

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120113.D
 Acq On : 21 Apr 2020 20:14
 Operator : MA/SJ
 Sample : L2330-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-10-1

Quant Time: Apr 22 01:49:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	145614	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	538874	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	252548	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	384585	20.00	ng	0.00
76) Chrysene-d12	13.87	240	280422	20.00	ng	0.00
87) Perylene-d12	15.29	264	277724	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	670474	79.57	ng	0.00
7) Phenol-d6	6.33	99	882823	81.31	ng	0.00
23) Nitrobenzene-d5	7.26	82	560512	53.81	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	168910	54.63	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1037757	58.34	ng	0.00
79) Terphenyl-d14	12.81	244	795889	47.76	ng	0.00

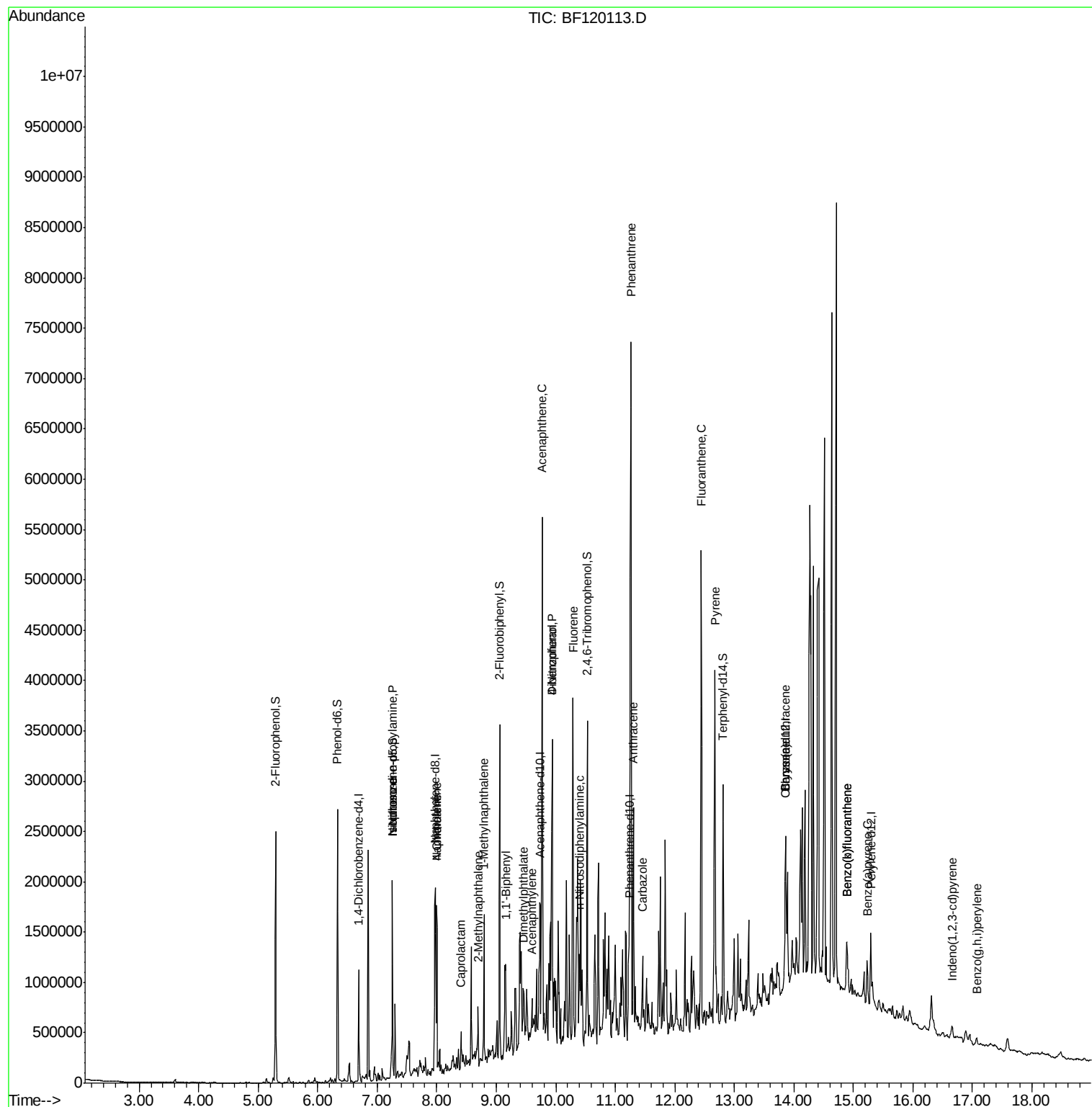
Target Compounds				Qvalue		
9) Benzaldehyde	6.25	77	1255	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	78556	11.252	ng	79
25) Isophorone	7.26	82	554446	27.612	ng	65
31) Naphthalene	8.00	128	656614	23.160	ng	99
33) 4-Chloroaniline	8.00	127	83933	6.800	ng	29
35) Caprolactam	8.41	113	7246	2.927	ng	11
37) 2-Methylnaphthalene	8.69	142	136566	7.105	ng	98
38) 1-Methylnaphthalene	8.79	142	341969	18.875	ng	98
46) 1,1'-Biphenyl	9.16	154	216744	10.168	ng	99
49) Acenaphthylene	9.59	152	76349	3.057	ng	# 91
50) Dimethylphthalate	9.46	163	117933	6.037	ng	99
52) Acenaphthene	9.77	154	1089027	65.372	ng	98
55) Dibenzofuran	9.95	168	890206	38.941	ng	99
56) 4-Nitrophenol	9.95	139	331384	91.163	ng	# 5
58) Fluorene	10.29	166	1090591	59.653	ng	99
66) n-Nitrosodiphenylamine	10.40	169	67380	5.268	ng	88
71) Phenanthrene	11.26	178	3190696	155.887	ng	97
72) Anthracene	11.30	178	767326	36.698	ng	98
73) Carbazole	11.46	167	240335	12.155	ng	97
75) Fluoranthene	12.45	202	1977752	89.553	ng	97
78) Pyrene	12.67	202	1643354	69.516	ng	99
81) Benzo(a)anthracene	13.86	228	479271	25.980	ng	95
83) Chrysene	13.86	228	479271	25.568	ng	98
86) Indeno(1,2,3-cd)pyrene	16.66	276	66059	3.998	ng	98
88) Benzo(b)fluoranthene	14.89	252	368437	18.441	ng	# 93
89) Benzo(k)fluoranthene	14.89	252	368437	21.373	ng	# 94
90) Benzo(a)pyrene	15.23	252	194035	11.551	ng	# 94
92) Benzo(g,h,i)perylene	17.07	276	62828	4.278	ng	# 95

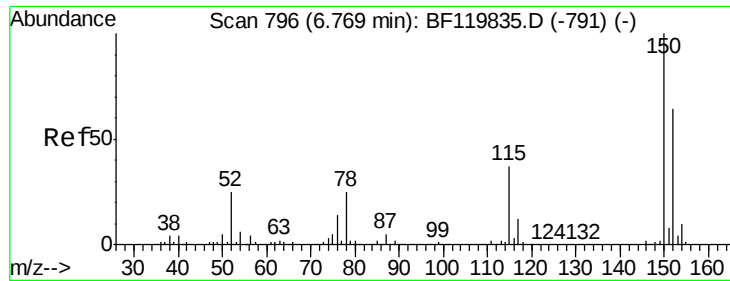
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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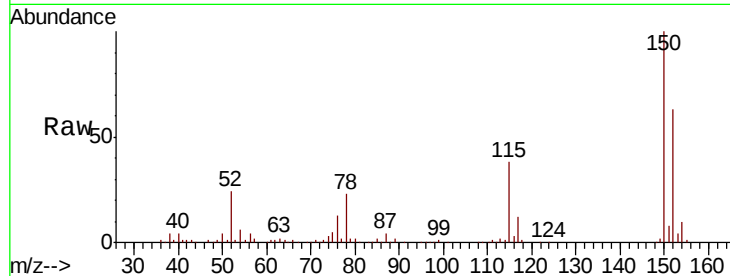


#1

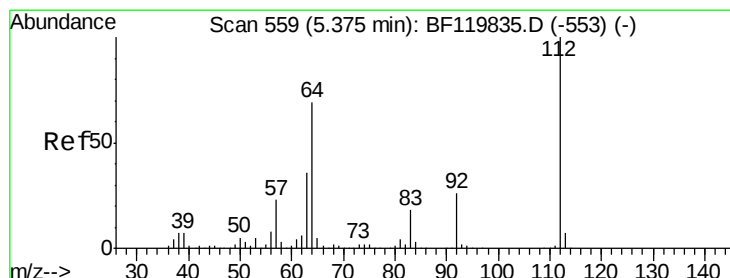
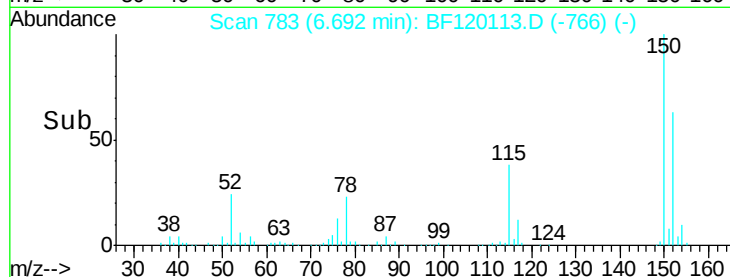
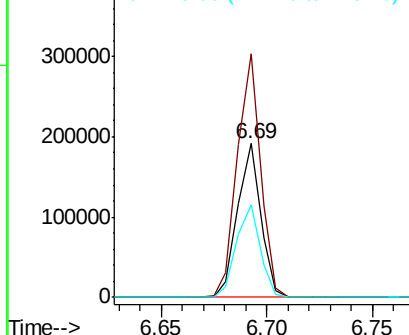
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

Instrument :
BNA_F
ClientSampleId :
WB-10-1

Tot Ion:152 Resp: 145614
Ion Ratio Lower Upper
152 100
150 158.4 124.8 187.2
115 59.9 46.5 69.7



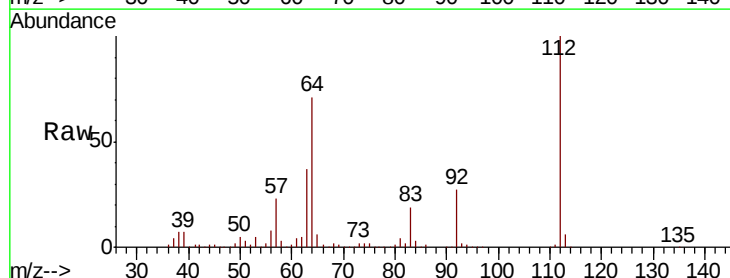
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



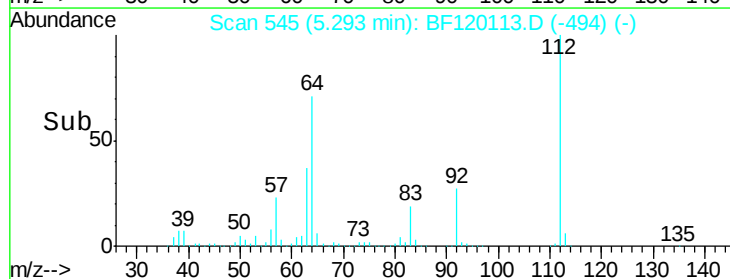
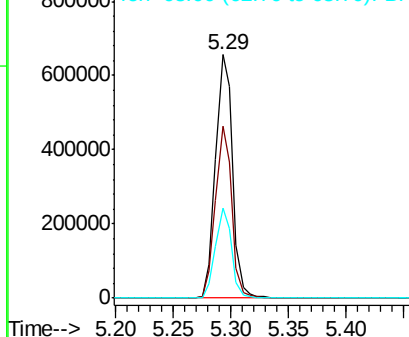
#5

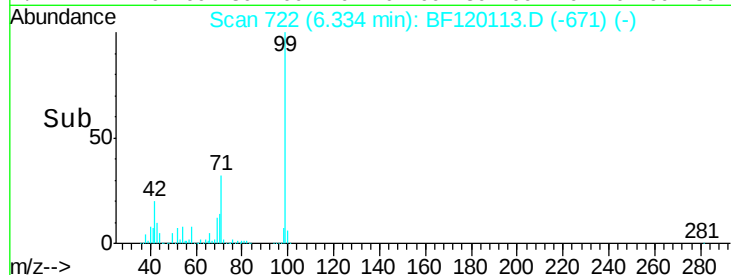
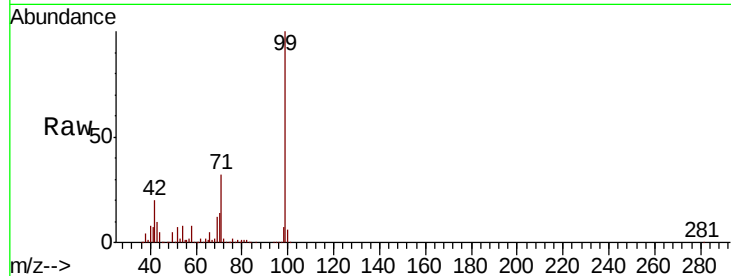
2-Fluorophenol
Concen: 79.574 ng
RT: 5.29 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

Tgt Ion:112 Resp: 670474
Ion Ratio Lower Upper
112 100
64 70.9 55.5 83.3
63 36.9 29.1 43.7



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: 81.313 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

Instrument :

BNA_F

ClientSampleId :

