

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110846.D
 Acq On : 19 Nov 2018 12:10
 Operator : JU/SJ
 Sample : J5977-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 19 12:48:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	67502	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	287436	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	136380	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	241073	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	149625	20.00	ng	0.00
87) Perylene-d12	15.66	264	153781	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	306839	73.84	ng	0.00
7) Phenol-d6	6.56	99	391144	73.60	ng	-0.01
23) Nitrobenzene-d5	7.50	82	253136	50.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	96830	70.46	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	438845	45.96	ng	-0.01
79) Terphenyl-d14	13.06	244	325208	40.70	ng	-0.01

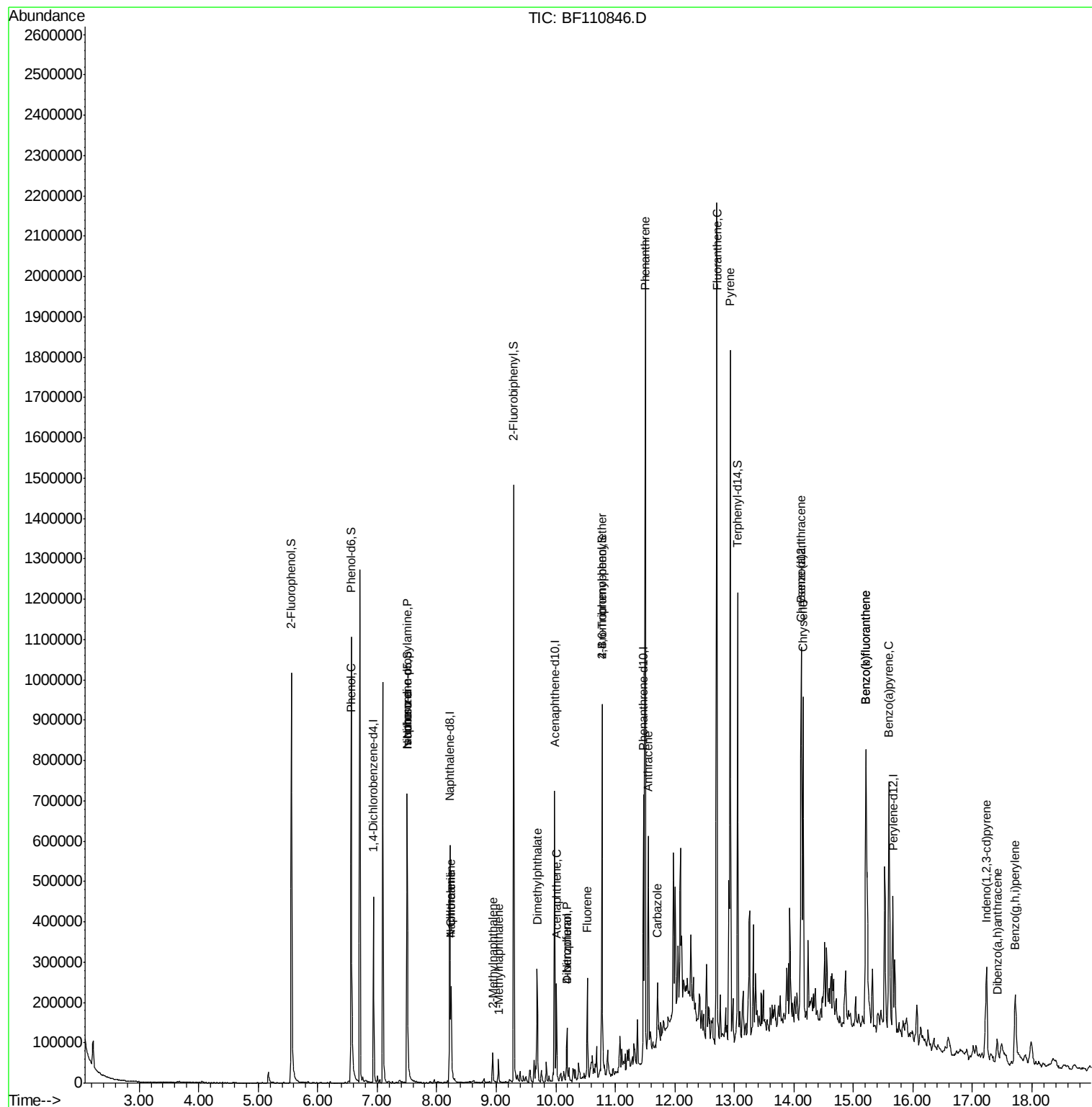
Target Compounds				Qvalue		
9) Benzaldehyde	6.52	77	2293	Below Cal		92
10) Phenol	6.57	94	22649	3.676 ng		86
19) n-Nitroso-di-n-propylamine	7.50	70	33807	9.966 ng	#	79
25) Isophorone	7.50	82	253135	30.944 ng	#	67
31) Naphthalene	8.25	128	118106	8.753 ng		99
33) 4-Chloroaniline	8.25	127	14975	2.450 ng	#	37
37) 2-Methylnaphthalene	8.94	142	24712	2.794 ng		97
38) 1-Methylnaphthalene	9.03	142	18857	2.217 ng	#	97
50) Dimethylphthalate	9.69	163	109640	10.774 ng		99
52) Acenaphthene	10.01	154	53093	6.365 ng		96
55) Dibenzofuran	10.19	168	49471	4.053 ng		97
56) 4-Nitrophenol	10.19	139	19429	11.292 ng	#	8
58) Fluorene	10.53	166	75139	8.015 ng		99
67) 4-Bromophenyl-phenylether	10.77	248	6105	2.291 ng	#	1
71) Phenanthrene	11.50	178	708081	54.824 ng		100
72) Anthracene	11.55	178	204739	15.715 ng		98
73) Carbazole	11.71	167	50654	4.048 ng		98
75) Fluoranthene	12.70	202	794228	61.337 ng		100
78) Pyrene	12.93	202	689144	59.818 ng		99
81) Benzo(a)anthracene	14.12	228	349216	39.048 ng		99
83) Chrysene	14.16	228	277563	32.577 ng		97
86) Indeno(1,2,3-cd)pyrene	17.24	276	154068	25.199 ng		97
88) Benzo(b)fluoranthene	15.21	252	506616	55.069 ng		98
89) Benzo(k)fluoranthene	15.21	252	506694	55.740 ng	#	97
90) Benzo(a)pyrene	15.60	252	298776	35.745 ng		100
91) Dibenzo(a,h)anthracene	17.42	278	34265	4.844 ng		96
92) Benzo(g,h,i)perylene	17.72	276	141552	20.169 ng		96

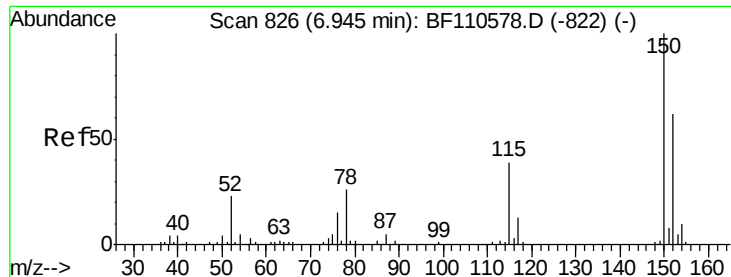
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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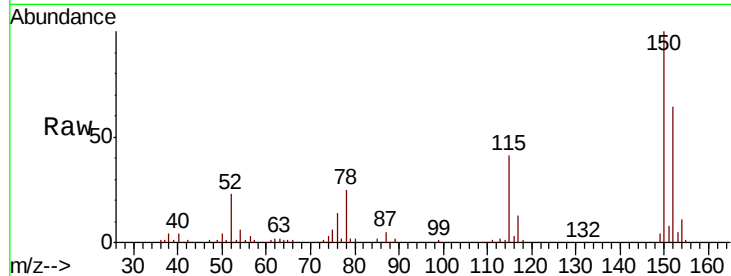




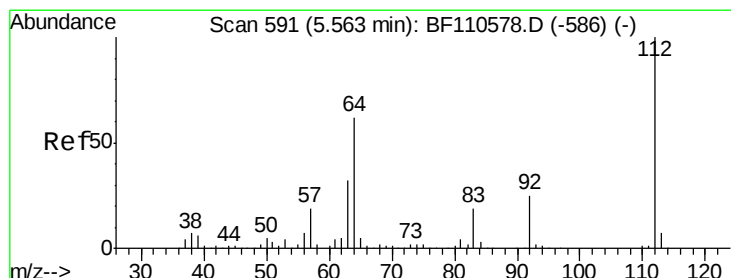
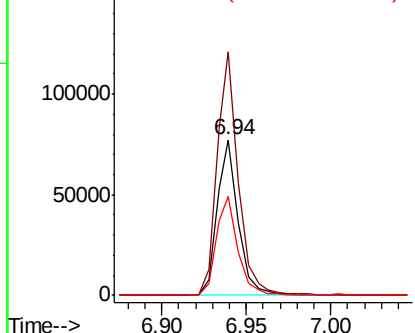
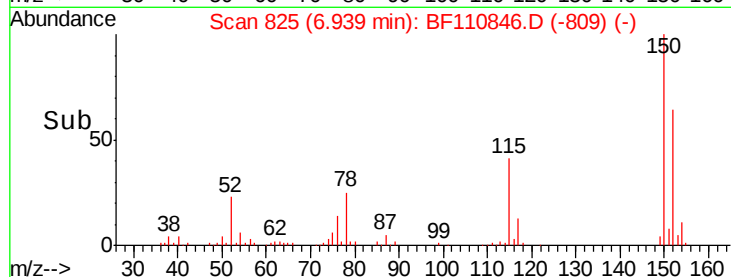
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110846.D
 Acq: 19 Nov 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 67502
 Ion Ratio Lower Upper
 152 100
 150 156.5 122.7 184.1
 115 63.5 49.1 73.7

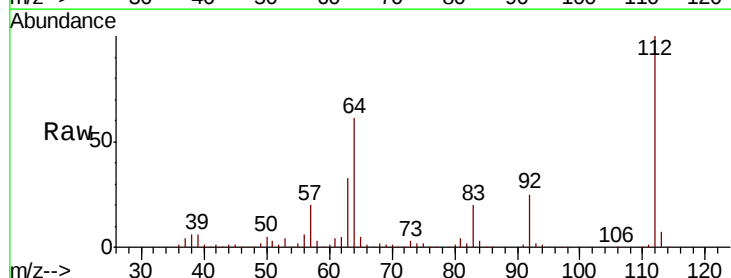


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

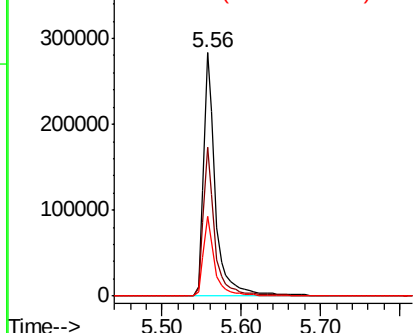
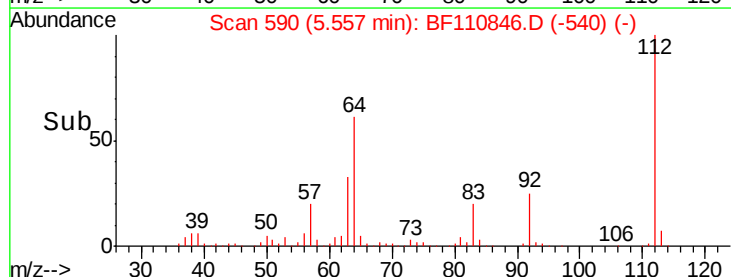


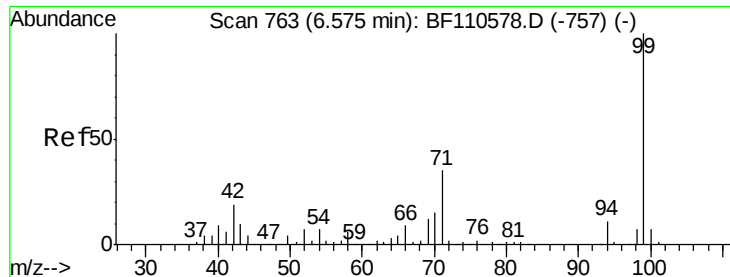
#5
 2-Fluorophenol
 Concen: 73.835 ng
 RT: 5.56 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF110846.D
 Acq: 19 Nov 2018 12:10

Tgt Ion:112 Resp: 306839
 Ion Ratio Lower Upper
 112 100
 64 61.2 44.1 66.1
 63 33.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 73.604 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110846.D

Acq: 19 Nov 2018 12:10

Instrument :

BNA_F

ClientSampled :

