

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109910.D
 Acq On : 16 Oct 2018 17:27
 Operator : JU/SJ
 Sample : J5516-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 03:51:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	224155	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	791663	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	303143	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	484928	20.00	ng	0.00
76) Chrysene-d12	14.16	240	543590	20.00	ng	0.00
87) Perylene-d12	15.69	264	560607	20.00	ng	0.00

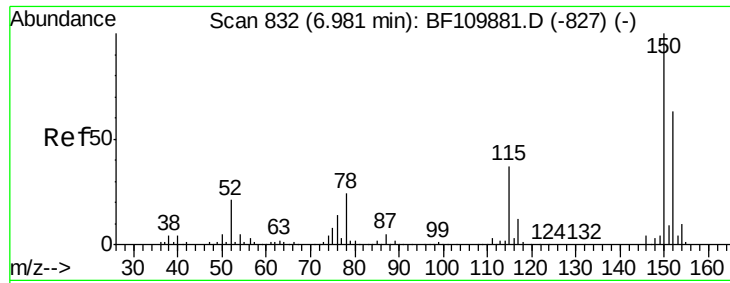
System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1191120	84.23	ng	0.00
7) Phenol-d6	6.60	99	1445152	82.30	ng	0.00
23) Nitrobenzene-d5	7.54	82	853358	72.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	223872	85.30	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1396144	73.49	ng	0.00
79) Terphenyl-d14	13.10	244	1263315	48.80	ng	0.00

Target Compounds

						Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	110753	9.823	ng	# 82
25) Isophorone	7.54	82	853348	36.955	ng	# 67
31) Naphthalene	8.29	128	131558	3.624	ng	99
35) Caprolactam	8.97	113	18853	4.920	ng	# 1
37) 2-Methylnaphthalene	8.97	142	955572	40.650	ng	98
38) 1-Methylnaphthalene	9.07	142	532793	23.390	ng	98
46) 1,1'-Biphenyl	9.44	154	370853	13.731	ng	98
49) Acenaphthylene	9.88	152	111421	3.855	ng	# 93
50) Dimethylphthalate	9.73	163	137715	6.416	ng	99
52) Acenaphthene	10.06	154	876024	47.609	ng	99
54) 2,4-Dinitrophenol	9.99	184	174	9.028	ng	# 1
55) Dibenzofuran	10.23	168	1085530	41.367	ng	97
56) 4-Nitrophenol	10.23	139	410993	108.609	ng	# 7
57) 2,4-Dinitrotoluene	10.22	165	2811	5.077	ng	# 1
58) Fluorene	10.57	166	956524	50.073	ng	99
62) 4-Nitroaniline	10.57	138	10746	2.289	ng	# 22
65) 4,6-Dinitro-2-methylphenol	10.81	198	556	8.169	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	14804	2.817	ng	# 1
71) Phenanthrene	11.54	178	2871297	114.371	ng	95
72) Anthracene	11.59	178	562085	22.270	ng	99
73) Carbazole	11.74	167	115425	4.653	ng	99
75) Fluoranthene	12.73	202	2143153	85.454	ng	96
78) Pyrene	12.96	202	1793132	44.912	ng	99
81) Benzo(a)anthracene	14.15	228	777249	24.275	ng	95
83) Chrysene	14.15	228	777249	25.503	ng	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	280138	11.416	ng	97
88) Benzo(b)fluoranthene	15.24	252	1541275	47.688	ng	# 95
89) Benzo(k)fluoranthene	15.24	252	1541275	48.382	ng	# 94
90) Benzo(a)pyrene	15.63	252	695550	23.399	ng	99
91) Dibenzo(a,h)anthracene	17.26	278	68624	2.605	ng	# 91
92) Benzo(g,h,i)perylene	17.72	276	228386	8.581	ng	# 94

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

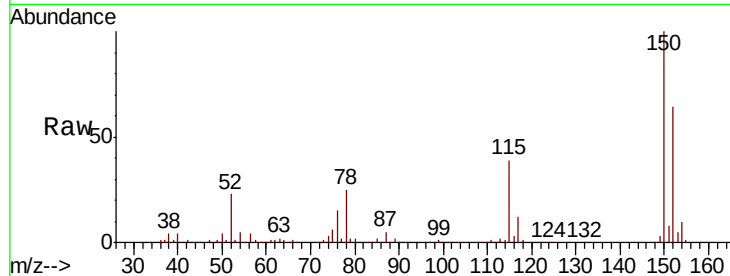


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	61.3	49.1	73.7

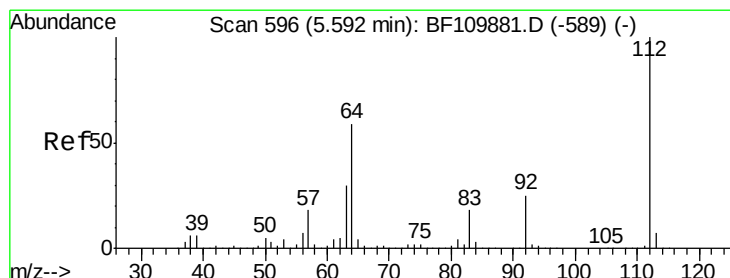
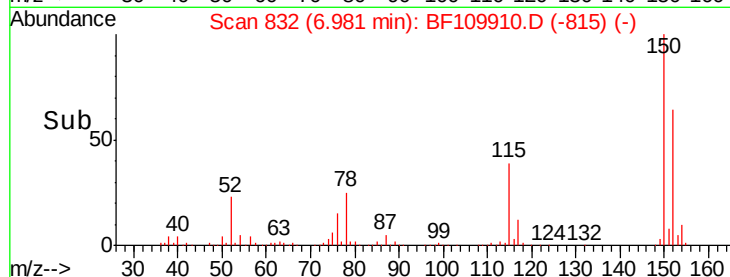
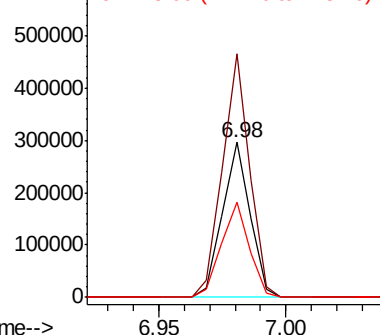


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

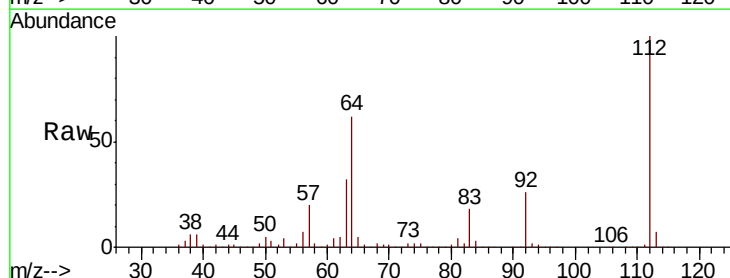
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 84.231 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	44.1	66.1
63	32.4	23.7	35.5

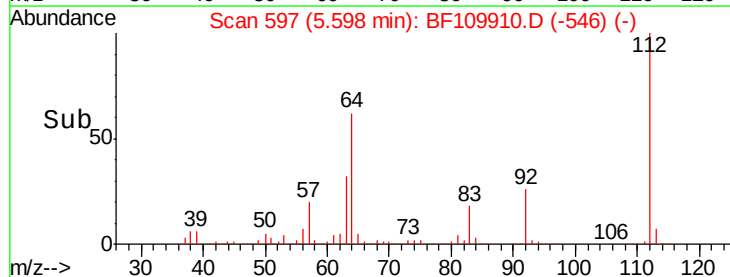
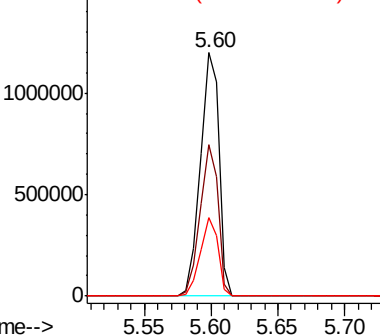


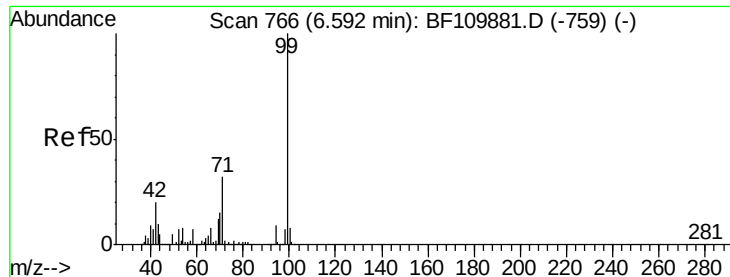
Abundance

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: 82.300 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109910.D

Acq: 16 Oct 2018 17:27

Instrument :

BNA_F

ClientSampleId :

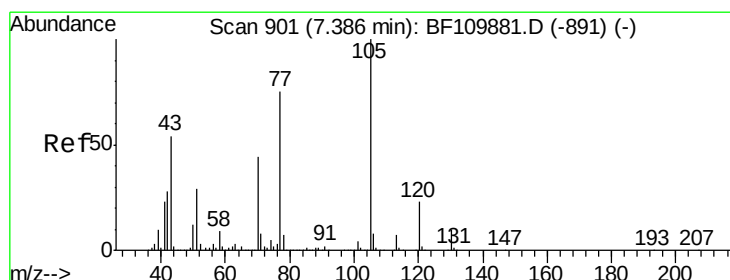
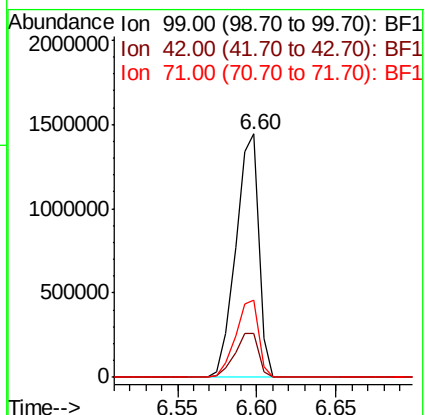
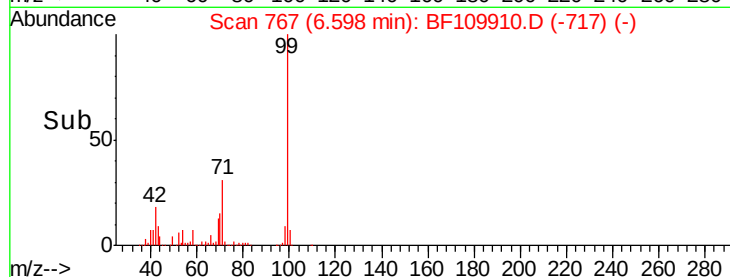
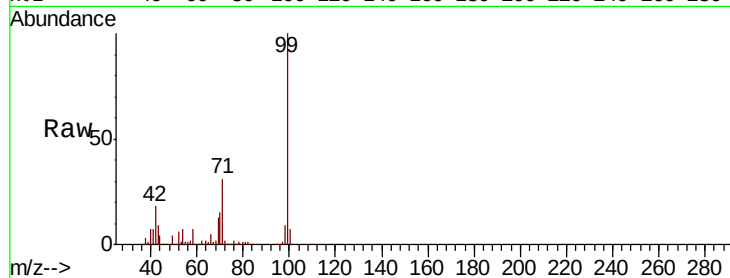
Tot Ion: 99 Resp: 1445152

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

71 31.5 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.823 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF109910.D

Acq: 16 Oct 2018 17:27

Tgt Ion: 70 Resp: 110753

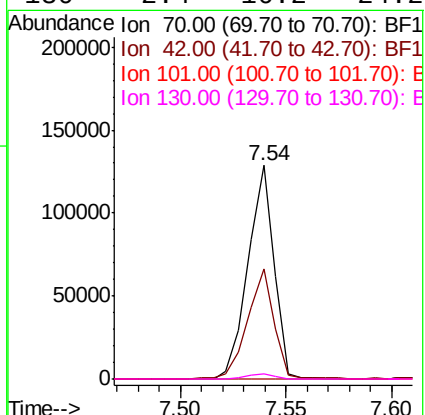
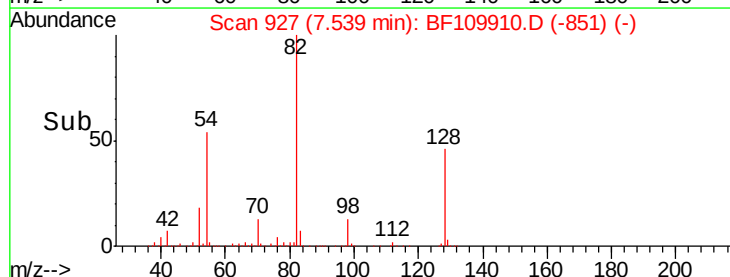
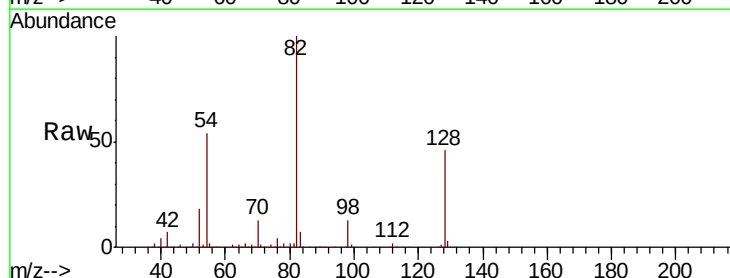
Ion Ratio Lower Upper

