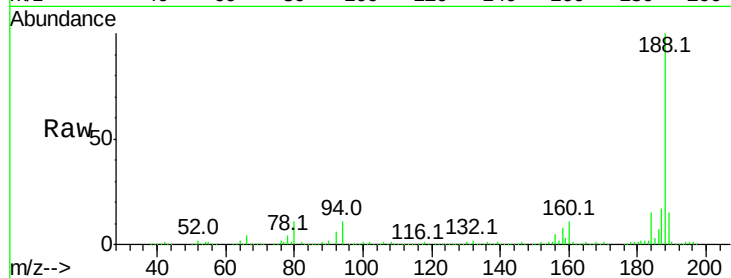




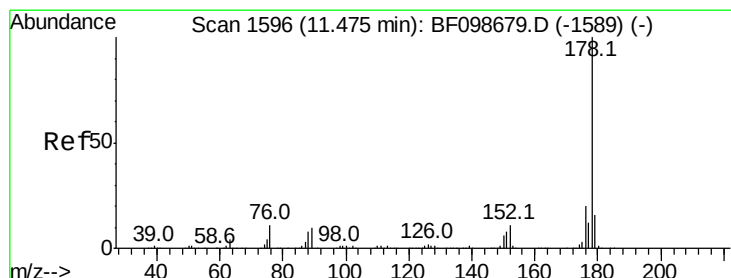
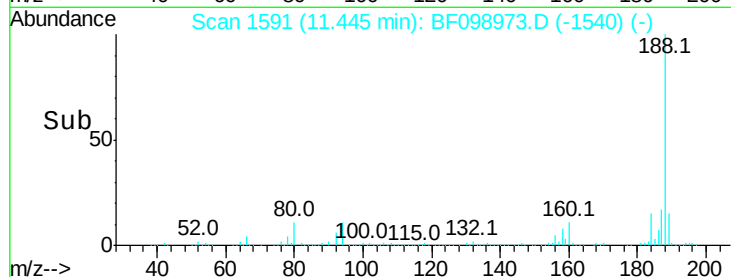
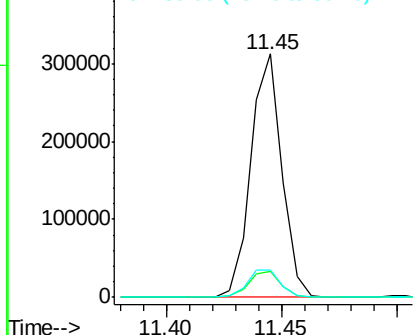
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098973.D
Acq: 30 Sep 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 292089
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.4 9.2 13.8

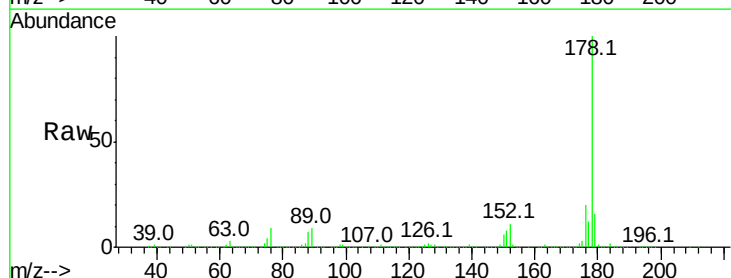


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

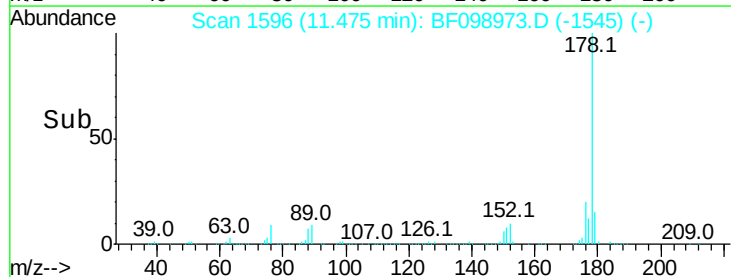
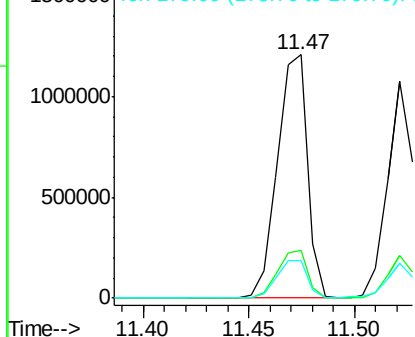


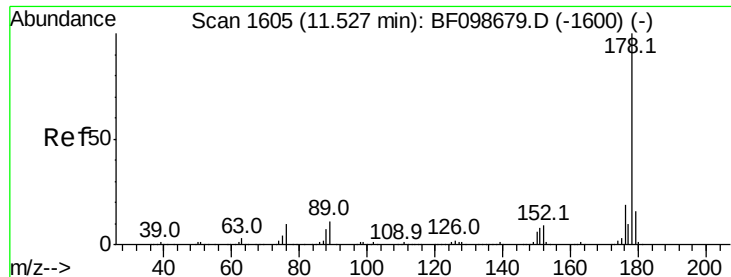
#70
Phenanthrene
Concen: 76.721 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF098973.D
Acq: 30 Sep 2017 20:07

Tgt Ion:178 Resp: 1199505
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.6 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: 56.170 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

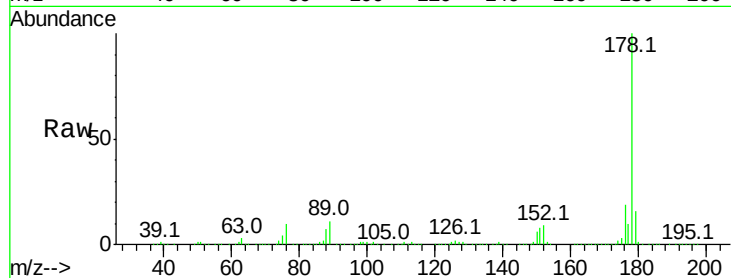
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 898575

