

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
 Data File : BF121806.D
 Acq On : 2 Oct 2020 21:23
 Operator : JU/CG
 Sample : L4213-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-3

Quant Time: Oct 03 00:19:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	102133	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	338621	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	150976	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	268469	20.00	ng	0.00
76) Chrysene-d12	13.93	240	263501	20.00	ng	0.00
86) Perylene-d12	15.36	264	261041	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	564482	82.14	ng	0.00
7) Phenol-d6	6.40	99	686000	76.09	ng	-0.01
23) Nitrobenzene-d5	7.33	82	442775	70.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	152201	81.11	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	716936	71.92	ng	-0.01
79) Terphenyl-d14	12.87	244	700155	53.83	ng	-0.01

Target Compounds

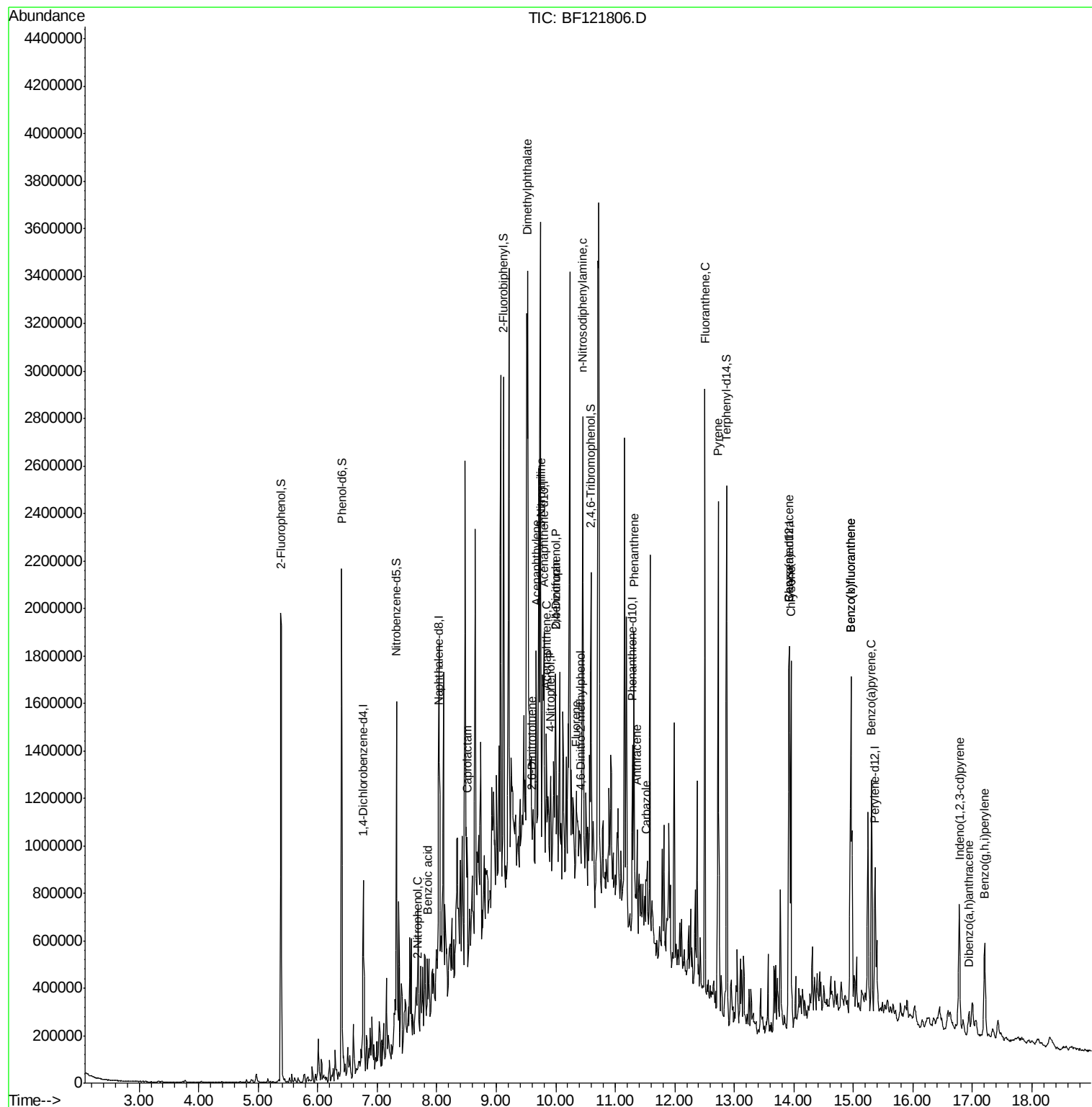
						Qvalue
26) 2-Nitrophenol	7.67	139	1586	3.027	ng	# 1
32) Benzoic acid	7.85	122	5703	8.090	ng	# 22
35) Caprolactam	8.51	113	5938	3.455	ng	# 1
49) Acenaphthylene	9.66	152	54632	3.733	ng	# 78
50) Dimethylphthalate	9.52	163	81005	7.403	ng	# 58
51) 2,6-Dinitrotoluene	9.60	165	4692	2.013	ng	# 39
52) Acenaphthene	9.83	154	28722	3.107	ng	# 96
53) 3-Nitroaniline	9.75	138	9134	3.383	ng	# 12
54) 2,4-Dinitrophenol	10.00	184	649	9.476	ng	# 1
55) Dibenzofuran	10.00	168	27647	2.124	ng	# 69
56) 4-Nitrophenol	9.92	139	4396	2.042	ng	# 1
58) Fluorene	10.35	166	30472	3.061	ng	# 94
65) 4,6-Dinitro-2-methylphenol	10.42	198	880	7.310	ng	# 1
66) n-Nitrosodiphenylamine	10.46	169	68655	7.454	ng	# 51
71) Phenanthrene	11.31	178	484973	33.155	ng	# 98
72) Anthracene	11.36	178	148820	9.859	ng	# 98
73) Carbazole	11.52	167	47905	3.517	ng	# 83
75) Fluoranthene	12.50	202	938134	60.081	ng	# 99
78) Pyrene	12.73	202	885465	45.993	ng	# 99
81) Benzo(a)anthracene	13.92	228	591909	35.507	ng	# 98
83) Chrysene	13.95	228	557883	33.048	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.78	276	340147	20.009	ng	# 94
88) Benzo(b)fluoranthene	14.96	252	1030215	59.035	ng	# 99
89) Benzo(k)fluoranthene	14.96	252	1030215	64.467	ng	# 98
90) Benzo(a)pyrene	15.30	252	464338	31.303	ng	# 96
91) Dibenzo(a,h)anthracene	16.94	278	62402	4.410	ng	# 96
92) Benzo(g,h,i)perylene	17.20	276	299758	21.549	ng	# 100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121806.D
Acq On : 2 Oct 2020 21:23
Operator : JU/CG
Sample : L4213-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-3

Quant Time: Oct 03 00:19:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration



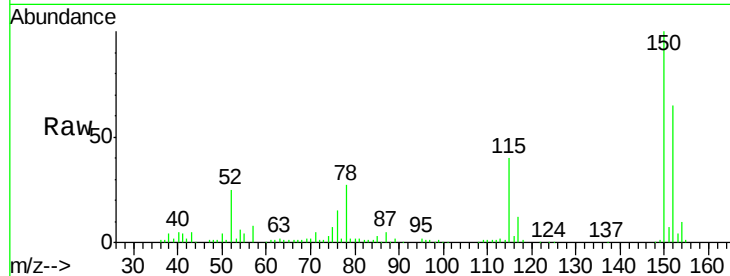


#1

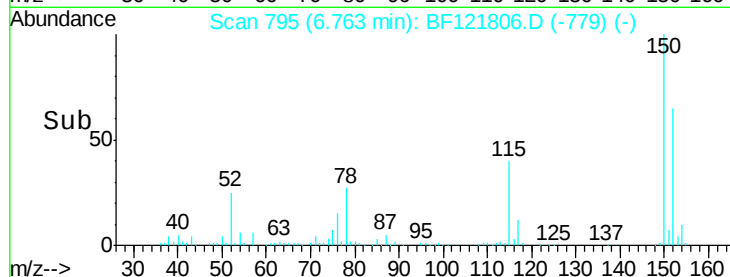
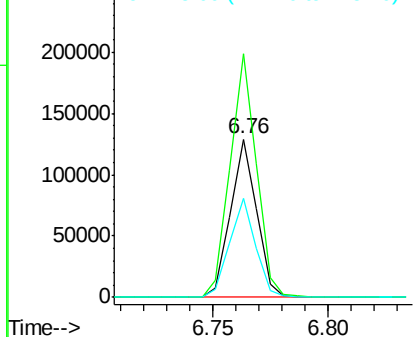
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