WB-10-1

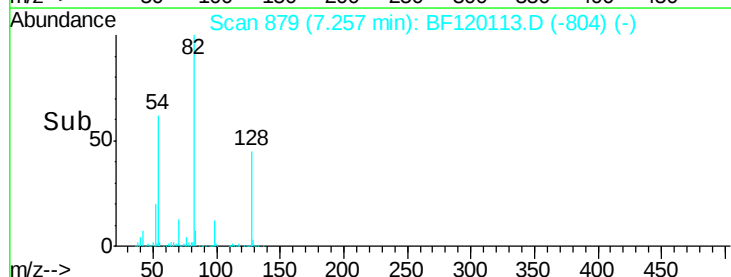
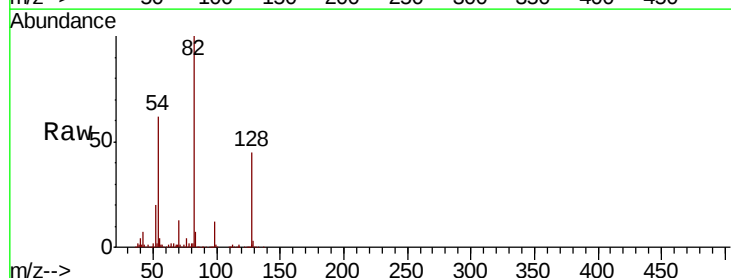
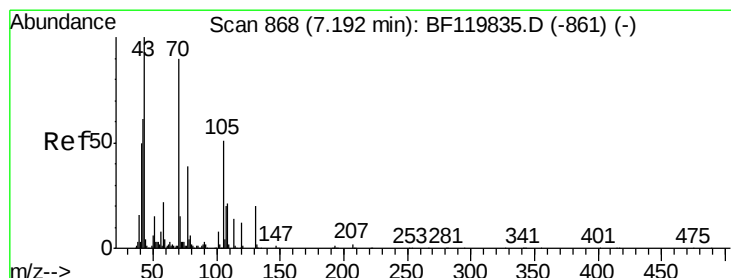
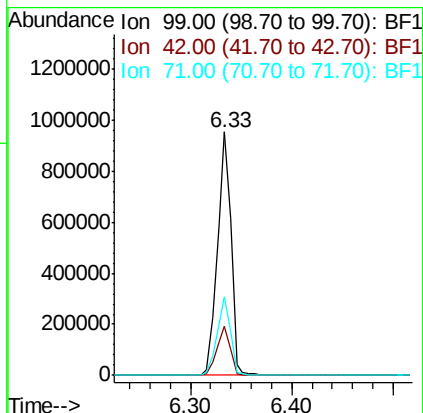
Tot Ion: 99 Resp: 882823

Ion Ratio Lower Upper

99 100

42 20.2 16.9 25.3

71 32.2 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 11.252 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

Tgt Ion: 70 Resp: 78556

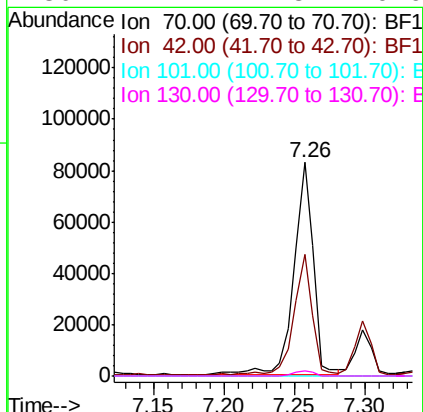
Ion Ratio Lower Upper

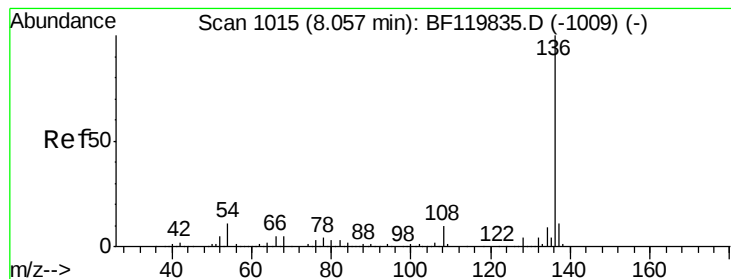
70 100

42 56.8 54.2 81.4

101 0.0 7.4 11.2#

130 2.1 17.8 26.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

Instrument :

BNA_F

ClientSampleId :

WB-10-1

Tot Ion:136 Resp: 538874

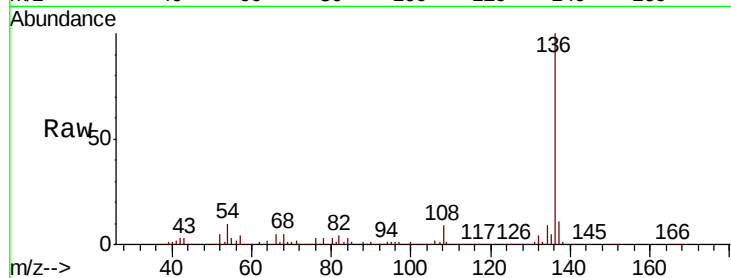
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.6 8.5 12.7

68 5.0 3.9 5.9

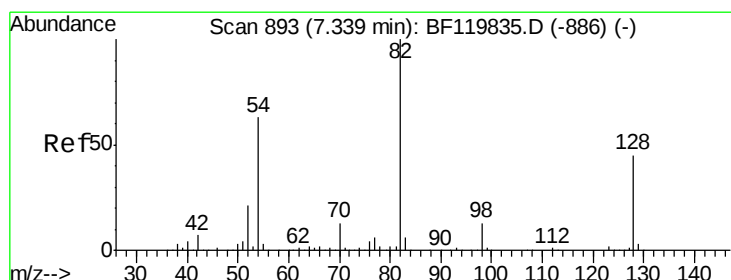
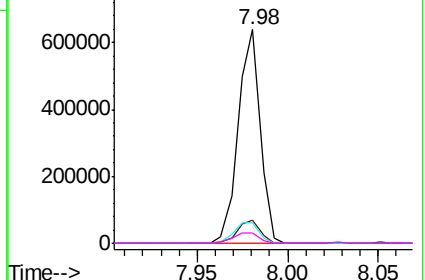
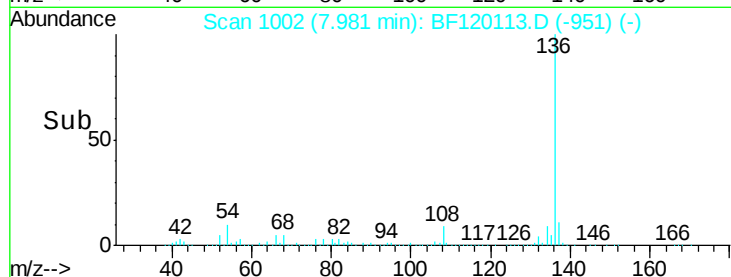


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.811 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

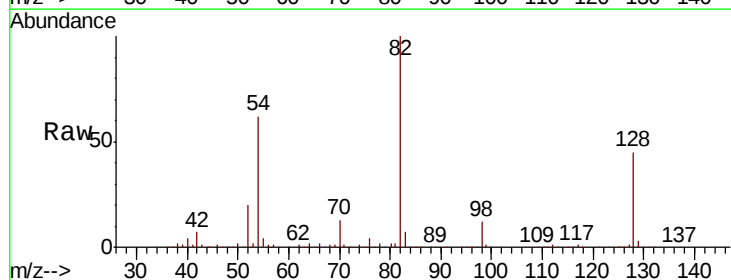
Tgt Ion: 82 Resp: 560512

Ion Ratio Lower Upper

82 100

128 44.7 36.2 54.4

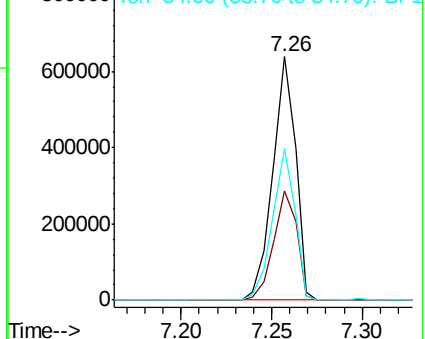
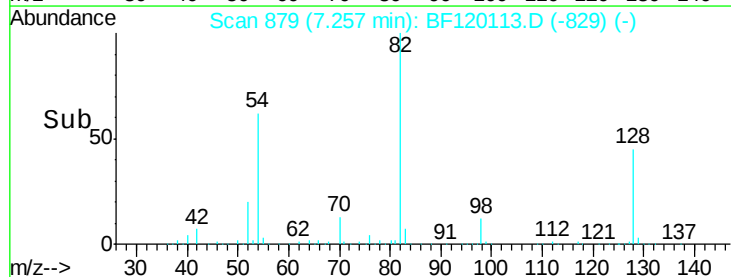
54 62.4 50.4 75.6



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: 27.612 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

Instrument :

BNA_F

ClientSampleId :

WB-10-1

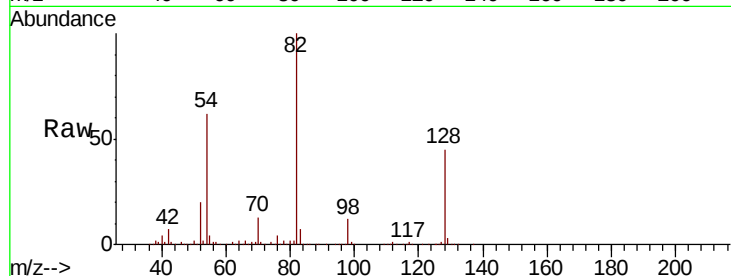
Tot Ion: 82 Resp: 554446

Ion Ratio Lower Upper

82 100

95 0.2 5.8 8.6#

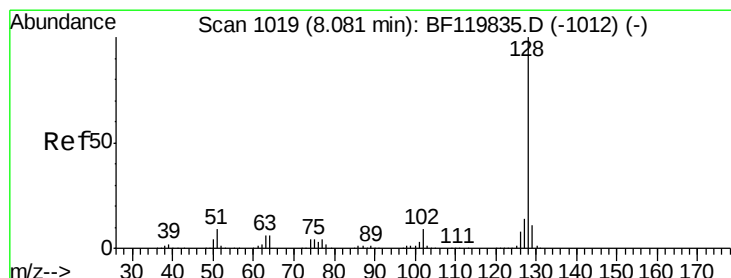
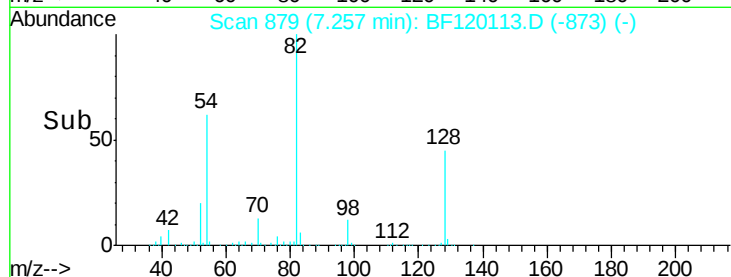
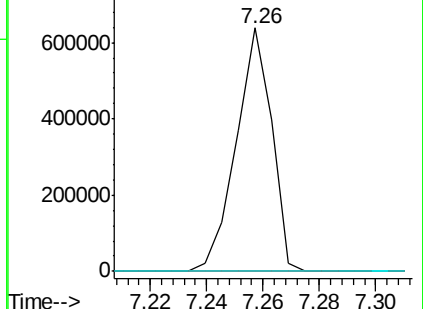
138 0.0 14.5 21.7#



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: 23.160 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

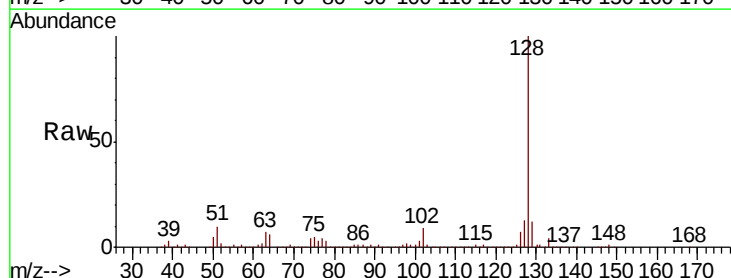
Tgt Ion: 128 Resp: 656614

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

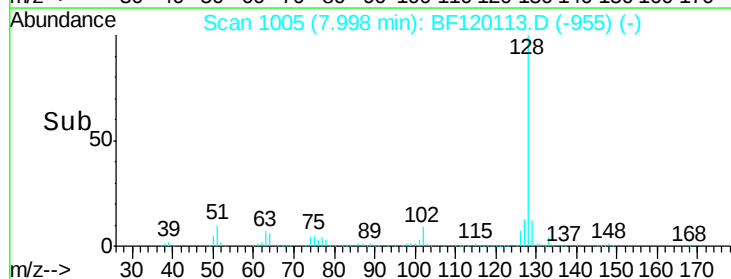
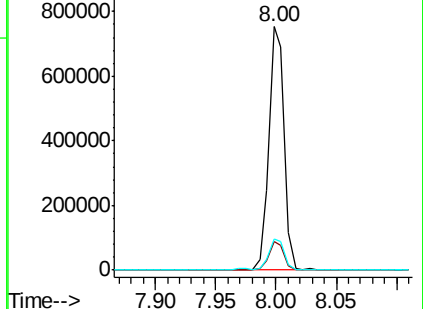
127 13.0 11.0 16.4