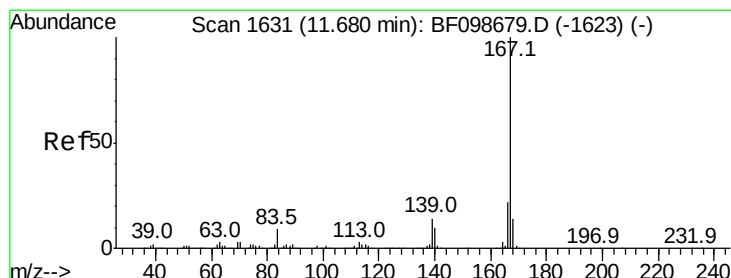
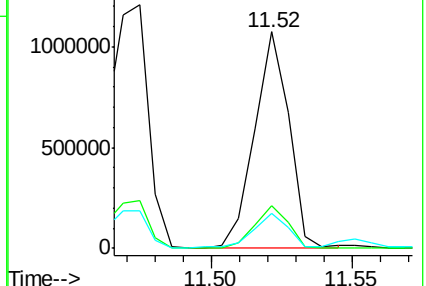
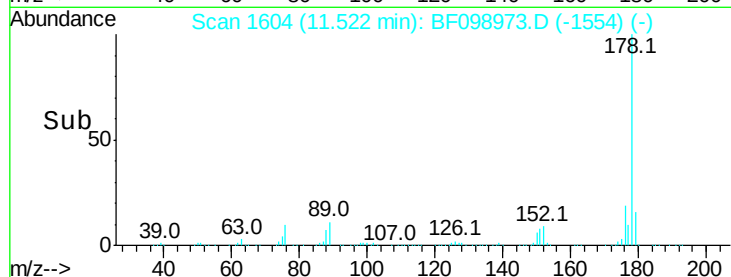
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.2	12.6	19.0



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



#72

Carbazole

Concen: 5.198 ng

RT: 11.67 min Scan# 1629

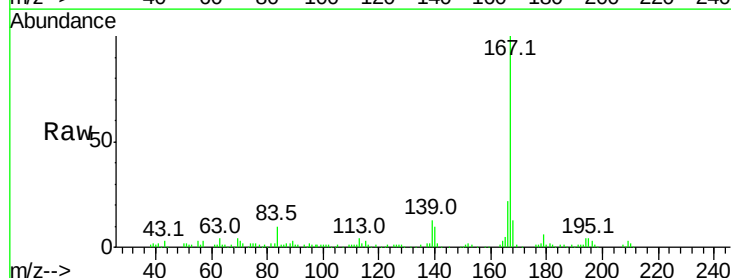
Delta R.T. -0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

Tgt Ion:167 Resp: 81426

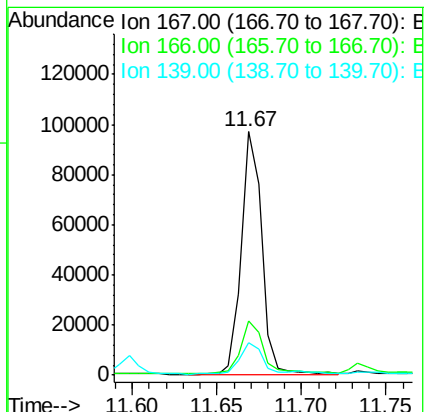
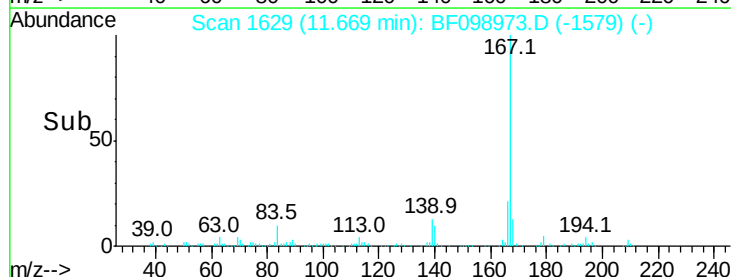
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.3	10.9	16.3

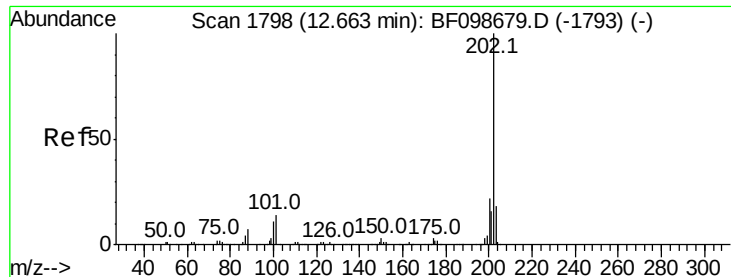


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 80.383 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

Instrument :

BNA_F

ClientSampleId :