Instrument :
BNA_F
ClientSampleId :
DUP-3

Tot Ion:152 Resp: 102133
Ion Ratio Lower Upper
152 100
150 154.2 125.3 187.9
115 62.3 51.9 77.9



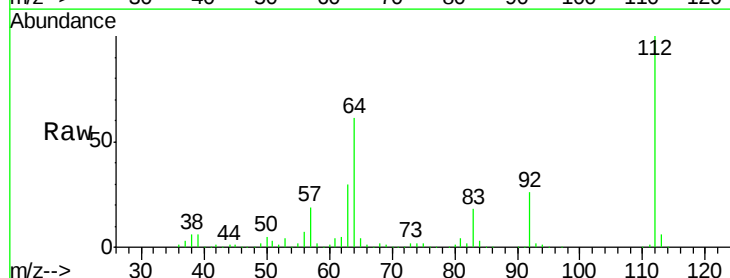
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



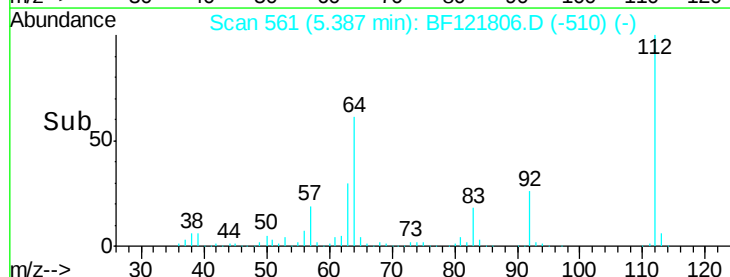
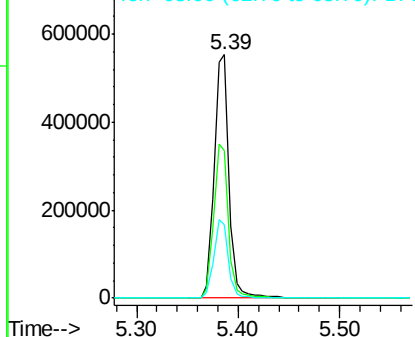
#5

2-Fluorophenol
Concen: 82.137 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

Tgt Ion:112 Resp: 564482
Ion Ratio Lower Upper
112 100
64 60.7 50.4 75.6
63 30.3 25.8 38.6



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: 76.085 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

Instrument :

BNA_F

ClientSampleId :

DUP-3

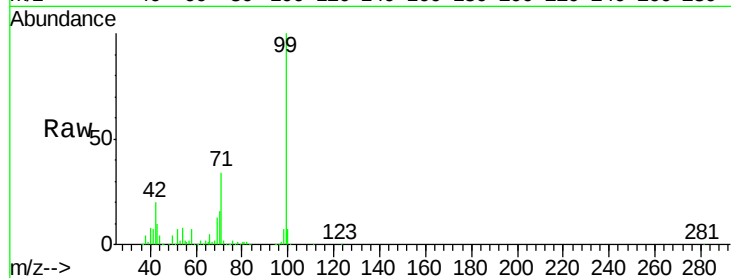
Tot Ion: 99 Resp: 686000

Ion Ratio Lower Upper

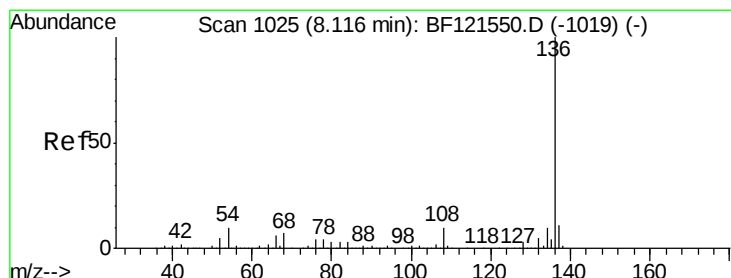
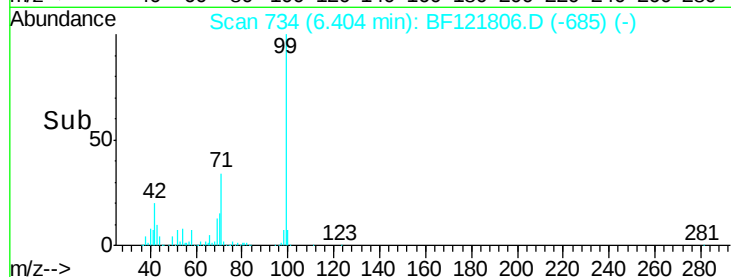
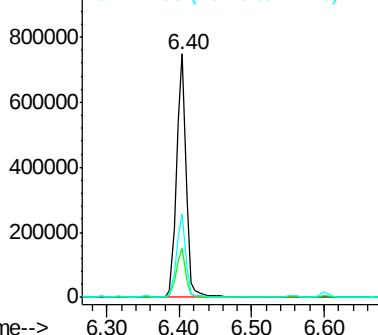
99 100

42 20.2 15.9 23.9

71 34.2 27.1 40.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

Tgt Ion: 136 Resp: 338621

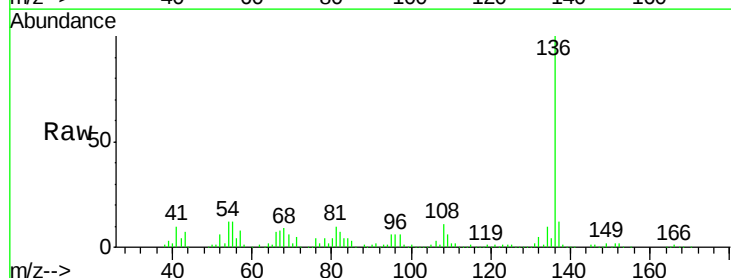
Ion Ratio Lower Upper

136 100

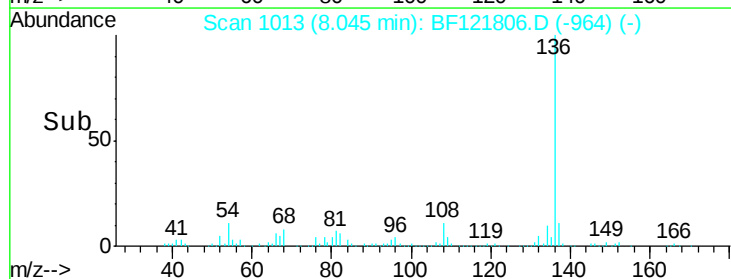
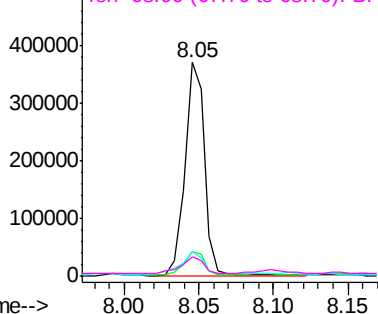
137 11.6 8.6 13.0