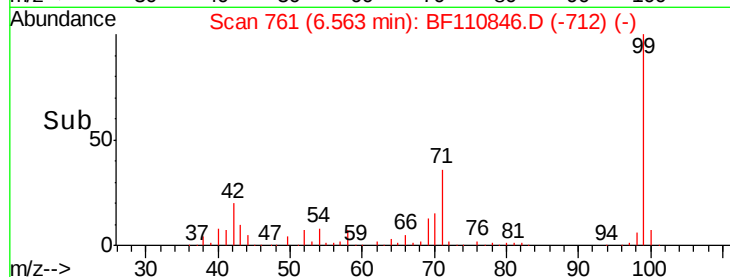
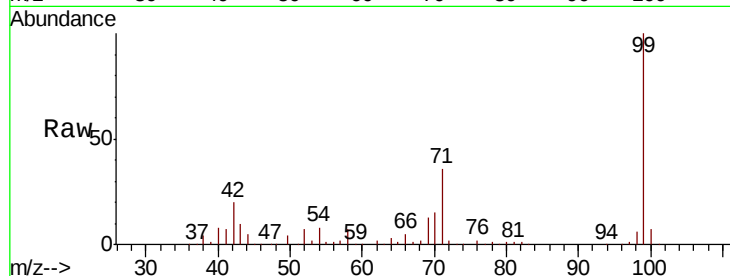
Tot Ion: 99 Resp: 391144

Ion Ratio Lower Upper

99 100

42 20.1 15.8 23.6

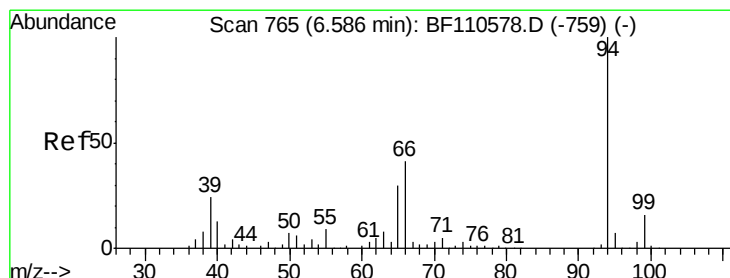
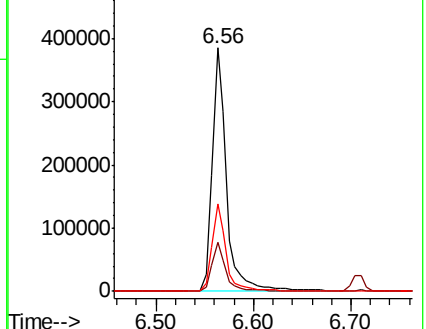
71 36.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.676 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110846.D

Acq: 19 Nov 2018 12:10

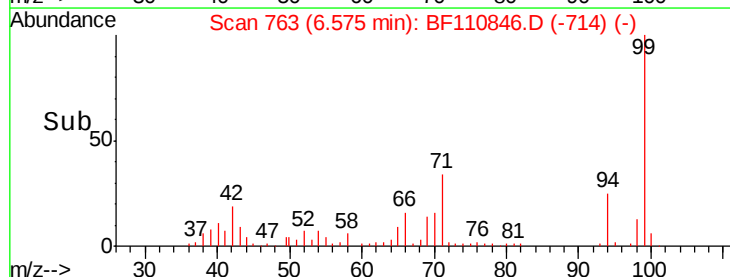
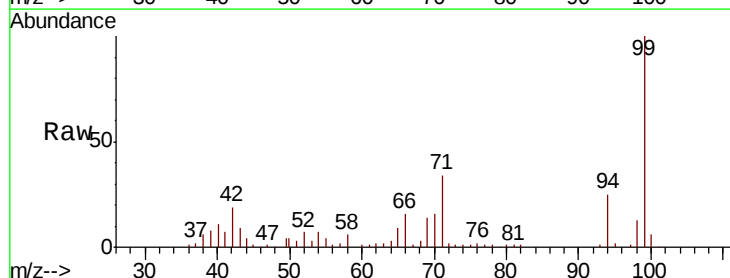
Tgt Ion: 94 Resp: 22649

Ion Ratio Lower Upper

94 100

65 37.1 25.3 65.3

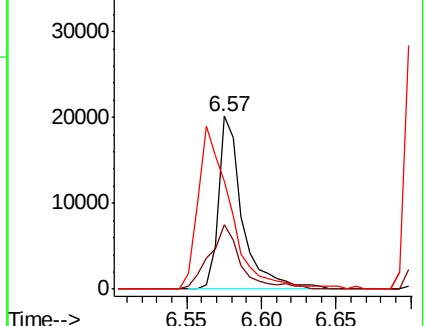
66 62.4 54.5 94.5

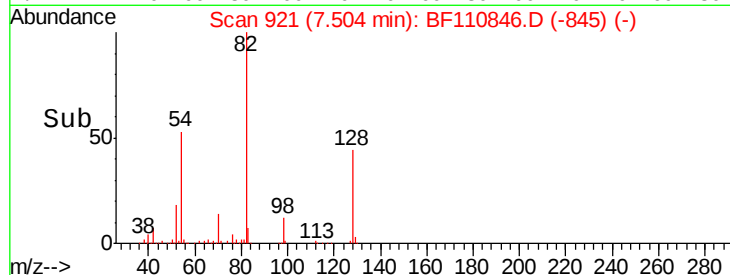
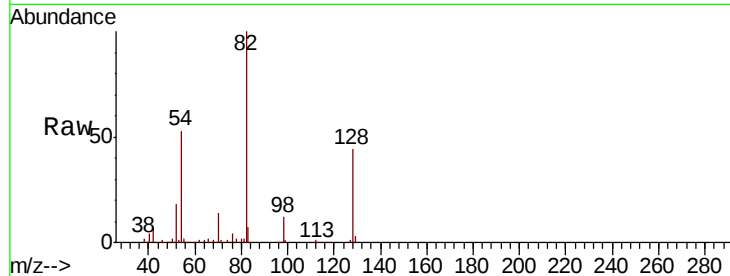
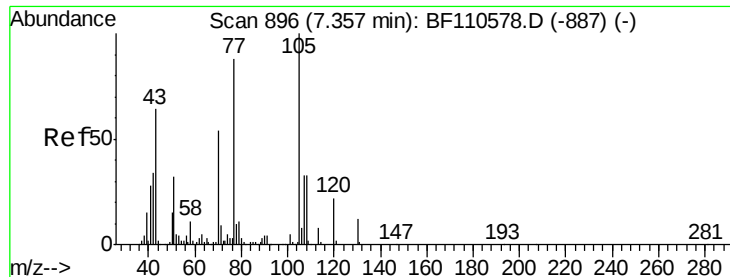


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

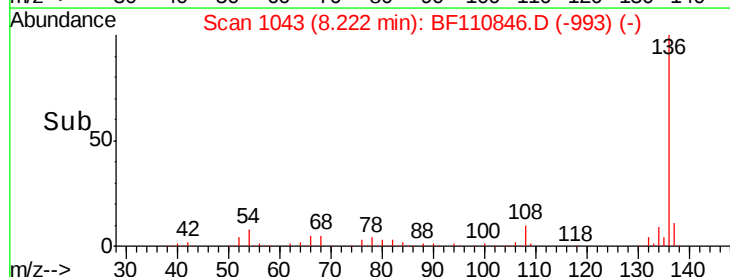
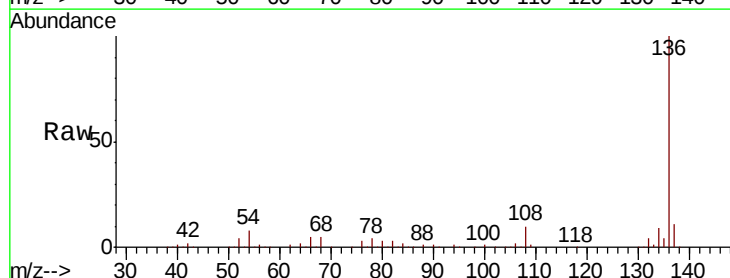
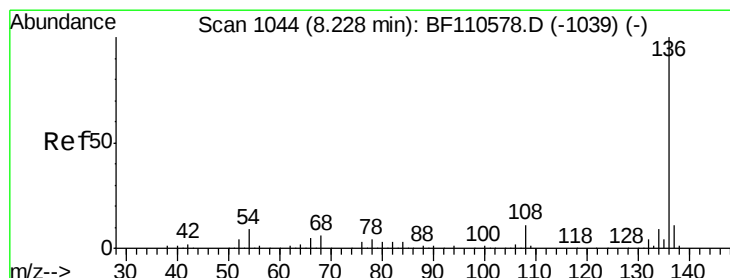
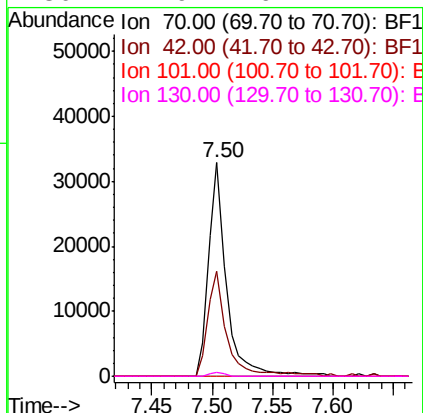




#19
n-Nitroso-di-n-propylamine
Concen: 9.966 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

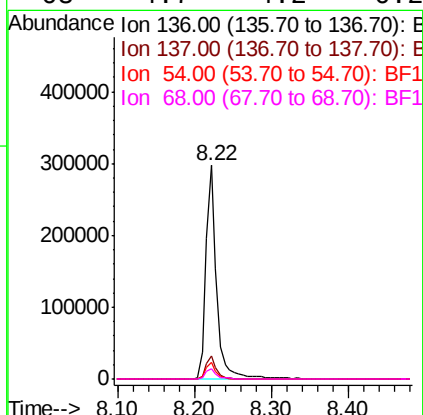
Instrument :
BNA_F
ClientSampleId :

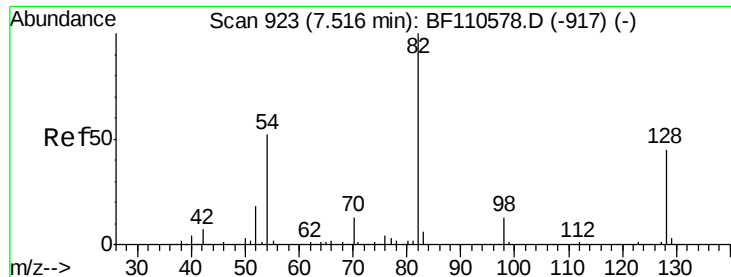
Tot Ion: 70 Resp: 33807
Ion Ratio Lower Upper
70 100
42 49.0 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:136 Resp: 287436
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.6 5.4 8.2
68 4.7 4.2 6.2

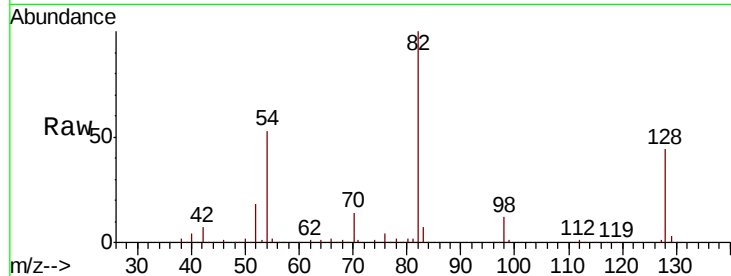




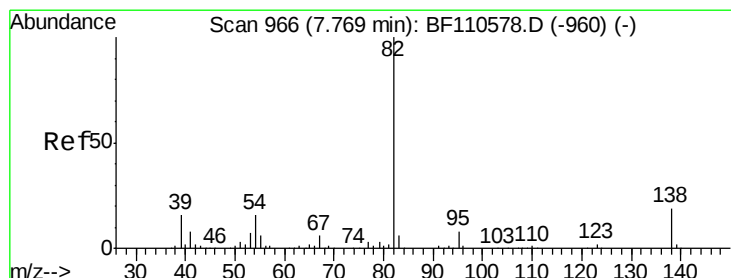
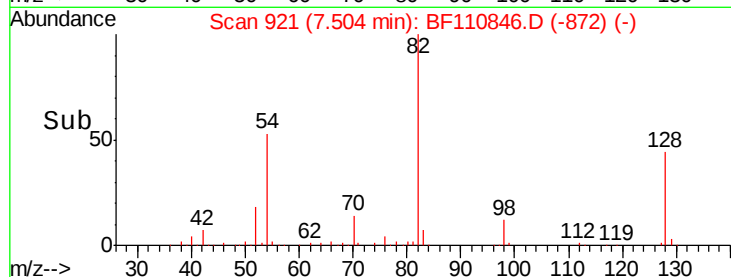
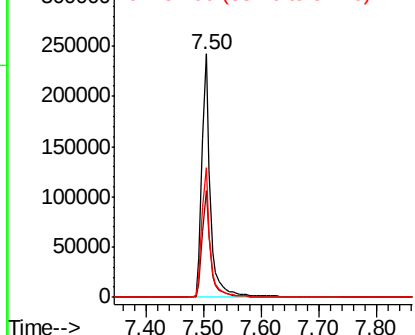
#23
Nitrobenzene-d5
Concen: 50.717 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 253136
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.2
54 53.3 38.6 58.0