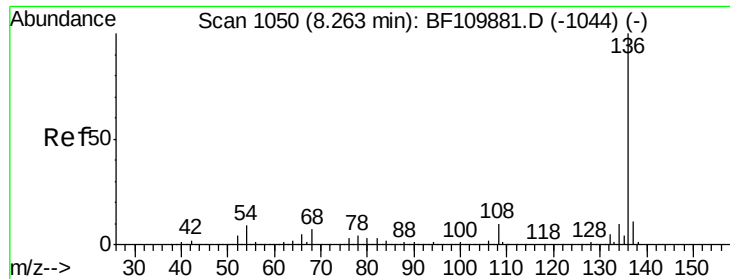
70 100

42 51.4 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

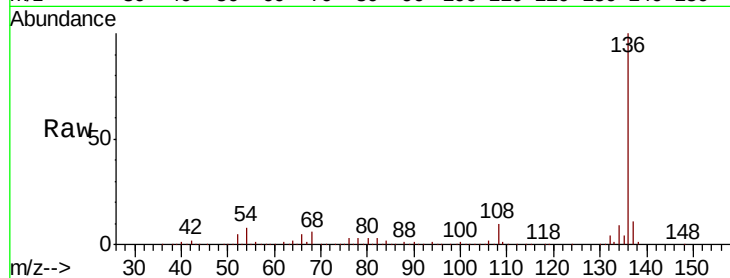




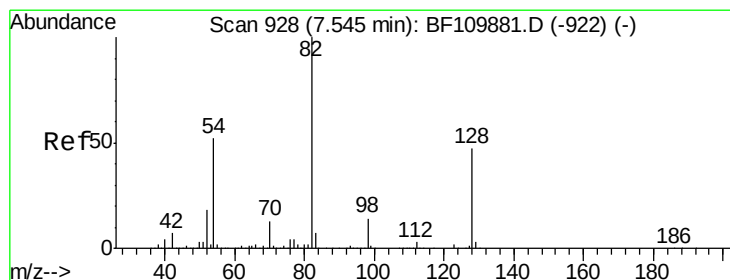
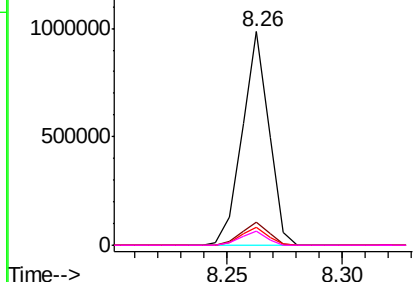
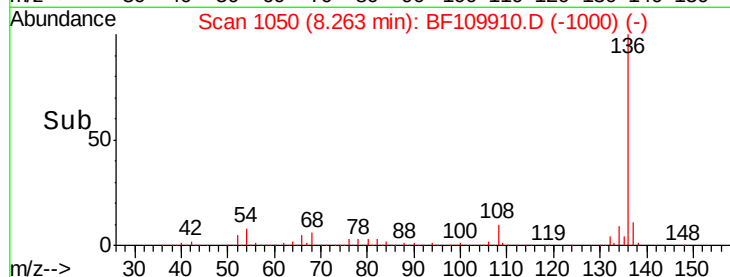
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	791663
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	8.5	5.4 8.2#
68	6.5	4.2 6.2#

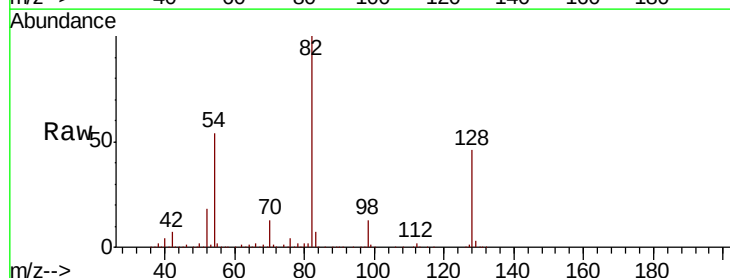


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

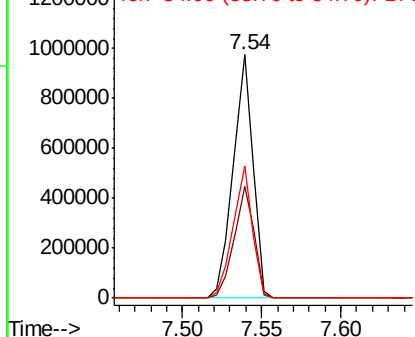
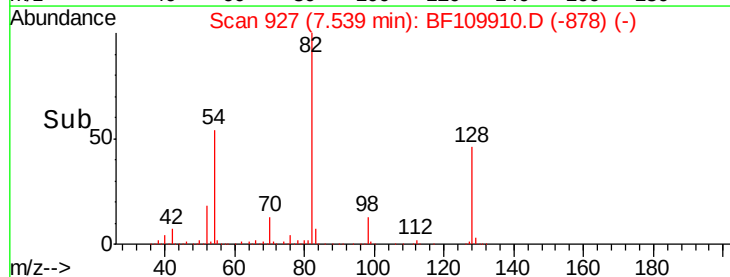


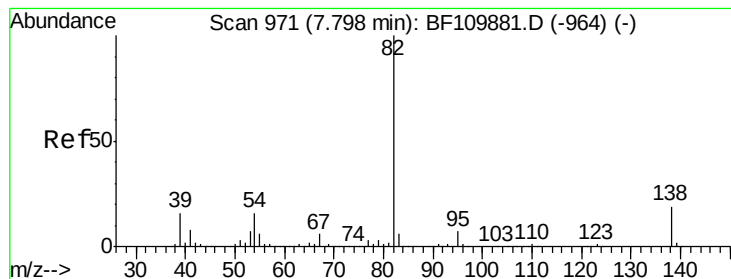
#23
Nitrobenzene-d5
Concen: 72.614 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Tgt Ion: 82	Resp:	853358
Ion Ratio	Lower	Upper
82	100	
128	45.8	34.2 51.2
54	54.3	38.6 58.0



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





#25

Isophorone

Concen: 36.955 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.26 min

Lab File: BF109910.D

Acq: 16 Oct 2018 17:27

Instrument :

BNA_F

ClientSampleId :

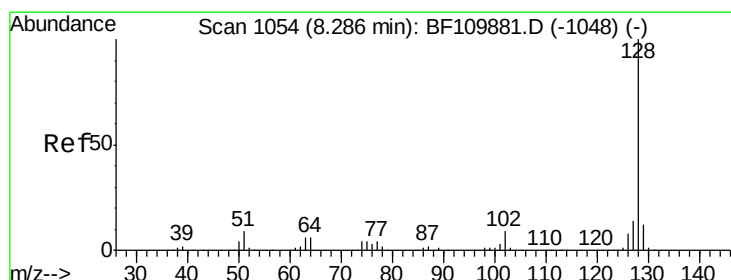
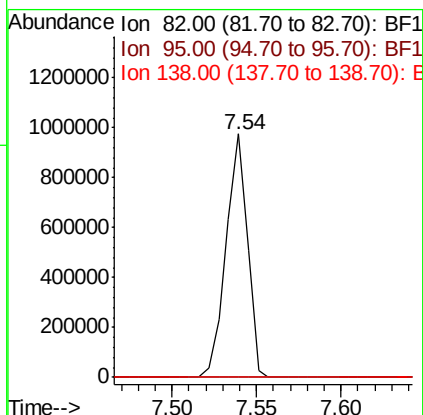
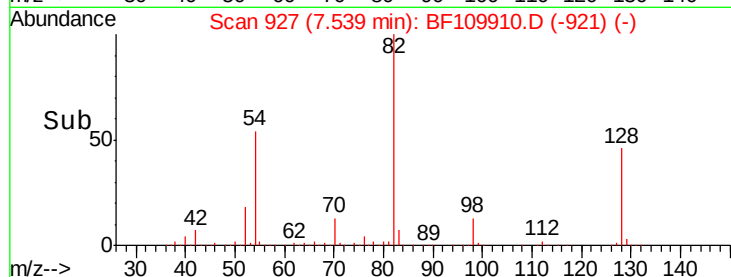
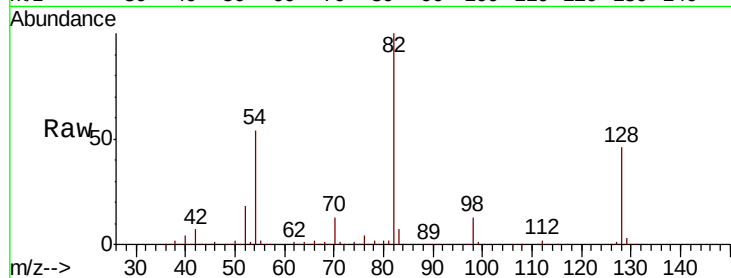
Tot Ion: 82 Resp: 853348

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



#31

Naphthalene

Concen: 3.624 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF109910.D

Acq: 16 Oct 2018 17:27

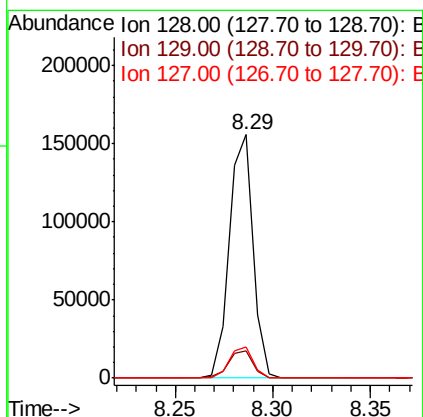
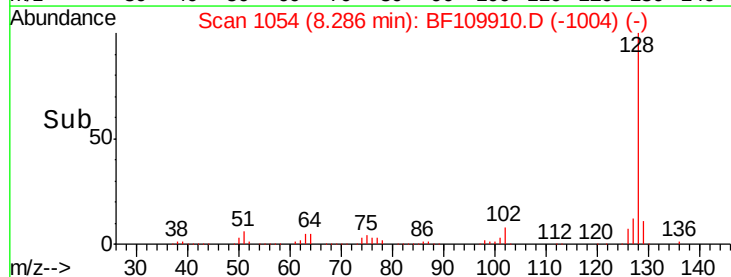
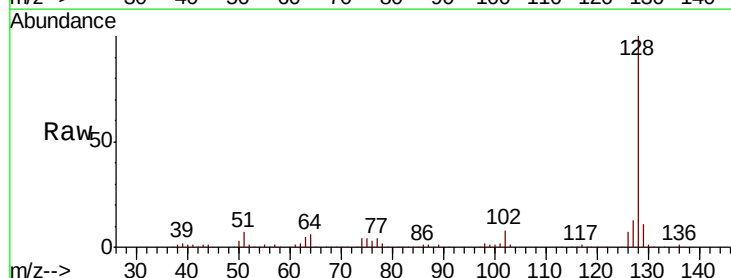
Tgt Ion: 128 Resp: 131558

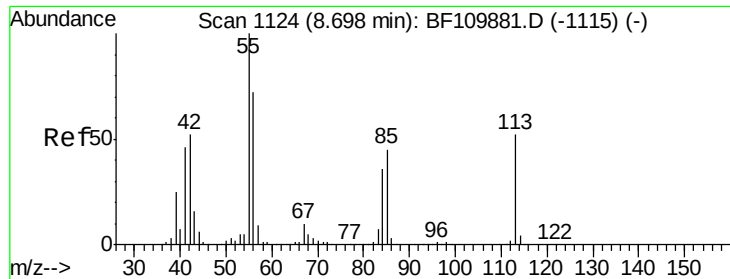
Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.0 10.8 16.2





#35

Caprolactam

Concen: 4.920 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.26 min

Lab File: BF109910.D

Acq: 16 Oct 2018 17:27

Instrument :

BNA_F

ClientSampled :

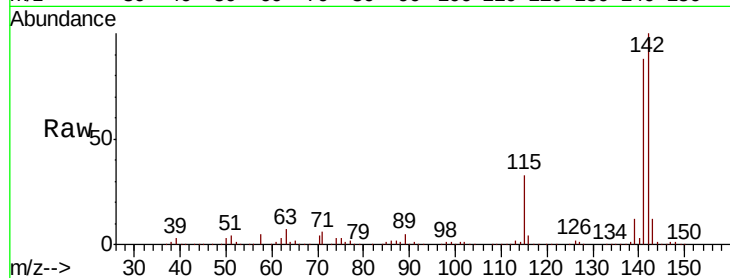
Tot Ion:113 Resp: 18853

Ion Ratio Lower Upper

113 100

55 12.5 142.8 182.8#

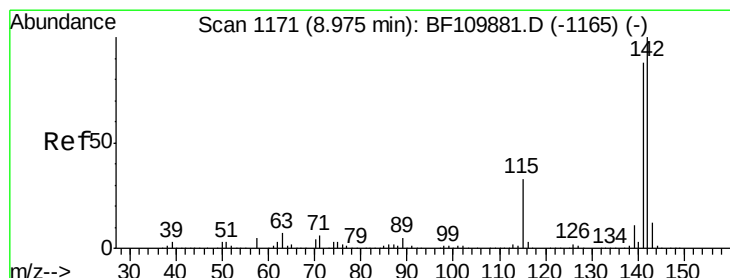
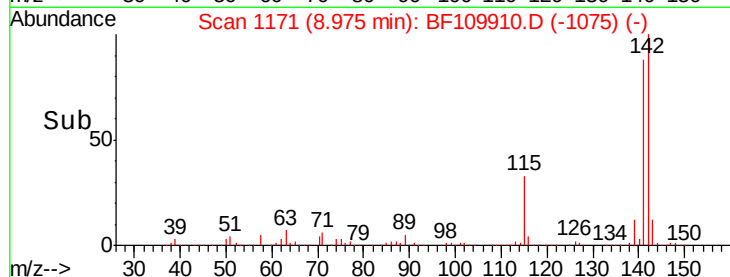
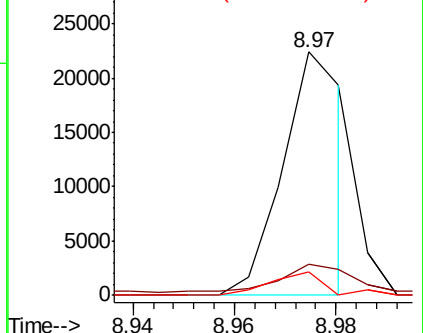
56 9.5 105.0 145.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#37

2-Methylnaphthalene

Concen: 40.650 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF109910.D

Acq: 16 Oct 2018 17:27

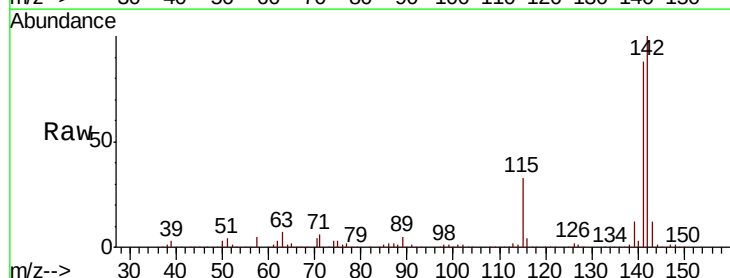
Tgt Ion:142 Resp: 955572

Ion Ratio Lower Upper

142 100

141 88.4 71.4 107.2

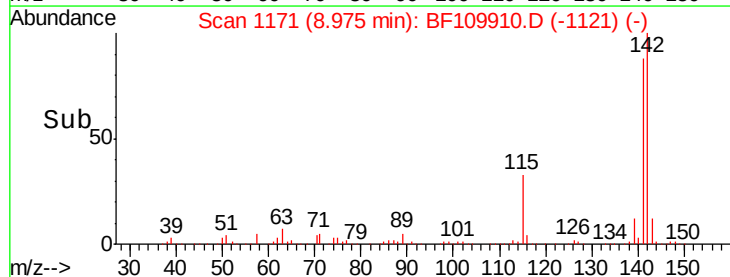
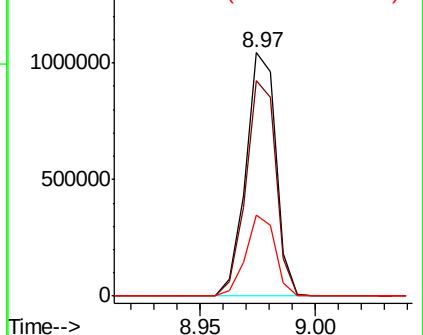
115 33.1 28.7 43.1