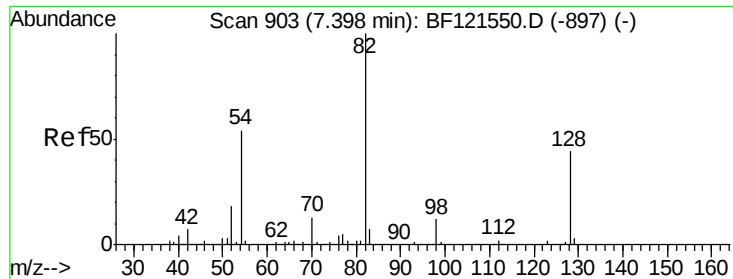
54 11.6 7.1 10.7#

68 9.0 5.0 7.4#



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

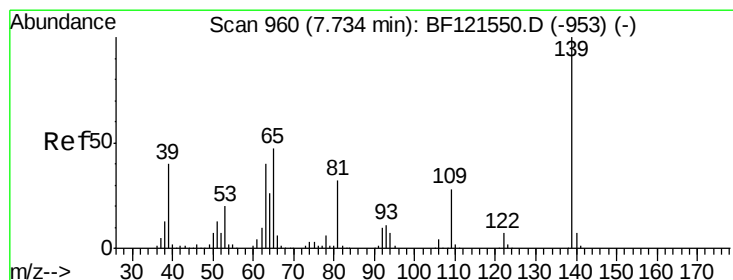
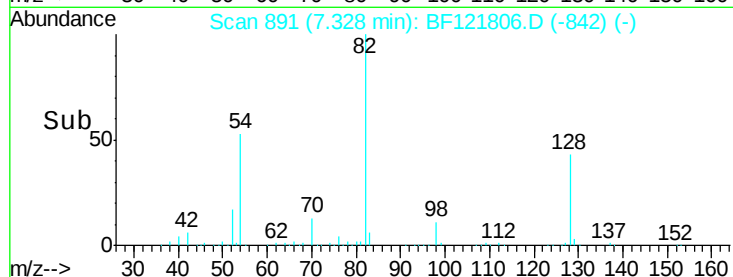
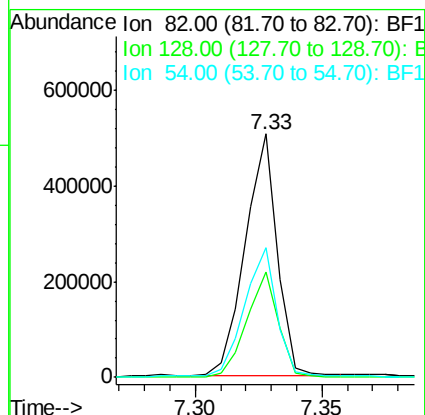
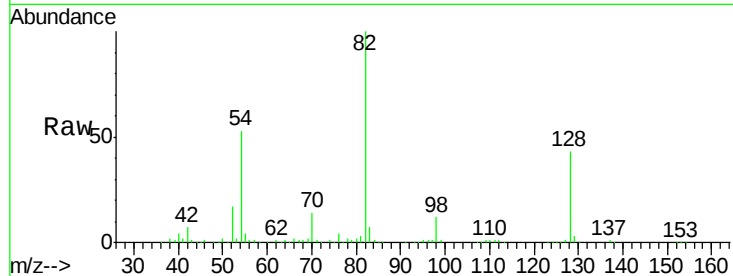




#23
Nitrobenzene-d5
Concen: 70.206 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

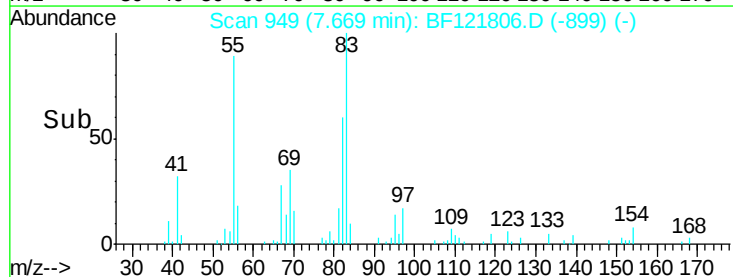
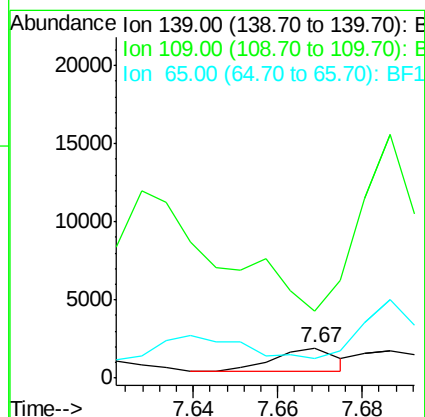
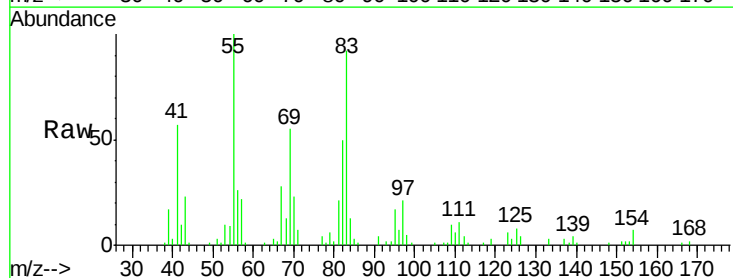
Instrument :
BNA_F
ClientSampleId :
DUP-3

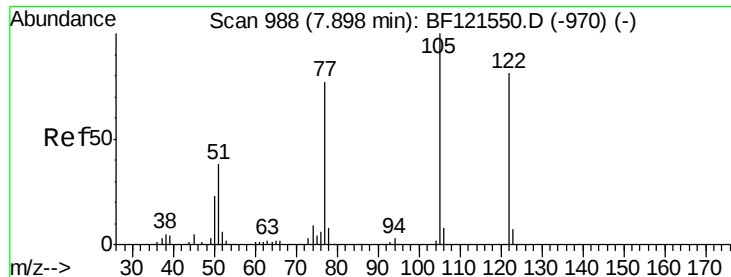
Tot Ion: 82 Resp: 442775
Ion Ratio Lower Upper
82 100
128 43.1 35.0 52.4
54 53.1 43.9 65.9



#26
2-Nitrophenol
Concen: 3.027 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

Tgt Ion: 139 Resp: 1586
Ion Ratio Lower Upper
139 100
109 222.2 23.0 34.4#
65 64.5 39.9 59.9#





#32

Benzoic acid

Concen: 8.090 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

Instrument :

BNA_F

ClientSampleId :

DUP-3

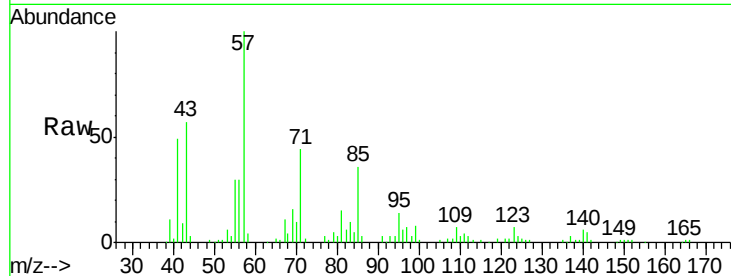
Tot Ion:122 Resp: 5703

Ion Ratio Lower Upper

122 100

105 39.6 103.3 143.3#

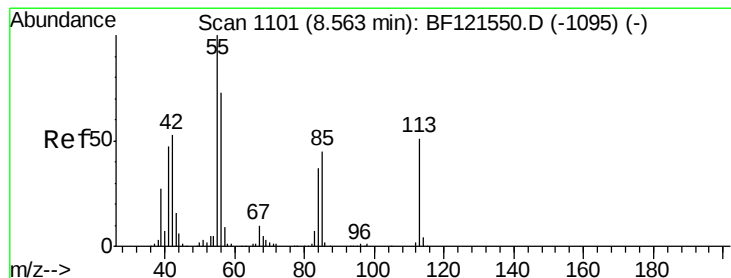
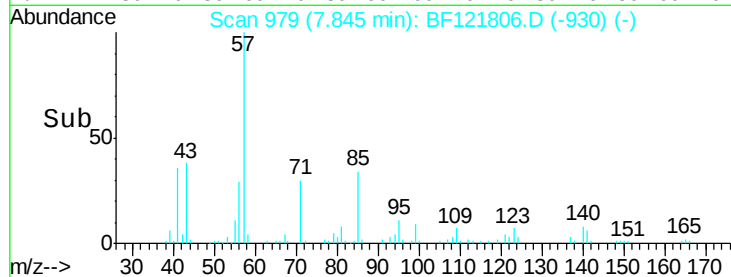
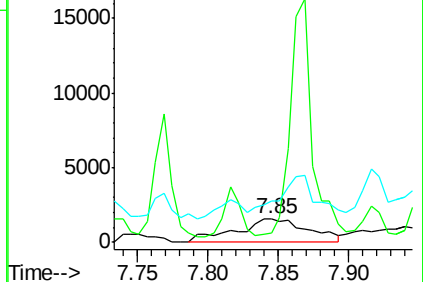
77 174.1 73.9 113.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#35