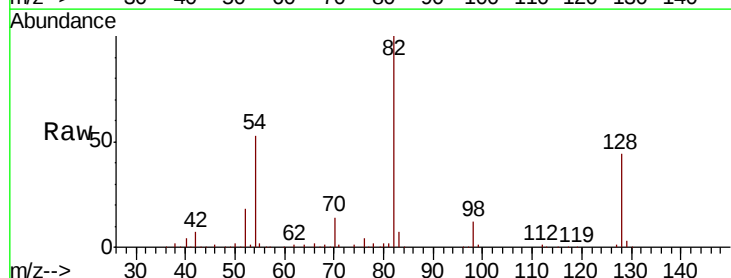


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

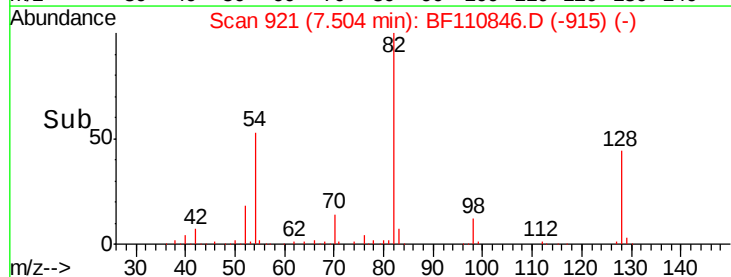
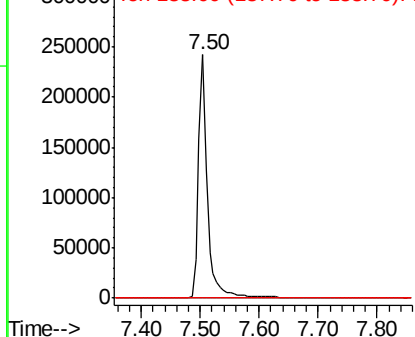


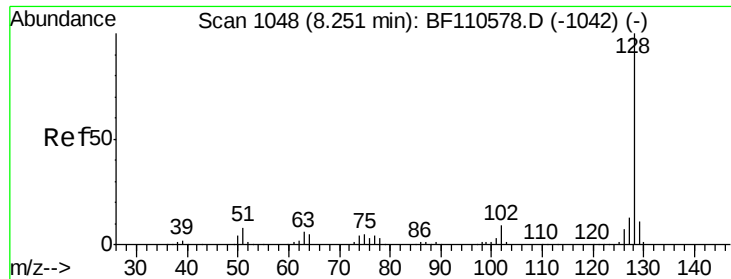
#25
Isophorone
Concen: 30.944 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion: 82 Resp: 253135
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

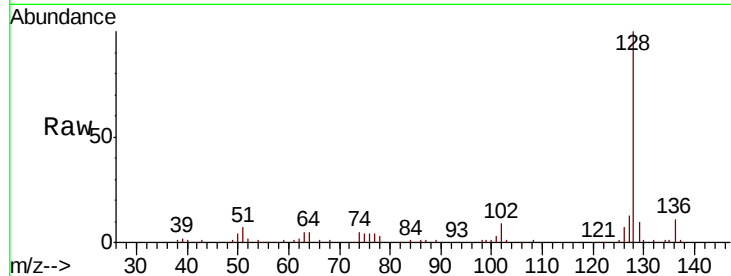




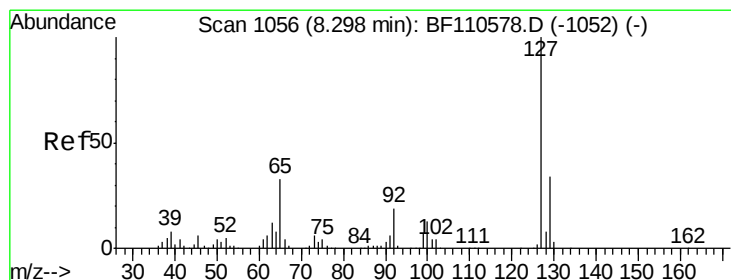
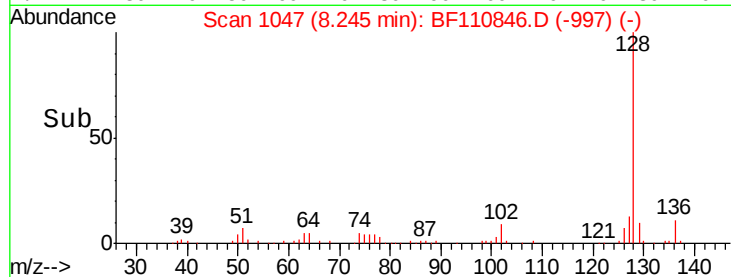
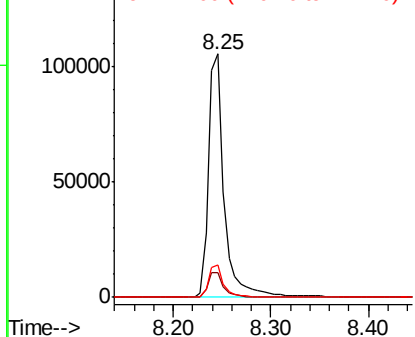
#31
Naphthalene
Concen: 8.753 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 118106
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 13.2 10.8 16.2

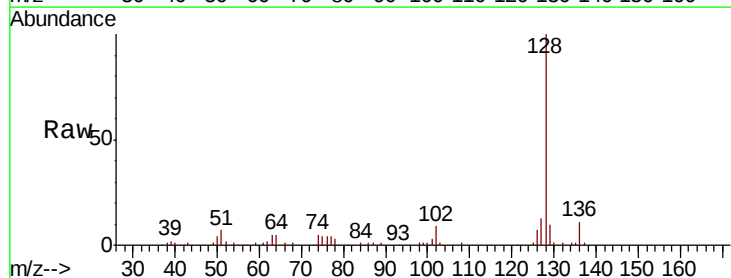


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

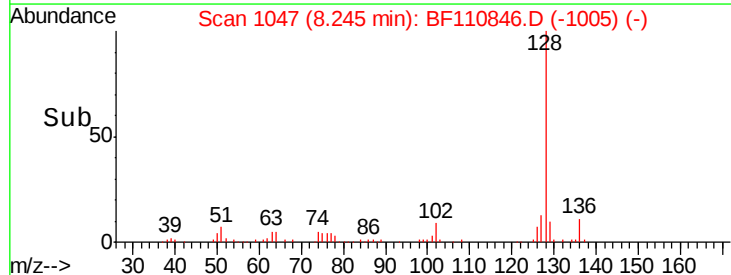
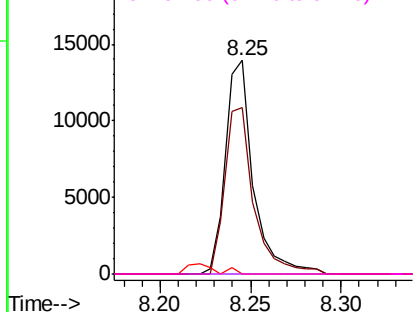


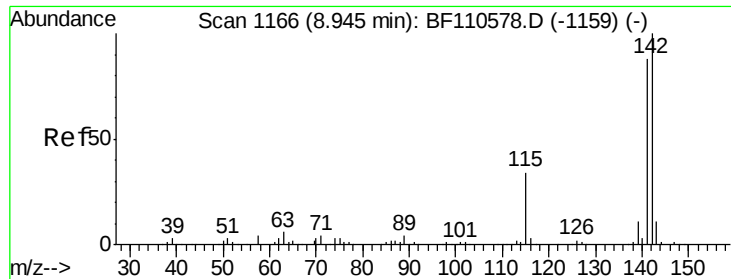
#33
4-Chloroaniline
Concen: 2.450 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:127 Resp: 14975
Ion Ratio Lower Upper
127 100
129 78.0 26.0 39.0#
65 0.0 25.1 37.7#
92 0.0 15.0 22.6#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

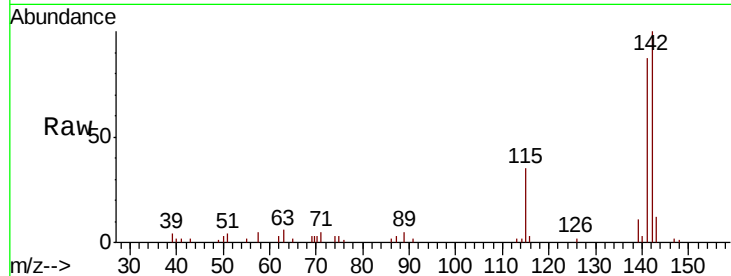




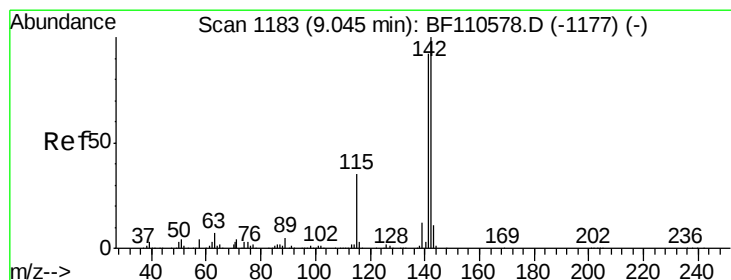
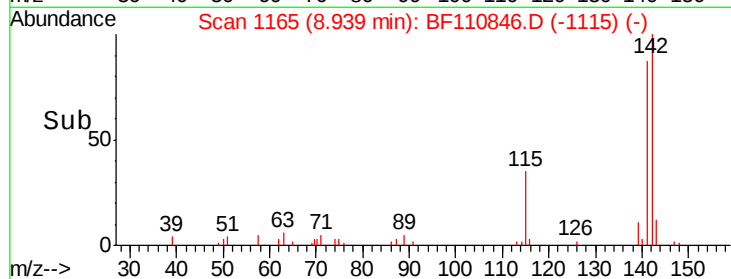
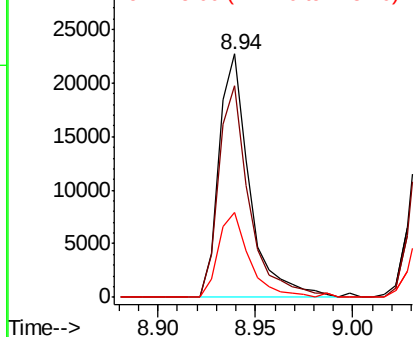
#37
2-Methylnaphthalene
Concen: 2.794 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 24712
Ion Ratio Lower Upper
142 100
141 86.7 71.4 107.2
115 34.7 28.7 43.1

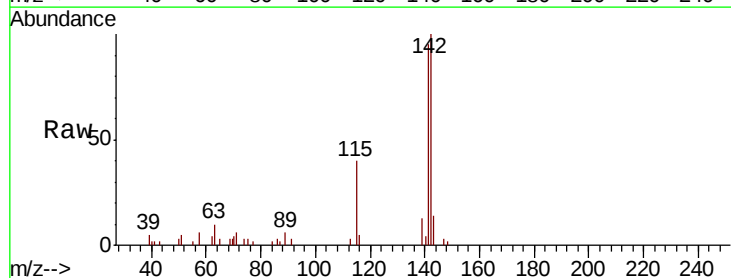


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

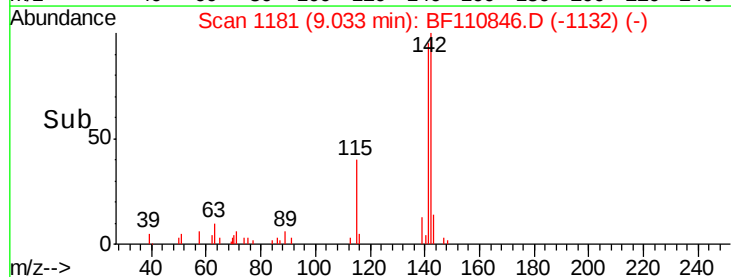
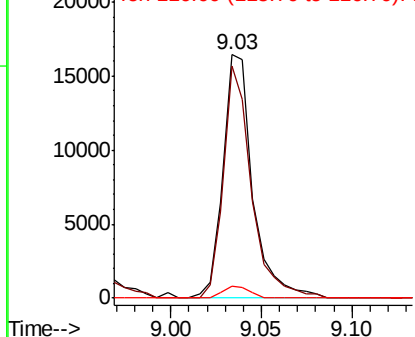


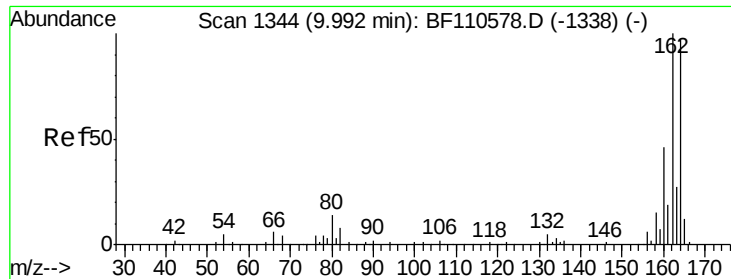
#38
1-Methylnaphthalene
Concen: 2.217 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:142 Resp: 18857
Ion Ratio Lower Upper
142 100
141 95.3 74.2 111.4
116 5.0 2.6 4.0#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110846.D

Acq: 19 Nov 2018 12:10

Instrument :

BNA_F

ClientSampleId :