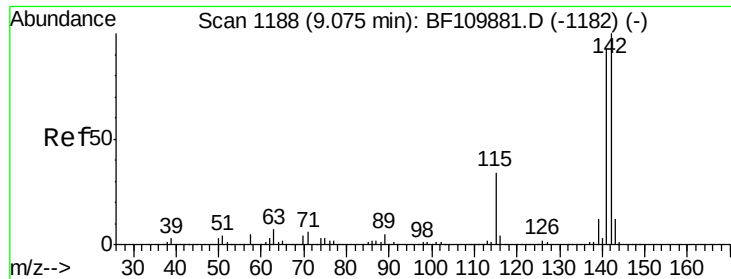


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

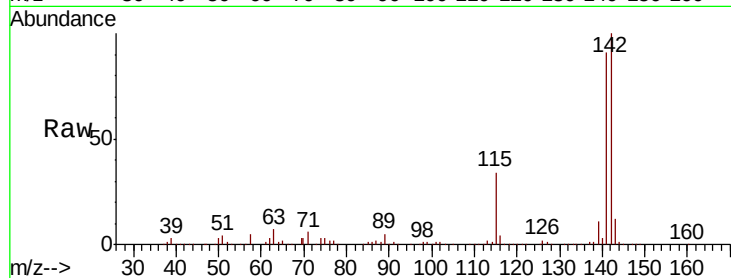




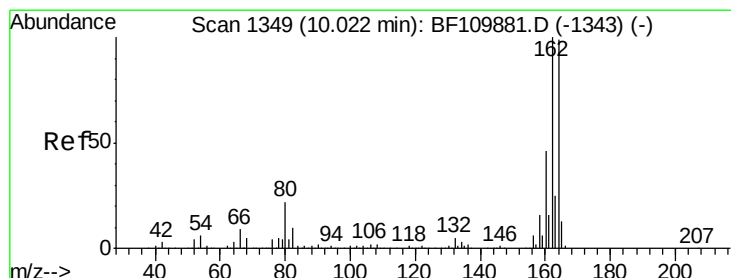
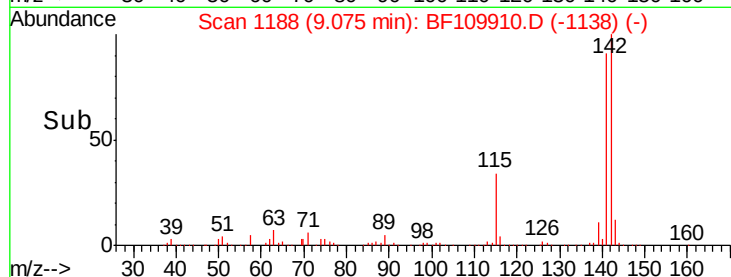
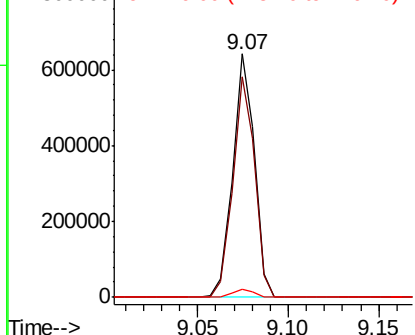
#38
1-Methylnaphthalene
Concen: 23.390 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 532793
Ion Ratio Lower Upper
142 100
141 90.6 74.2 111.4
116 3.6 2.6 4.0

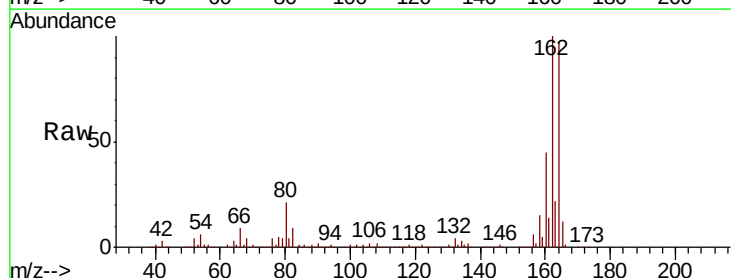


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

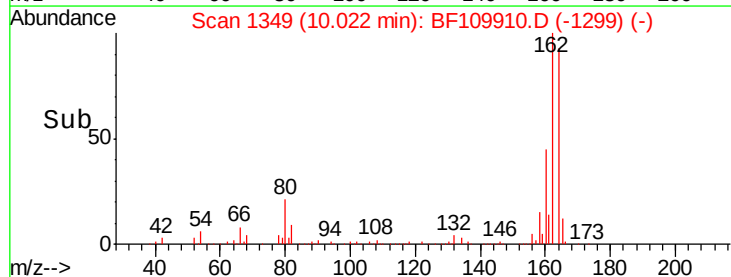
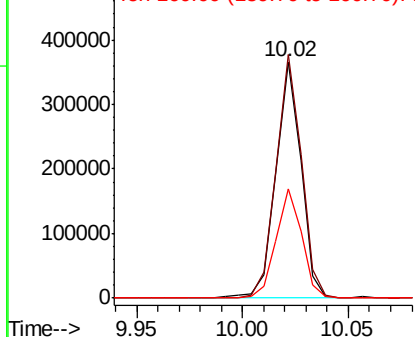


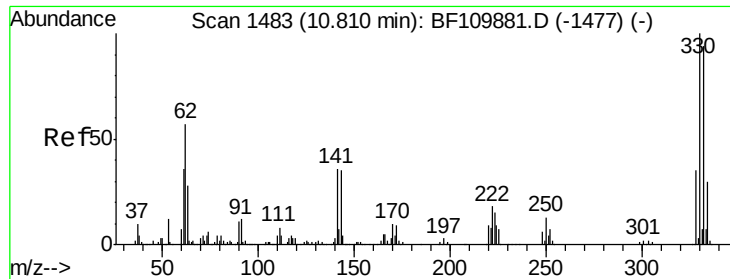
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Tgt Ion:164 Resp: 303143
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.6
160 46.4 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

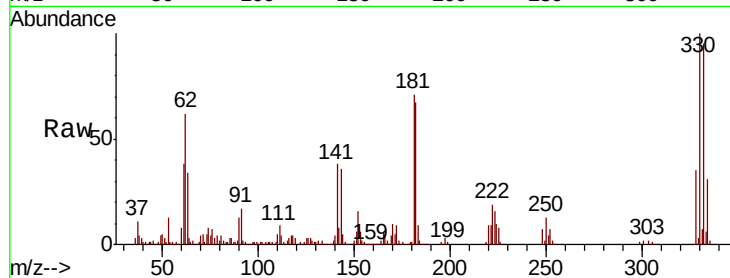




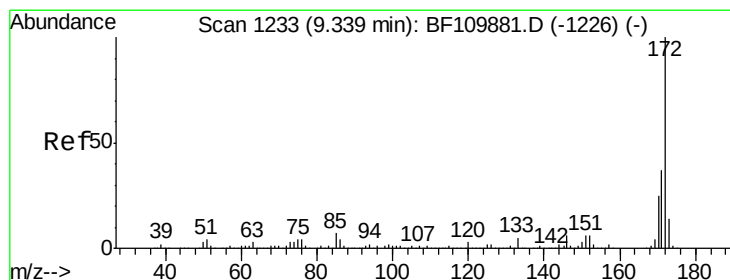
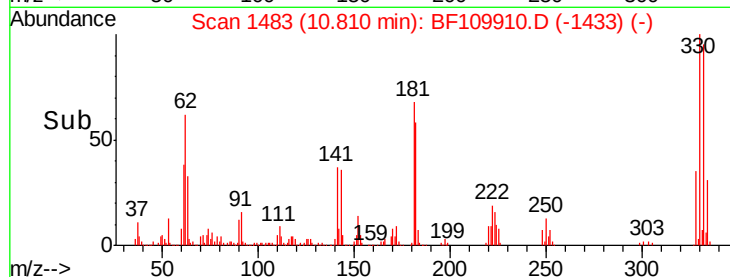
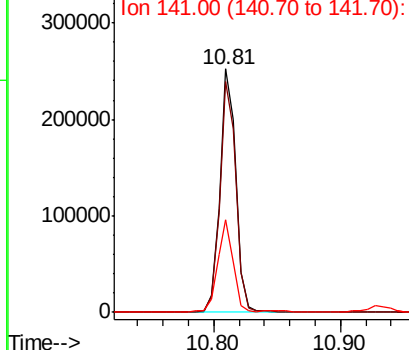
#42
 2,4,6-Tribromophenol
 Concen: 85.300 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109910.D
 Acq: 16 Oct 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 223872
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 36.8 27.0 40.4

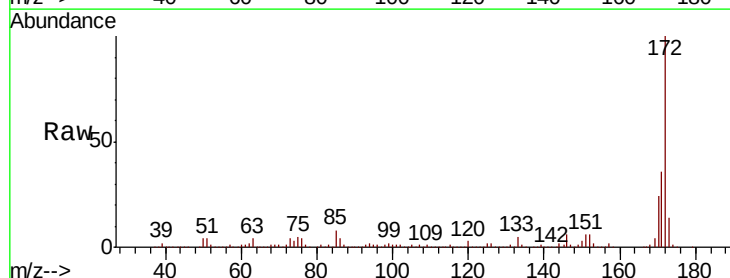


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

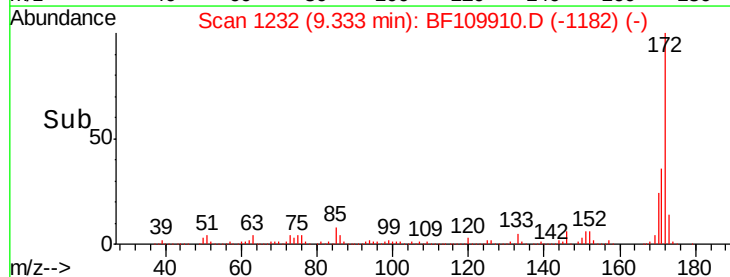
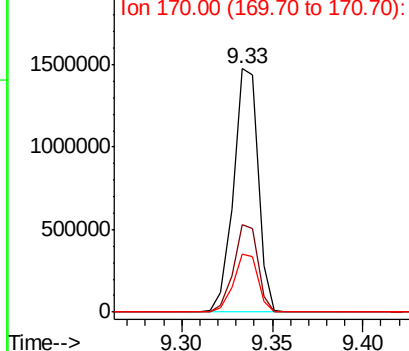


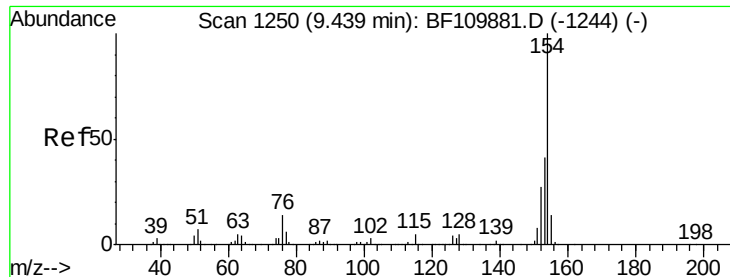
#45
 2-Fluorobiphenyl
 Concen: 73.489 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109910.D
 Acq: 16 Oct 2018 17:27

Tgt Ion:172 Resp: 1396144
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.0 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

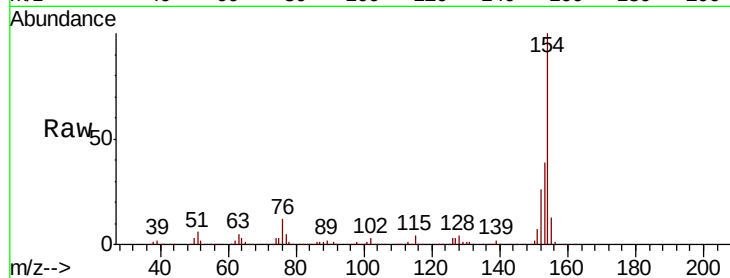




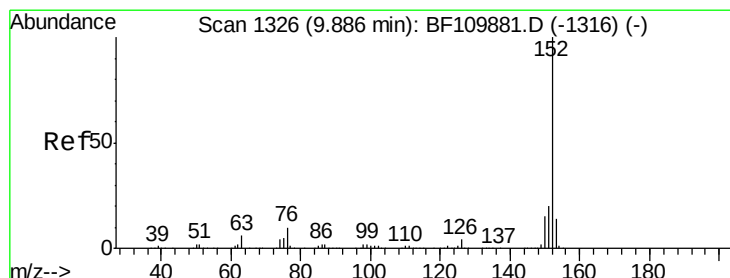
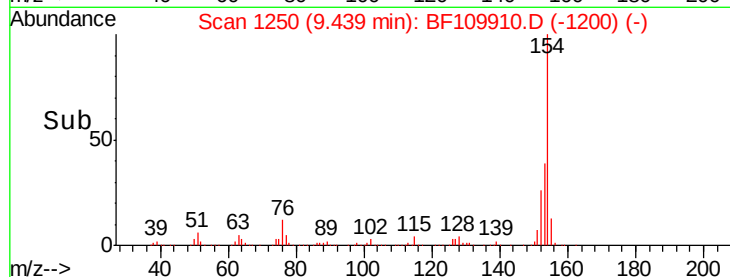
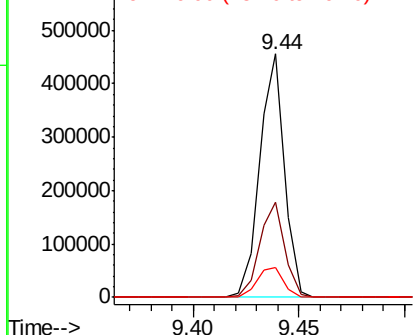
#46
 1,1'-Biphenyl
 Concen: 13.731 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BF109910.D
 Acq: 16 Oct 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	154	Resp:	370853
Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.4	60.4
76	12.1	0.0	31.9