Caprolactam

Concen: 3.455 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

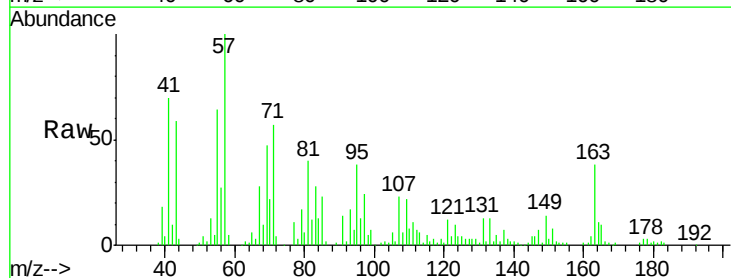
Tgt Ion:113 Resp: 5938

Ion Ratio Lower Upper

113 100

55 1053.7 167.5 207.5#

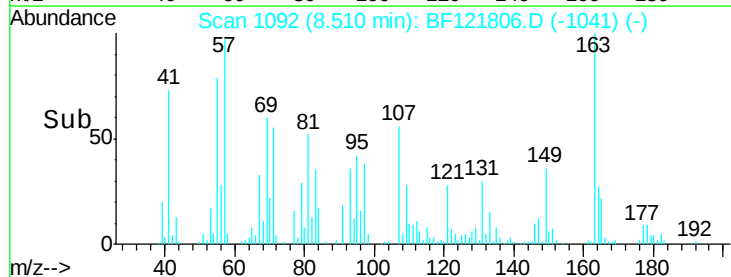
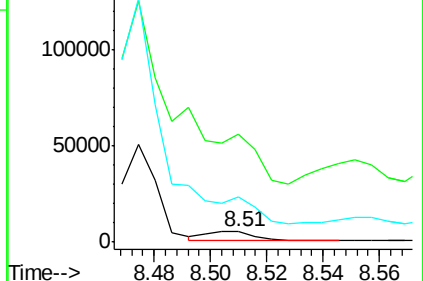
56 443.2 121.2 161.2#

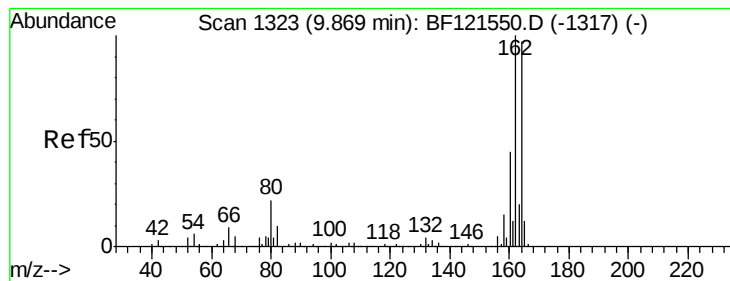


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

Instrument :

BNA_F

ClientSampleId :

DUP-3

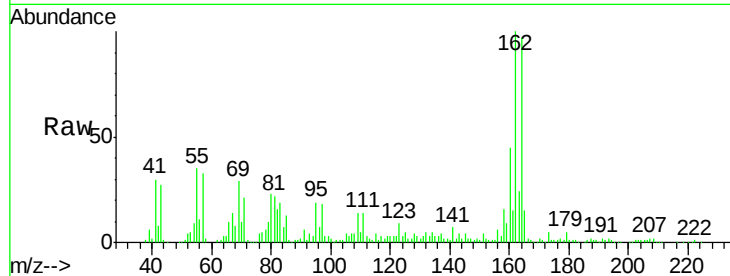
Tot Ion:164 Resp: 150976

Ion Ratio Lower Upper

164 100

162 103.5 83.2 124.8

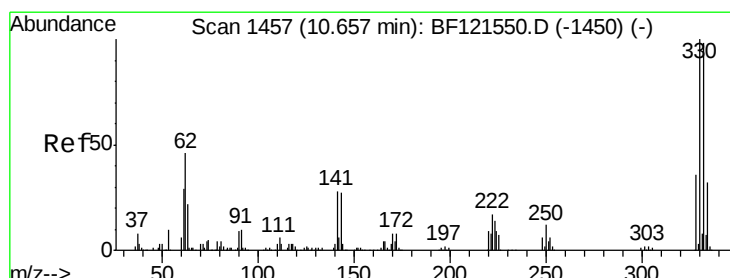
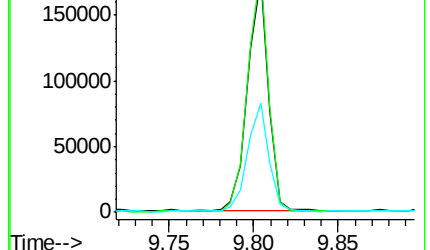
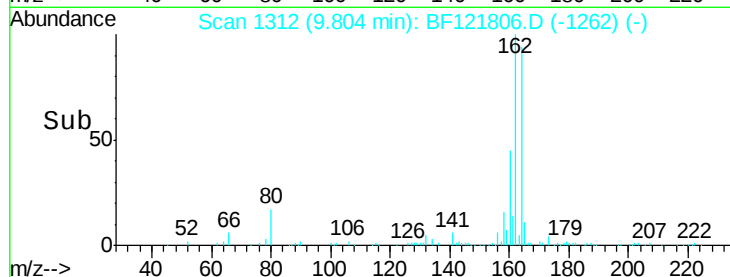
160 46.5 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 81.112 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

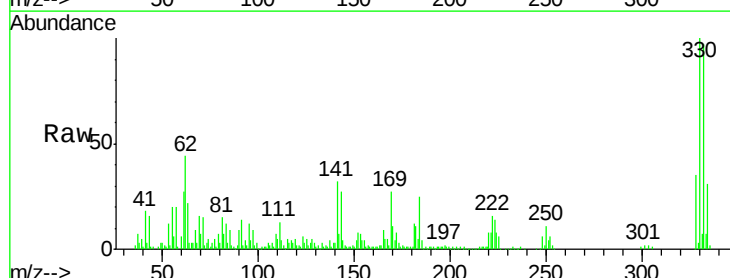
Tgt Ion:330 Resp: 152201

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

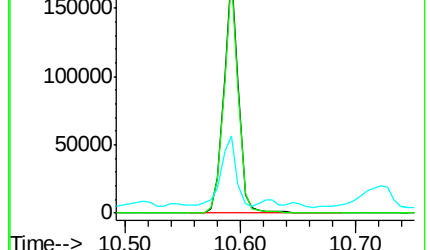
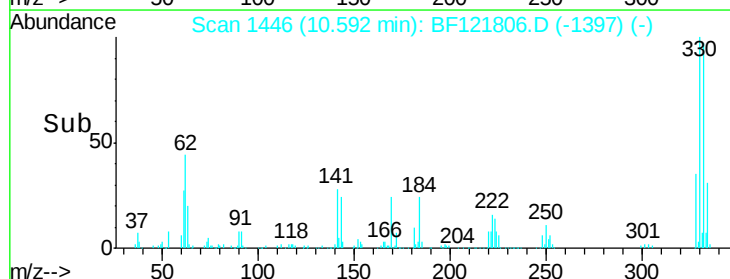
141 29.7 22.3 33.5