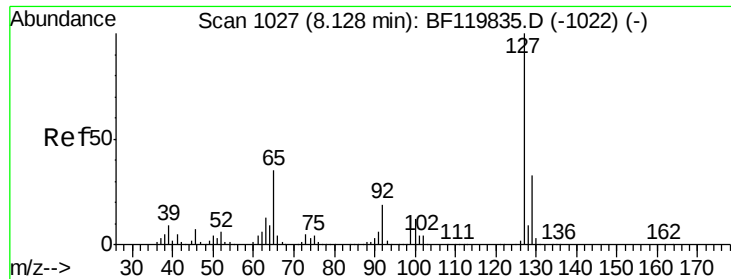


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

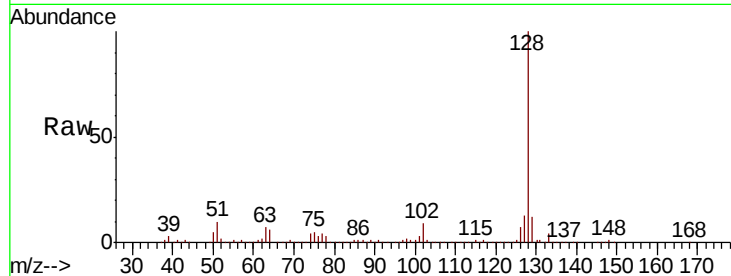




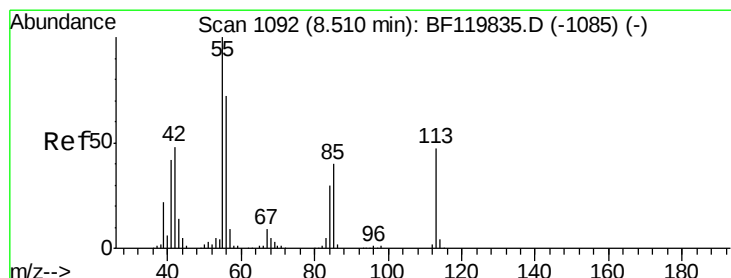
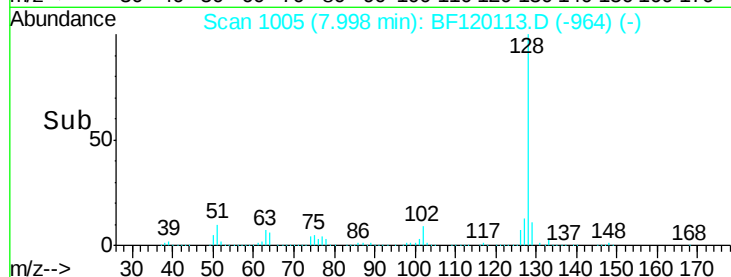
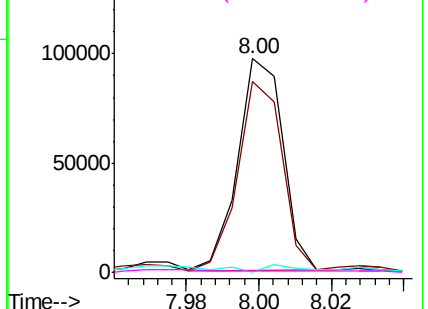
#33
4-Chloroaniline
Concen: 6.800 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.06 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

Instrument :
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ClientSampleId :
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Tot Ion:127 Resp: 83933
Ion Ratio Lower Upper
127 100
129 89.1 26.2 39.2#
65 0.0 28.3 42.5#
92 0.6 15.4 23.2#

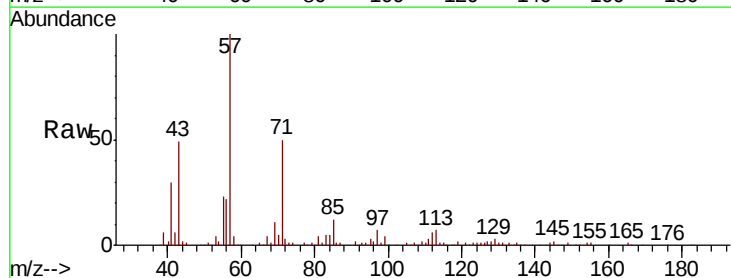


Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

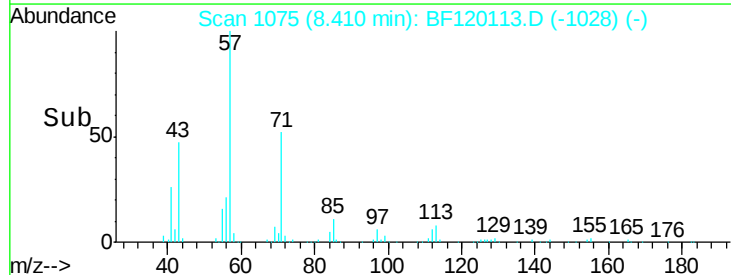
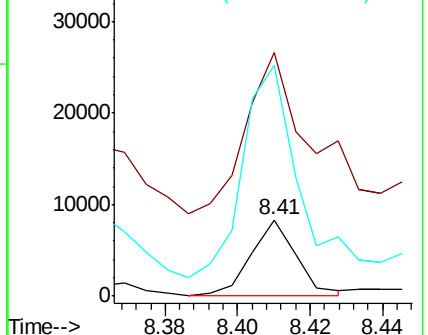


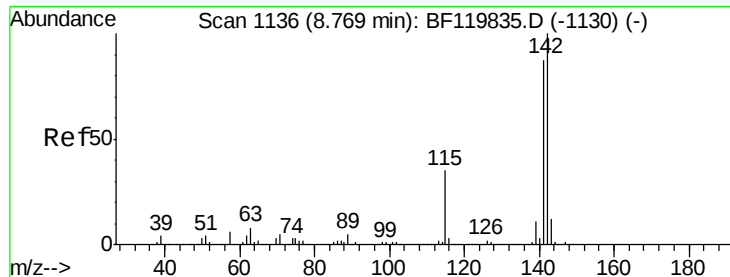
#35
Caprolactam
Concen: 2.927 ng
RT: 8.41 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

Tgt Ion:113 Resp: 7246
Ion Ratio Lower Upper
113 100
55 320.7 192.7 232.7#
56 303.2 133.3 173.3#



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

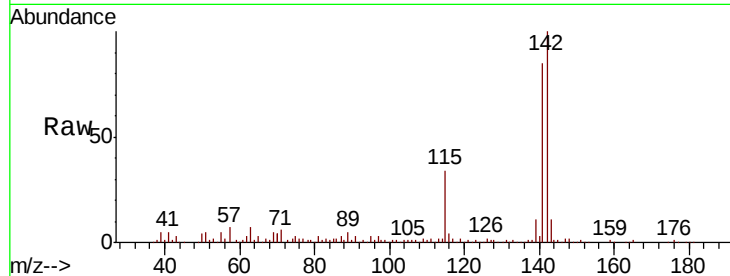




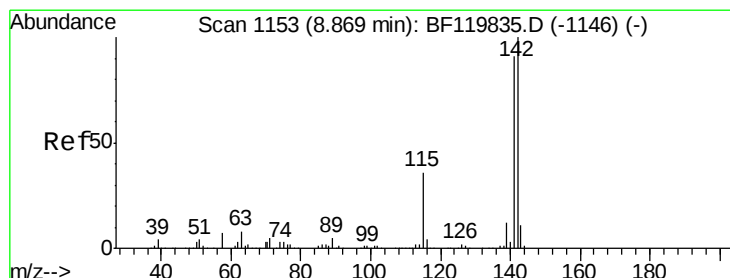
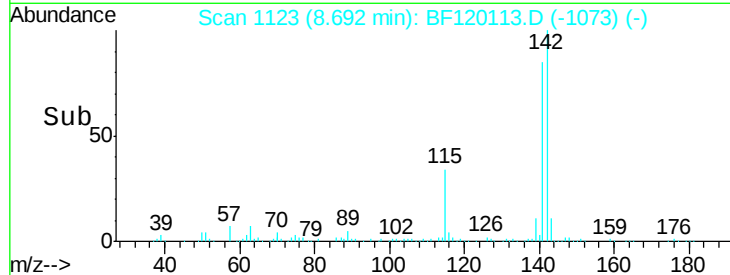
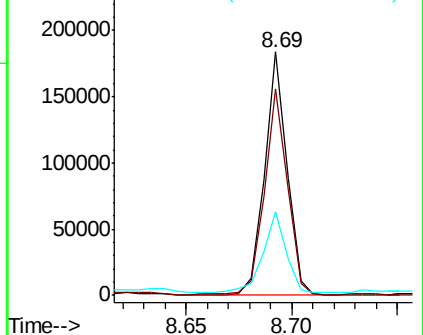
#37
 2-Methylnaphthalene
 Concen: 7.105 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF120113.D
 Acq: 21 Apr 2020 20:14

Instrument :
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 WB-10-1

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.0	69.9	104.9
115	34.1	28.0	42.0

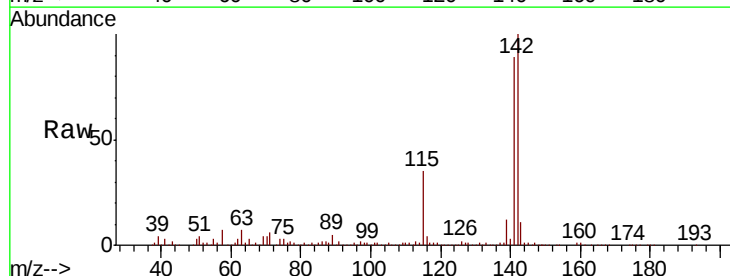


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

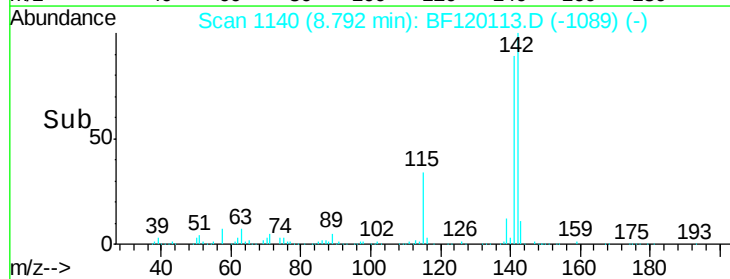
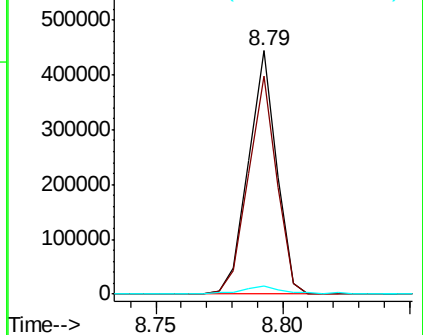


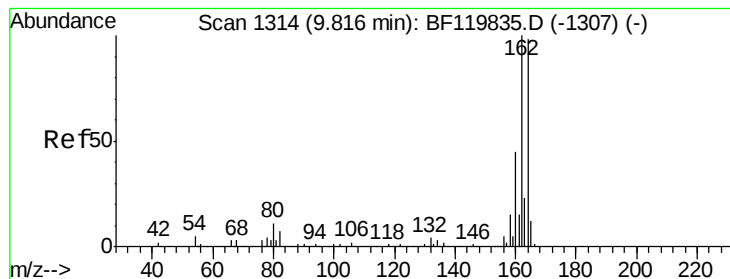
#38
 1-Methylnaphthalene
 Concen: 18.875 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF120113.D
 Acq: 21 Apr 2020 20:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.9	109.3
116	3.5	3.0	4.6



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: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

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ClientSampleId :

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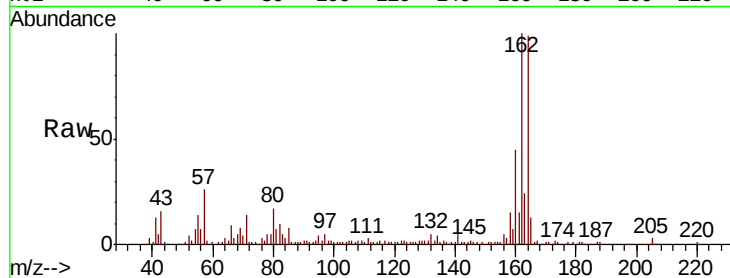
Tot Ion:164 Resp: 252548

Ion Ratio Lower Upper

164 100

162 100.6 81.9 122.9

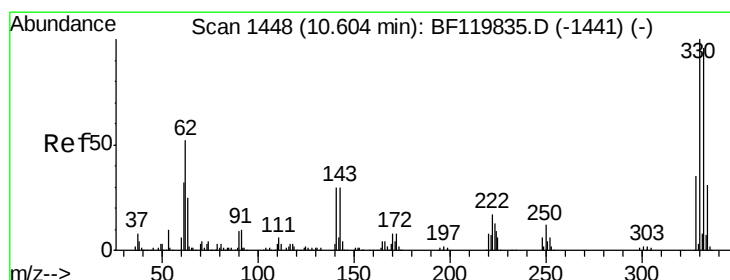
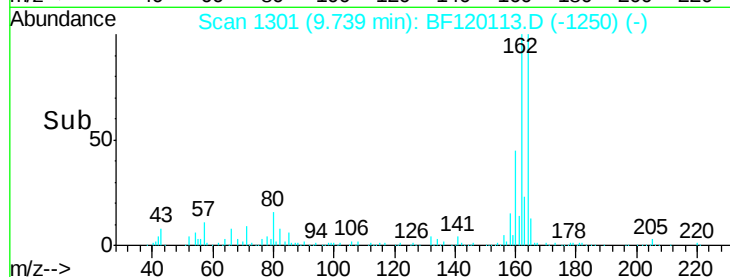
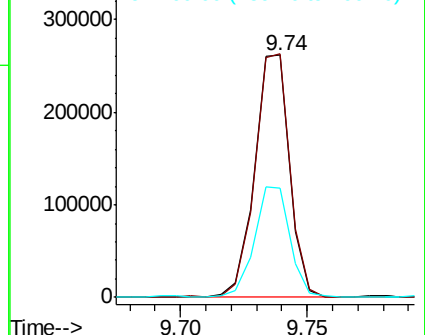
160 45.2 36.6 54.8