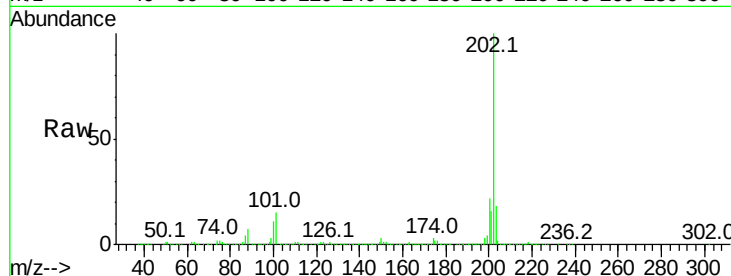
Tot Ion:202 Resp: 1272611

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.1

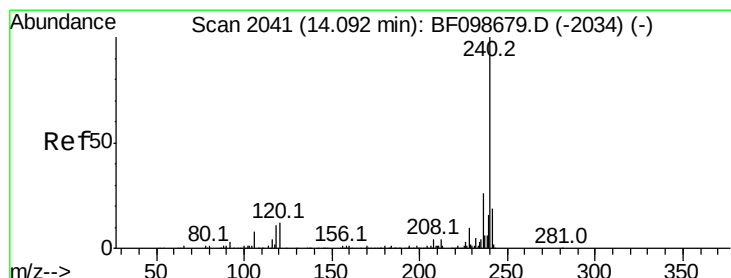
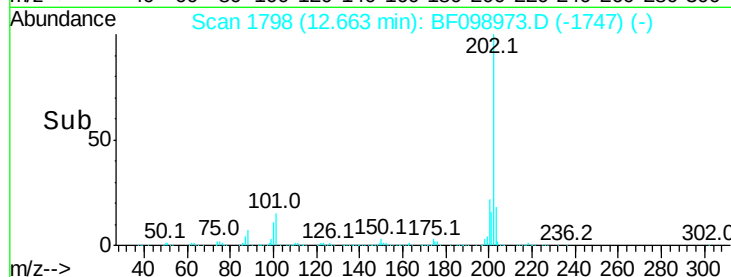
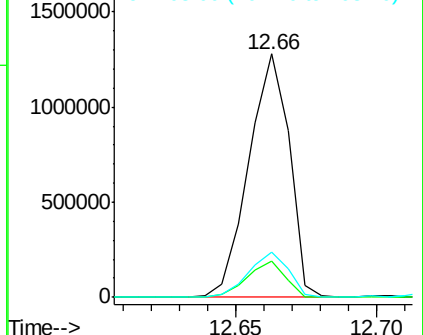
203 18.4 0.0 38.1



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: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

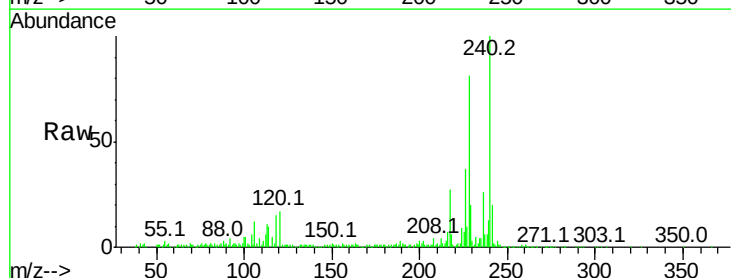
Tgt Ion:240 Resp: 255982

Ion Ratio Lower Upper

240 100

120 17.0 9.5 14.3#

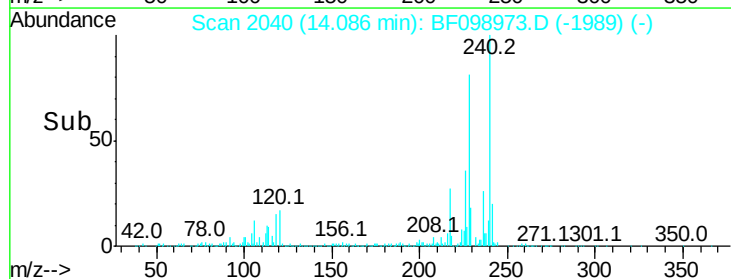
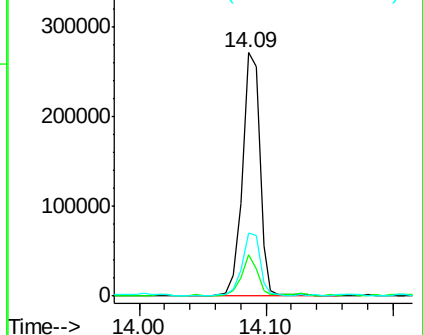
236 25.9 20.7 31.1

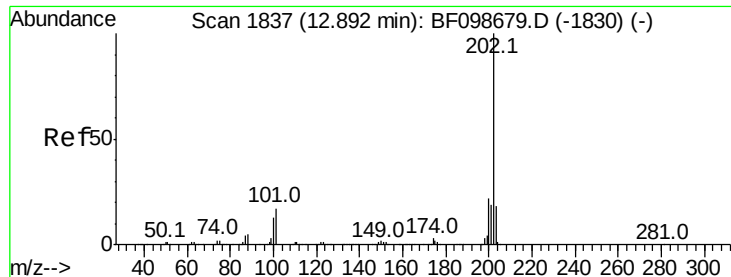


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 54.994 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

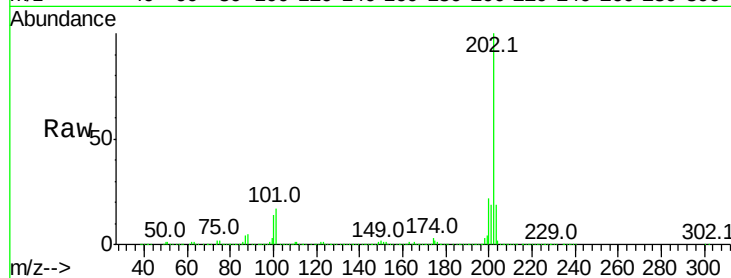
Instrument :

BNA_F

ClientSampled :

Tot Ion:202 Resp: 1073468

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.5	14.3	21.5

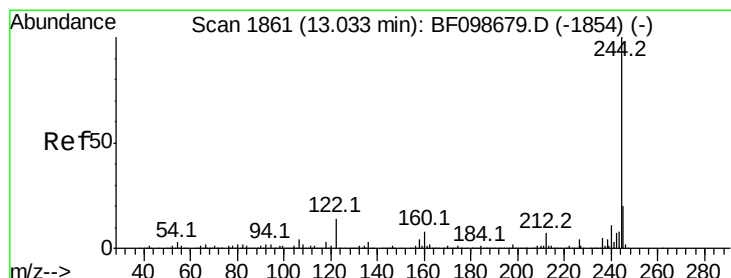
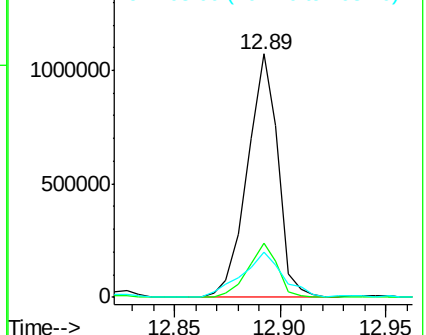
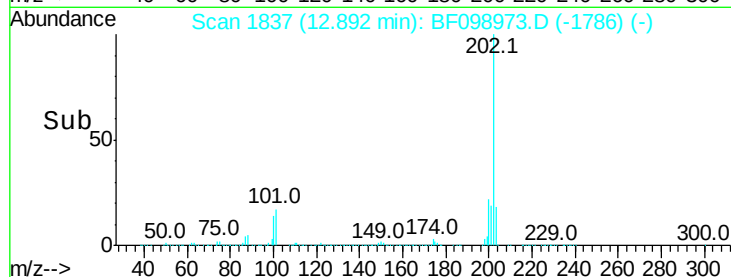