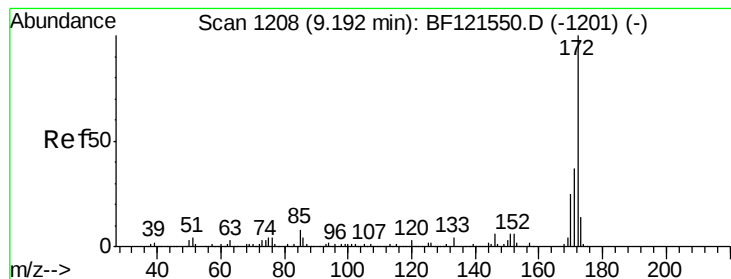


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 71.920 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

Instrument :

BNA_F

ClientSampleId :

DUP-3

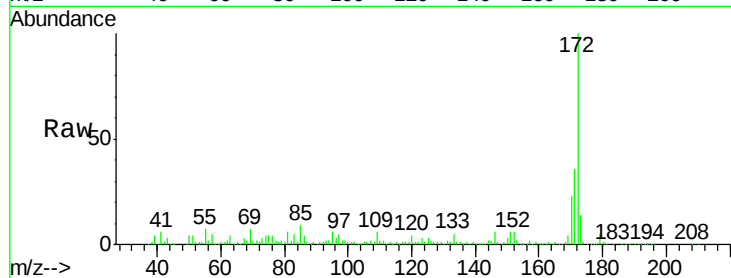
Tot Ion:172 Resp: 716936

Ion Ratio Lower Upper

172 100

171 35.9 29.1 43.7

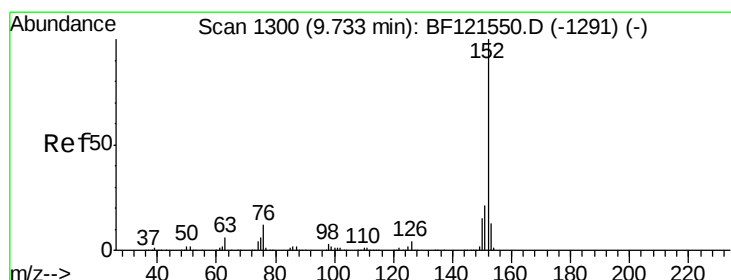
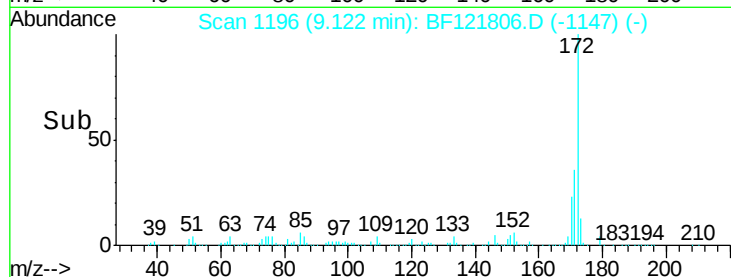
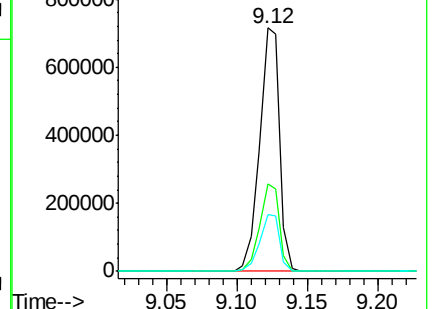
170 23.4 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Acenaphthylene

Concen: 3.733 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

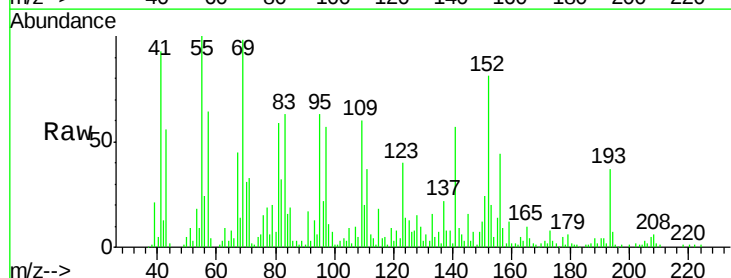
Tgt Ion:152 Resp: 54632

Ion Ratio Lower Upper

152 100

151 28.9 16.4 24.6#

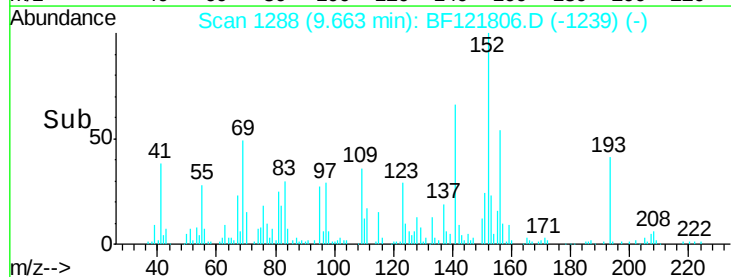
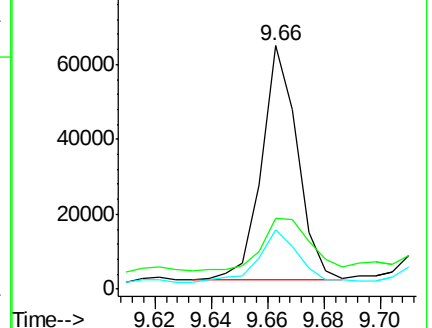
153 24.4 10.6 15.8#

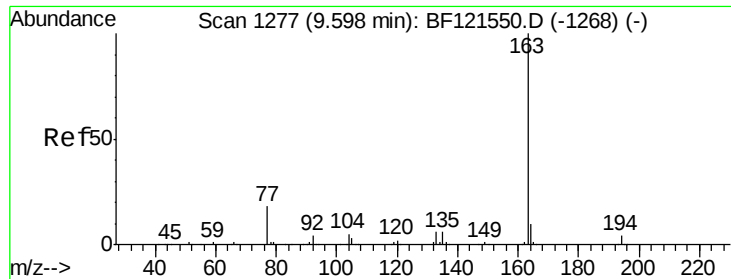


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

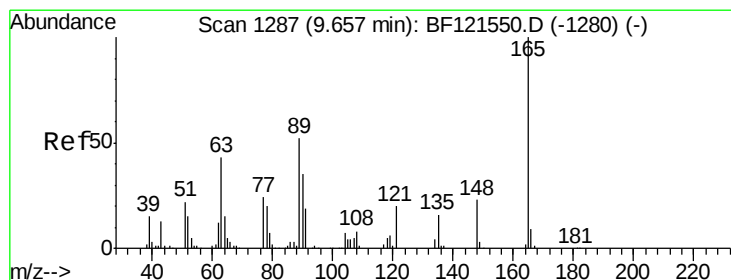
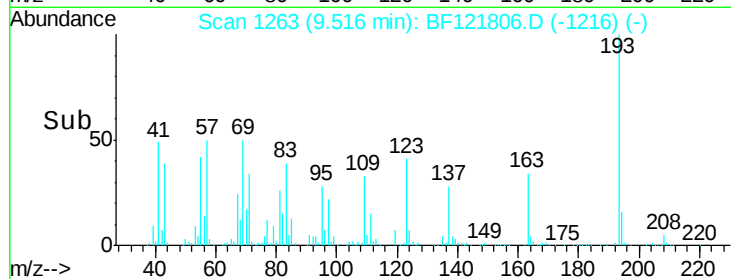
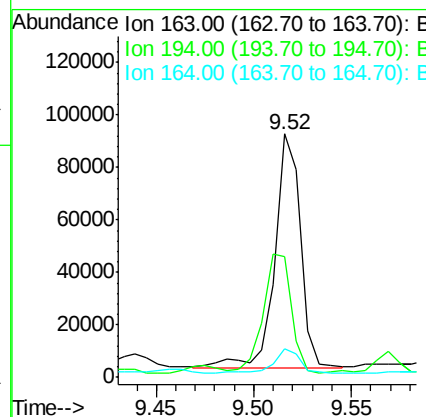
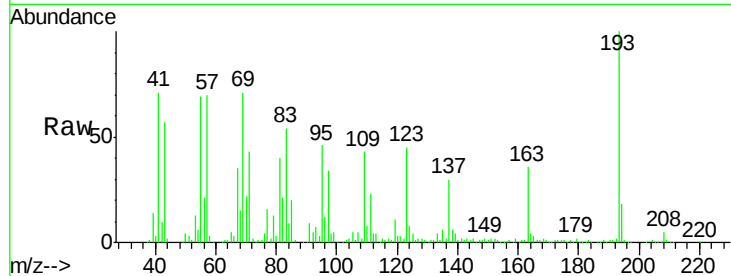