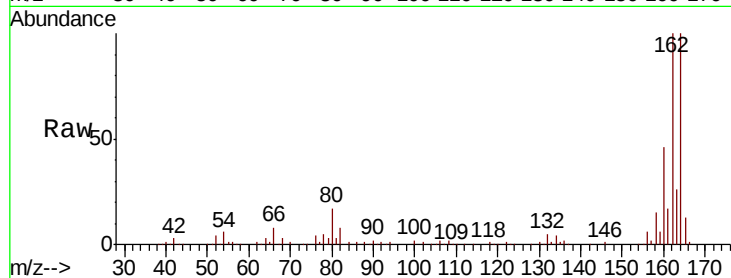
Tot Ion:164 Resp: 136380

Ion Ratio Lower Upper

164 100

162 100.1 83.0 124.6

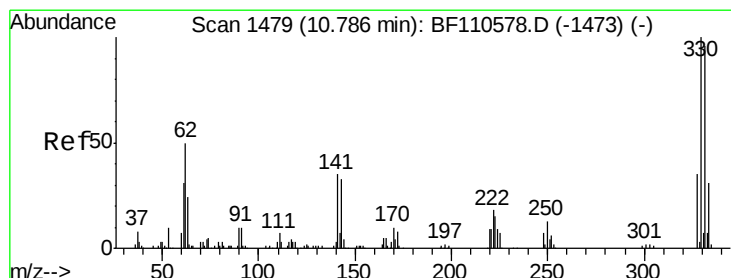
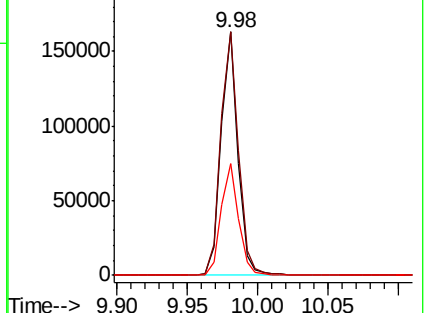
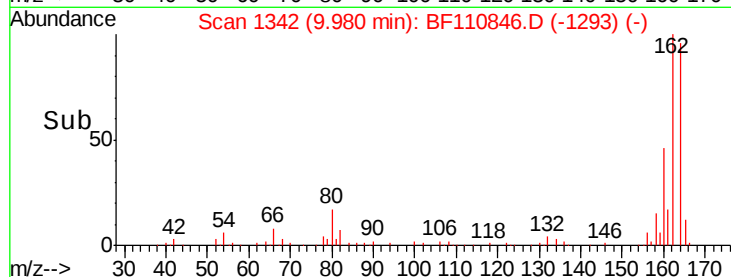
160 46.0 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 70.463 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110846.D

Acq: 19 Nov 2018 12:10

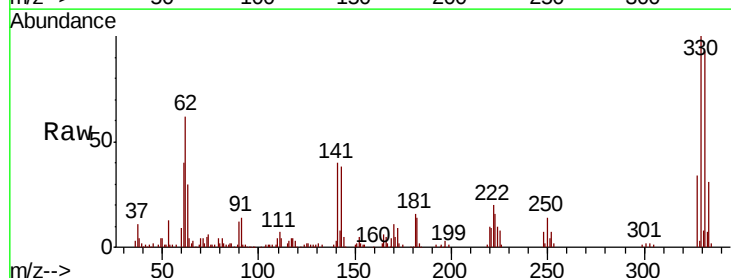
Tgt Ion:330 Resp: 96830

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

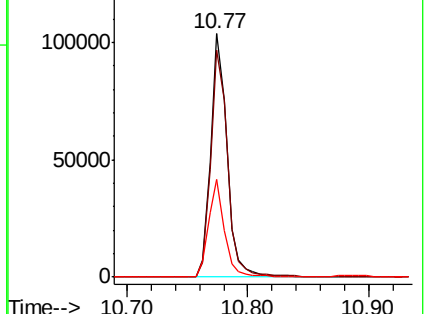
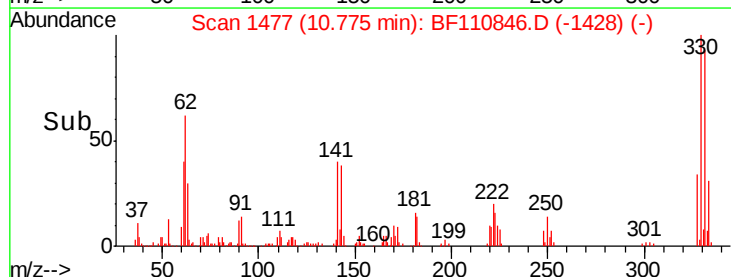
141 39.9 27.0 40.4

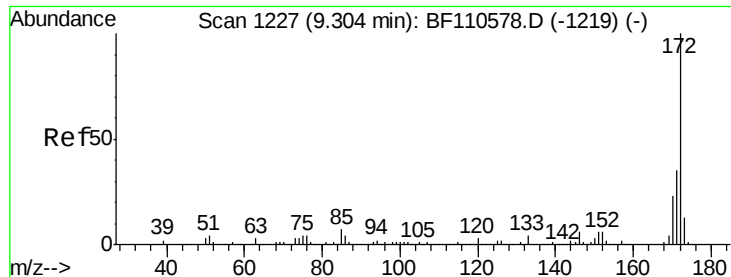


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

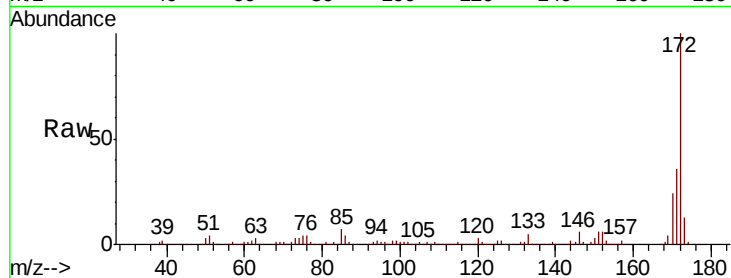




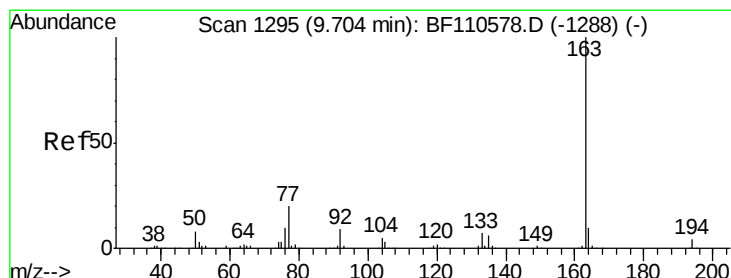
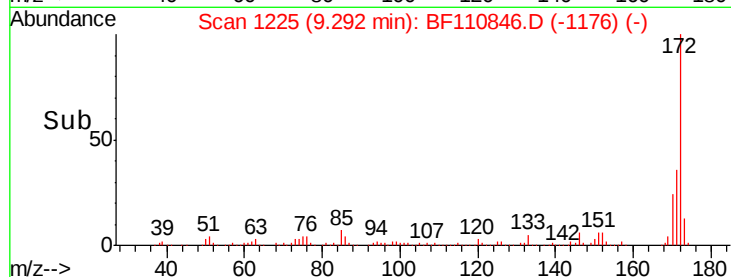
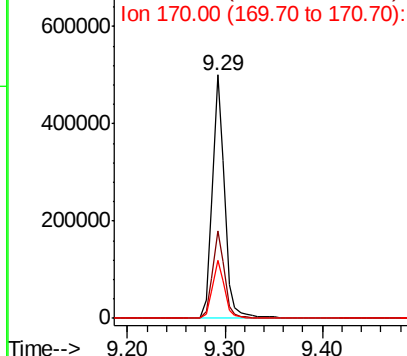
#45
2-Fluorobiphenyl
Concen: 45.956 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 438845
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 19.7 29.5

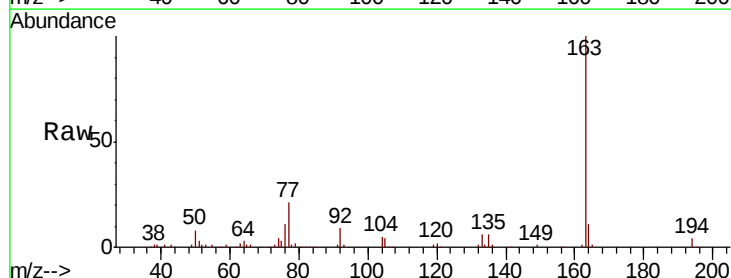


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

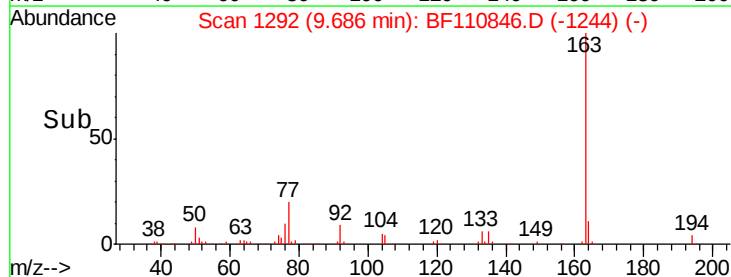
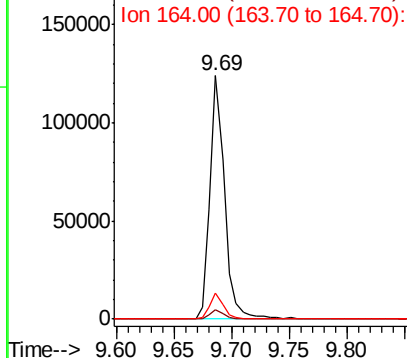


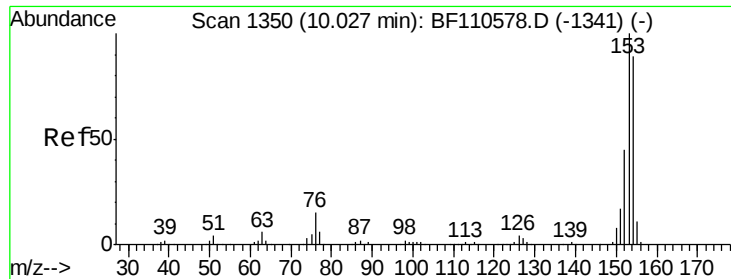
#50
Dimethylphthalate
Concen: 10.774 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:163 Resp: 109640
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.6 8.1 12.1



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

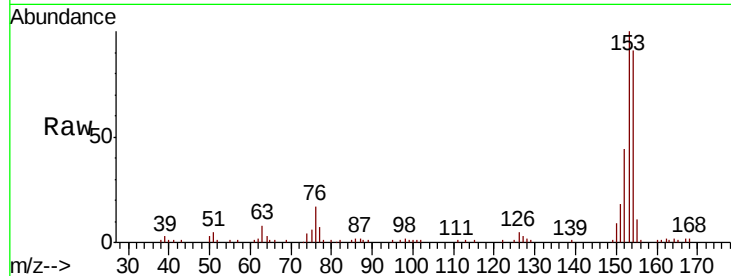




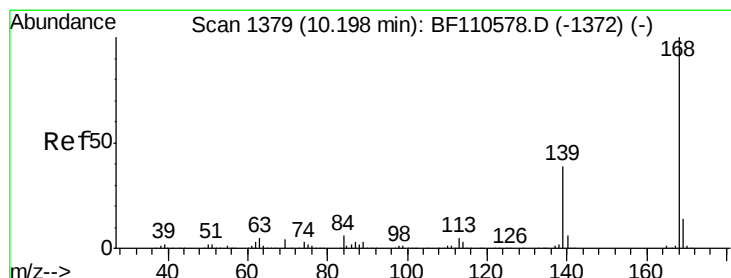
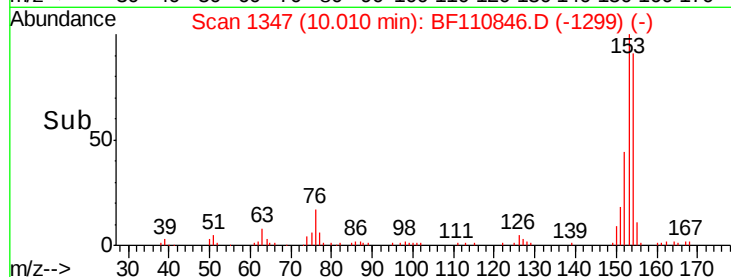
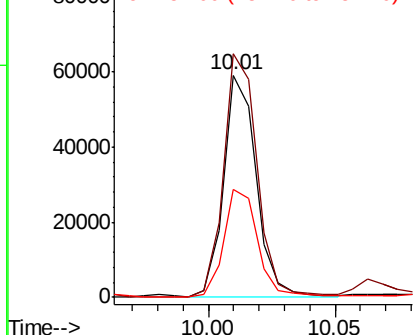
#52
Acenaphthene
Concen: 6.365 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 53093
Ion Ratio Lower Upper
154 100
153 109.8 90.1 135.1
152 48.5 43.4 65.2

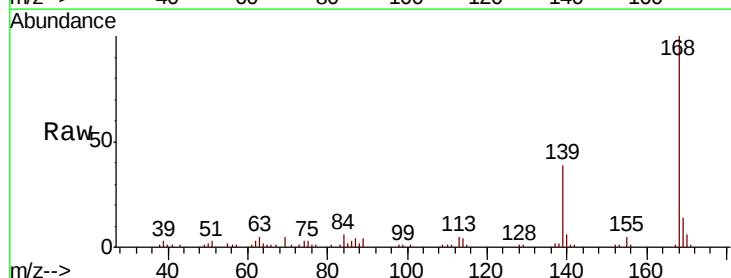


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

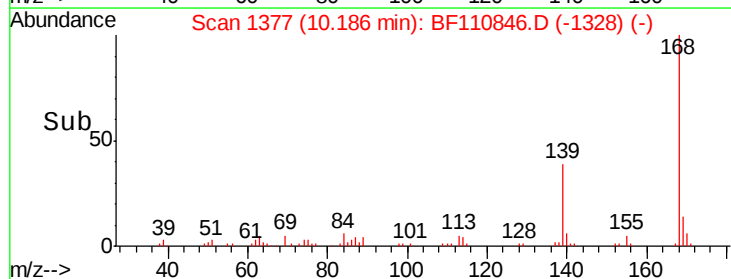
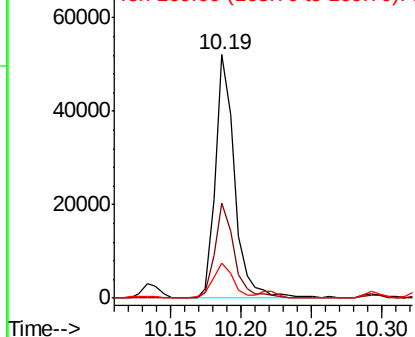