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: 54.627 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

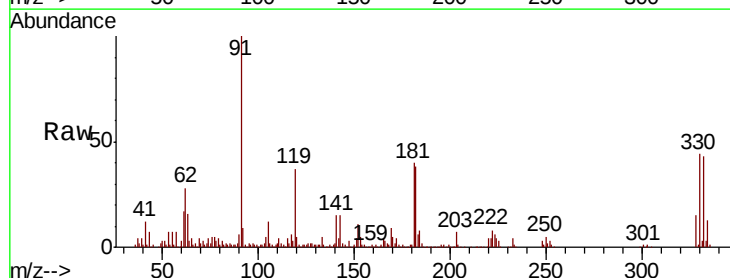
Tgt Ion:330 Resp: 168910

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

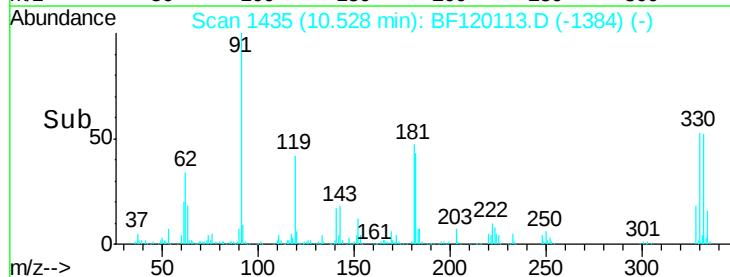
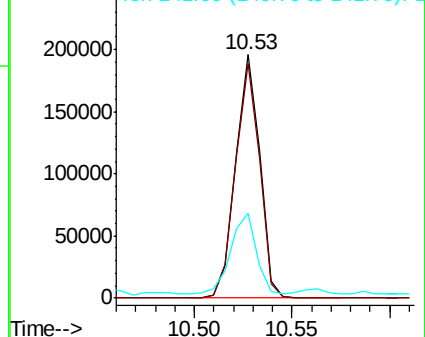
141 35.2 25.1 37.7

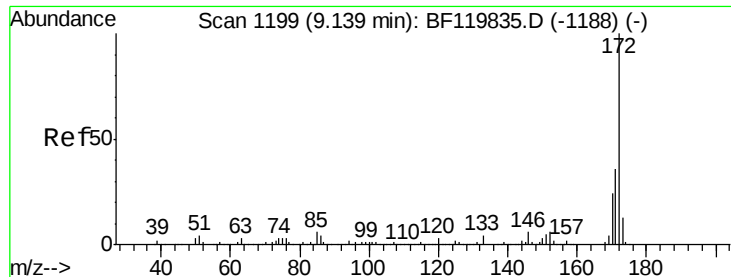


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

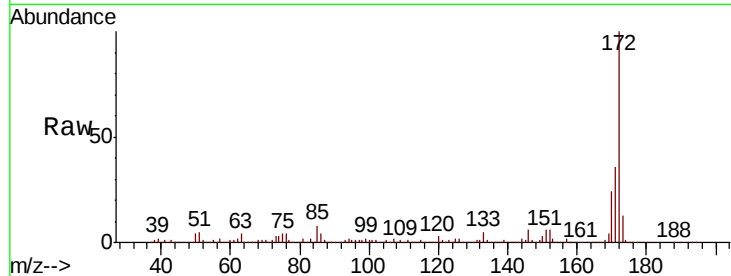




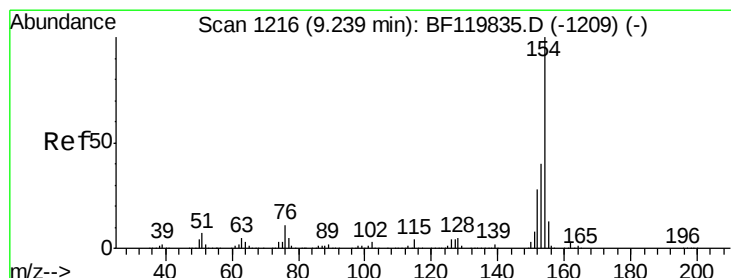
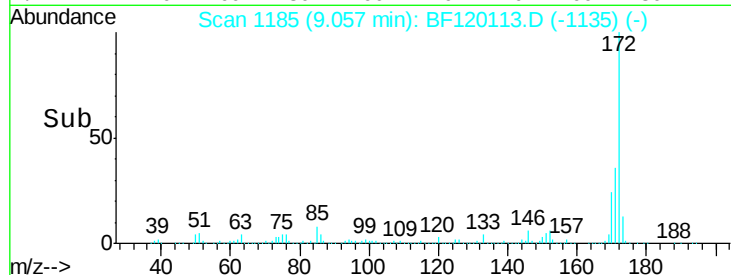
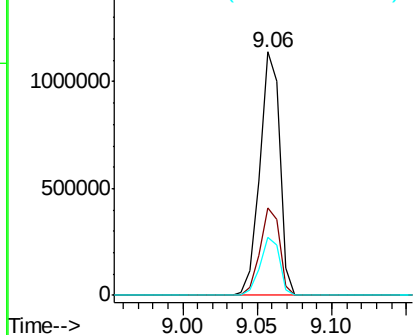
#45
2-Fluorobiphenyl
Concen: 58.341 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

Instrument :
BNA_F
ClientSampleId :
WB-10-1

Tot Ion:172 Resp: 1037757
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.8 19.4 29.2

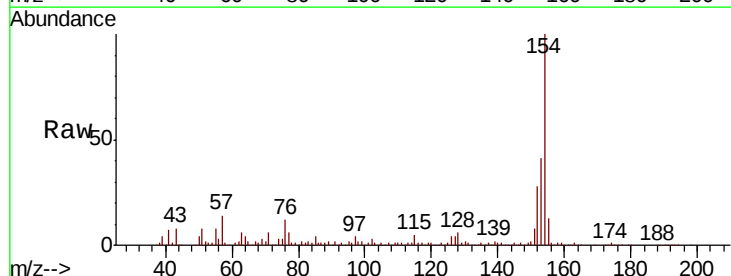


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

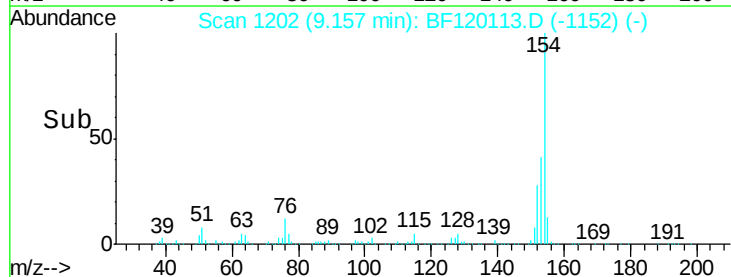
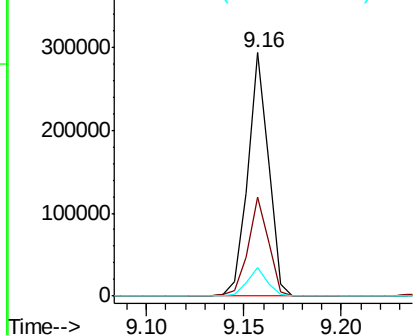


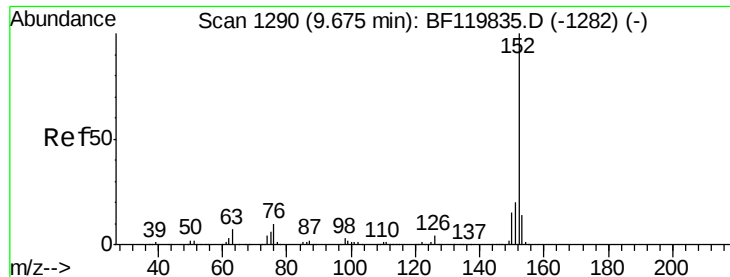
#46
1,1'-Biphenyl
Concen: 10.168 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

Tgt Ion:154 Resp: 216744
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 11.6 0.0 30.6



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: 3.057 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

Instrument :

BNA_F

ClientSampleId :

WB-10-1

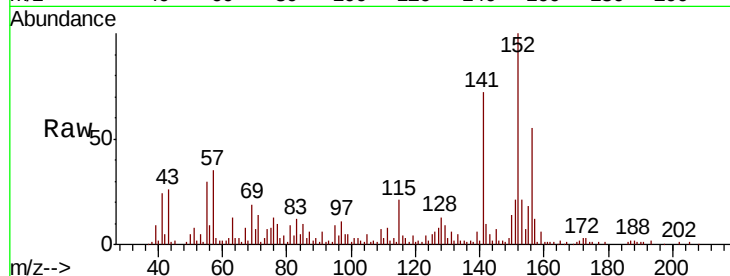
Tot Ion:152 Resp: 76349

Ion Ratio Lower Upper

152 100

151 21.4 16.2 24.4

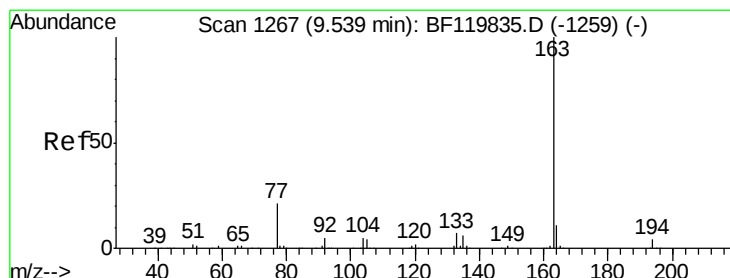
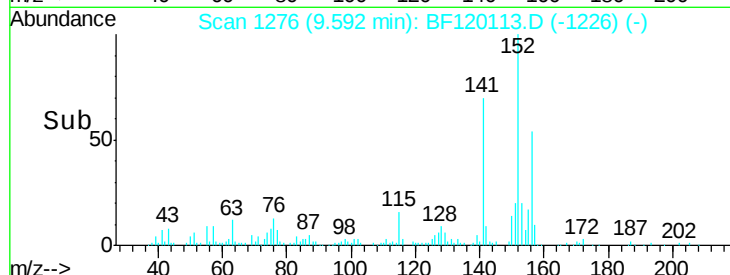
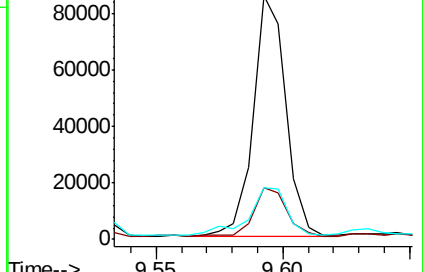
153 21.0 10.9 16.3#



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: 6.037 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

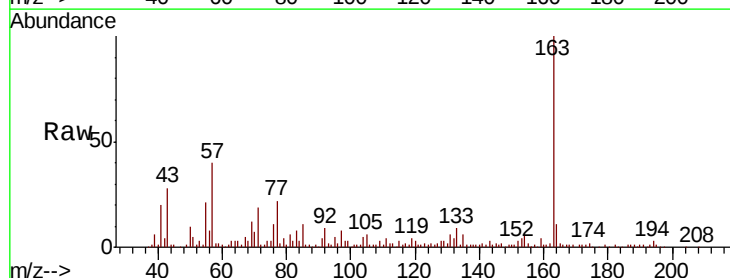
Tgt Ion:163 Resp: 117933

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

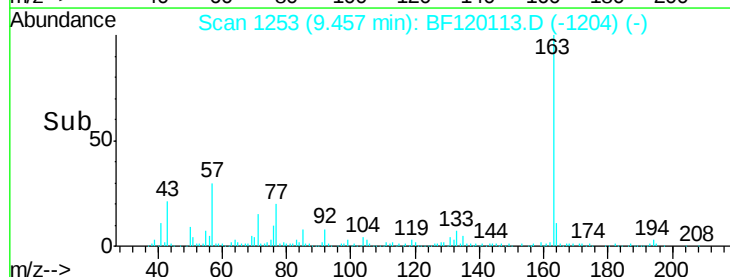
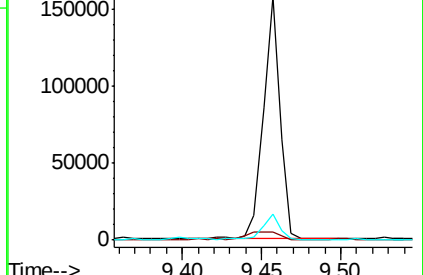
164 10.7 8.4 12.6

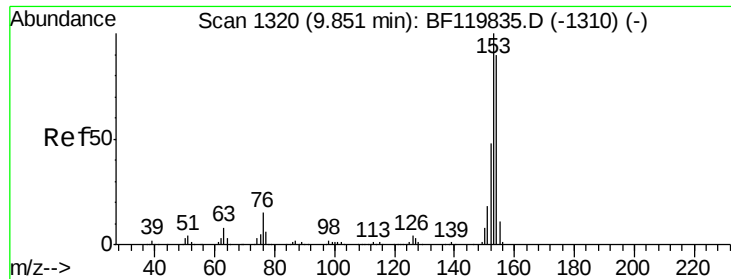


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 65.372 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

Instrument :

BNA_F

ClientSampleId :