Abundance

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: 31.638 ng

RT: 13.02 min Scan# 1859

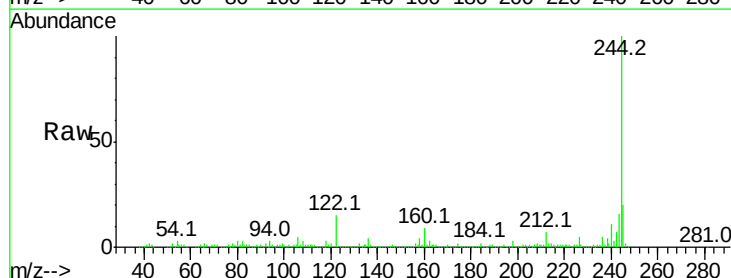
Delta R.T. -0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

Tgt Ion:244 Resp: 356115

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	14.8	11.0	16.4

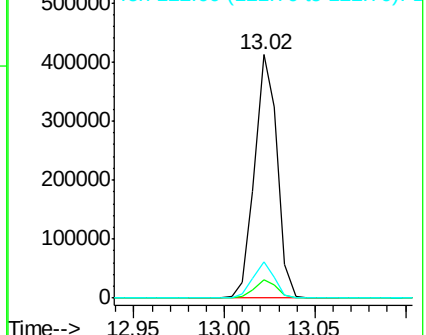
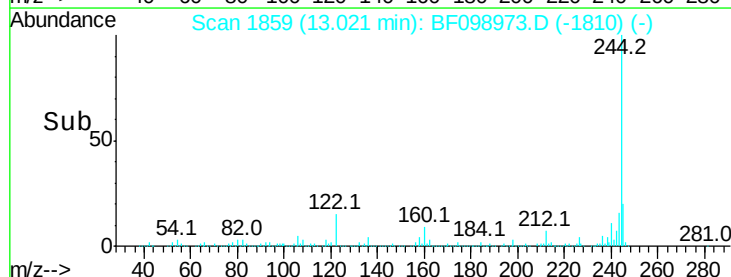


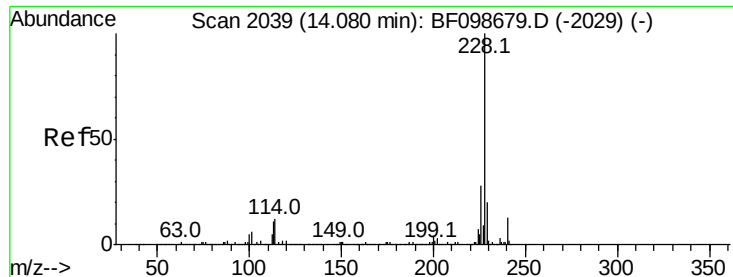
Abundance

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

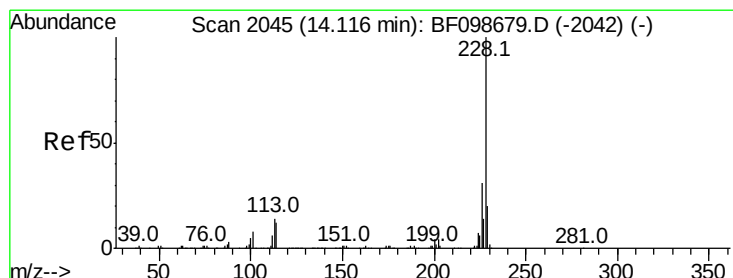
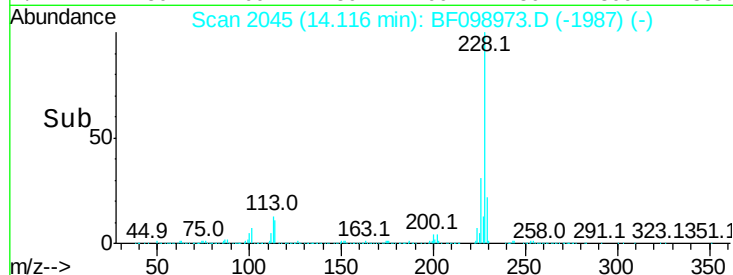
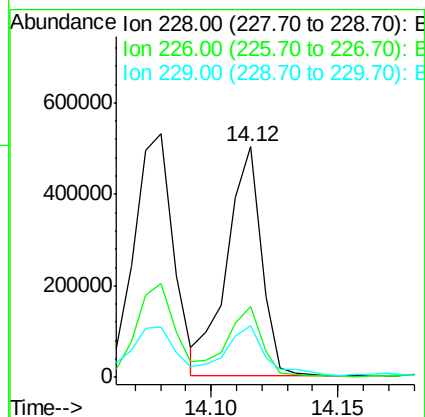
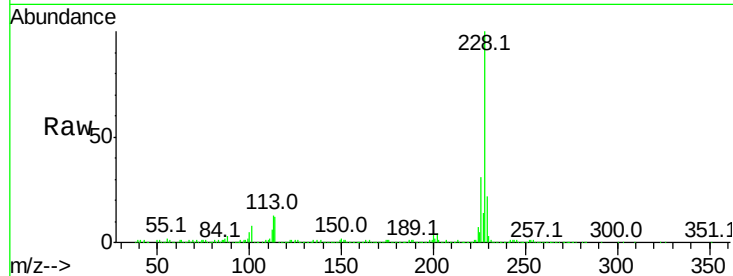