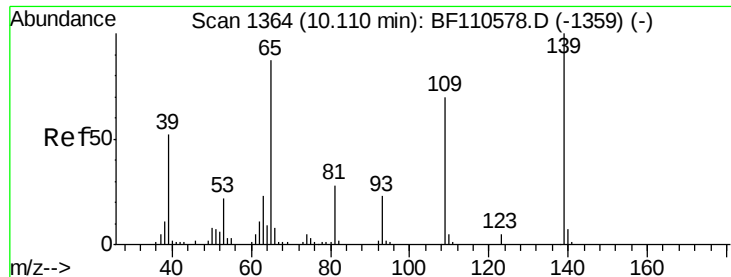
#55
Dibenzofuran
Concen: 4.053 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:168 Resp: 49471
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.6
169 14.4 11.3 16.9



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

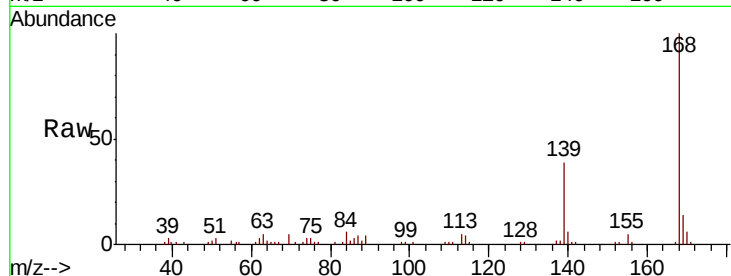




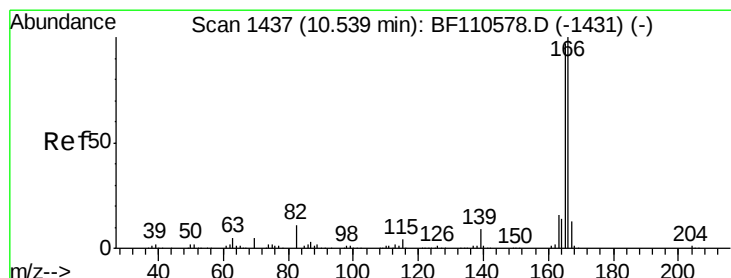
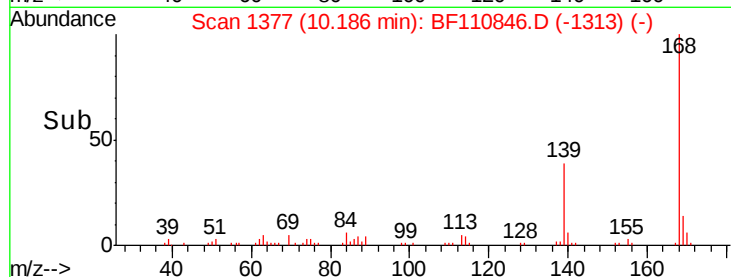
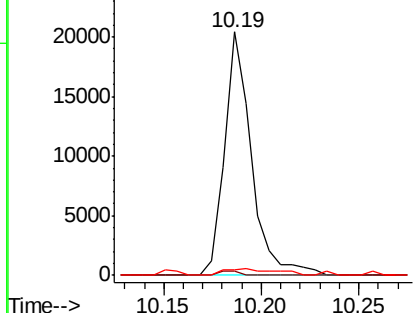
#56
4-Nitrophenol
Concen: 11.292 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.08 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.9	55.8	95.8#
65	2.2	77.9	117.9#

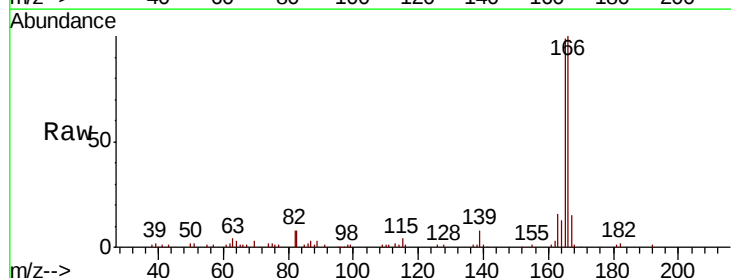


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

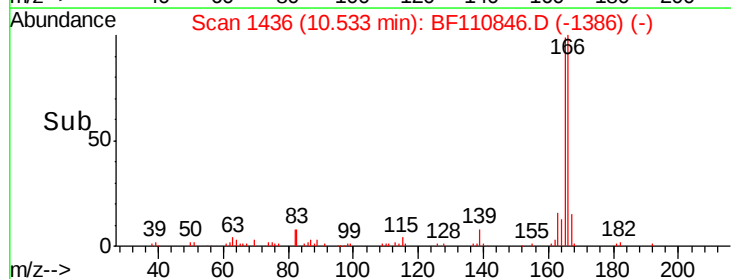
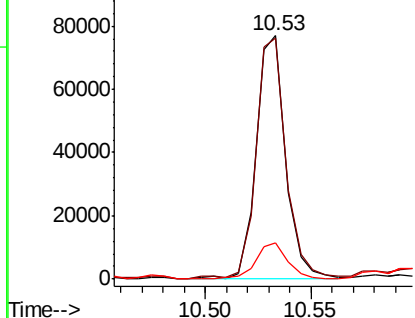


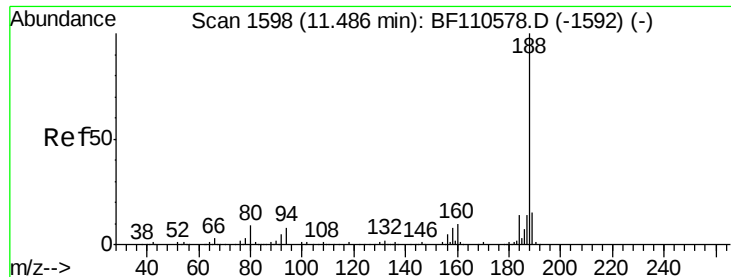
#58
Fluorene
Concen: 8.015 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	117.8
167	14.7	10.8	16.2



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF110846.D

Acq: 19 Nov 2018 12:10

Instrument :

BNA_F

ClientSampleId :

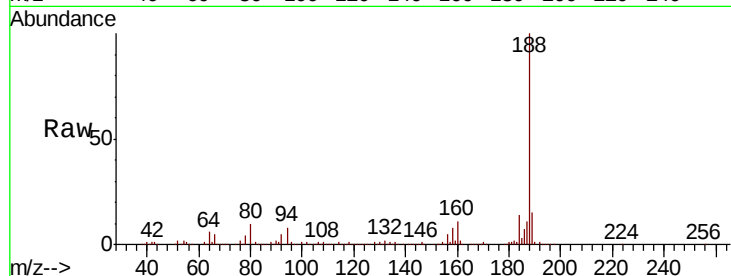
Tot Ion:188 Resp: 241073

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

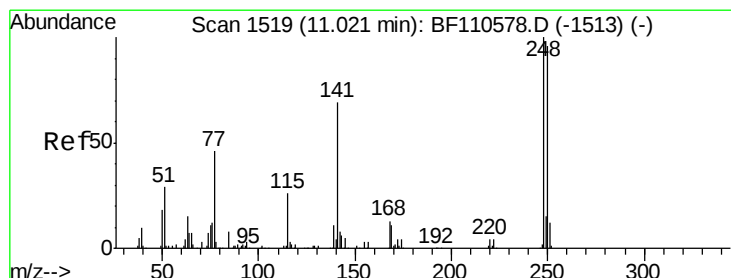
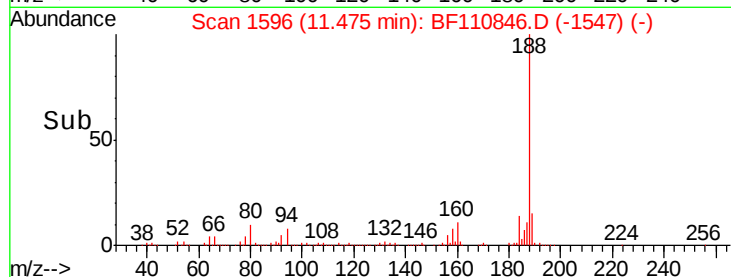
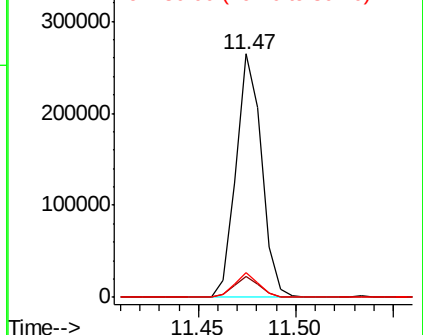
80 10.1 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.291 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.25 min

Lab File: BF110846.D

Acq: 19 Nov 2018 12:10

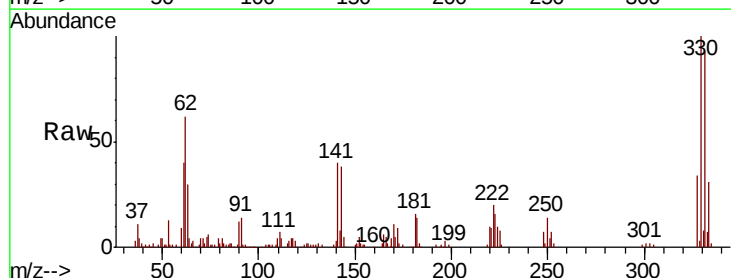
Tgt Ion:248 Resp: 6105

Ion Ratio Lower Upper

248 100

250 208.3 79.4 119.2#

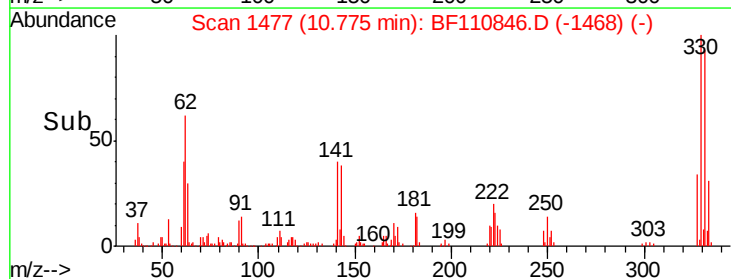
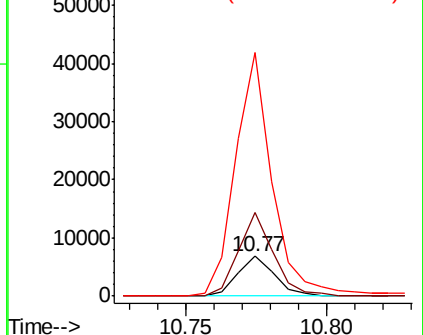
141 608.9 55.9 83.9#

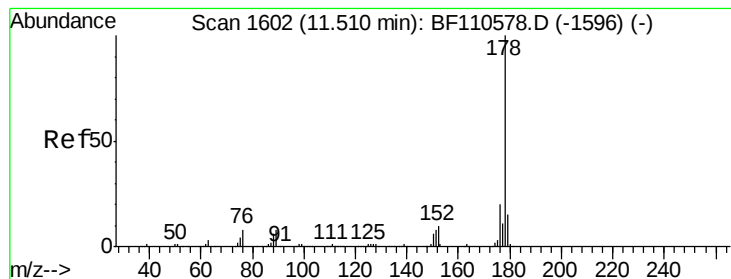


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

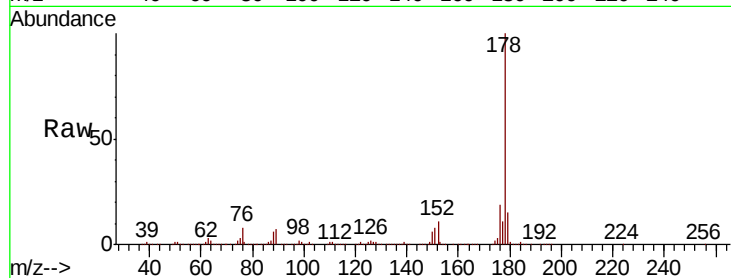




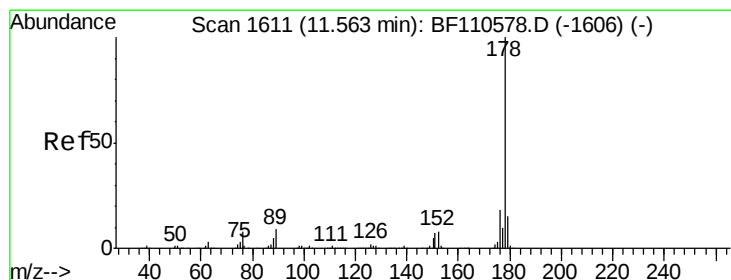
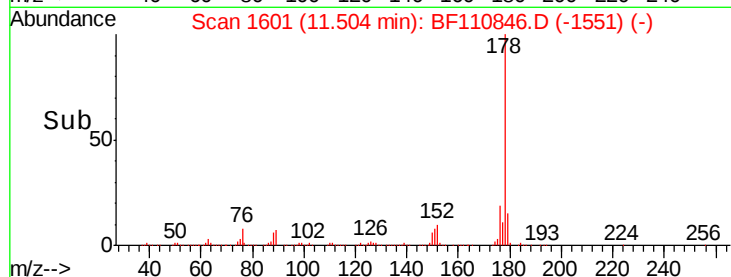
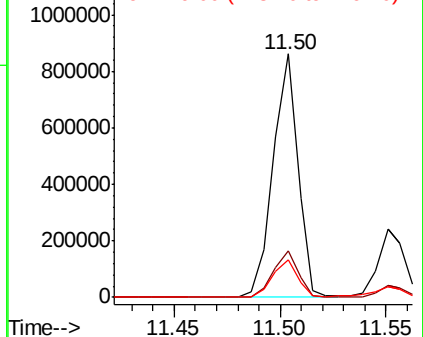
#71
Phenanthrene
Concen: 54.824 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 708081
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.5 12.5 18.7