#50
Dimethylphthalate
Concen: 7.403 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

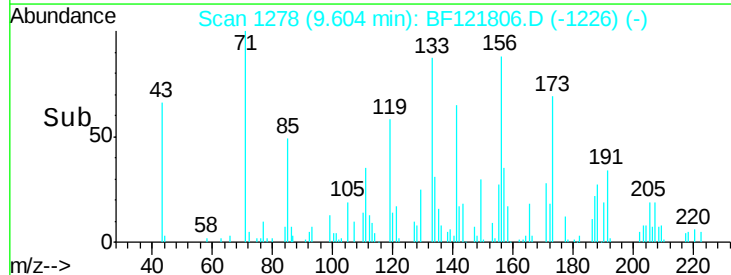
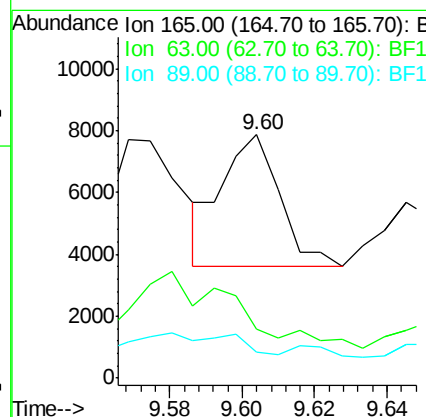
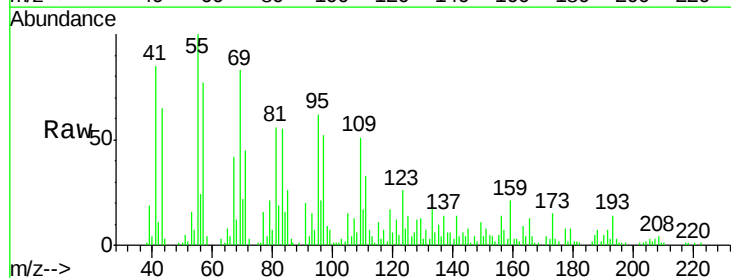
Instrument :
BNA_F
ClientSampleId :
DUP-3

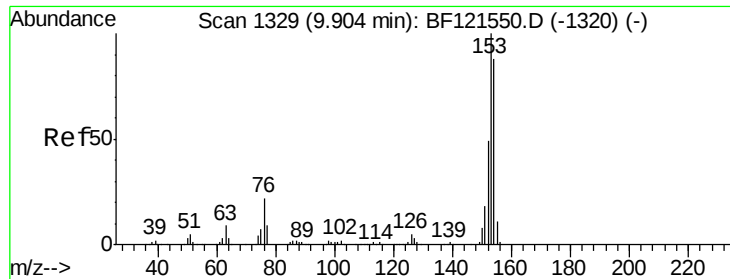
Tot Ion:163 Resp: 81005
Ion Ratio Lower Upper
163 100
194 49.6 3.3 4.9#
164 11.9 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 2.013 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

Tgt Ion:165 Resp: 4692
Ion Ratio Lower Upper
165 100
63 20.3 51.8 77.6#
89 10.5 49.0 73.6#





#52

Acenaphthene

Concen: 3.107 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

Instrument :

BNA_F

ClientSampleId :

DUP-3

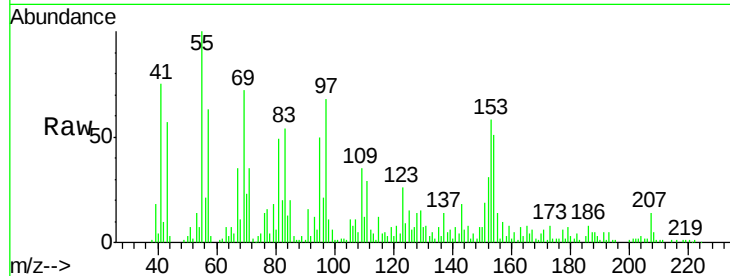
Tot Ion:154 Resp: 28722

Ion Ratio Lower Upper

154 100

153 113.6 89.8 134.8

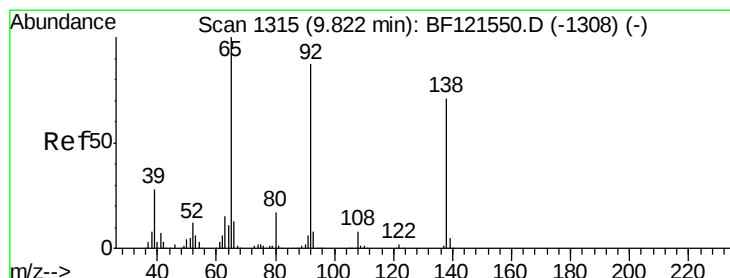
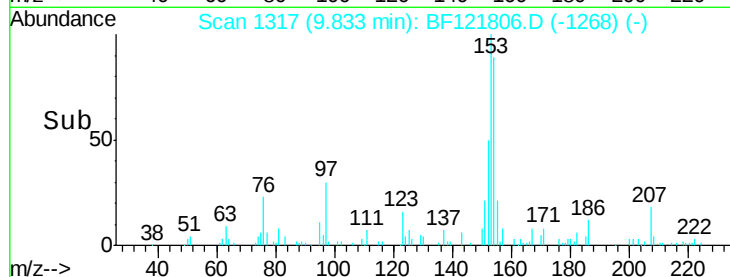
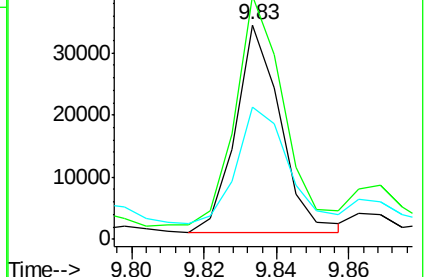
152 62.0 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 3.383 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

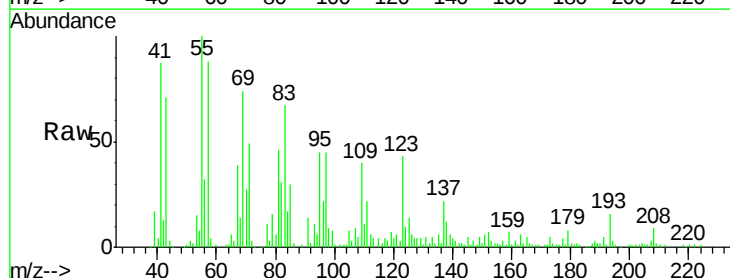
Tgt Ion:138 Resp: 9134

Ion Ratio Lower Upper

138 100

108 37.5 8.6 13.0#

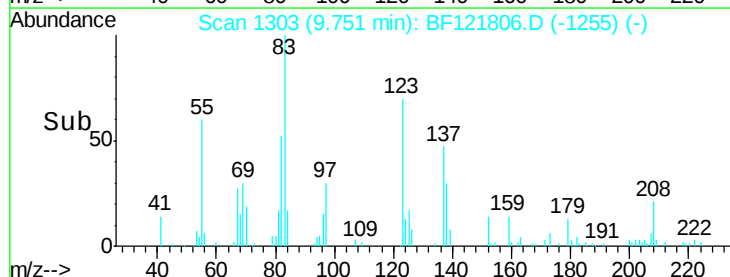
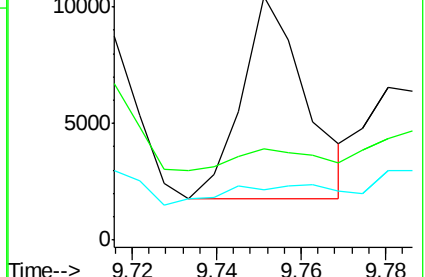
92 20.5 96.6 144.8#