#80
Benzo(a)anthracene
Concen: 30.486 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.04 min
Lab File: BF098973.D
Acq: 30 Sep 2017 20:07

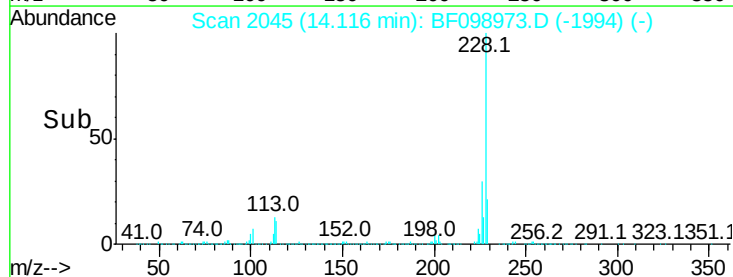
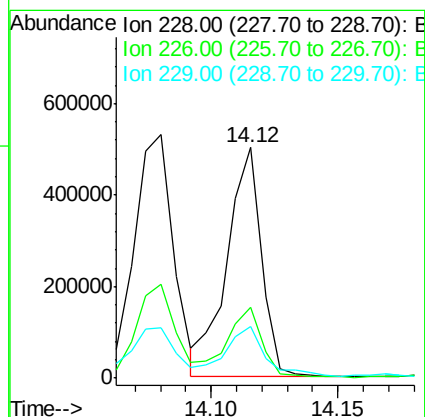
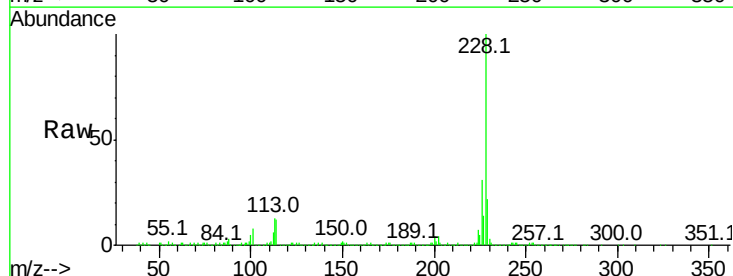
Instrument :
BNA_F
ClientSampleId :

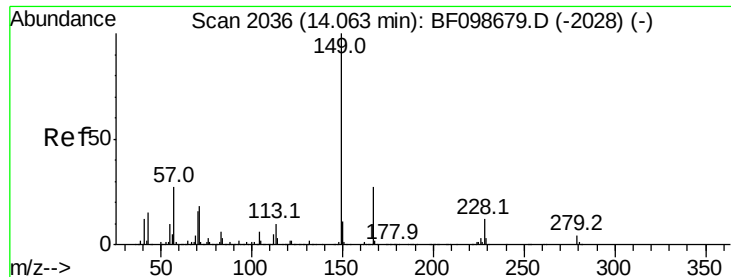
Tot Ion:228 Resp: 472546
Ion Ratio Lower Upper
228 100
226 31.0 22.6 33.8
229 22.2 15.8 23.6



#82
Chrysene
Concen: 32.022 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BF098973.D
Acq: 30 Sep 2017 20:07

Tgt Ion:228 Resp: 472546
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 22.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.018 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

Instrument :

BNA_F

ClientSampled :

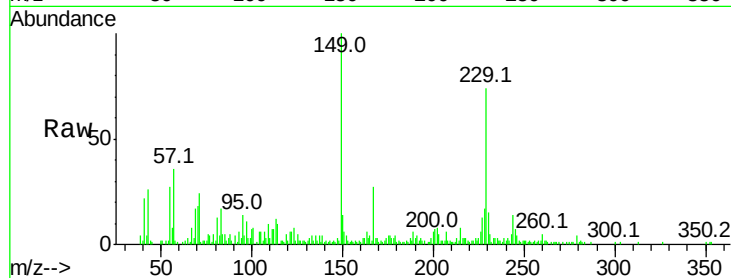
Tot Ion:149 Resp: 38127

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

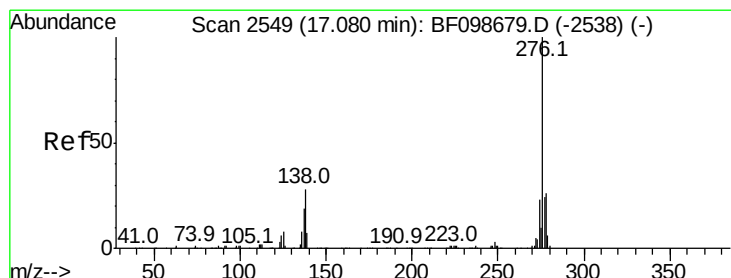
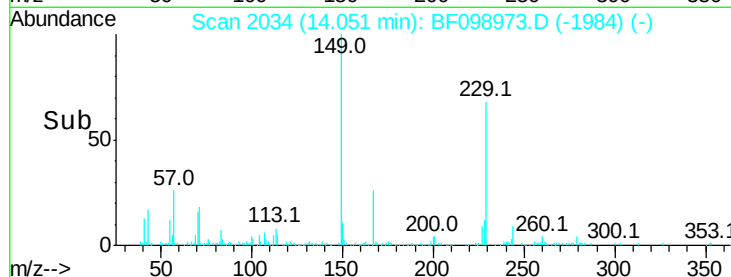
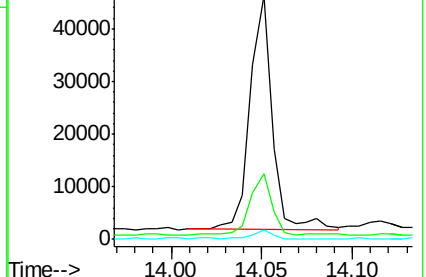
279 3.6 3.0 4.4