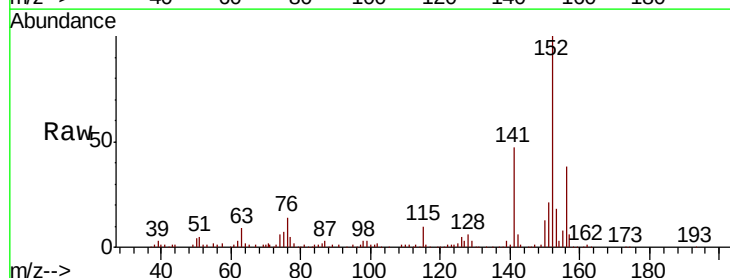


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

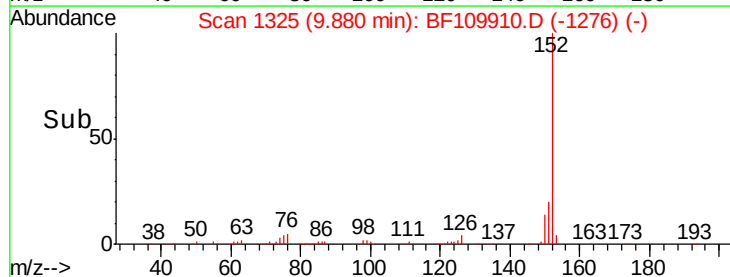
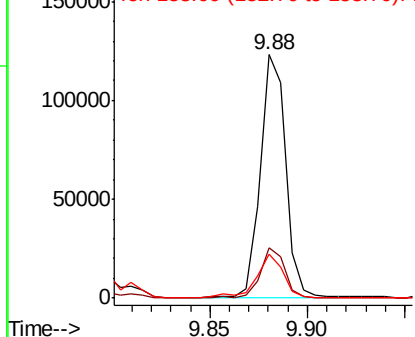


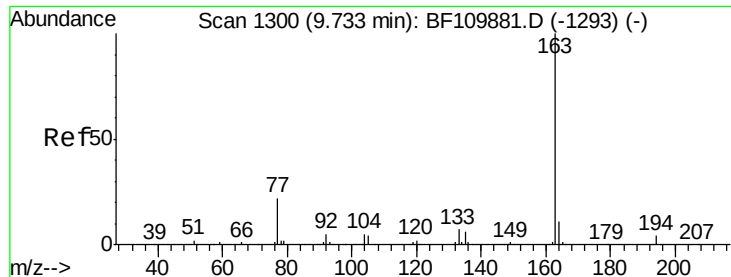
#49
 Acenaphthylene
 Concen: 3.855 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF109910.D
 Acq: 16 Oct 2018 17:27

Tgt Ion:	152	Resp:	111421
Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8
153	18.2	10.4	15.6#



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

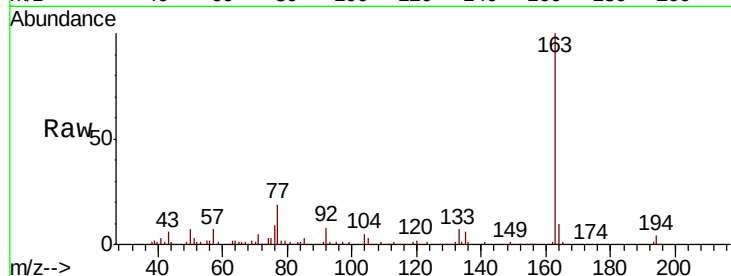




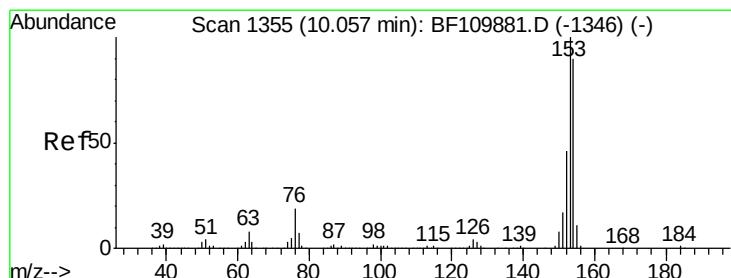
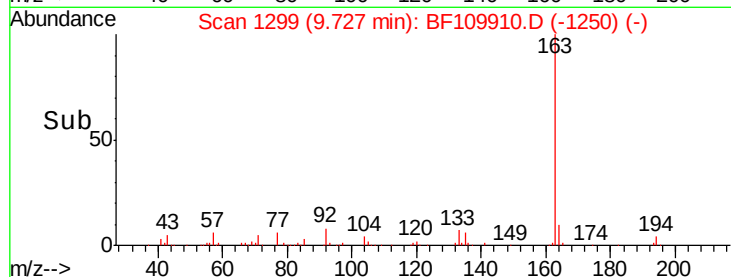
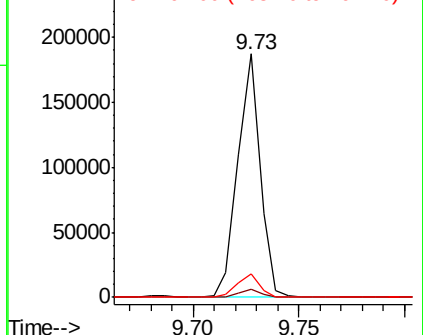
#50
Dimethylphthalate
Concen: 6.416 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.8	8.1	12.1

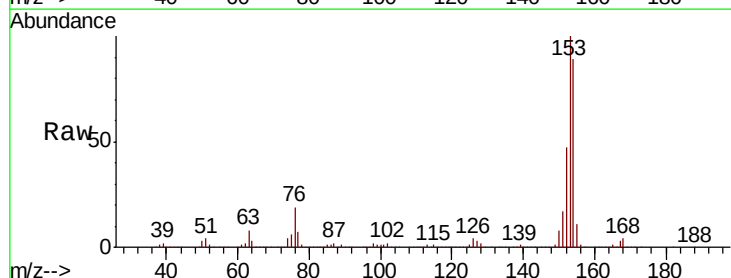


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

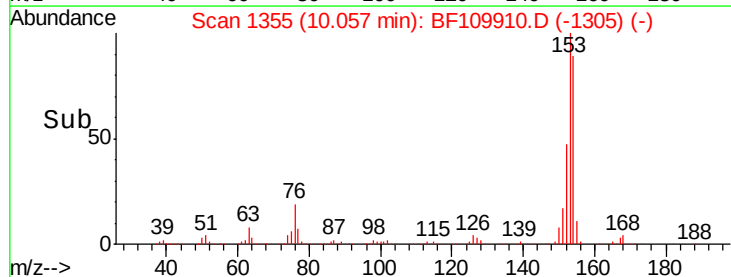
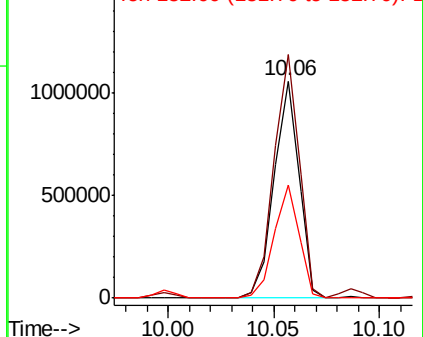


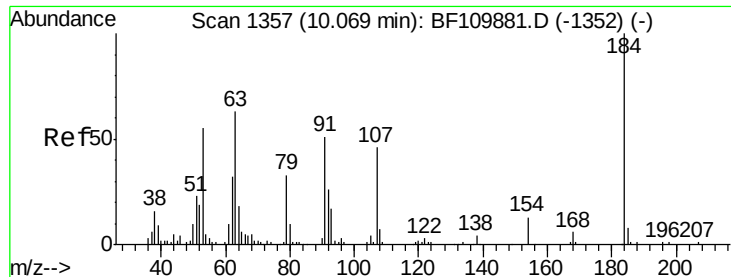
#52
Acenaphthene
Concen: 47.609 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.1	135.1
152	52.3	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

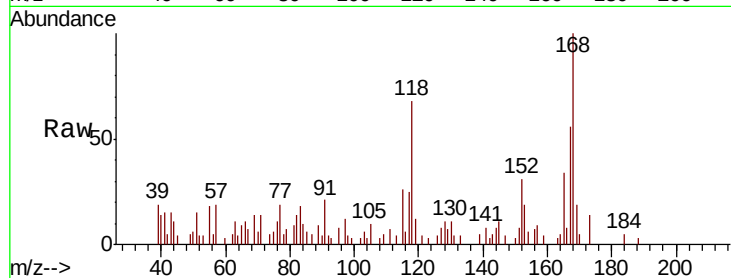




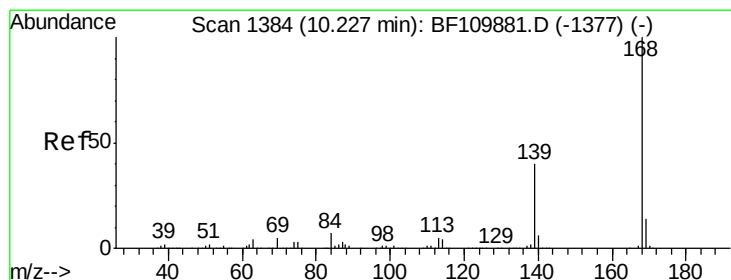
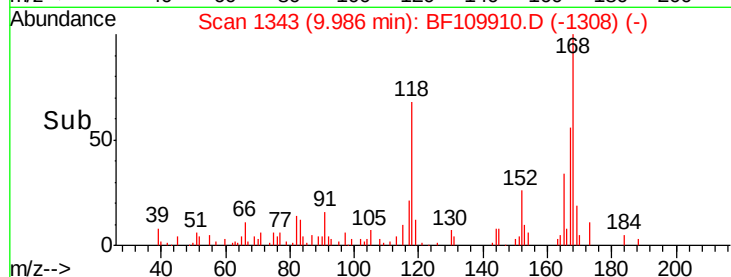
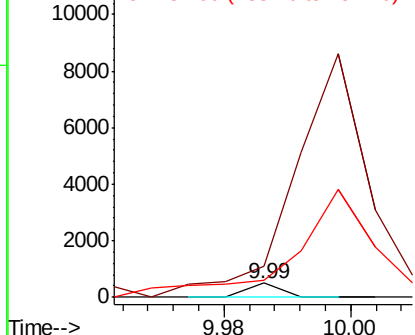
#54
2,4-Dinitrophenol
Concen: 9.028 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.09 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 174
Ion Ratio Lower Upper
184 100
63 221.7 55.8 83.6#
154 120.6 63.2 94.8#

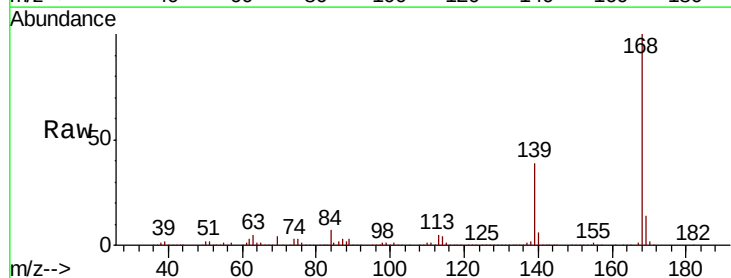


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

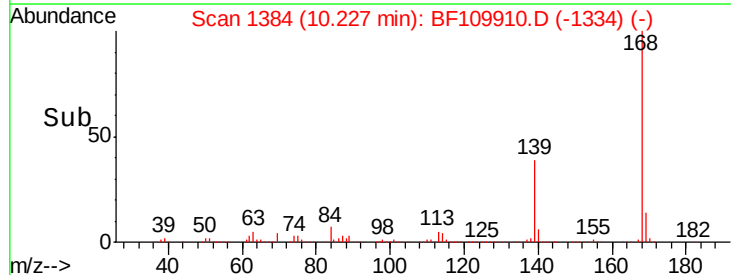
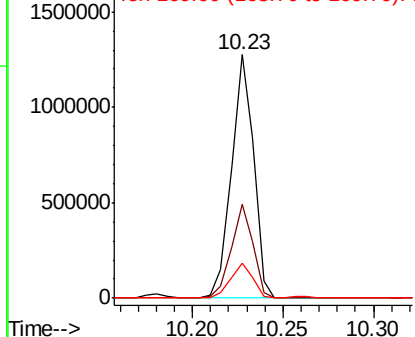


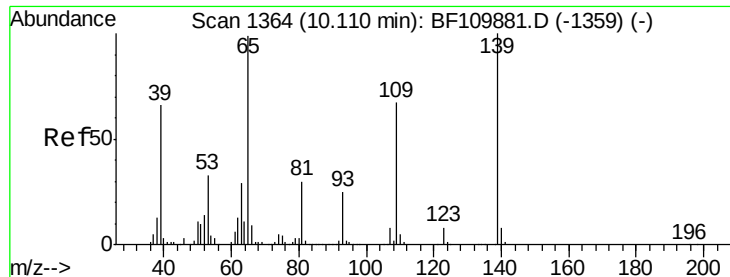
#55
Dibenzofuran
Concen: 41.367 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Tgt Ion:168 Resp: 1085530
Ion Ratio Lower Upper
168 100
139 38.7 33.0 49.6
169 14.3 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

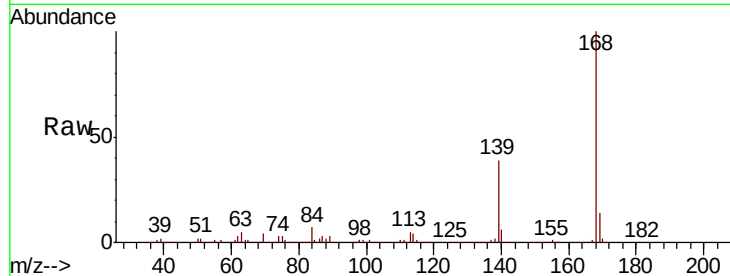




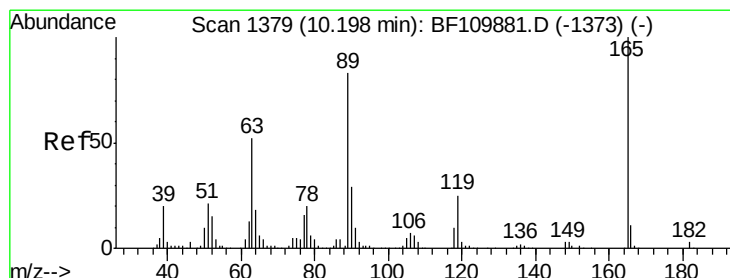
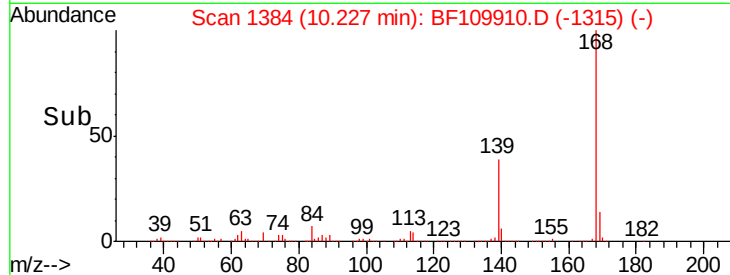
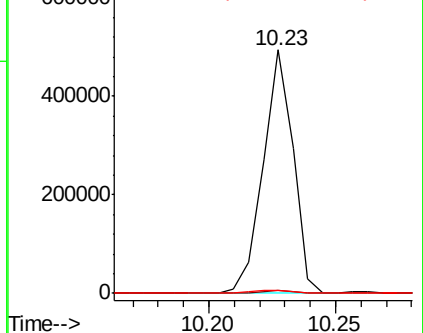
#56
4-Nitrophenol
Concen: 108.609 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.11 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 410993
Ion Ratio Lower Upper
139 100
109 1.0 55.8 95.8#
65 1.4 77.9 117.9#