WB-10-1

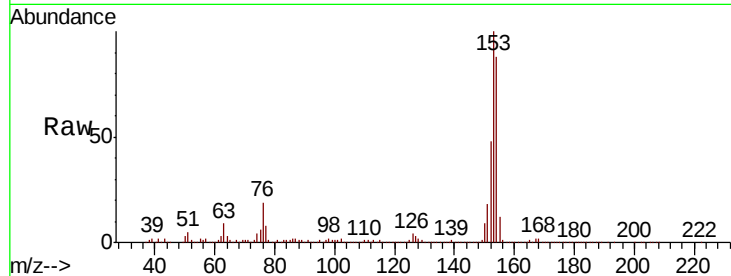
Tot Ion:154 Resp: 1089027

Ion Ratio Lower Upper

154 100

153 113.5 88.8 133.2

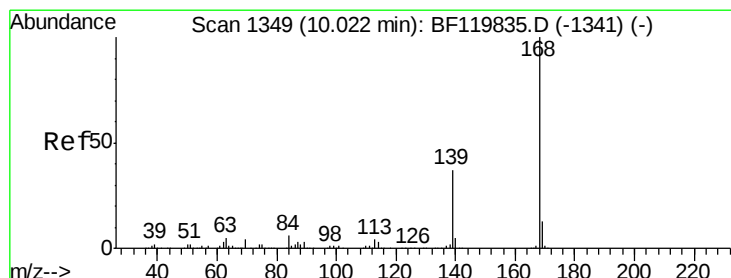
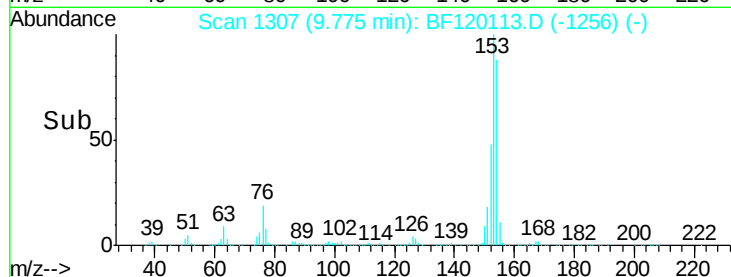
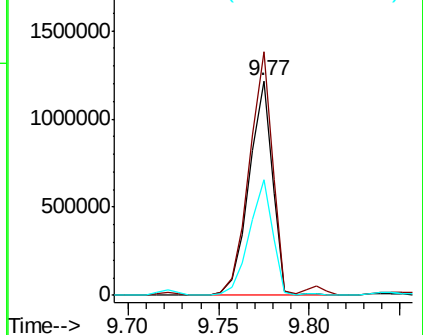
152 54.1 42.4 63.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 38.941 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

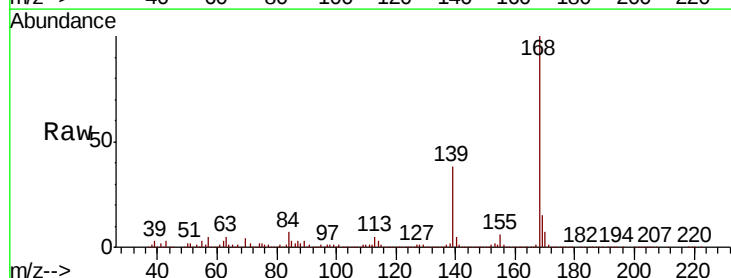
Tgt Ion:168 Resp: 890206

Ion Ratio Lower Upper

168 100

139 37.6 29.8 44.6

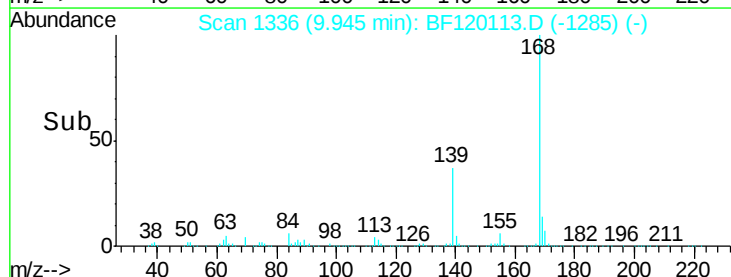
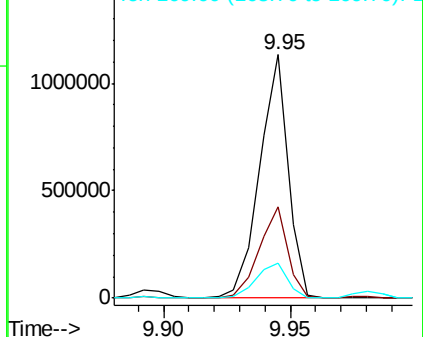
169 14.5 10.6 15.8

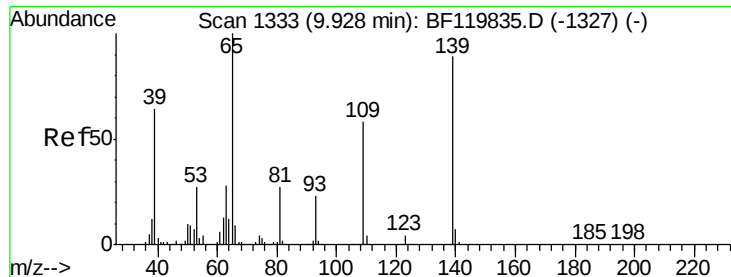


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

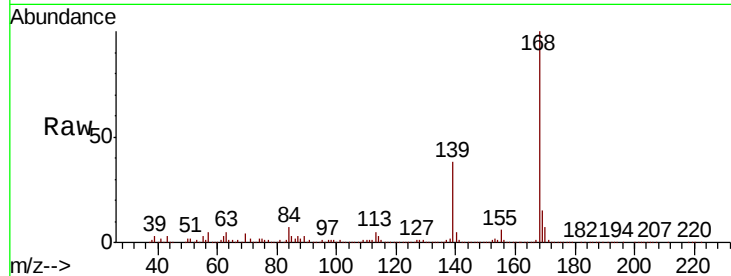




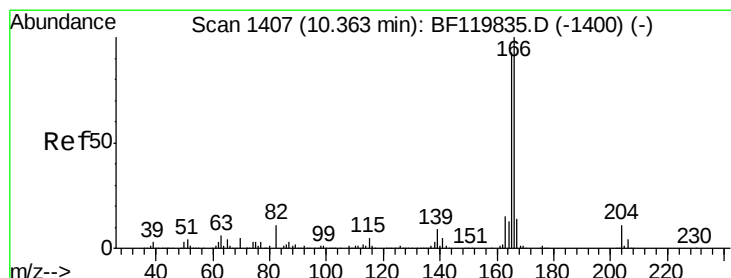
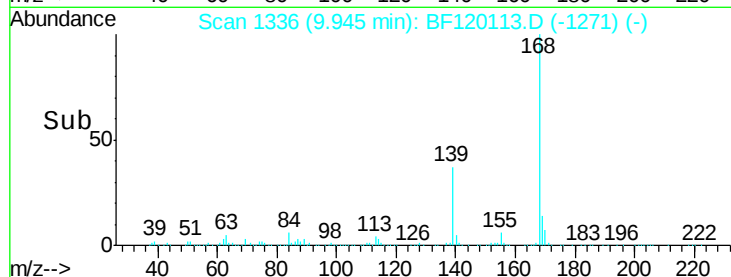
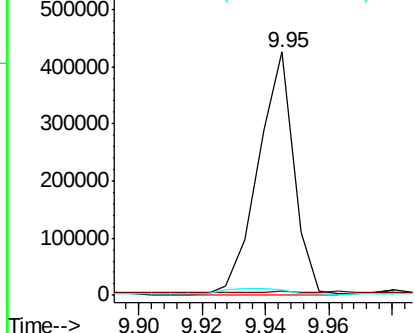
#56
4-Nitrophenol
Concen: 91.163 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.08 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

Instrument :
BNA_F
ClientSampled :
WB-10-1

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.9	45.5	85.5#
65	2.1	92.3	132.3#

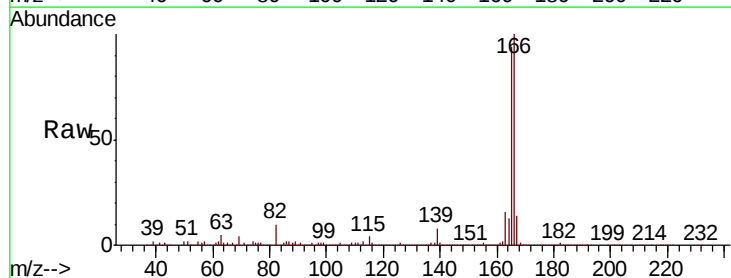


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

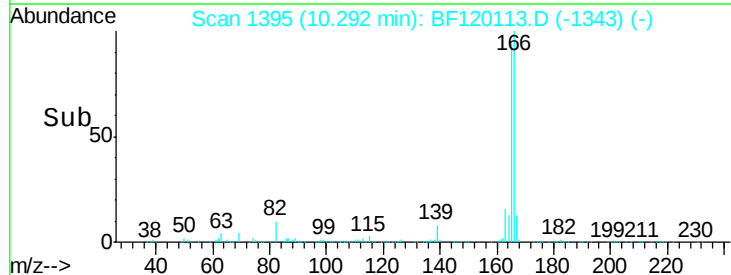
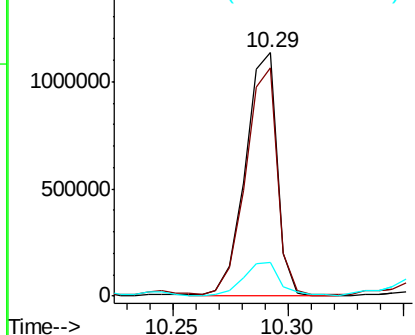


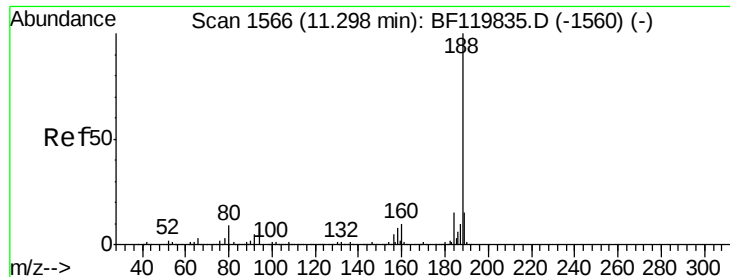
#58
Fluorene
Concen: 59.653 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	74.2	111.2
167	13.7	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

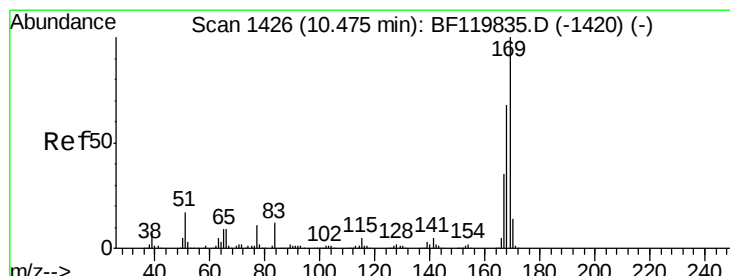
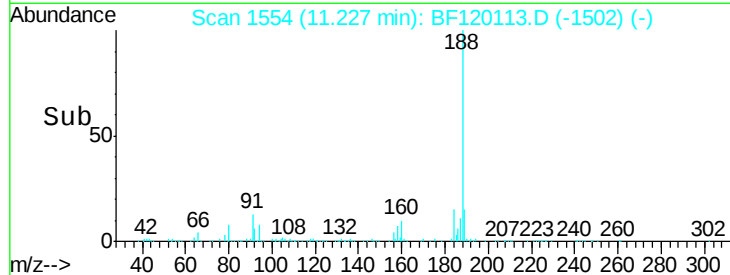
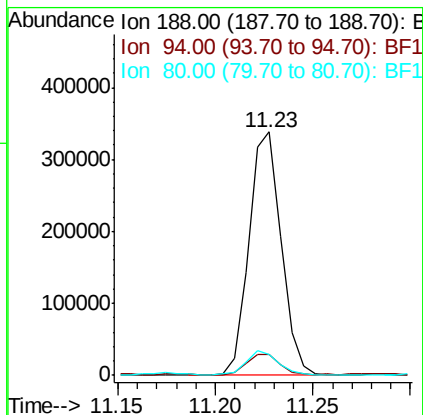
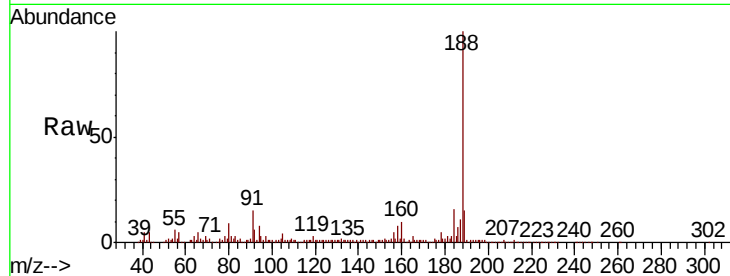