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: 10.582 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

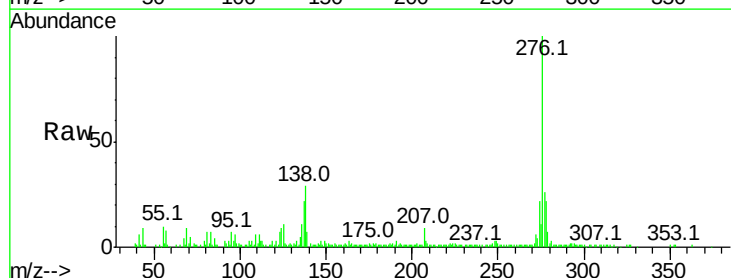
Tgt Ion:276 Resp: 124918

Ion Ratio Lower Upper

276 100

138 30.4 25.0 37.6

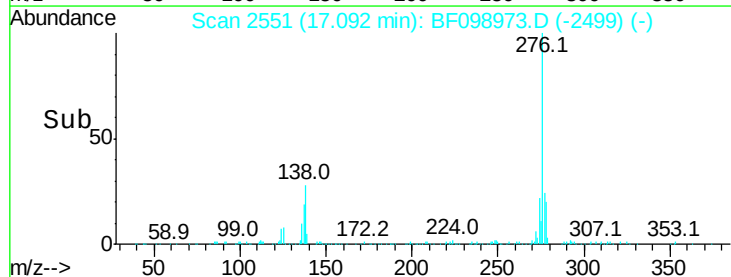
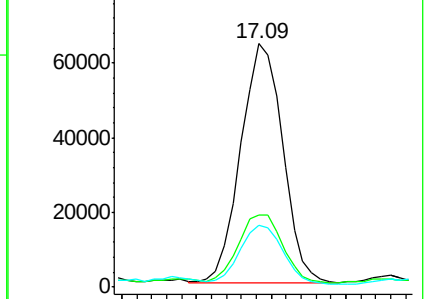
277 25.2 20.1 30.1

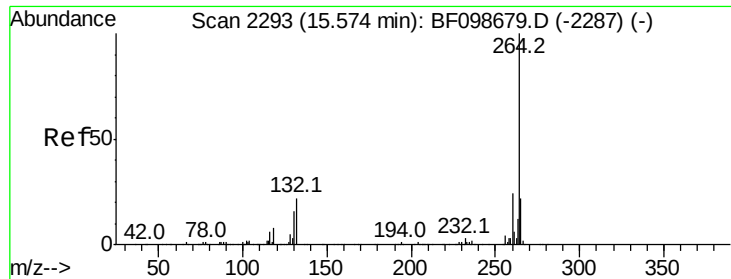


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

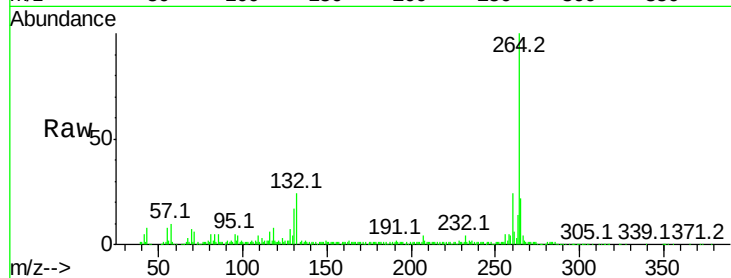




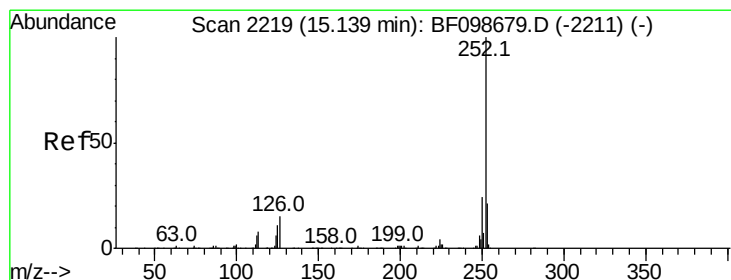
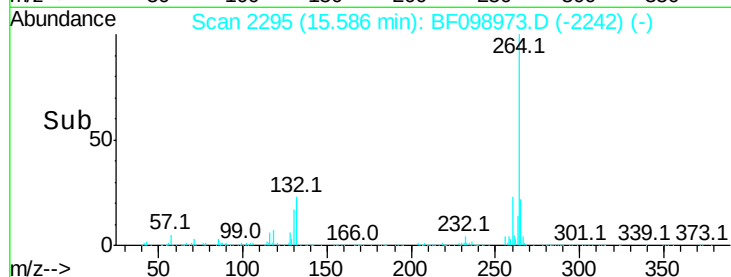
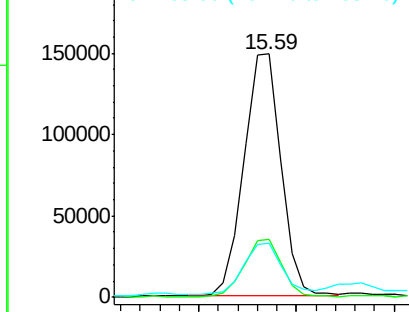
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098973.D
Acq: 30 Sep 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	196635
Ion Ratio	Lower	Upper
264	100	
260	23.6	19.2 28.8
265	22.4	17.5 26.3