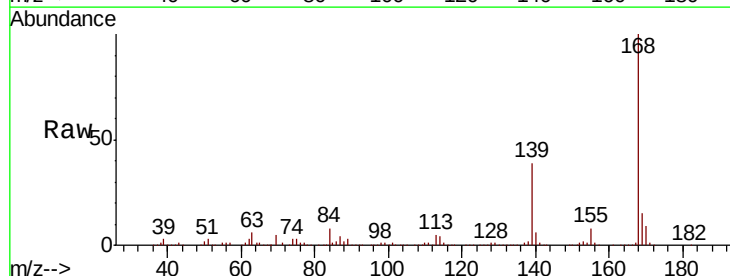


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

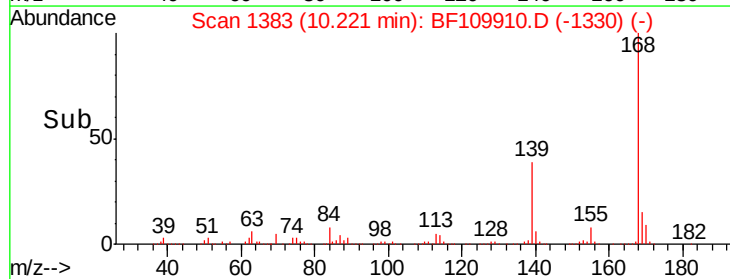
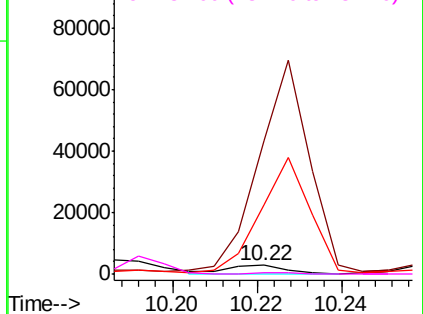


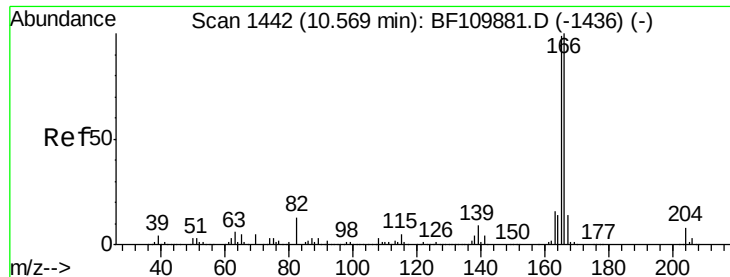
#57
2,4-Dinitrotoluene
Concen: 5.077 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Tgt Ion:165 Resp: 2811
Ion Ratio Lower Upper
165 100
63 1511.3 44.8 67.2#
89 780.1 62.2 93.4#
182 11.9 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

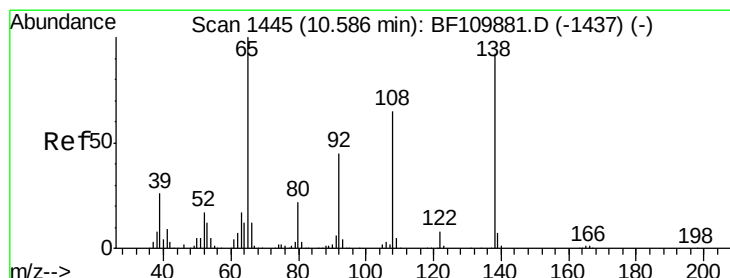
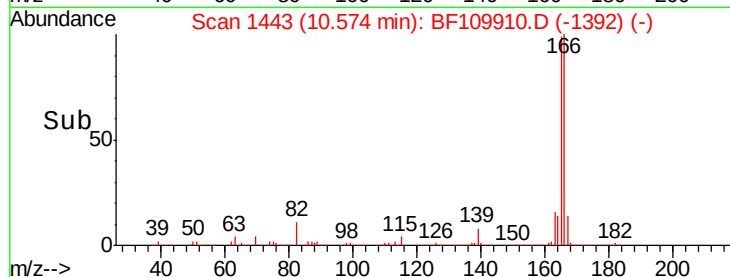
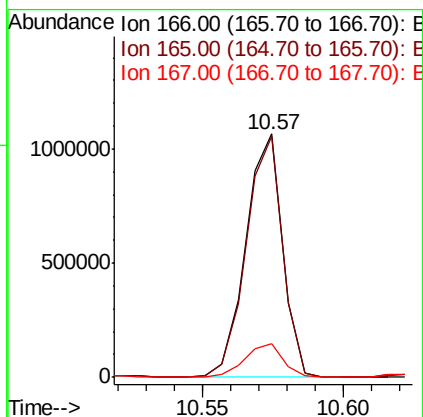
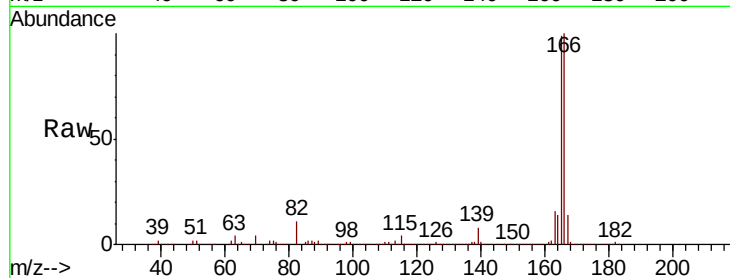




#58
 Fluorene
 Concen: 50.073 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF109910.D
 Acq: 16 Oct 2018 17:27

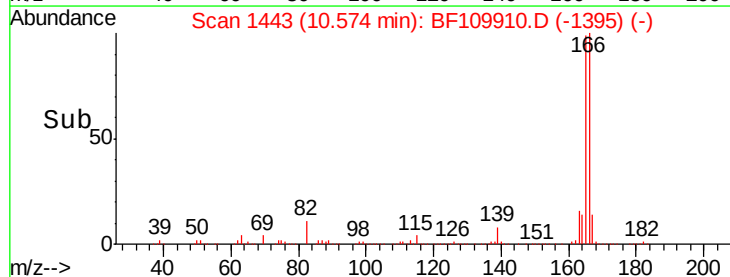
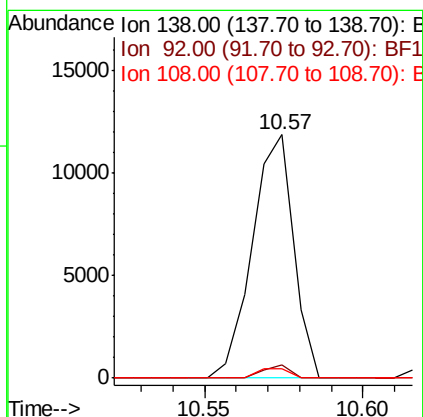
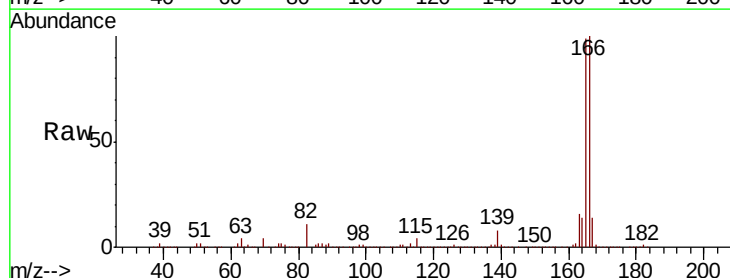
Instrument :
 BNA_F
 ClientSampleId :

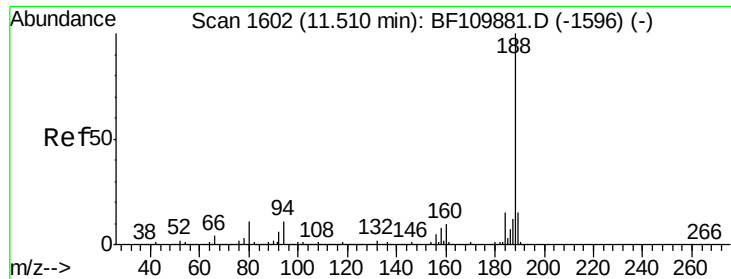
Tot Ion:166 Resp: 956524
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.6 117.8
 167 13.9 10.8 16.2



#62
 4-Nitroaniline
 Concen: 2.289 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF109910.D
 Acq: 16 Oct 2018 17:27

Tgt Ion:138 Resp: 10746
 Ion Ratio Lower Upper
 138 100
 92 5.4 31.7 71.7#
 108 3.6 59.3 99.3#

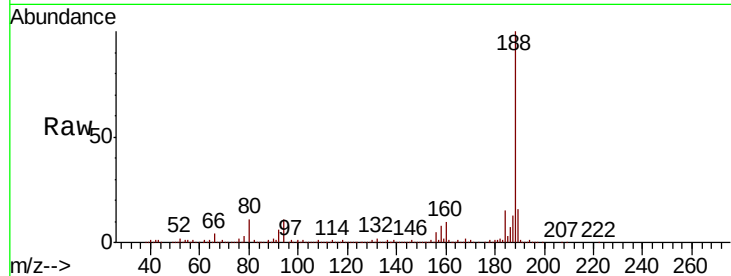




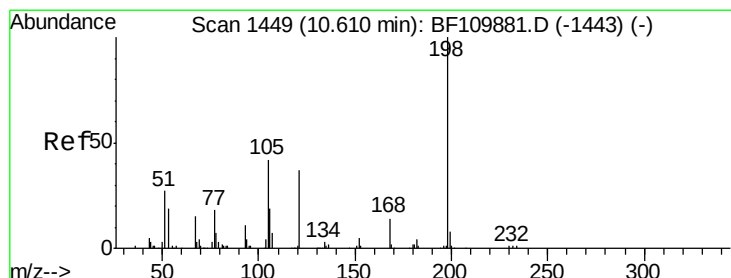
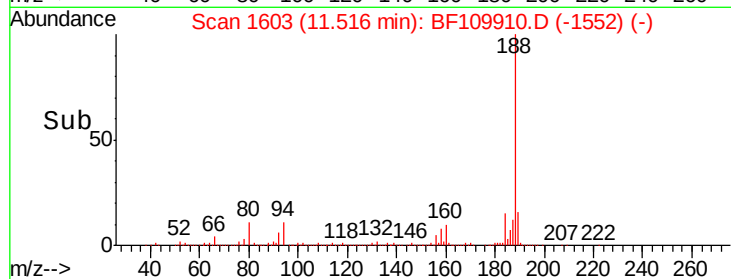
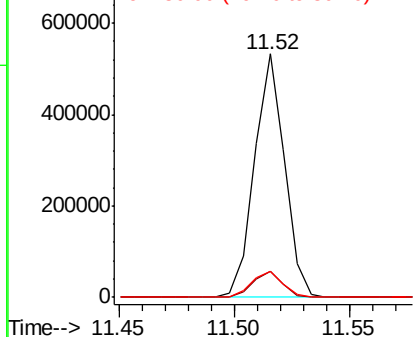
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BF109910.D
 Acq: 16 Oct 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 484928
 Ion Ratio Lower Upper
 188 100
 94 10.6 7.2 10.8
 80 10.7 7.9 11.9

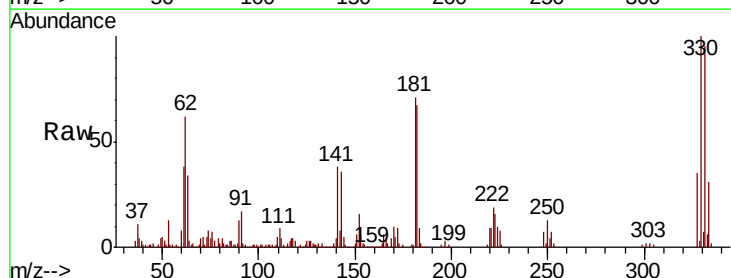


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

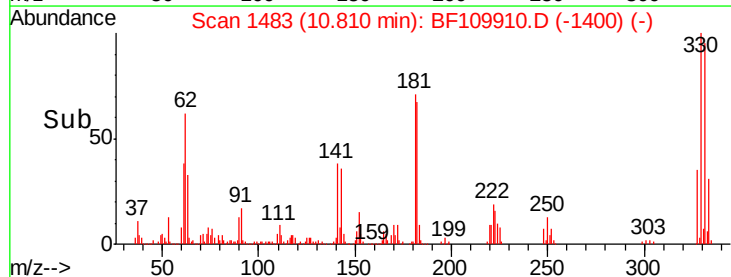
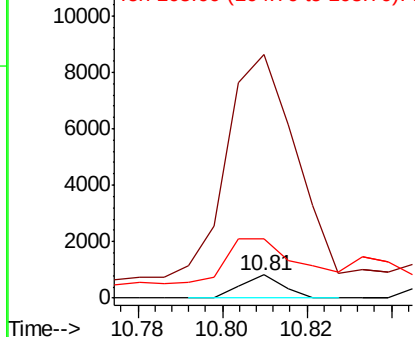


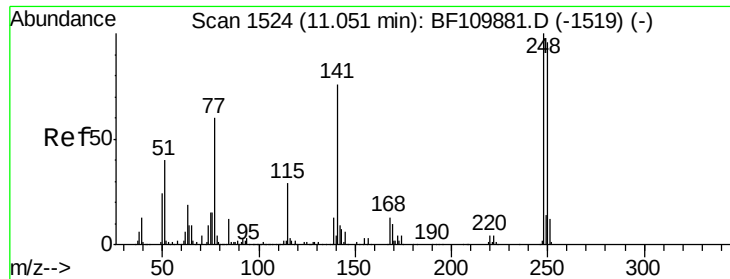
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.169 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.19 min
 Lab File: BF109910.D
 Acq: 16 Oct 2018 17:27

Tgt Ion:198 Resp: 556
 Ion Ratio Lower Upper
 198 100
 51 1043.2 22.8 62.8#
 105 252.4 23.6 63.6#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