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

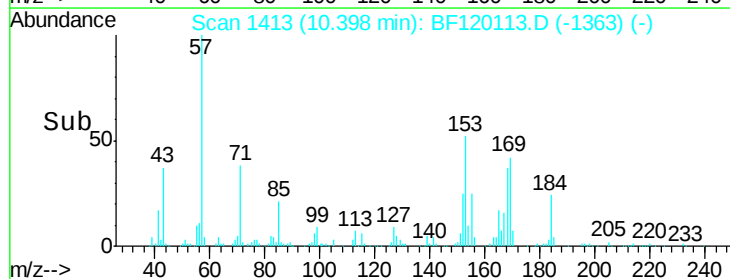
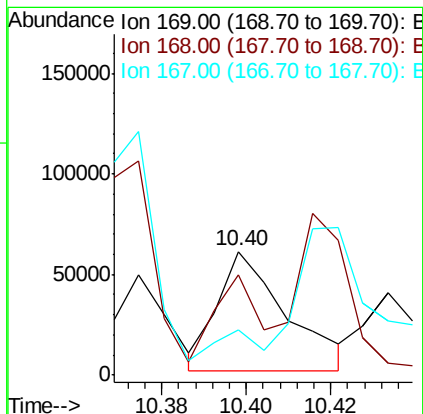
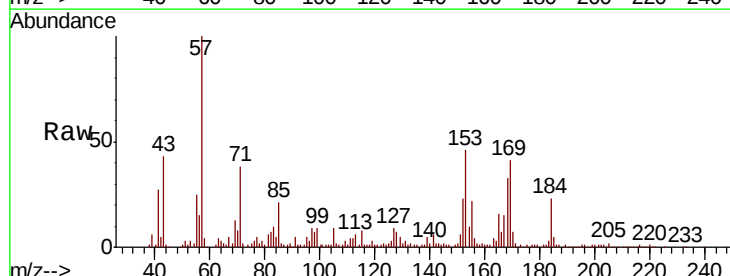
Instrument :
BNA_F
ClientSampleId :
WB-10-1

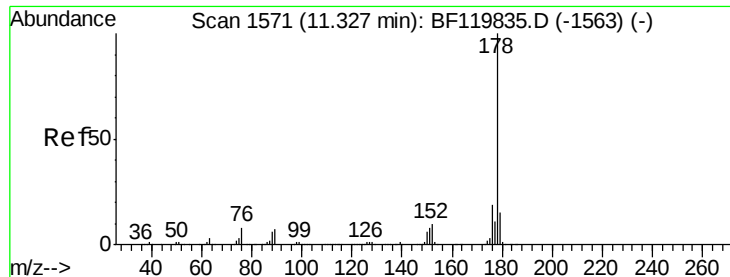
Tot Ion:188 Resp: 384585
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 8.8 7.4 11.2



#66
n-Nitrosodiphenylamine
Concen: 5.268 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

Tgt Ion:169 Resp: 67380
Ion Ratio Lower Upper
169 100
168 81.3 54.2 81.4
167 36.3 28.3 42.5





#71

Phenanthrene

Concen: 155.887 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

Instrument :

BNA_F

ClientSampleId :

WB-10-1

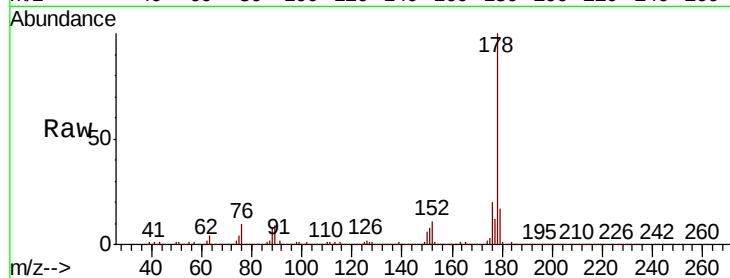
Tot Ion:178 Resp: 3190696

Ion Ratio Lower Upper

178 100

176 20.3 15.1 22.7

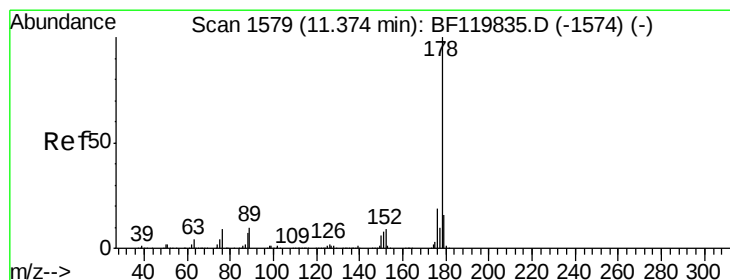
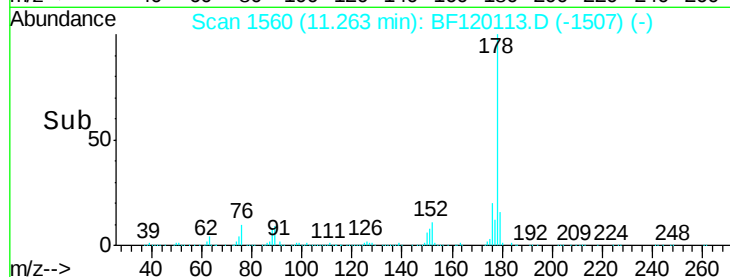
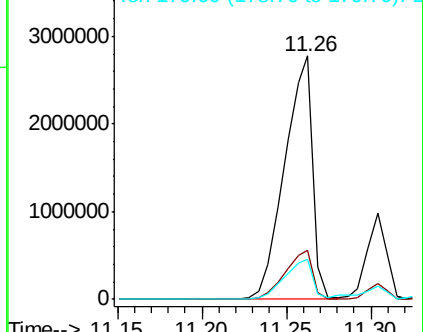
179 16.5 12.2 18.4



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: 36.698 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

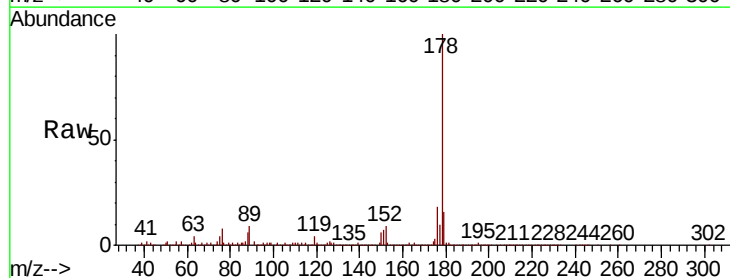
Tgt Ion:178 Resp: 767326

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.2

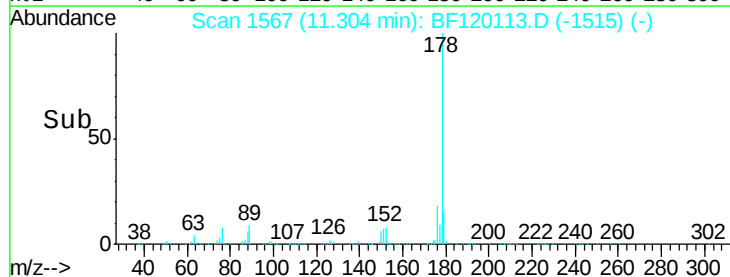
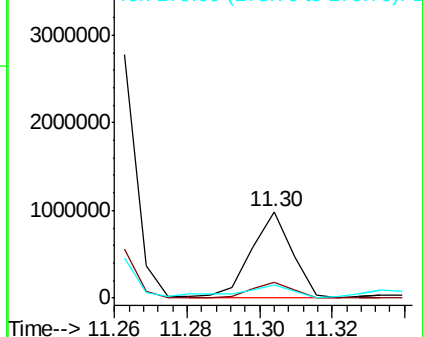
179 15.6 12.8 19.2

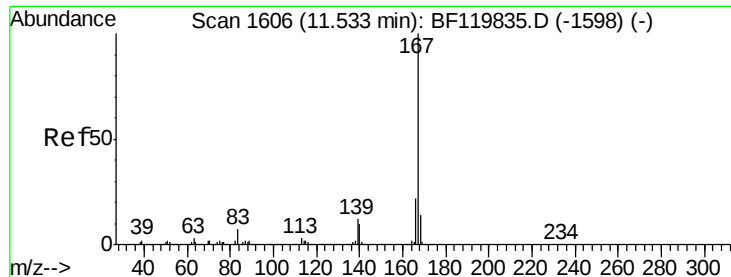


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

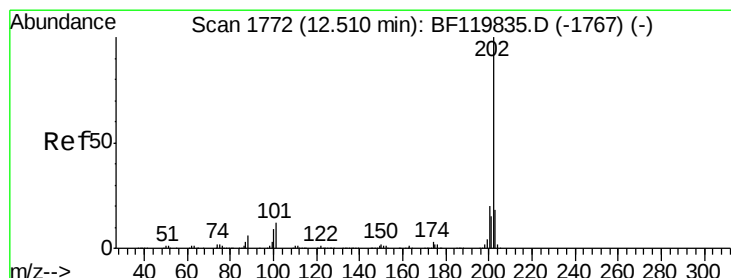
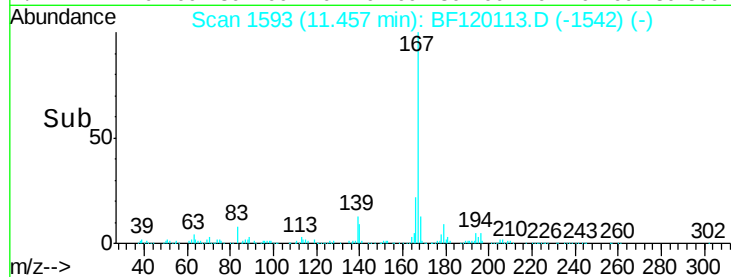
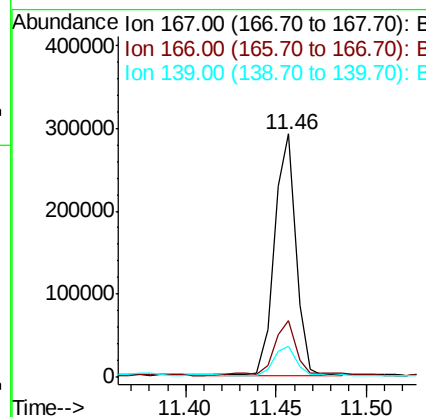
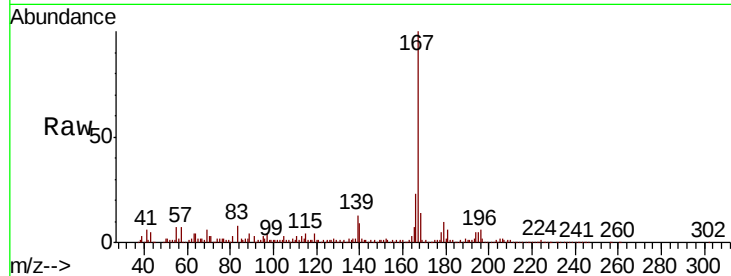




#73
 Carbazole
 Concen: 12.155 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF120113.D
 Acq: 21 Apr 2020 20:14

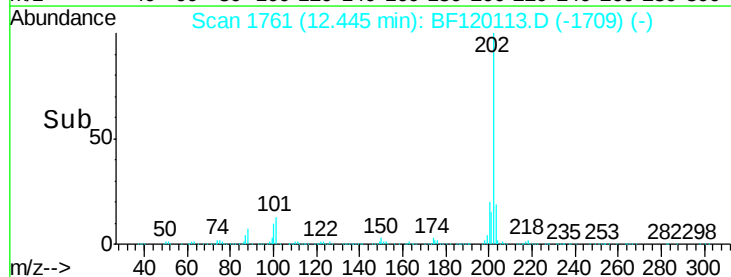
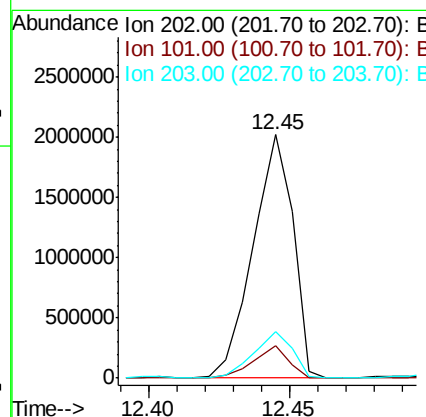
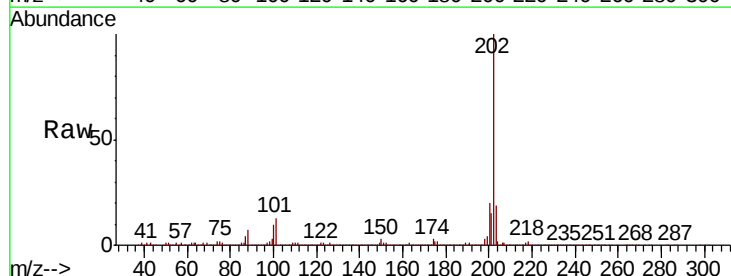
Instrument :
 BNA_F
 ClientSampleId :
 WB-10-1

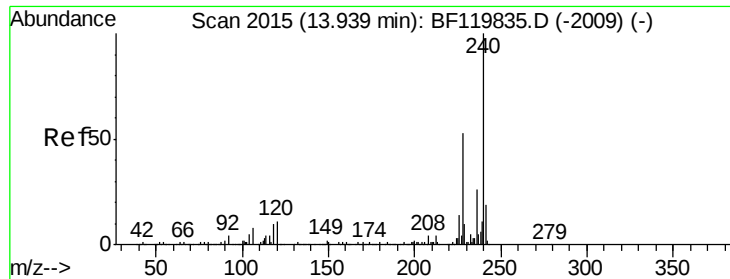
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.4	26.0
139	13.0	9.8	14.8



#75
 Fluoranthene
 Concen: 89.553 ng
 RT: 12.45 min Scan# 1761
 Delta R.T. 0.01 min
 Lab File: BF120113.D
 Acq: 21 Apr 2020 20:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.3
203	18.9	0.0	37.6