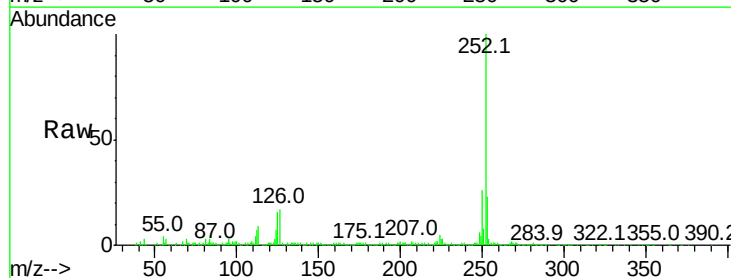


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

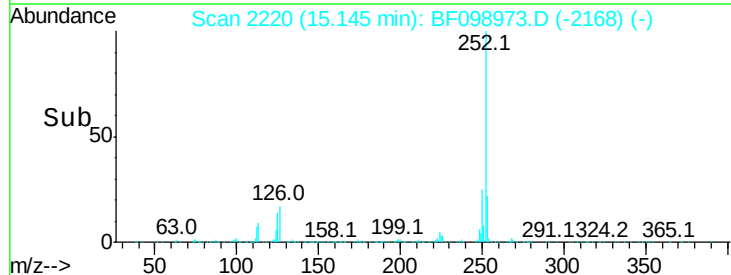
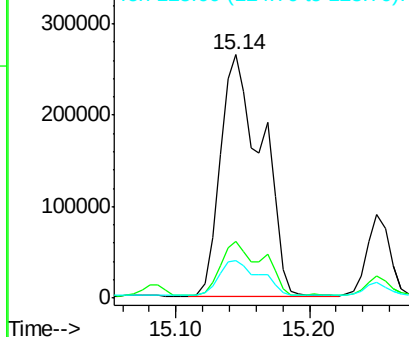


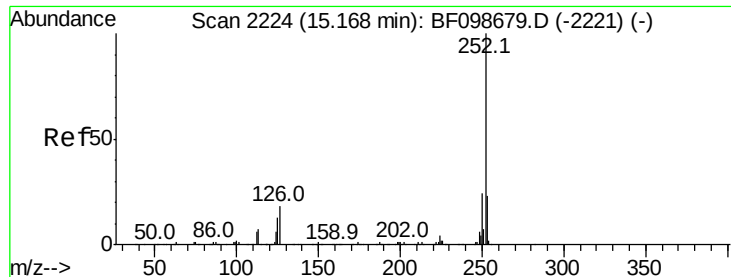
#87
Benzo(b)fluoranthene
Concen: 47.562 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF098973.D
Acq: 30 Sep 2017 20:07

Tgt Ion:252	Resp:	575020
Ion Ratio	Lower	Upper
252	100	
253	23.3	17.0 25.6
125	15.6	9.0 13.6#



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

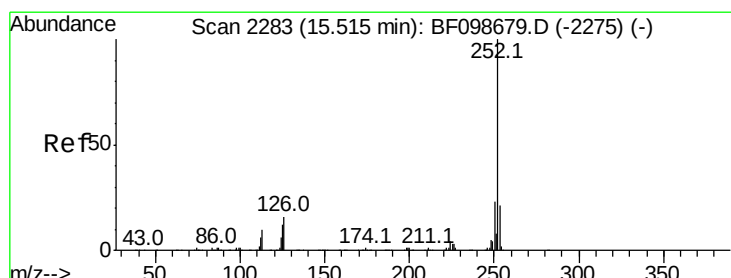
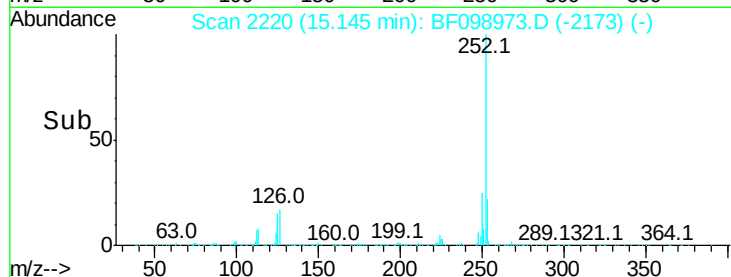
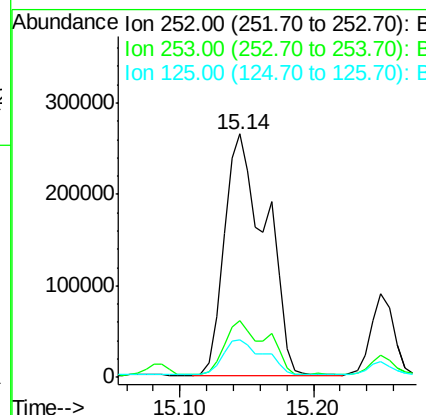
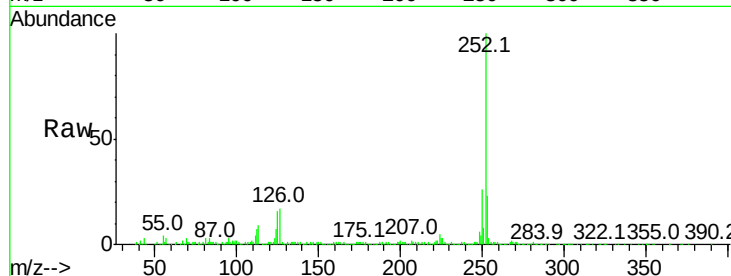




#88
Benzo(k)fluoranthene
Concen: 48.154 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF098973.D
Acq: 30 Sep 2017 20:07