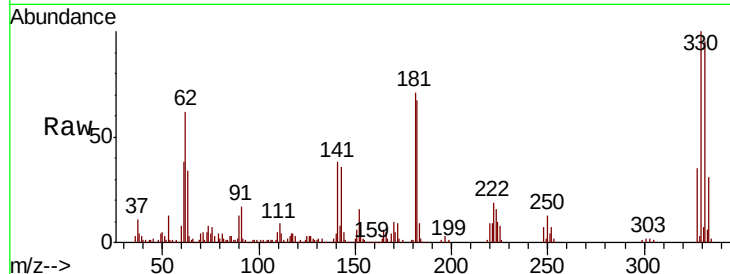




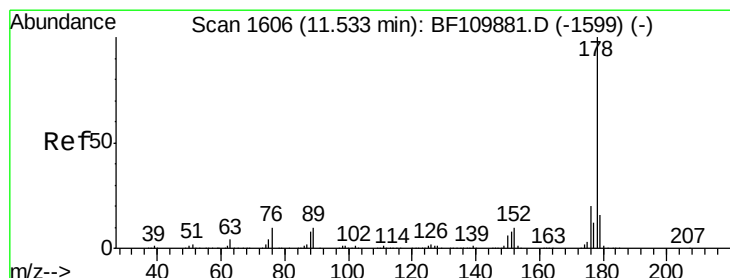
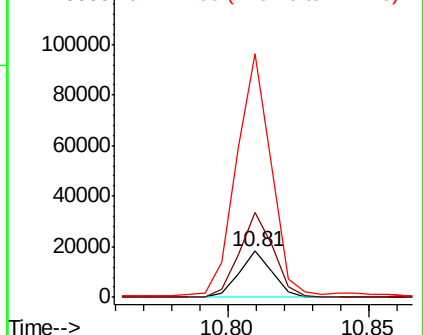
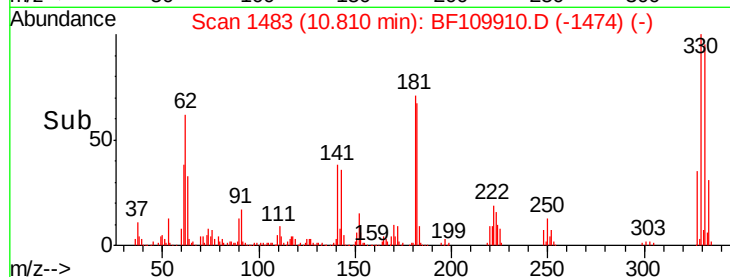
#67
 4-Bromophenyl-phenylether
 Concen: 2.817 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.25 min
 Lab File: BF109910.D
 Acq: 16 Oct 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14804
 Ion Ratio Lower Upper
 248 100
 250 182.9 79.4 119.2#
 141 528.0 55.9 83.9#

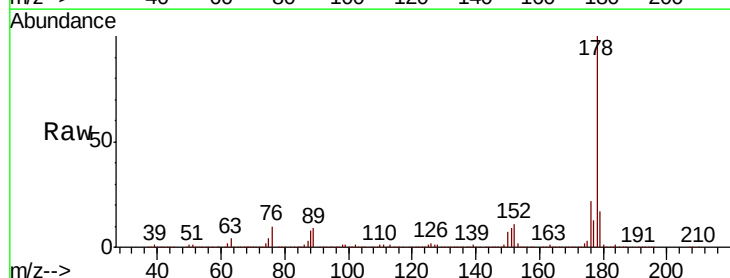


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

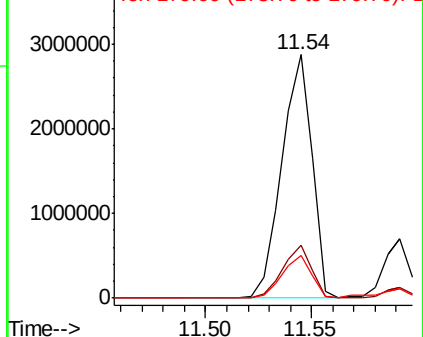
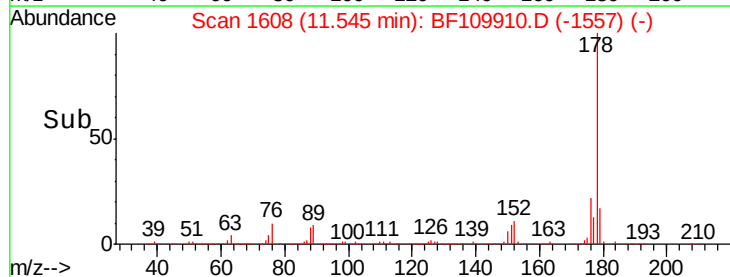


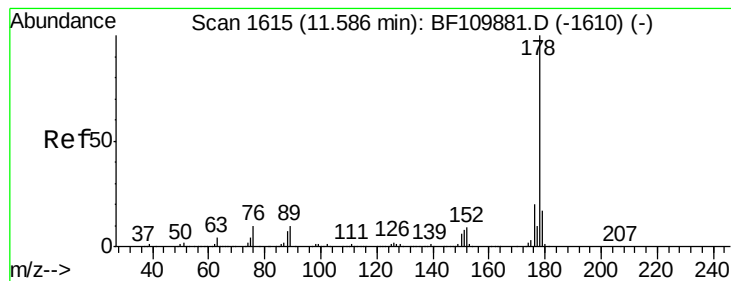
#71
 Phenanthrene
 Concen: 114.371 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF109910.D
 Acq: 16 Oct 2018 17:27

Tgt Ion:178 Resp: 2871297
 Ion Ratio Lower Upper
 178 100
 176 21.8 15.5 23.3
 179 17.3 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: 22.270 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF109910.D

Acq: 16 Oct 2018 17:27

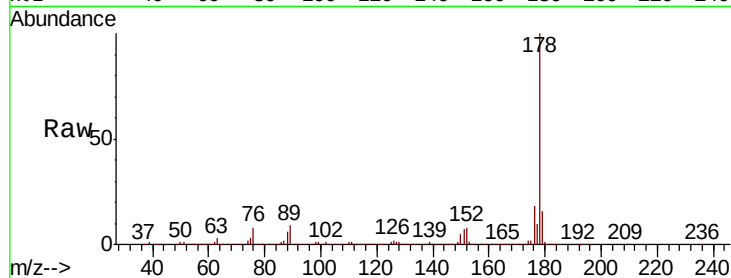
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 562085

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.6	12.6	18.8

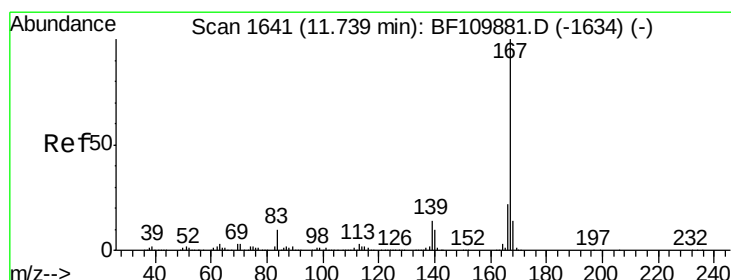
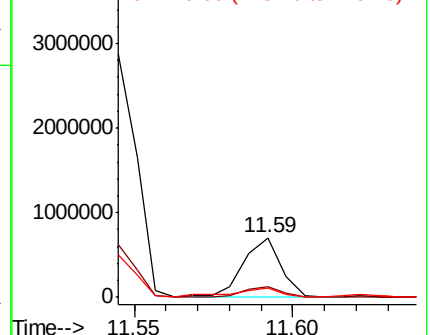
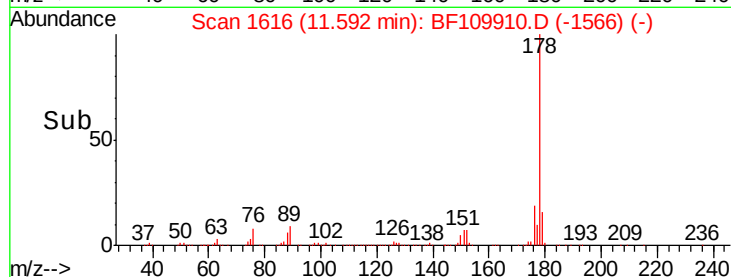


Abundance

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: 4.653 ng

RT: 11.74 min Scan# 1641

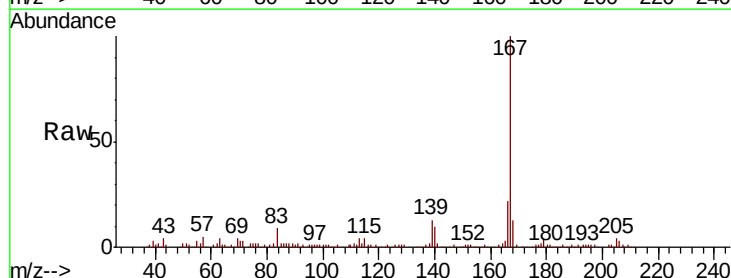
Delta R.T. -0.01 min

Lab File: BF109910.D

Acq: 16 Oct 2018 17:27

Tgt Ion:167 Resp: 115425

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.0	10.9	16.3

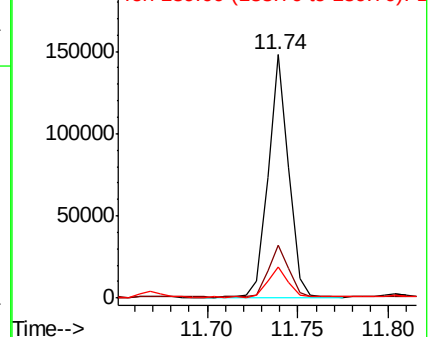
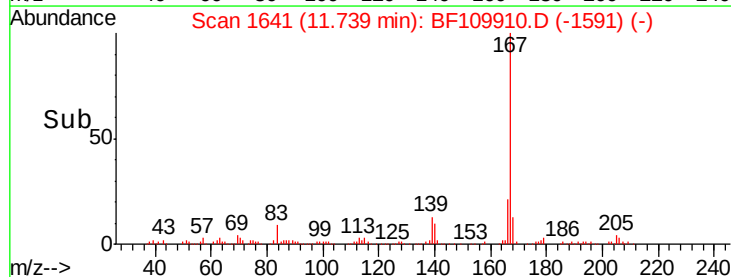


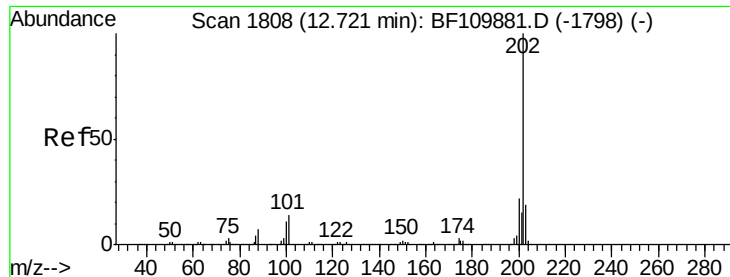
Abundance

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: 85.454 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF109910.D

Acq: 16 Oct 2018 17:27

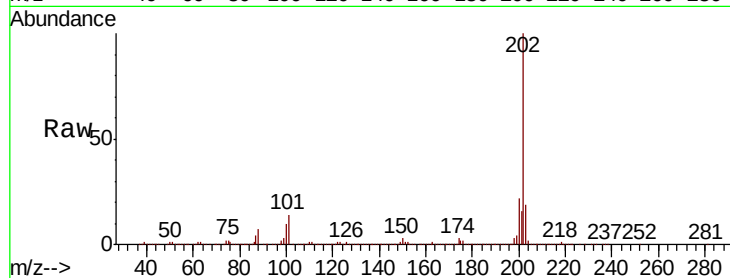
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 2143153

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	31.4
203	18.6	0.0	37.7

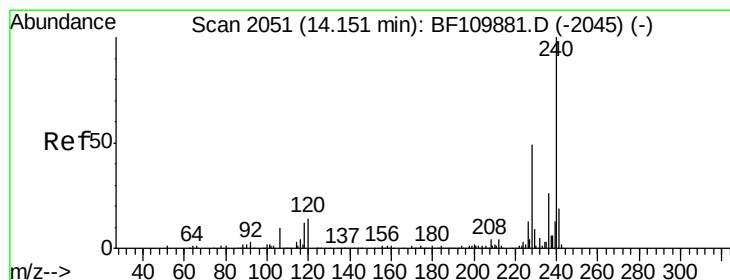
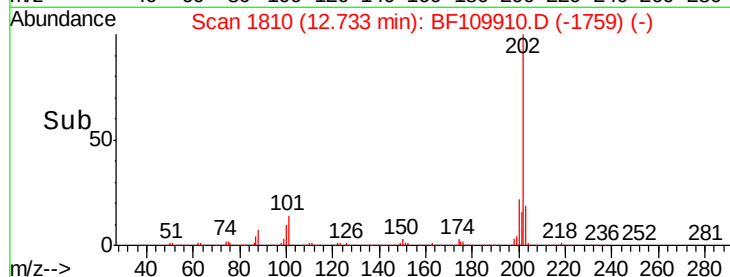
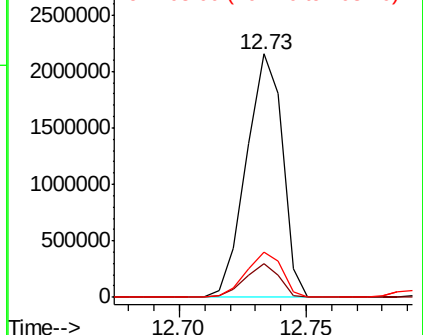


Abundance

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: 14.16 min Scan# 2053

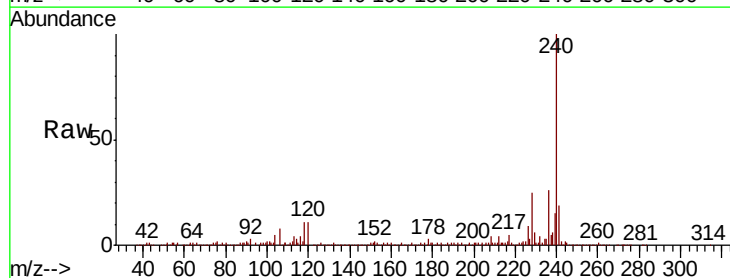
Delta R.T. -0.00 min

Lab File: BF109910.D

Acq: 16 Oct 2018 17:27

Tgt Ion:240 Resp: 543590

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.6	21.2	31.8

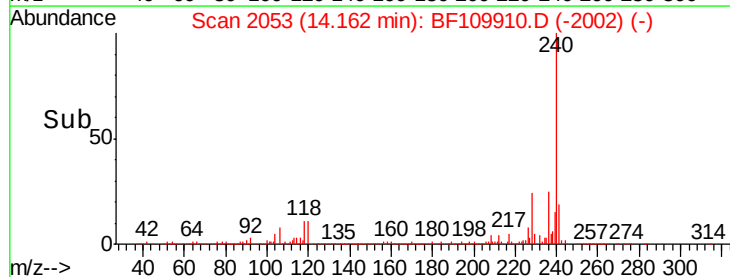
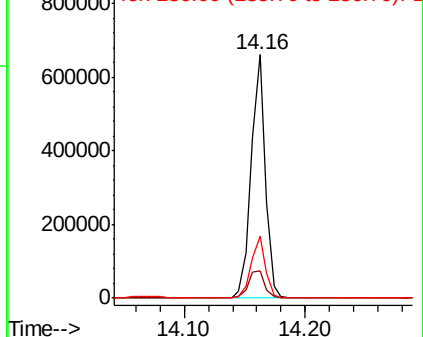