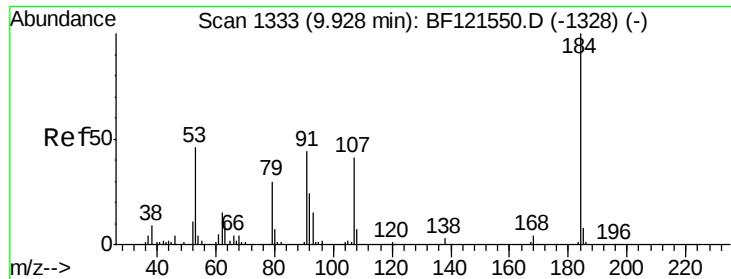


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 9.476 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.12 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

Instrument :

BNA_F

ClientSampleId :

DUP-3

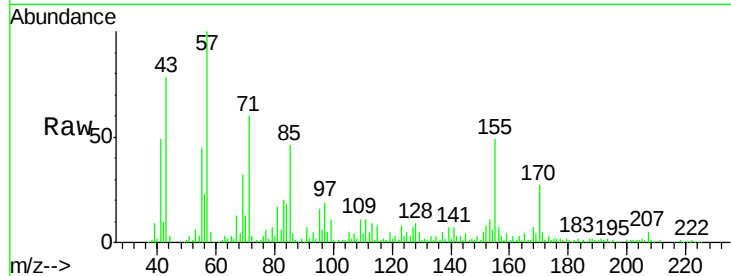
Tot Ion:184 Resp: 649

Ion Ratio Lower Upper

184 100

63 566.4 45.9 68.9#

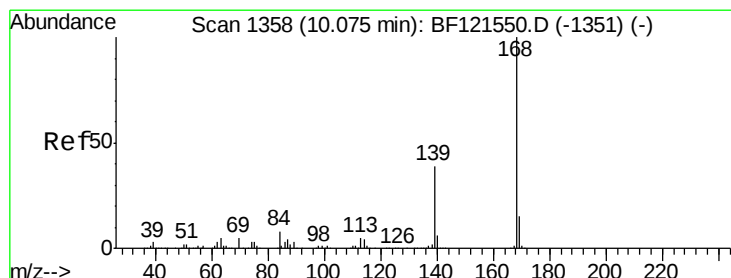
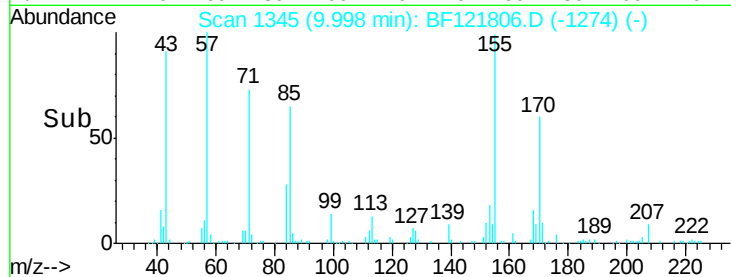
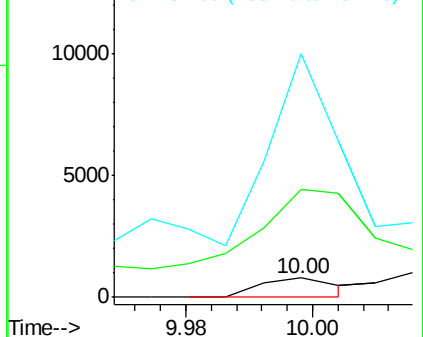
154 1278.5 45.8 68.6#



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: 2.124 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

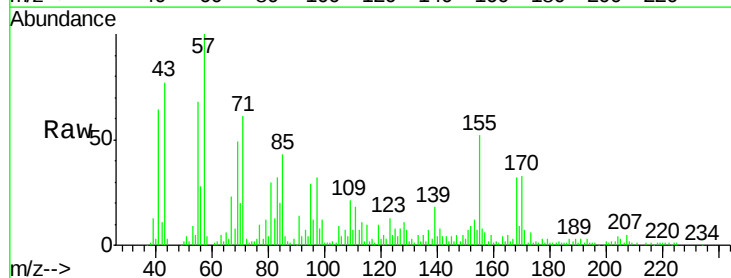
Tgt Ion:168 Resp: 27647

Ion Ratio Lower Upper

168 100

139 56.2 31.0 46.6#

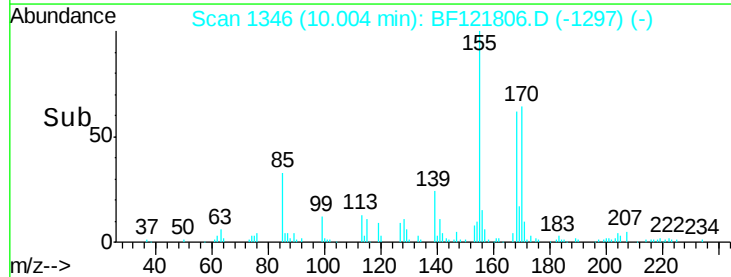
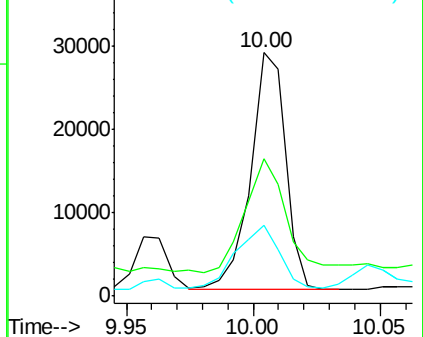
169 29.0 11.3 16.9#