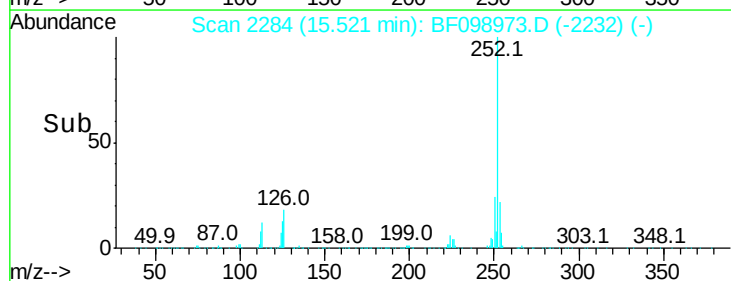
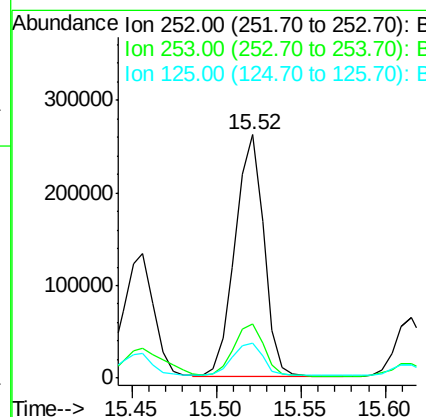
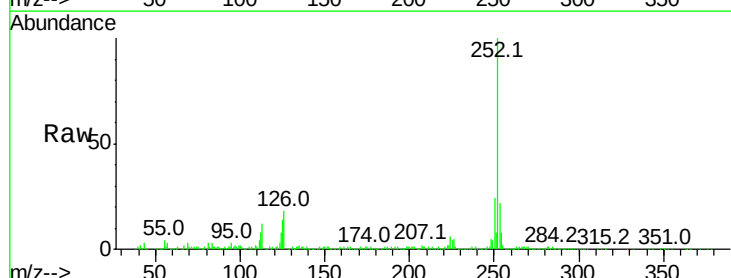
Instrument :
BNA_F
ClientSampleId :

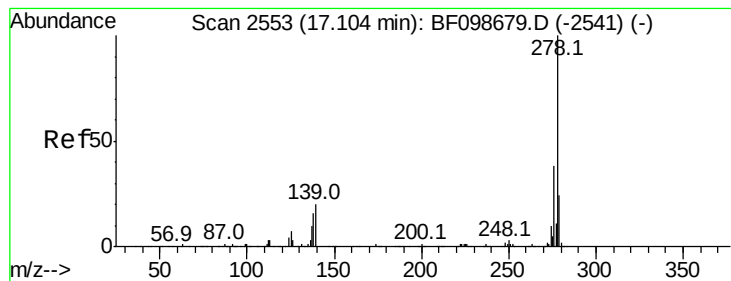
Tot Ion:252 Resp: 575020
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 15.6 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 28.303 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF098973.D
Acq: 30 Sep 2017 20:07

Tgt Ion:252 Resp: 314103
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 14.4 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 3.943 ng

RT: 17.10 min Scan# 2553

Delta R.T. -0.00 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

Instrument :

BNA_F

ClientSampled :

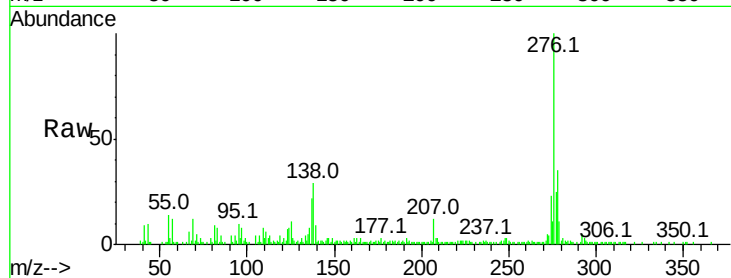
Tot Ion:278 Resp: 35020

Ion Ratio Lower Upper

278 100

139 25.8 15.9 23.9#

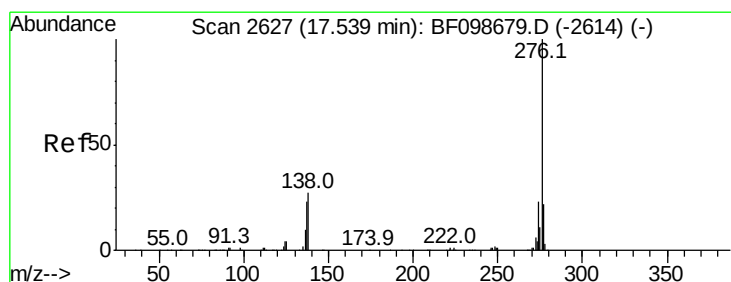
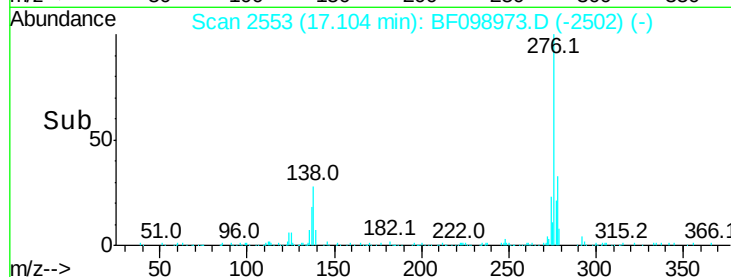
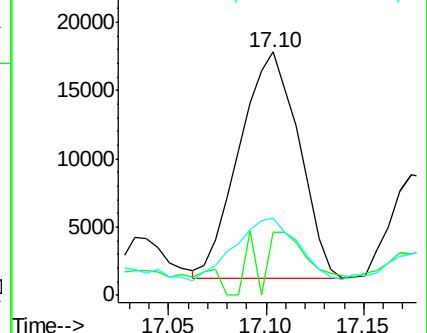
279 31.9 19.0 28.4#



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: 12.082 ng

RT: 17.56 min Scan# 2630

Delta R.T. 0.01 min

Lab File: BF098973.D

Acq: 30 Sep 2017 20:07

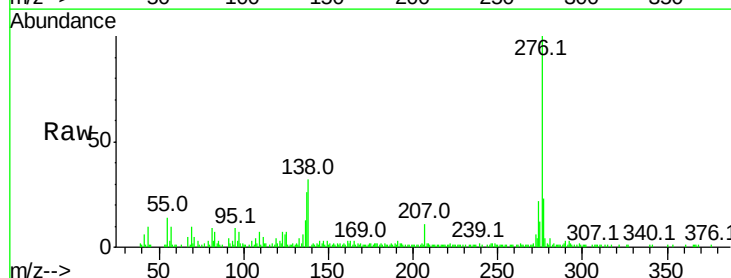
Tgt Ion:276 Resp: 106066

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 31.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