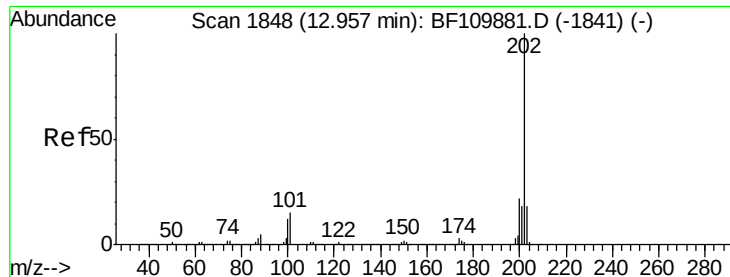
Abundance

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

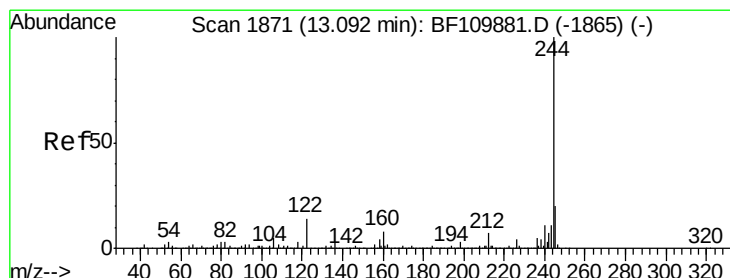
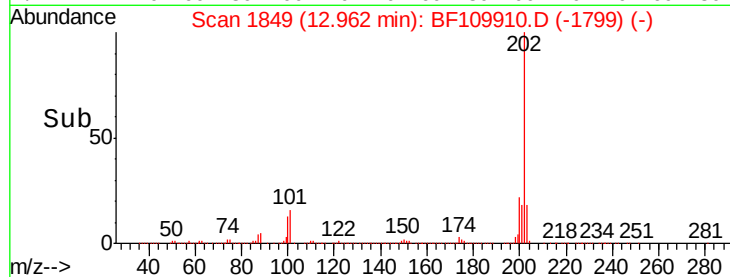
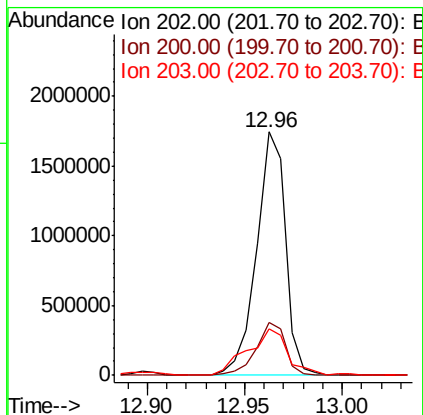
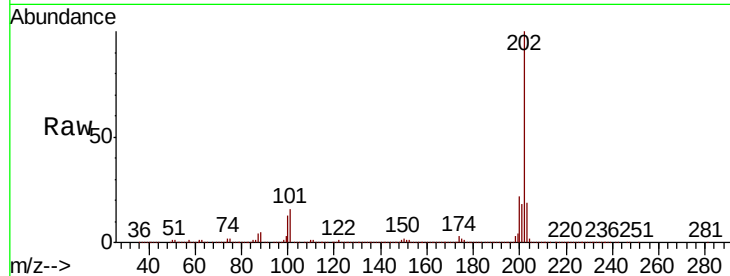




#78
Pvrene
Concen: 44.912 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

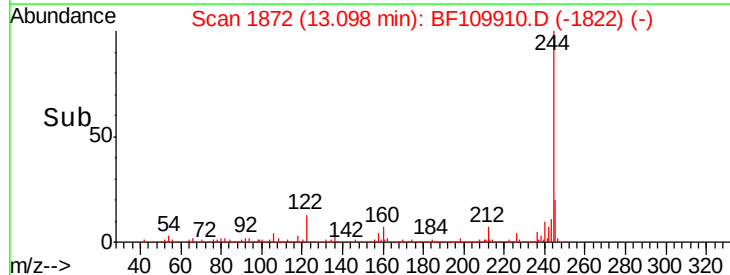
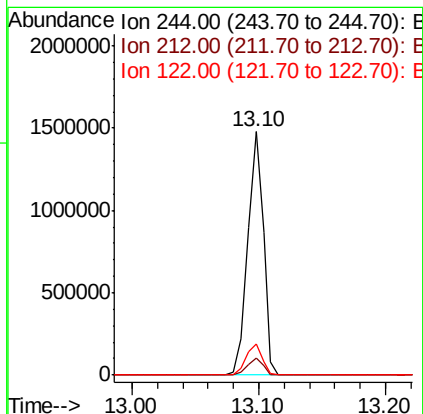
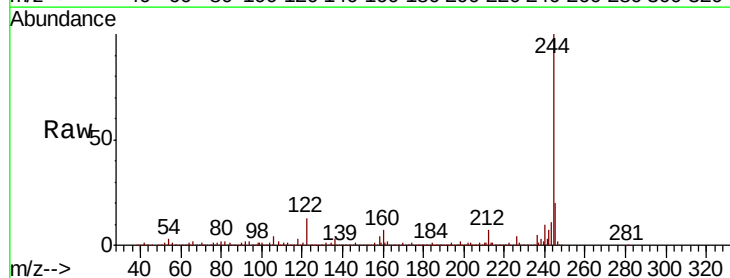
Instrument :
BNA_F
ClientSampleId :

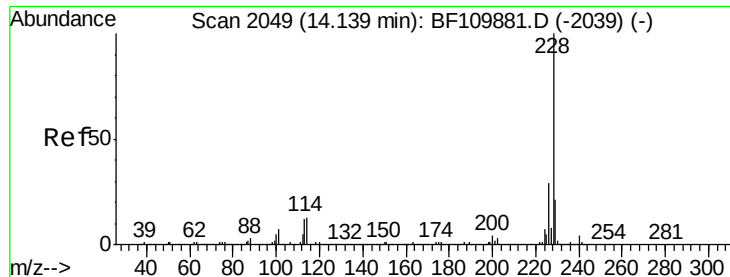
Tot Ion:202 Resp: 1793132
Ion Ratio Lower Upper
202 100
200 22.0 17.8 26.6
203 18.9 14.2 21.4



#79
Terphenyl-d14
Concen: 48.803 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Tgt Ion:244 Resp: 1263315
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 13.0 8.7 13.1

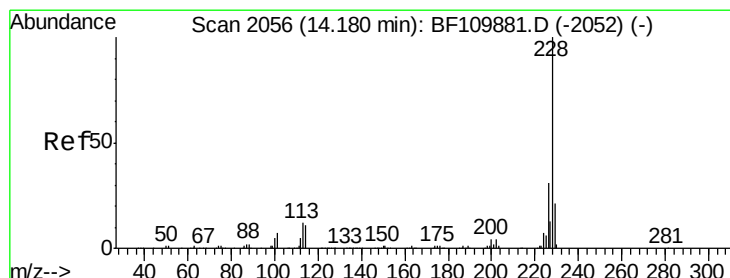
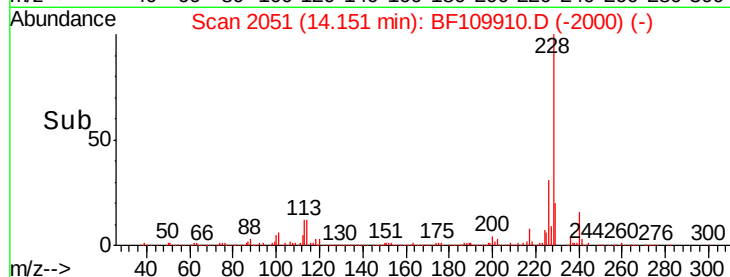
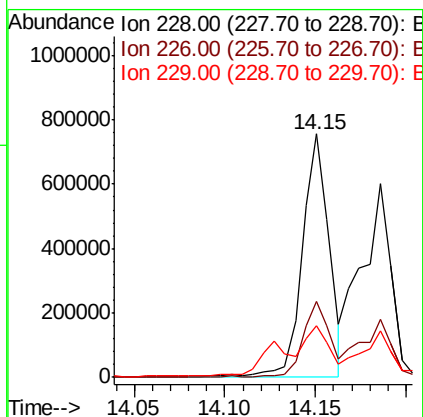
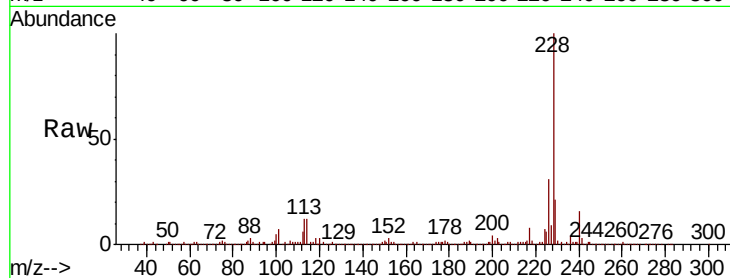




#81
Benzo(a)anthracene
Concen: 24.275 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

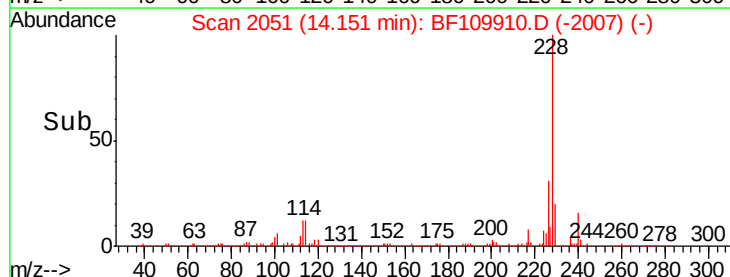
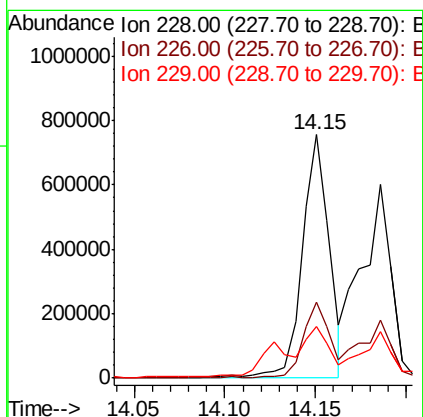
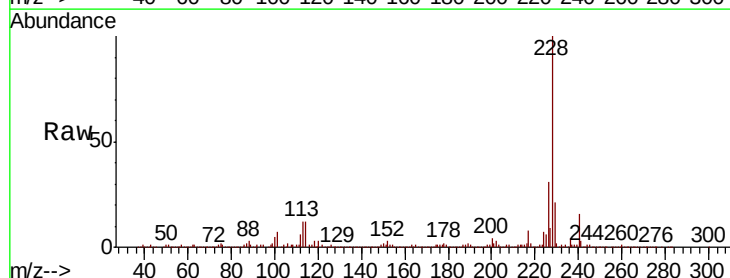
Instrument :
BNA_F
ClientSampleId :

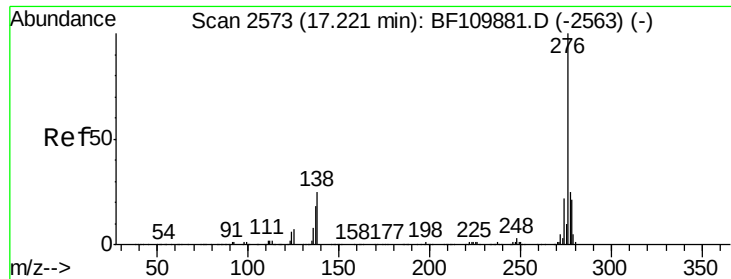
Tot Ion:228 Resp: 777249
Ion Ratio Lower Upper
228 100
226 31.2 22.1 33.1
229 21.0 15.6 23.4



#83
Chrysene
Concen: 25.503 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.04 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Tgt Ion:228 Resp: 777249
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 21.0 15.9 23.9

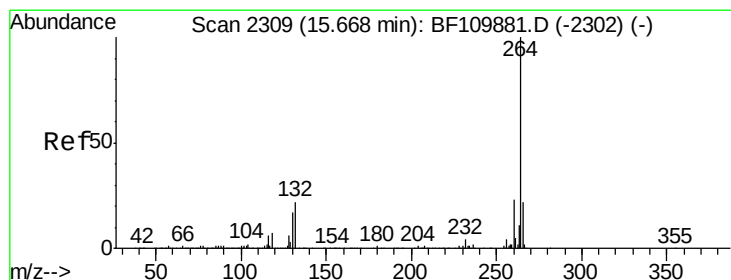
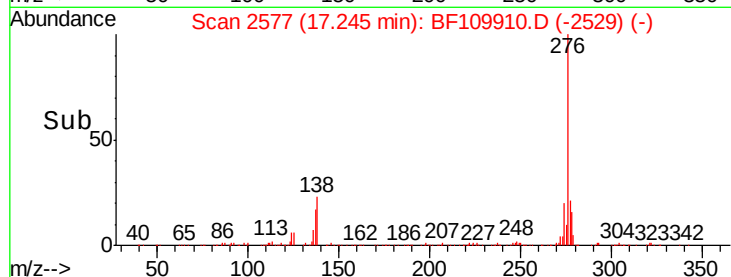
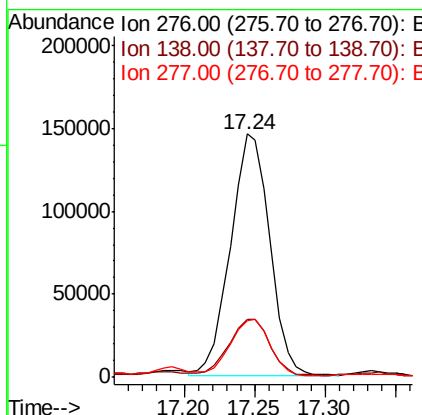
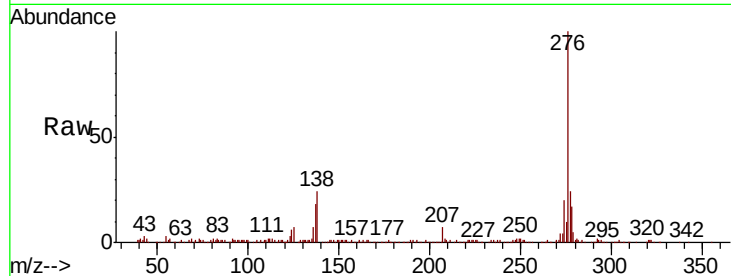