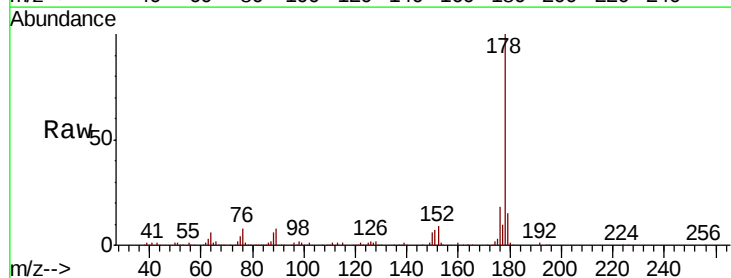


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

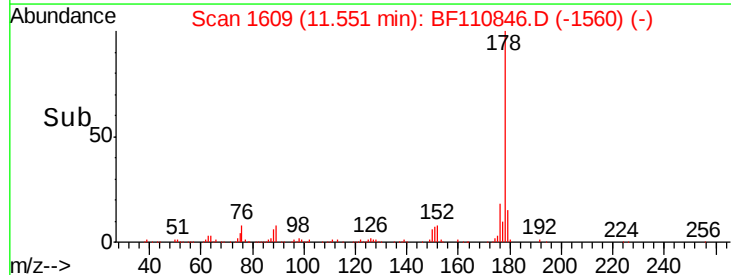
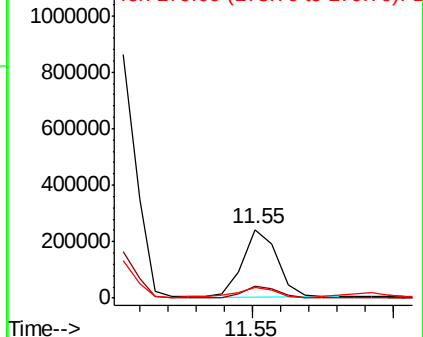


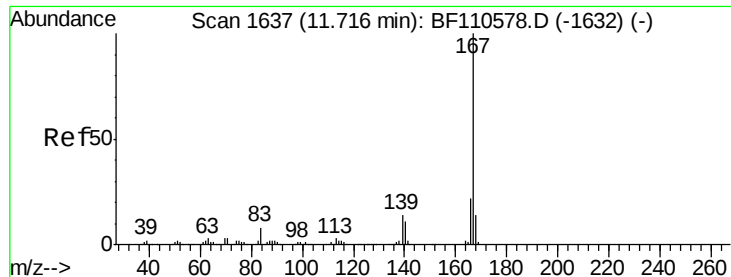
#72
Anthracene
Concen: 15.715 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:178 Resp: 204739
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.2
179 15.5 12.6 18.8



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

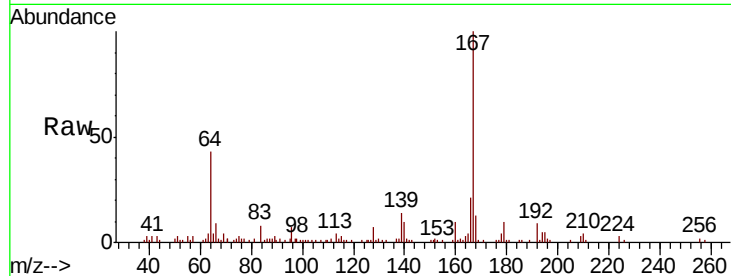




#73
 Carbazole
 Concen: 4.048 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110846.D
 Acq: 19 Nov 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.4	26.0
139	14.0	10.9	16.3

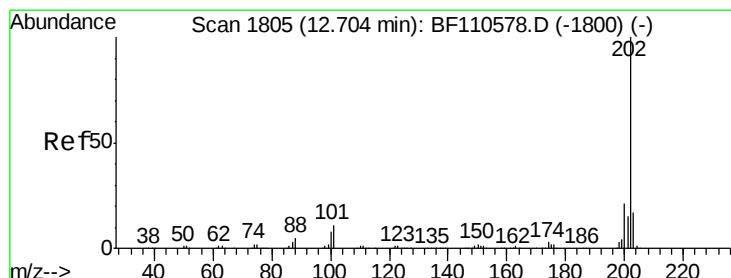
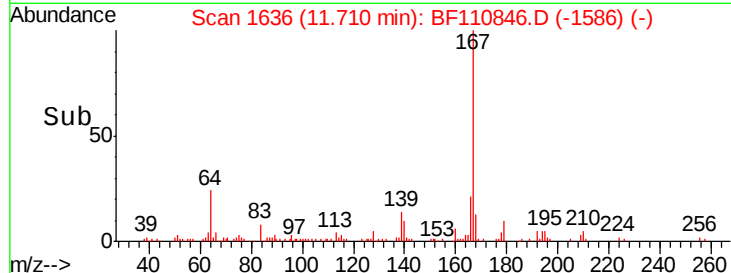
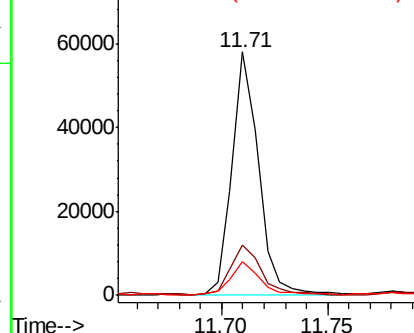


Abundance

Ion 167.00 (166.70 to 167.70): E

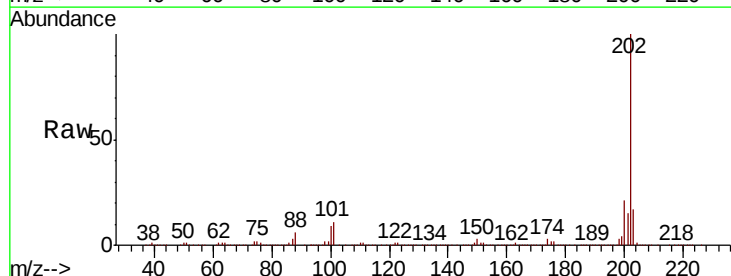
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75
 Fluoranthene
 Concen: 61.337 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BF110846.D
 Acq: 19 Nov 2018 12:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.4	0.0	37.7

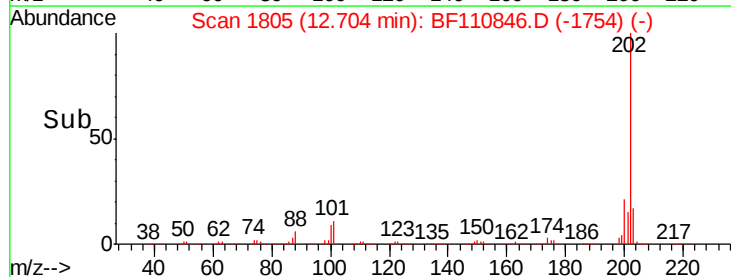
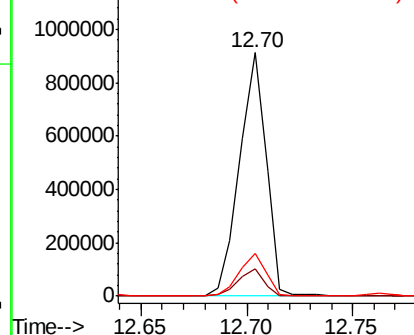


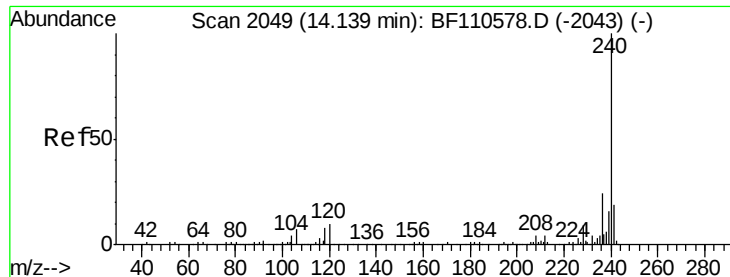
Abundance

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

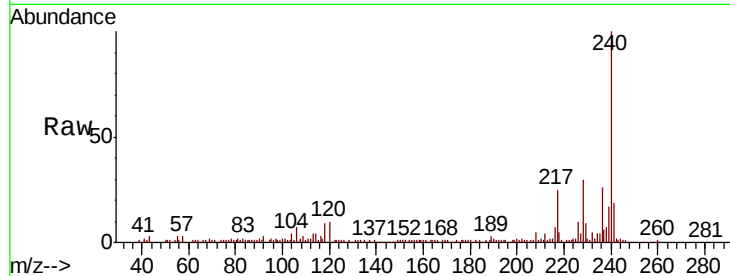




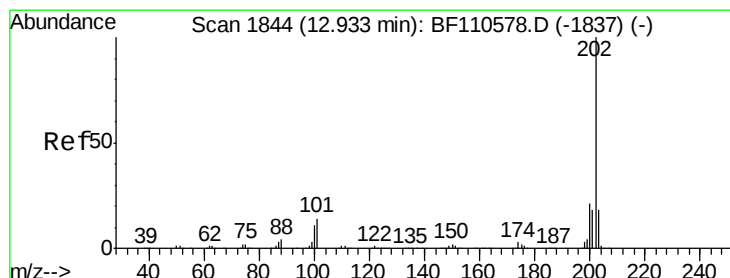
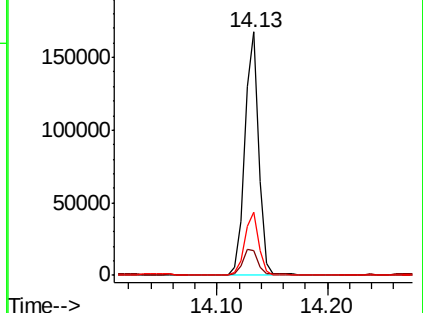
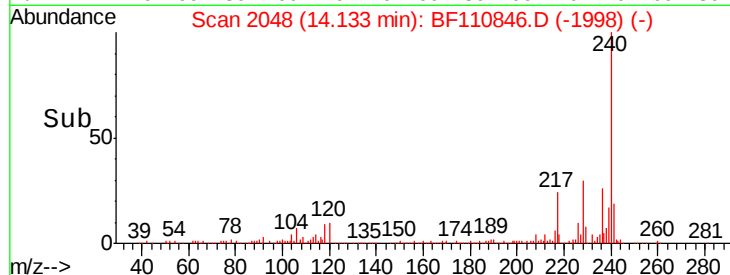
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 149625
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 25.9 21.2 31.8

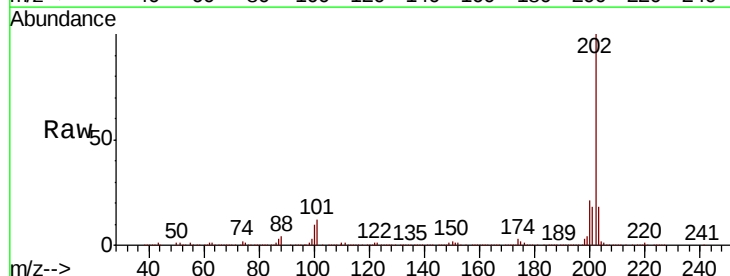


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

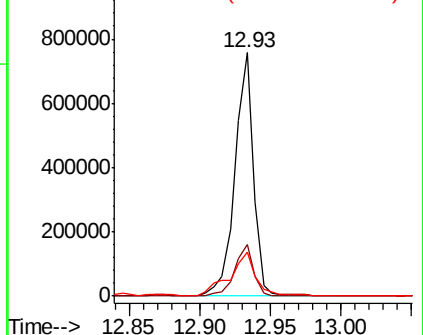
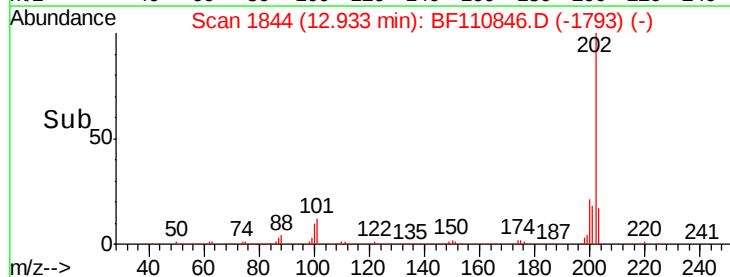