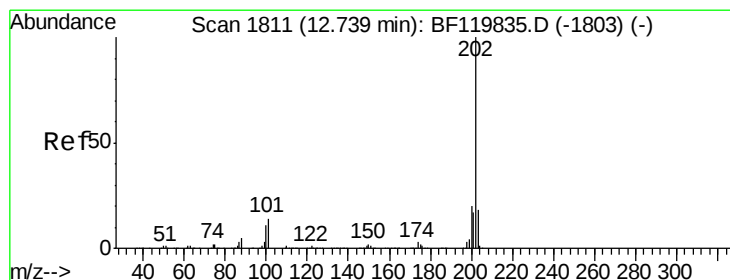
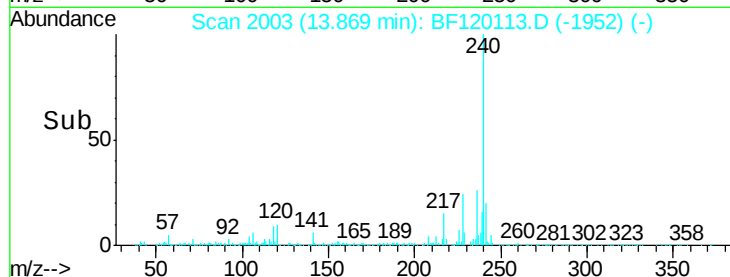
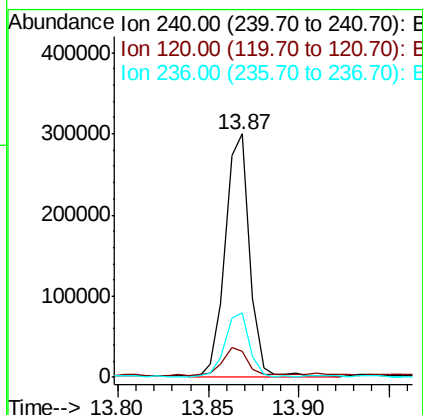
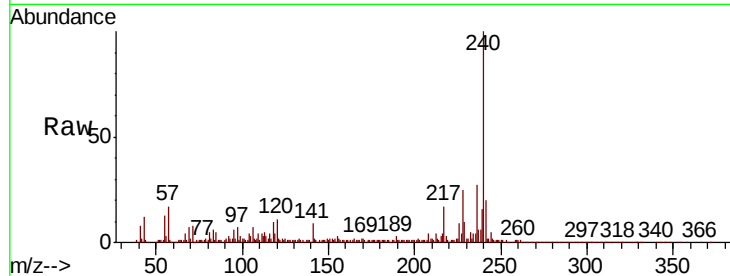




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

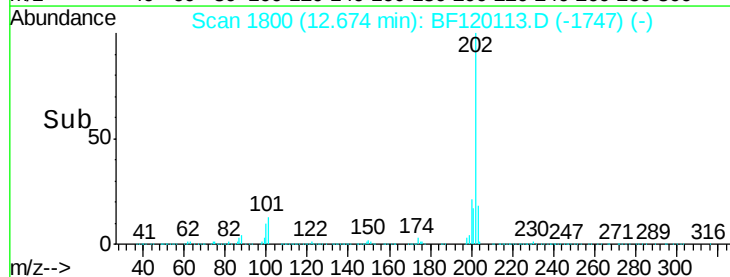
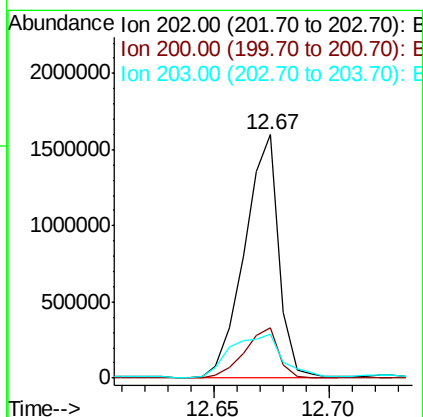
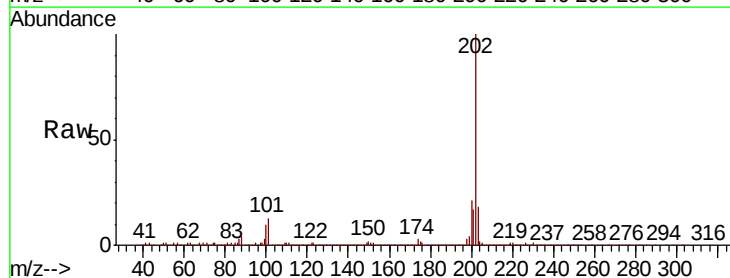
Instrument :
BNA_F
ClientSampleId :
WB-10-1

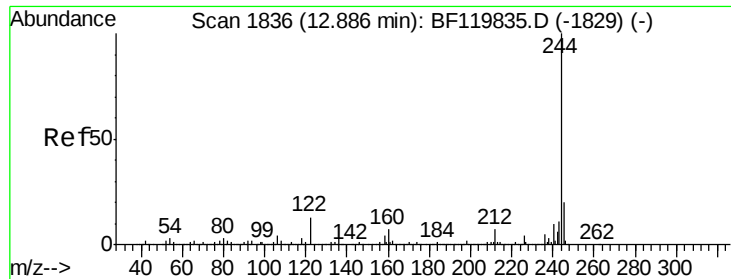
Tot Ion:240 Resp: 280422
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.6
236 26.7 20.7 31.1



#78
Pyrene
Concen: 69.516 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

Tgt Ion:202 Resp: 1643354
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 47.757 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

Instrument :

BNA_F

ClientSampleId :

WB-10-1

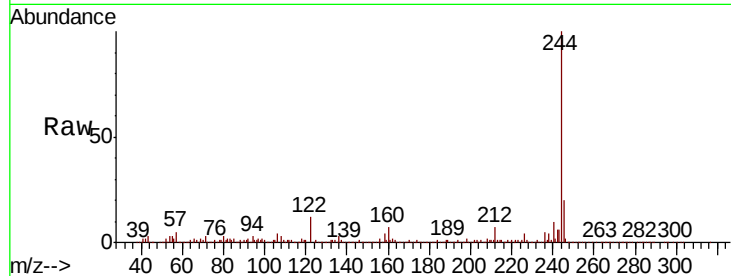
Tot Ion:244 Resp: 795889

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

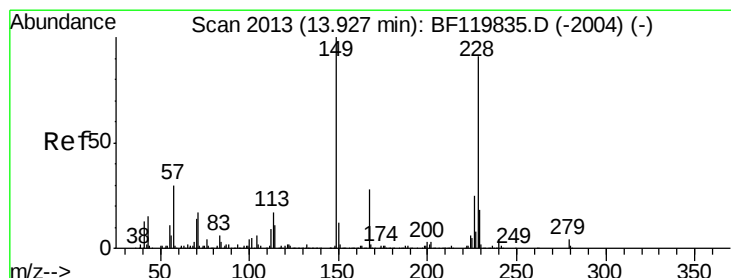
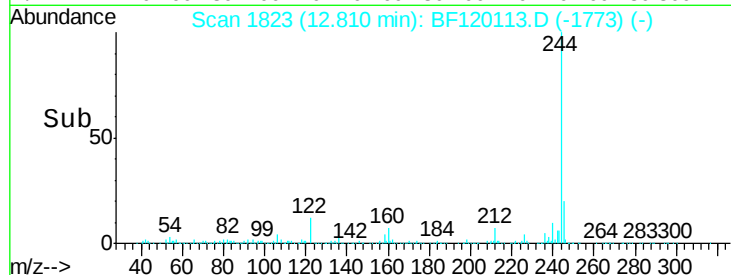
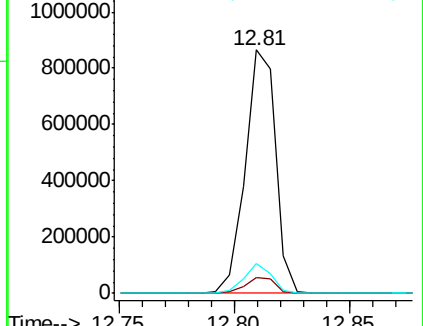
122 12.4 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 25.980 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF120113.D

Acq: 21 Apr 2020 20:14

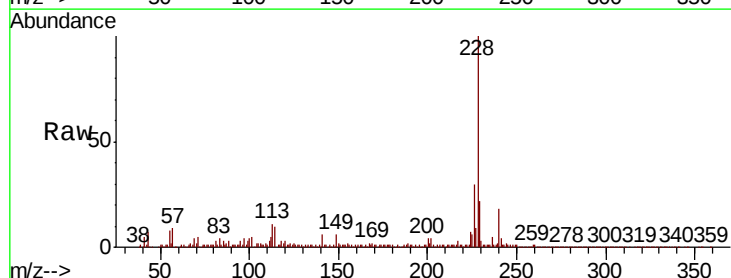
Tgt Ion:228 Resp: 479271

Ion Ratio Lower Upper

228 100

226 30.0 21.9 32.9

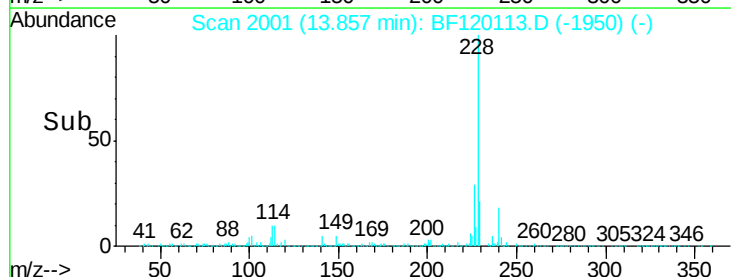
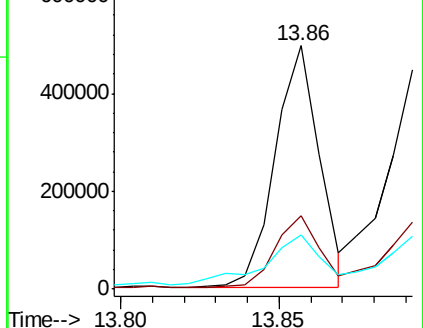
229 22.0 15.9 23.9

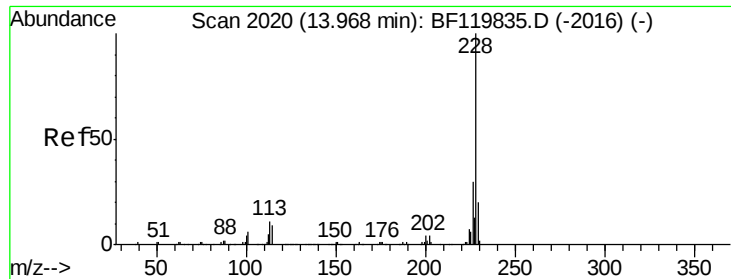


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

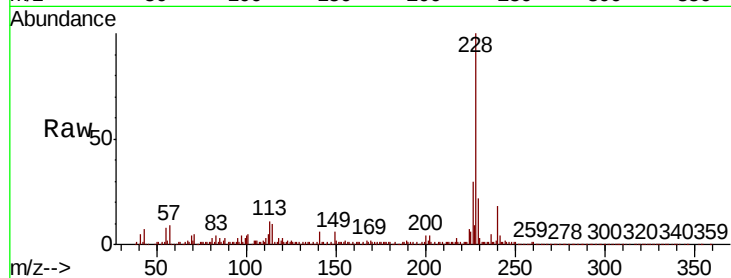




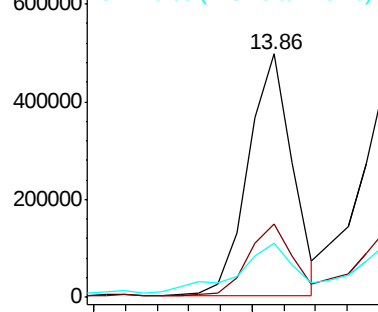
#83
Chrysene
Concen: 25.568 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.04 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

Instrument :
BNA_F
ClientSampleId :
WB-10-1

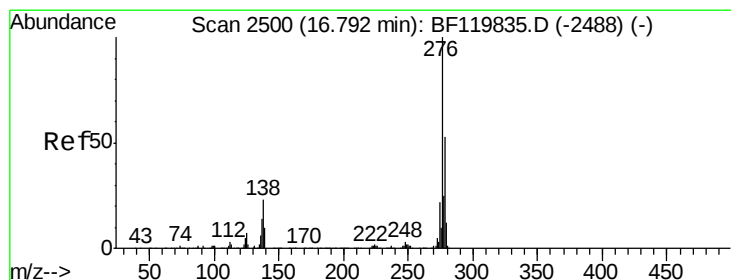
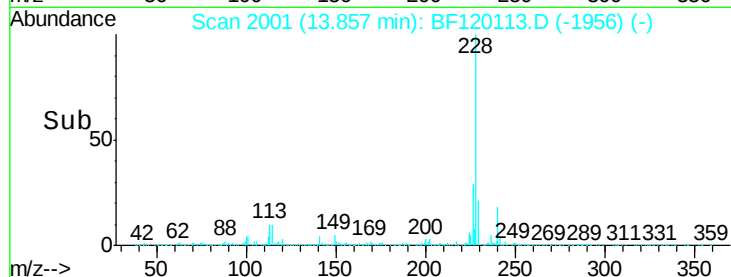
Tot Ion:228 Resp: 479271
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 22.0 15.9 23.9