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 11.416 ng
 RT: 17.24 min Scan# 2577
 Delta R.T. -0.02 min
 Lab File: BF109910.D
 Acq: 16 Oct 2018 17:27

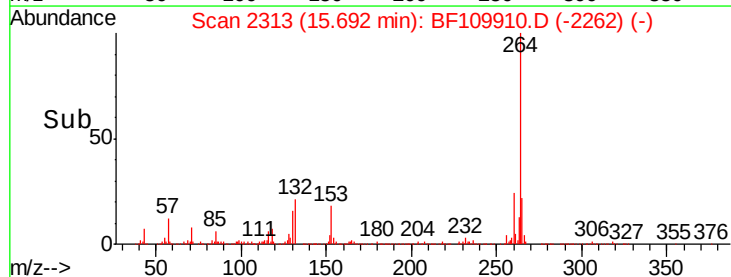
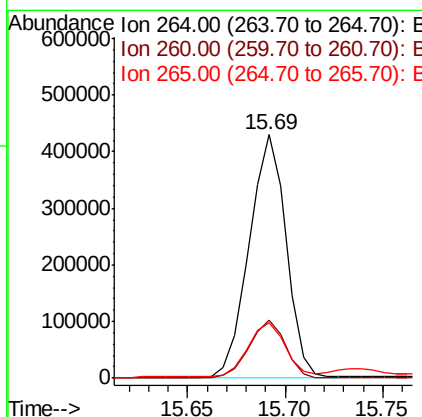
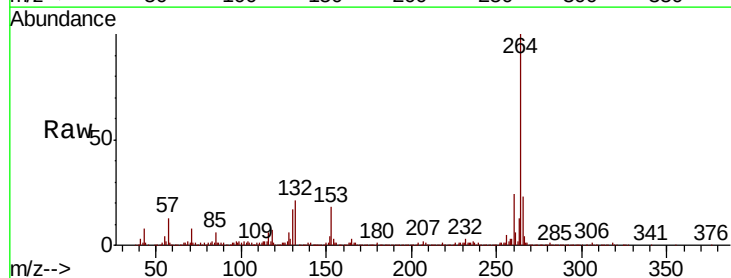
Instrument :
 BNA_F
 ClientSampleId :

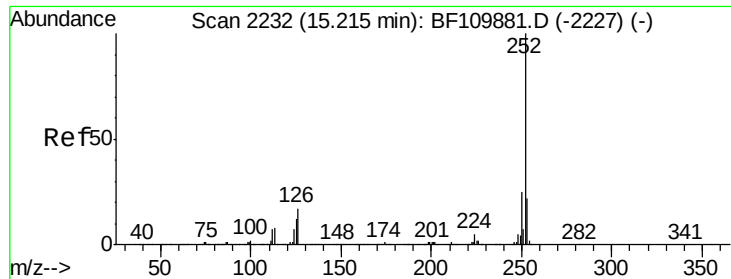
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.5	27.7
277	24.1	20.0	30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: BF109910.D
 Acq: 16 Oct 2018 17:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.6	16.7	25.1

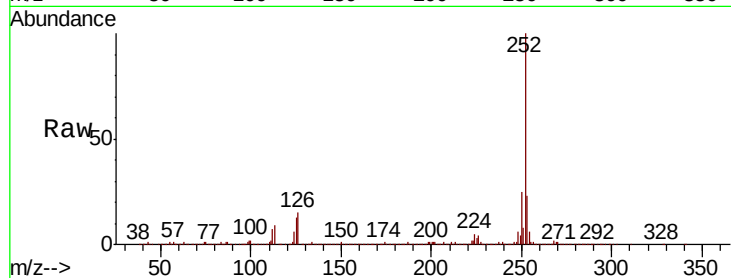




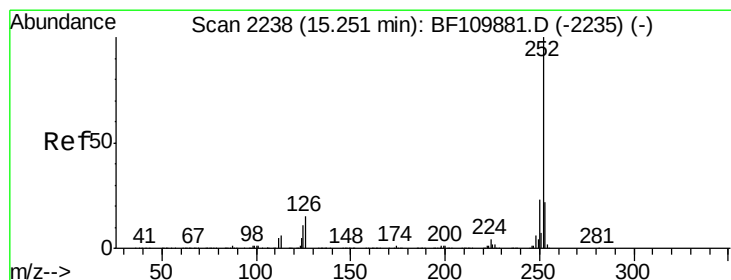
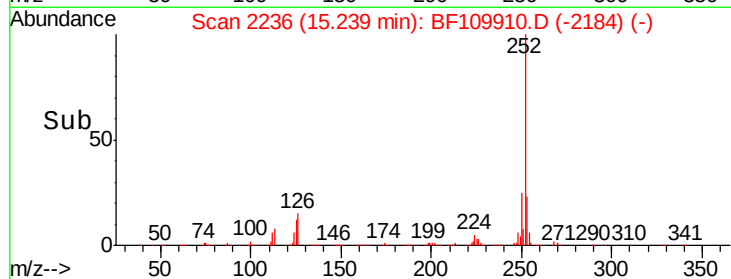
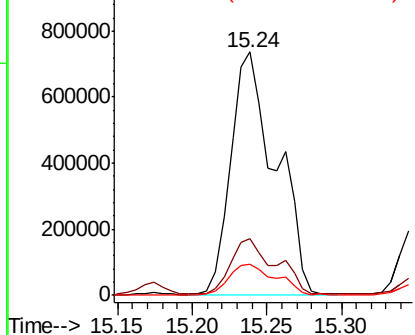
#88
Benzo(b)fluoranthene
Concen: 47.688 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1541275
Ion Ratio Lower Upper
252 100
253 23.4 17.2 25.8
125 12.6 8.2 12.4#

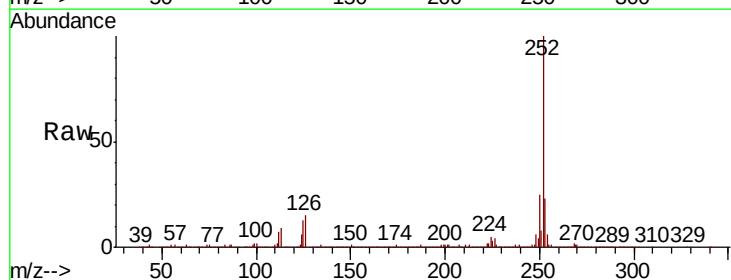


Abundance Ion 252.00 (251.70 to 252.70): E
1000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

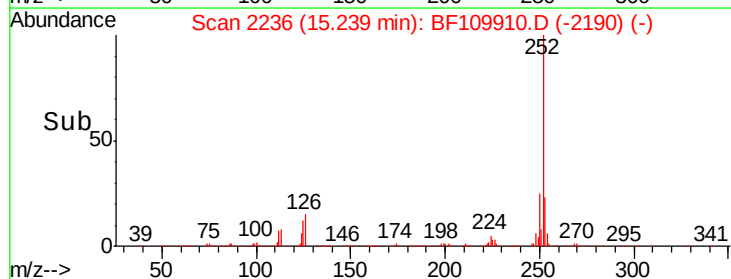
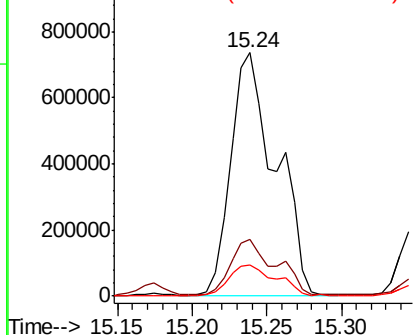


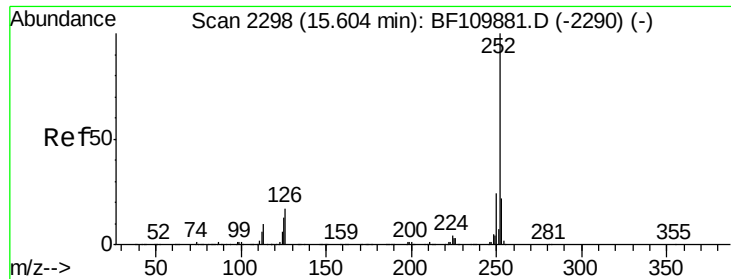
#89
Benzo(k)fluoranthene
Concen: 48.382 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Tgt Ion:252 Resp: 1541275
Ion Ratio Lower Upper
252 100
253 23.4 17.2 25.8
125 12.6 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E
1000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

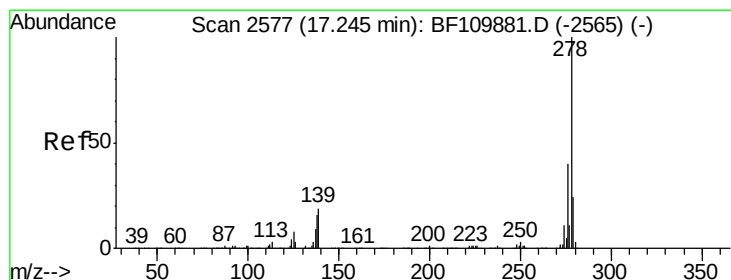
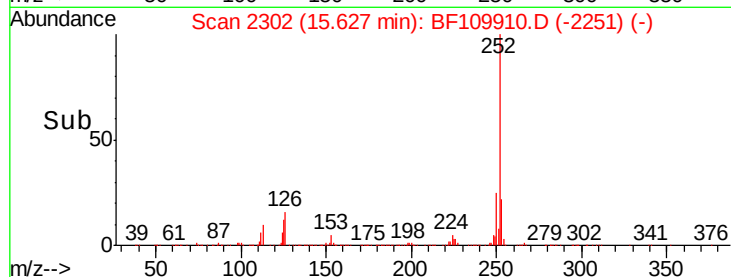
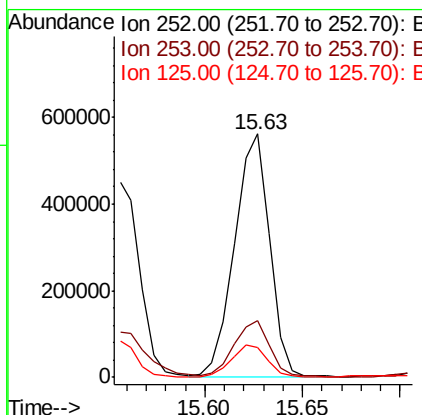
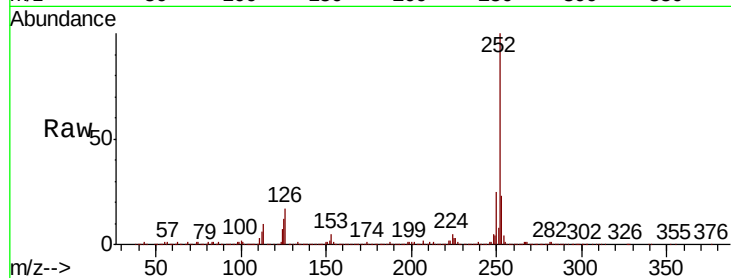




#90
Benzo(a)pyrene
Concen: 23.399 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

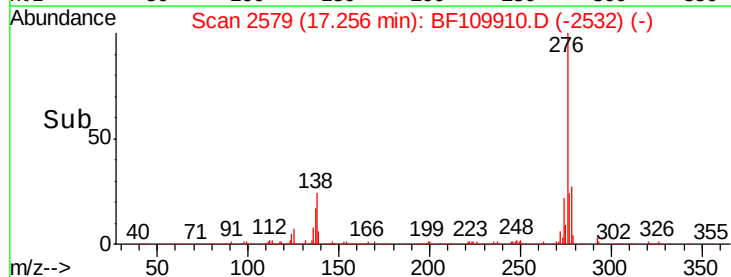
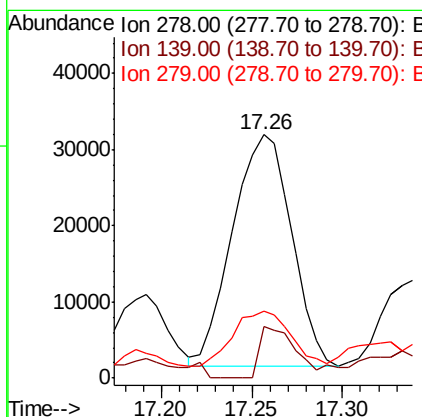
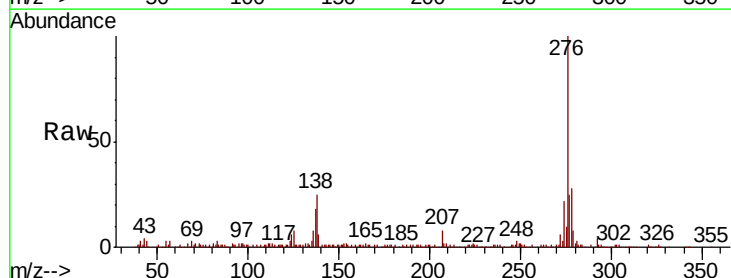
Instrument :
BNA_F
ClientSampleId :

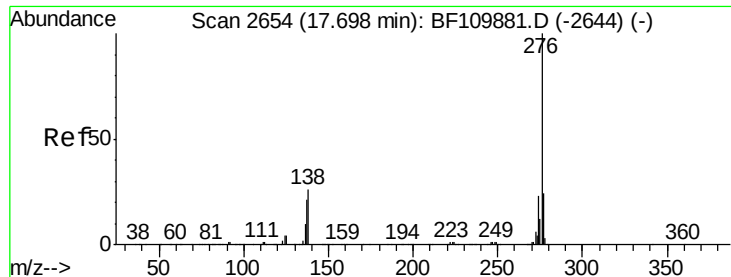
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	12.4	9.0	13.6



#91
Dibenzo(a,h)anthracene
Concen: 2.605 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BF109910.D
Acq: 16 Oct 2018 17:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	12.7	19.1#
279	27.3	19.0	28.4





#92

Benzo(a,h,i)perylene

Concen: 8.581 ng

RT: 17.72 min Scan# 2658

Delta R.T. -0.02 min

Lab File: BF109910.D

Acq: 16 Oct 2018 17:27

Instrument :

BNA_F

ClientSampleId :

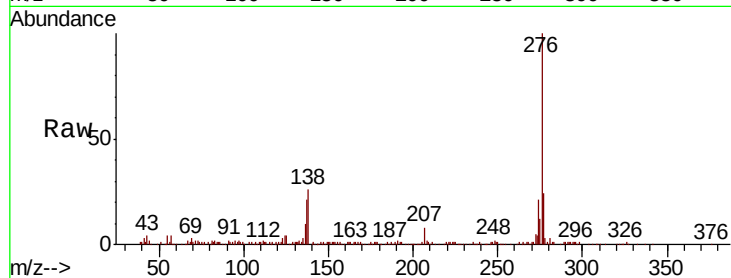
Tot Ion:276 Resp: 228386

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 25.6 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