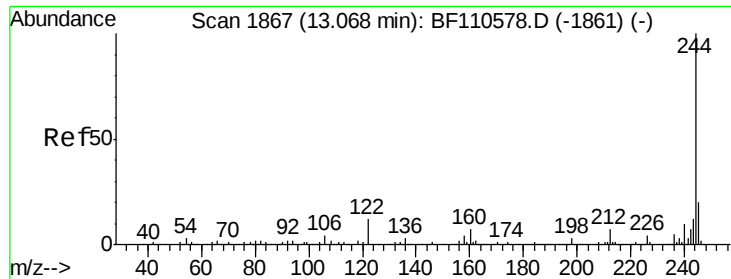
#78
Pyrene
Concen: 59.818 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:202 Resp: 689144
Ion Ratio Lower Upper
202 100
200 21.1 17.8 26.6
203 17.9 14.2 21.4



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





#79

Terphenyl-d14

Concen: 40.704 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110846.D

Acq: 19 Nov 2018 12:10

Instrument :

BNA_F

ClientSampled :

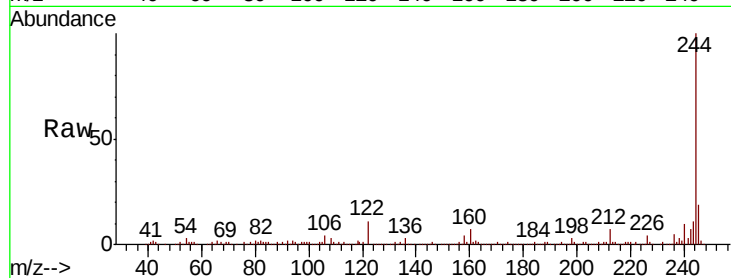
Tot Ion:244 Resp: 325208

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

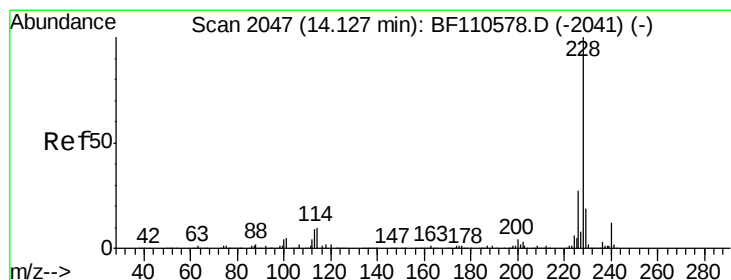
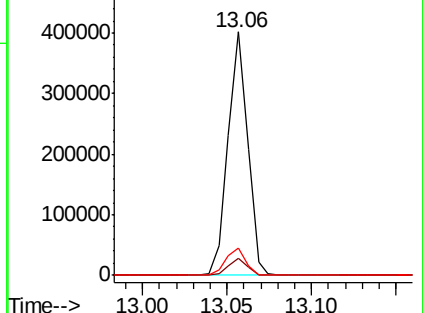
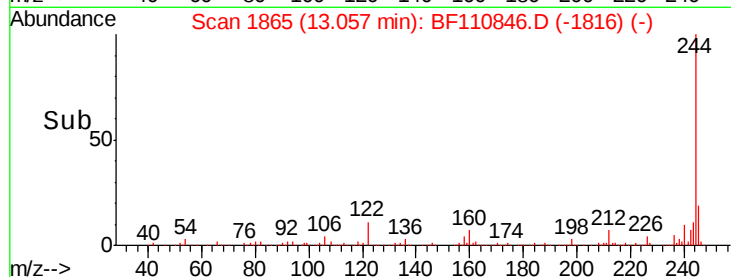
122 11.0 8.7 13.1



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



#81

Benzo(a)anthracene

Concen: 39.048 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110846.D

Acq: 19 Nov 2018 12:10

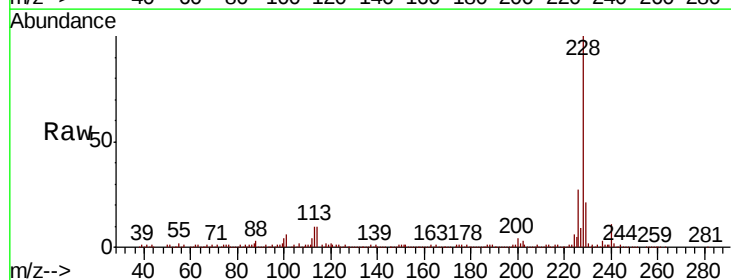
Tgt Ion:228 Resp: 349216

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

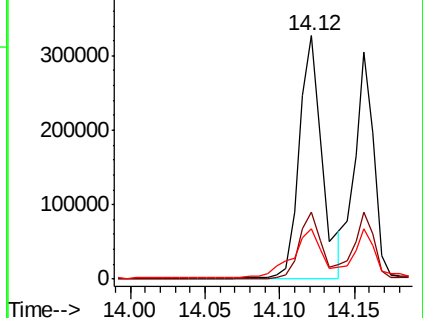
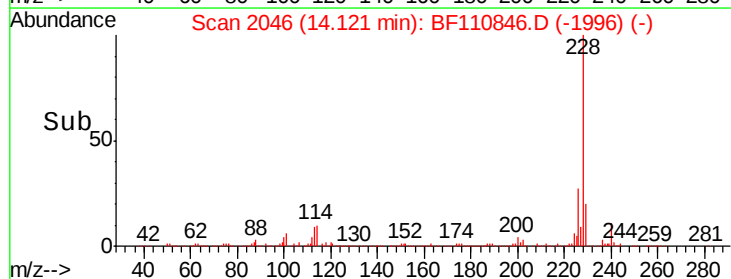
229 20.5 15.6 23.4

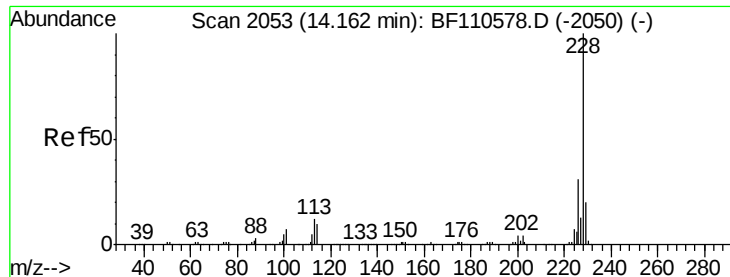


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 32.577 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110846.D

Acq: 19 Nov 2018 12:10

Instrument :

BNA_F

ClientSampleId :

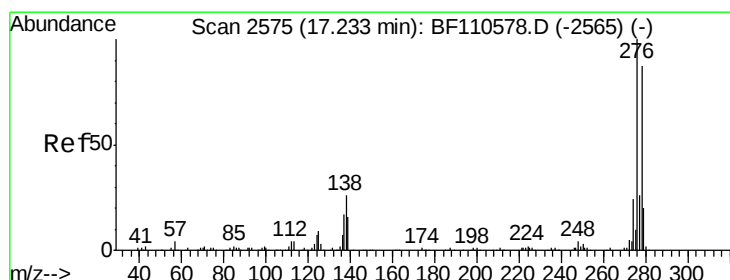
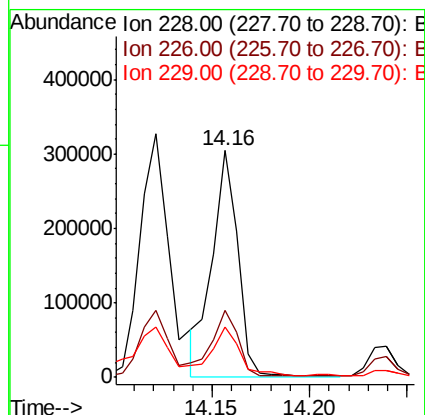
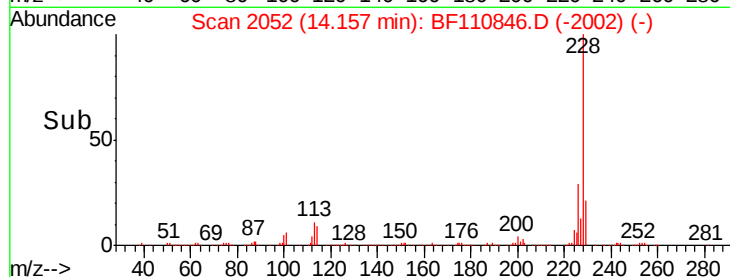
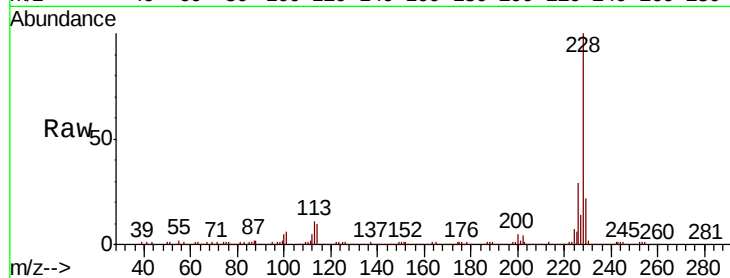
Tot Ion:228 Resp: 277563

Ion Ratio Lower Upper

228 100

226 29.4 24.7 37.1

229 22.0 15.9 23.9



#86

Indeno(1,2,3-cd)pyrene

Concen: 25.199 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF110846.D

Acq: 19 Nov 2018 12:10

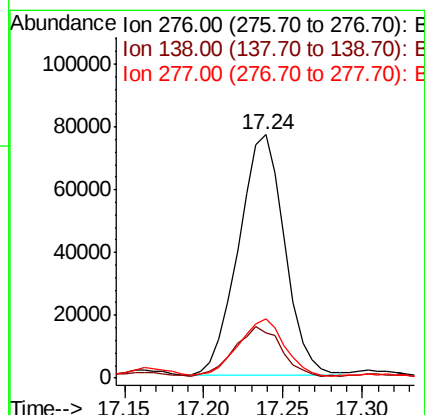
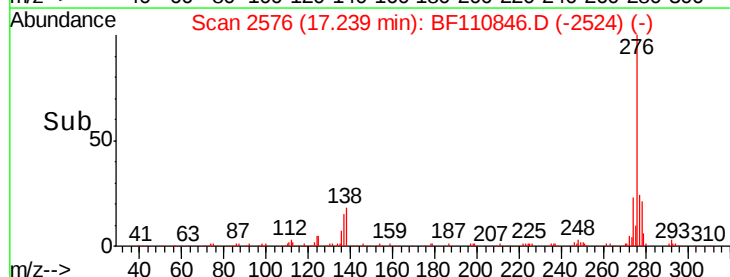
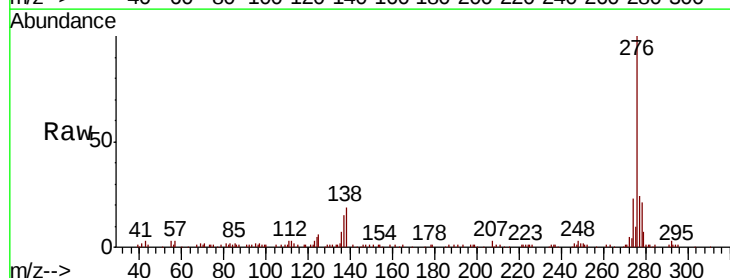
Tgt Ion:276 Resp: 154068

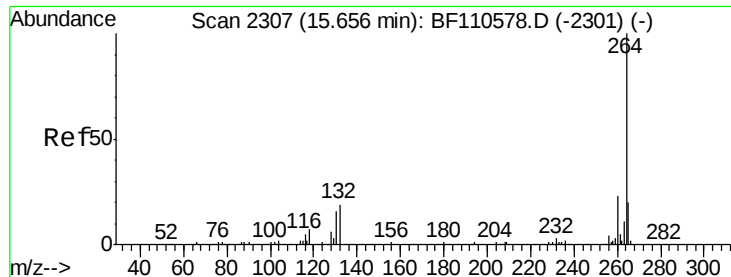
Ion Ratio Lower Upper

276 100

138 21.2 18.5 27.7

277 24.0 20.0 30.0



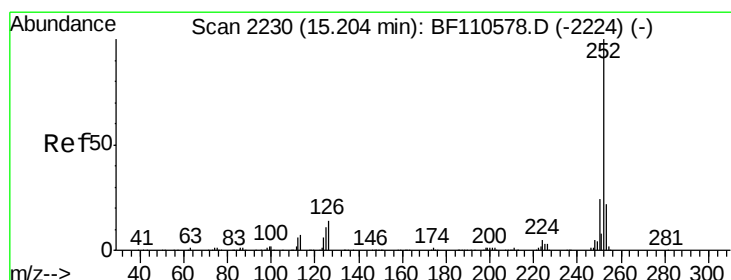
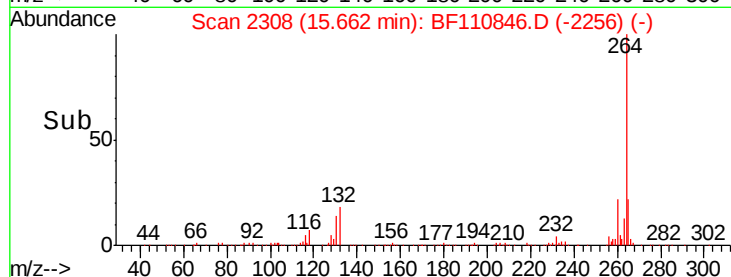
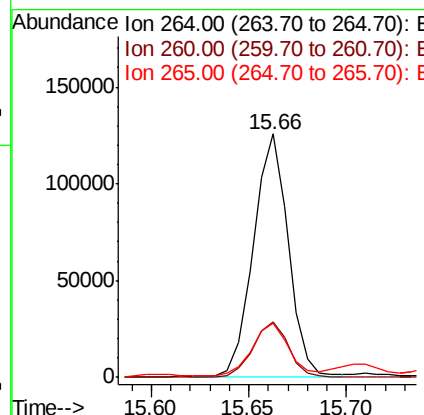
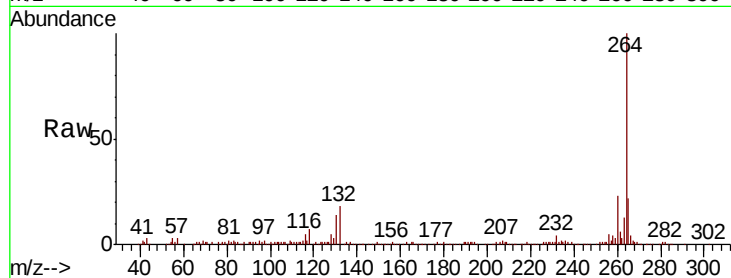