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

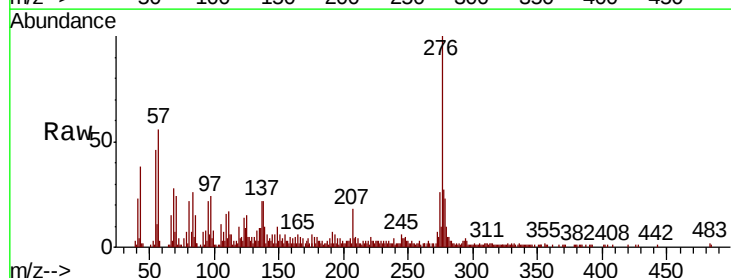


Time--> 13.80

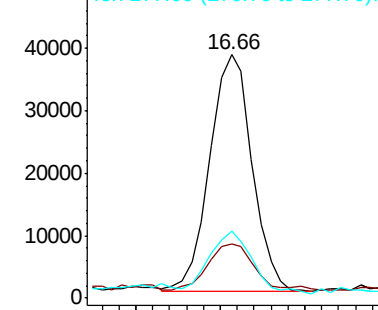


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.998 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

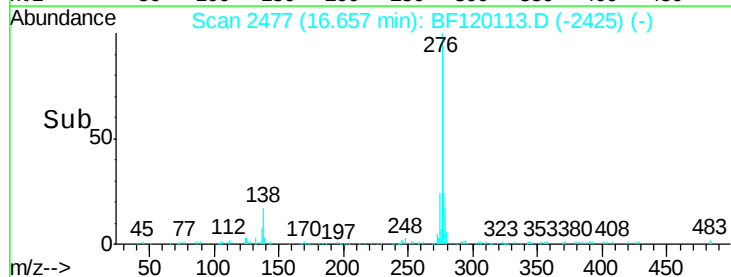
Tgt Ion:276 Resp: 66059
Ion Ratio Lower Upper
276 100
138 21.9 18.0 27.0
277 26.9 20.1 30.1

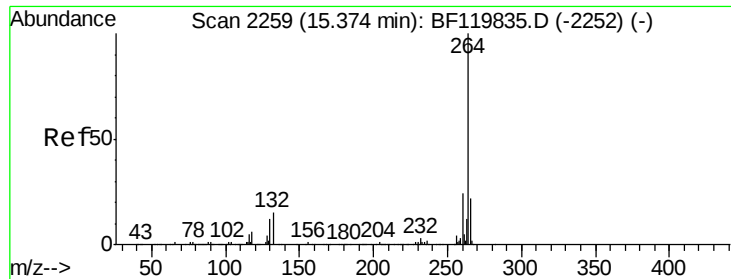


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 16.60

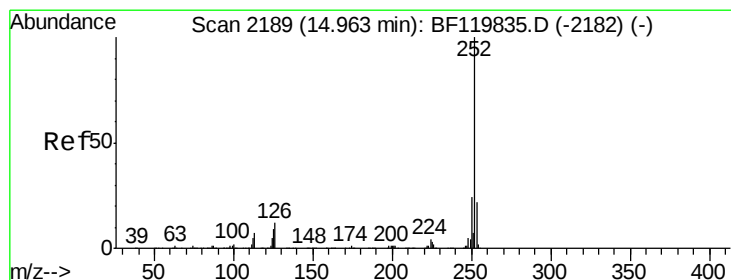
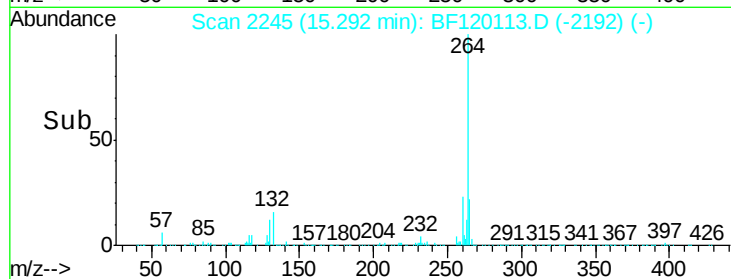
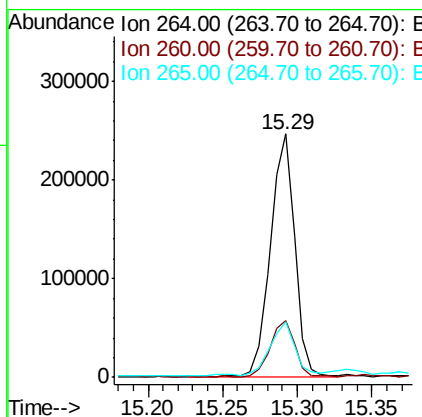
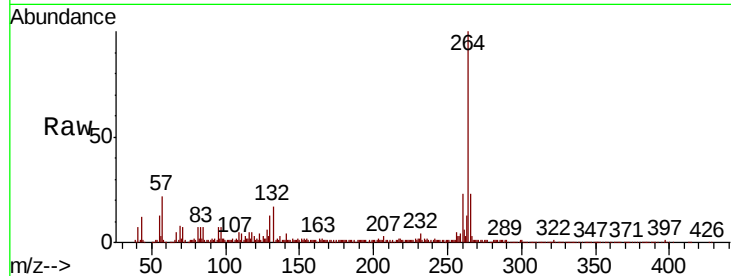




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

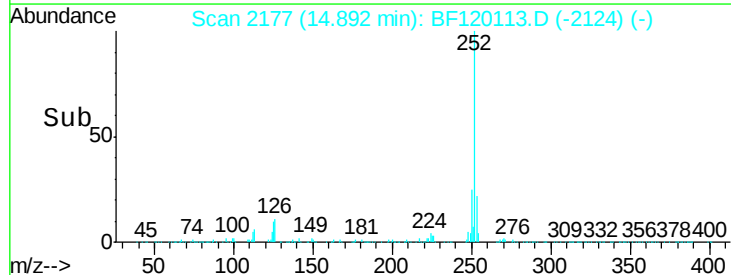
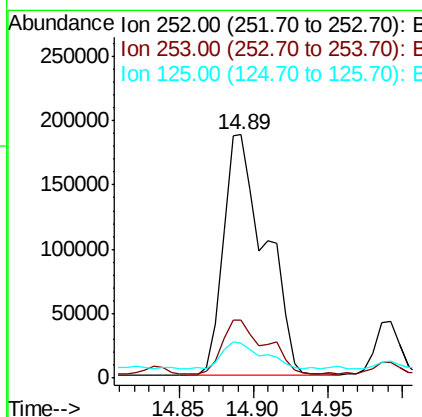
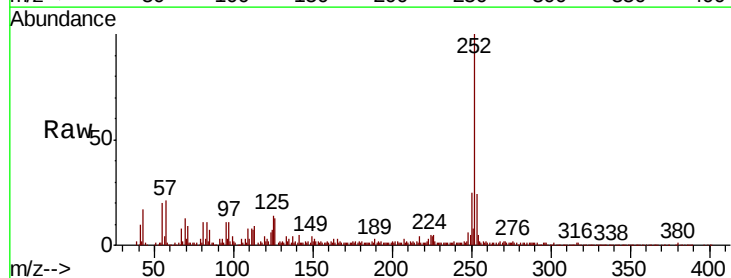
Instrument :
BNA_F
ClientSampleId :
WB-10-1

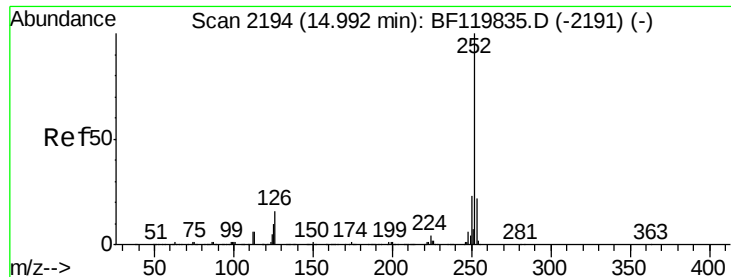
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	22.9	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 18.441 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	14.3	7.4	11.2

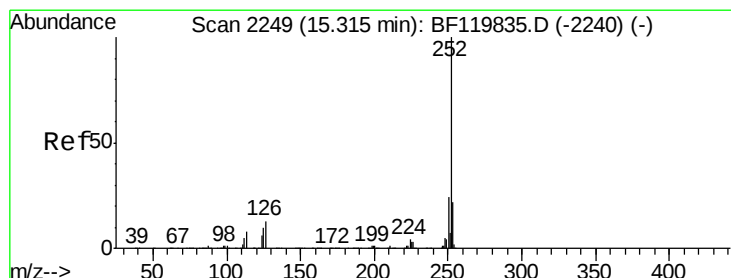
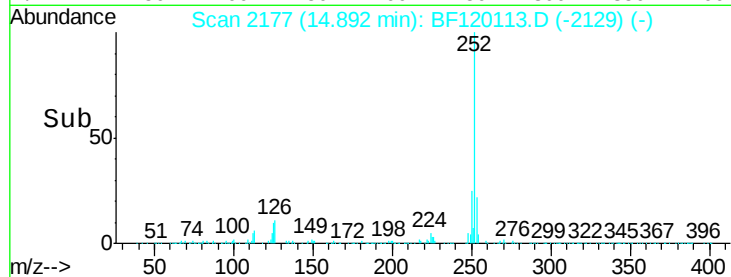
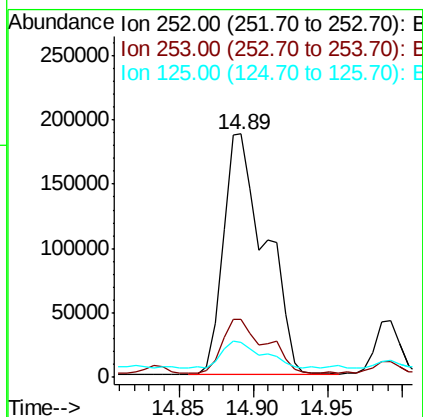
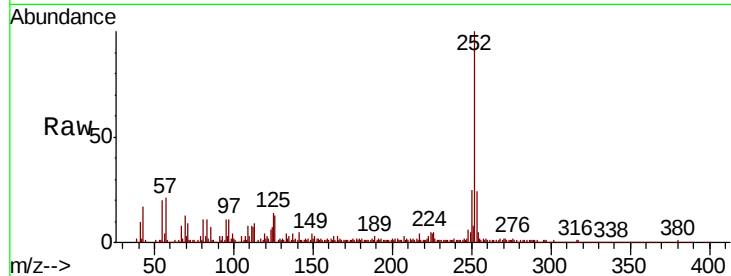




#89
Benzo(k)fluoranthene
Concen: 21.373 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

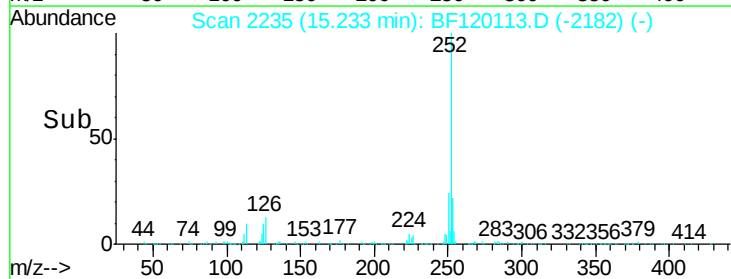
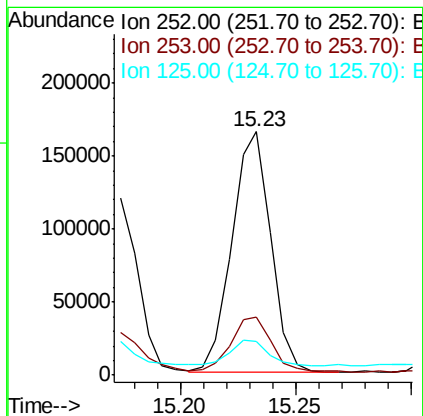
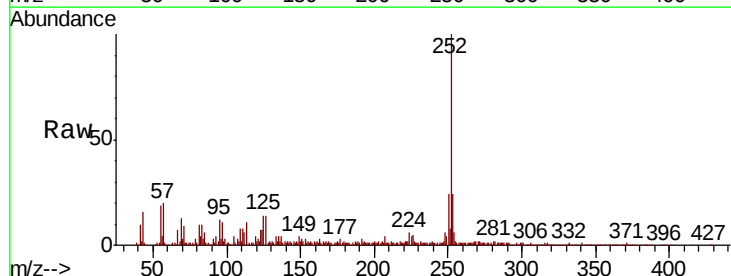
Instrument :
BNA_F
ClientSampleId :
WB-10-1

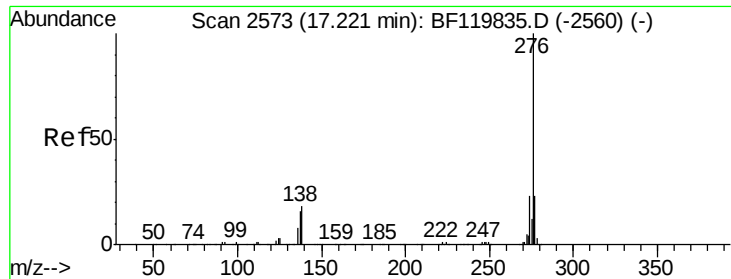
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	14.3	7.7	11.5



#90
Benzo(a)pyrene
Concen: 11.551 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF120113.D
Acq: 21 Apr 2020 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	13.7	8.3	12.5





#92
 Benzo(a,h,i)perylene
 Concen: 4.278 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: BF120113.D
 Acq: 21 Apr 2020 20:14

Instrument :
 BNA_F
 ClientSampleId :
 WB-10-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.5	27.7
138	23.0	14.6	22.0