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 153781

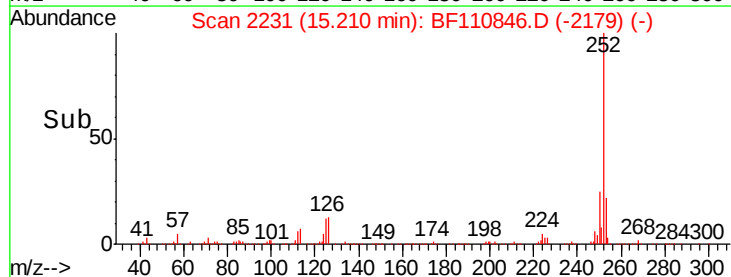
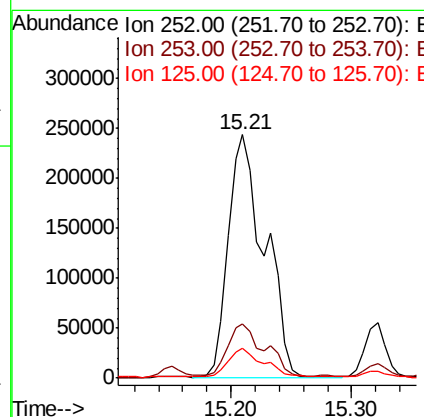
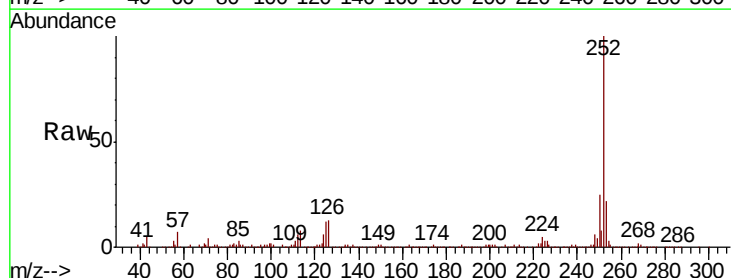
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	22.1	16.7	25.1

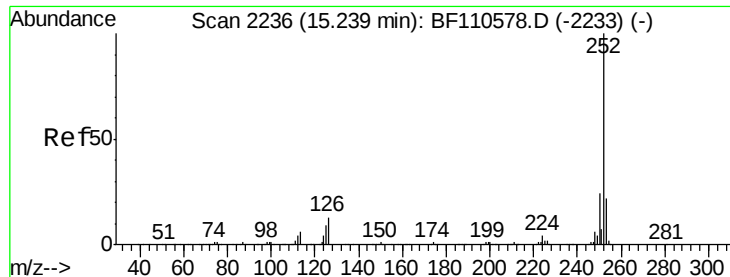


#88
Benzo(b)fluoranthene
Concen: 55.069 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:252 Resp: 506616

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	12.2	8.2	12.4

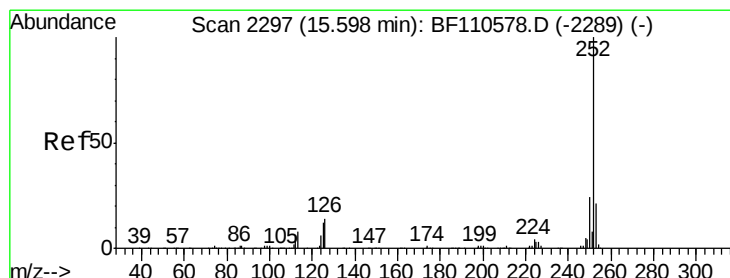
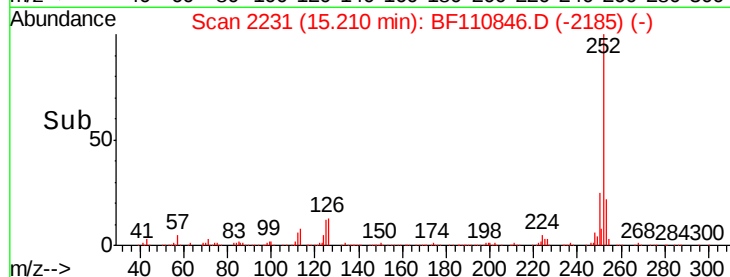
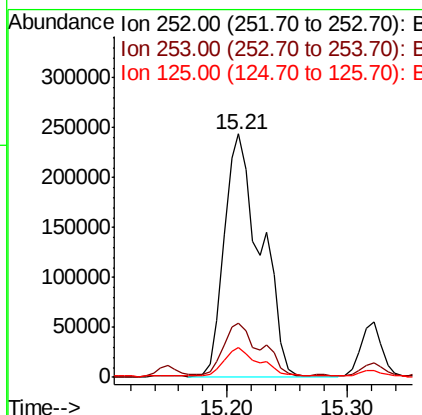
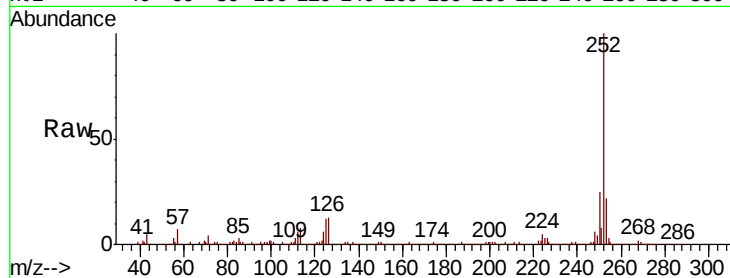




#89
Benzo(k)fluoranthene
Concen: 55.740 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

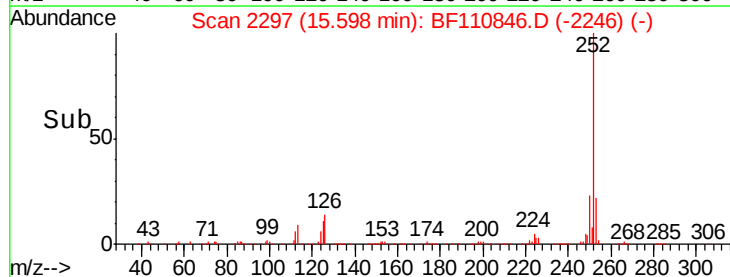
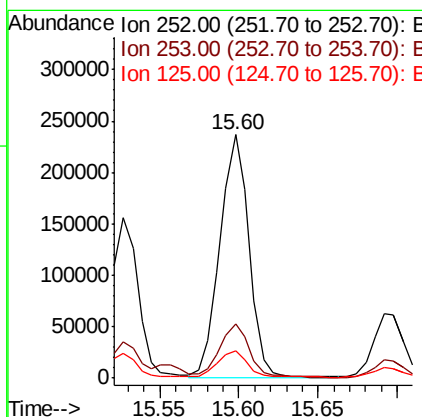
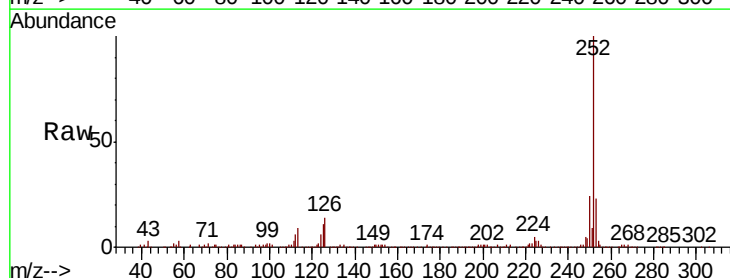
Instrument :
BNA_F
ClientSampleId :

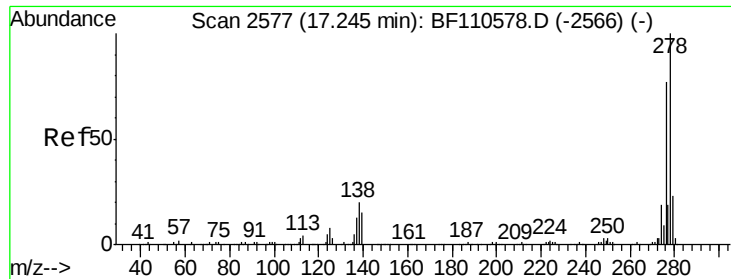
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	12.2	7.4	11.0



#90
Benzo(a)pyrene
Concen: 35.745 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.3	9.0	13.6

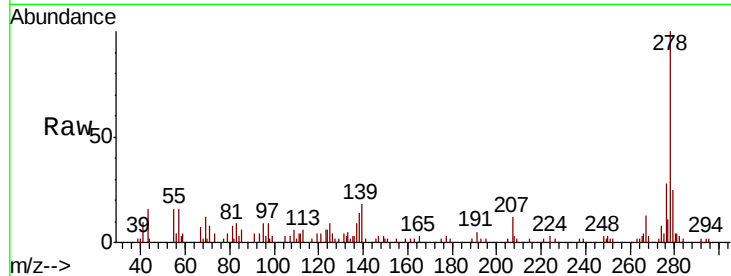




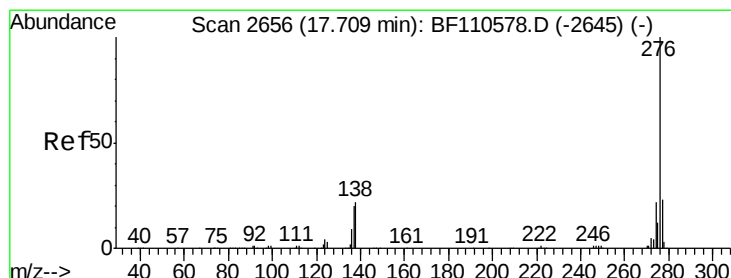
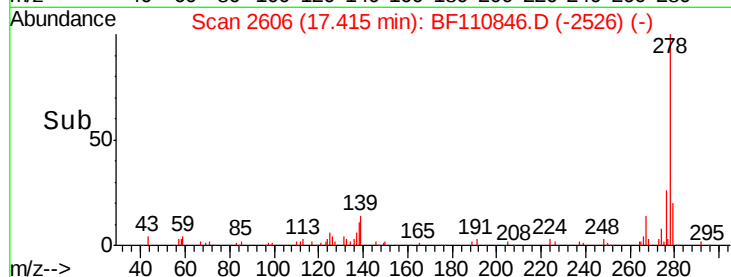
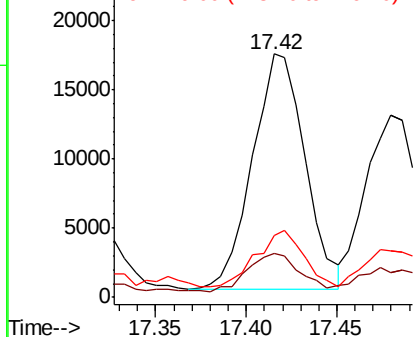
#91
Dibenzo(a,h)anthracene
Concen: 4.844 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.17 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 34265
Ion Ratio Lower Upper
278 100
139 18.0 12.7 19.1
279 25.4 19.0 28.4

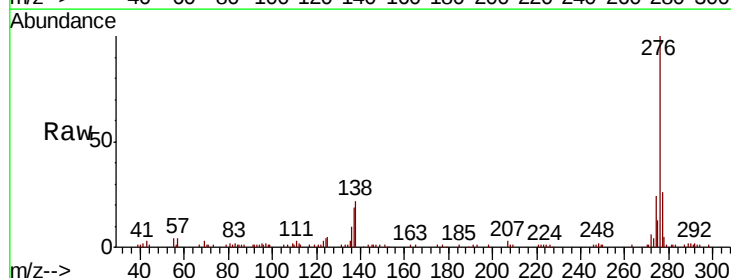


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 20.169 ng
RT: 17.72 min Scan# 2658
Delta R.T. 0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:276 Resp: 141552
Ion Ratio Lower Upper
276 100
277 25.6 18.8 28.2
138 21.7 16.0 24.0



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