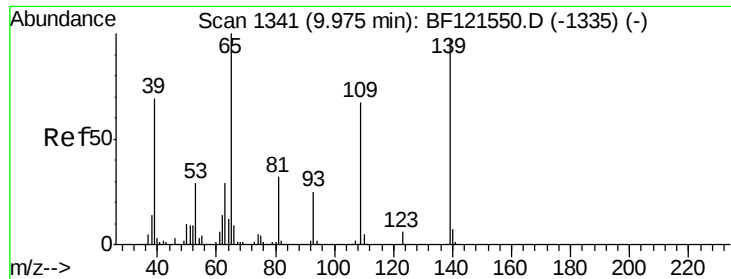


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

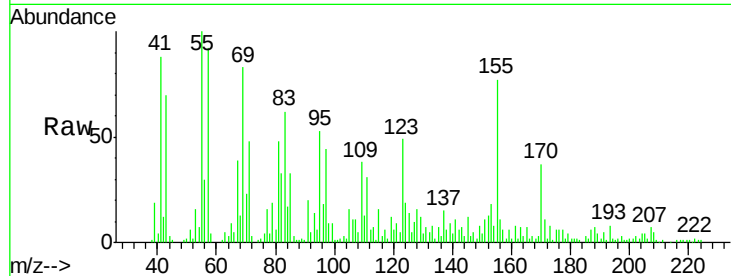




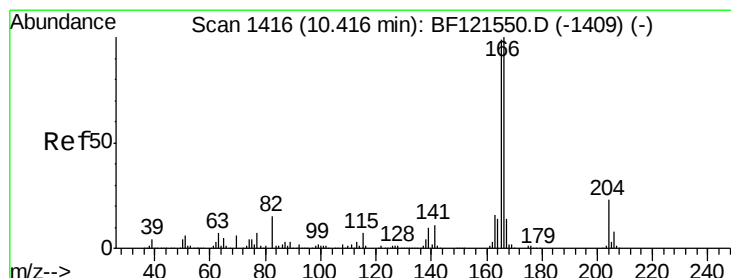
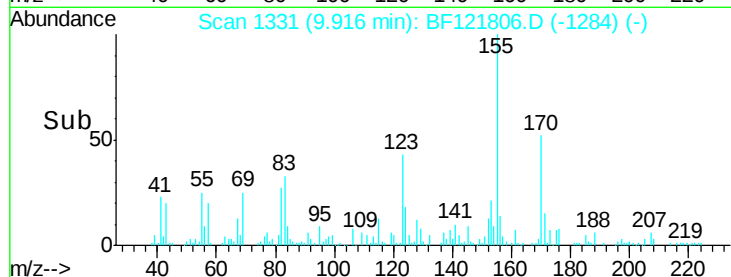
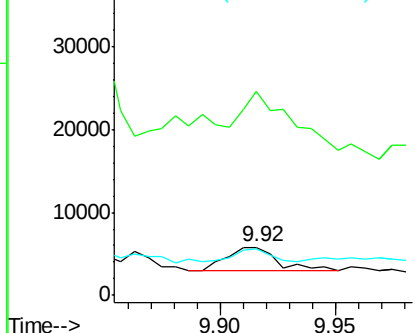
#56
4-Nitrophenol
Concen: 2.042 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

Instrument :
BNA_F
ClientSampleId :
DUP-3

Tot Ion:139 Resp: 4396
Ion Ratio Lower Upper
139 100
109 424.4 45.4 85.4#
65 95.6 68.4 108.4

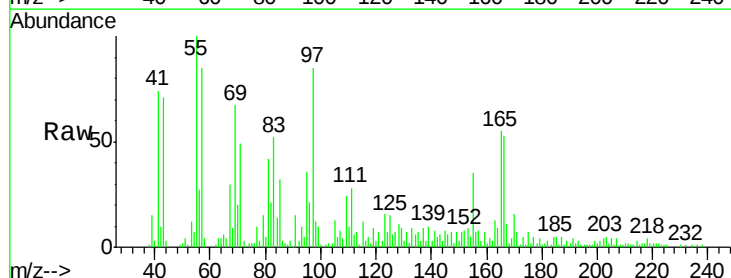


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

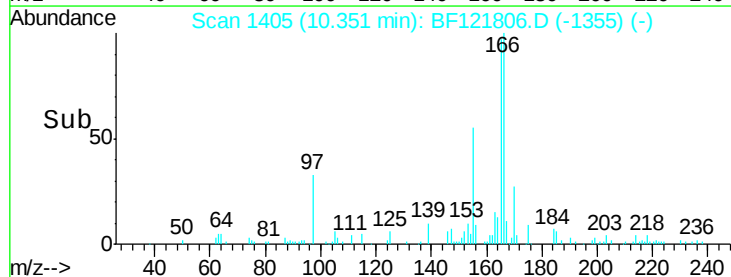
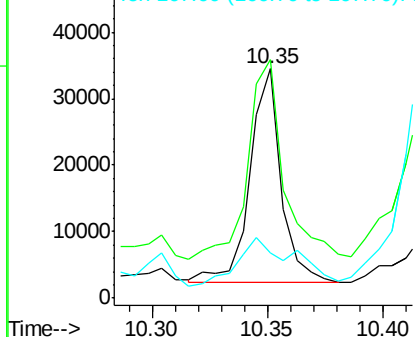


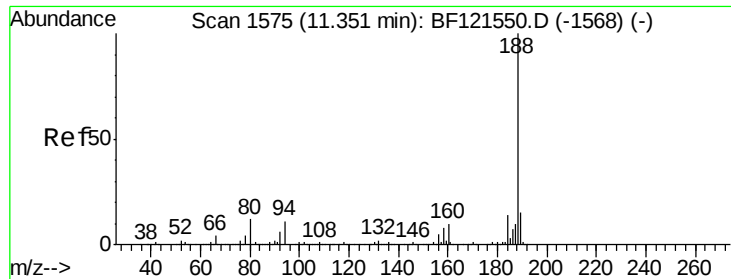
#58
Fluorene
Concen: 3.061 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

Tgt Ion:166 Resp: 30472
Ion Ratio Lower Upper
166 100
165 104.0 79.1 118.7
167 19.8 11.0 16.6#



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: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

Instrument :

BNA_F

ClientSampleId :

DUP-3

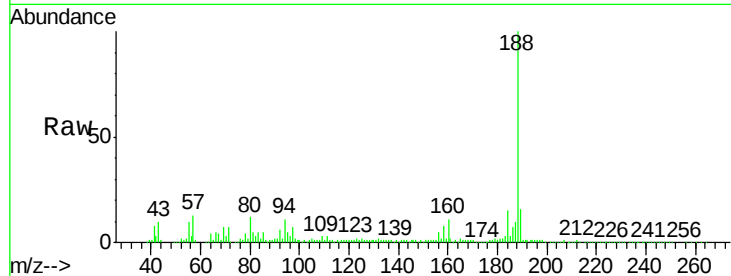
Tot Ion:188 Resp: 268469

Ion Ratio Lower Upper

188 100

94 11.2 8.3 12.5

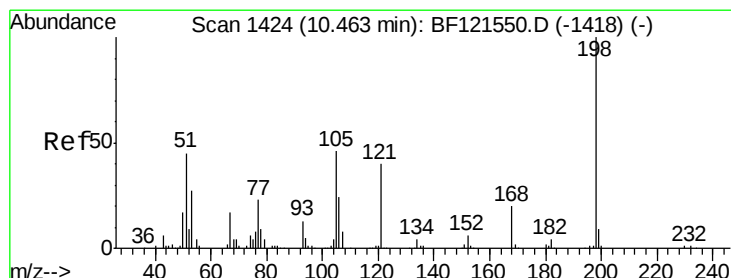
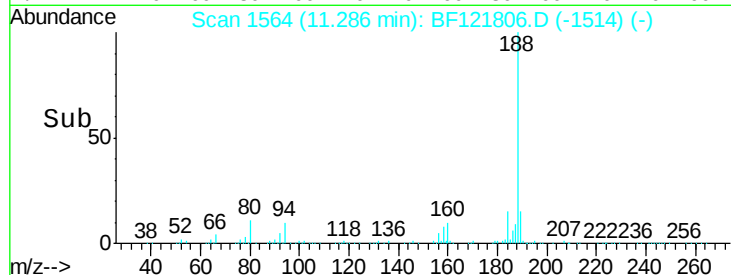
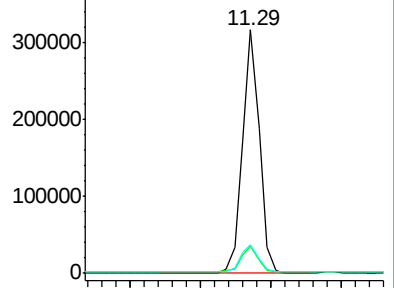
80 11.7 9.1 13.7



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: 7.310 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

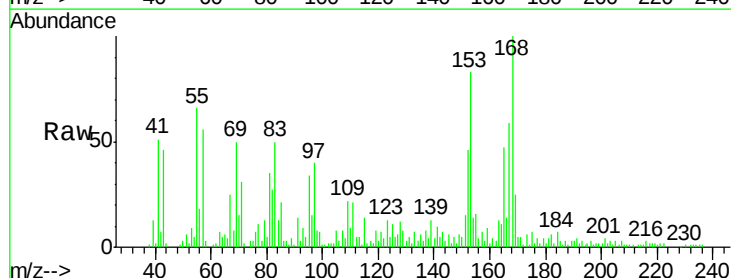
Tgt Ion:198 Resp: 880

Ion Ratio Lower Upper

198 100

51 314.8 29.6 69.6#

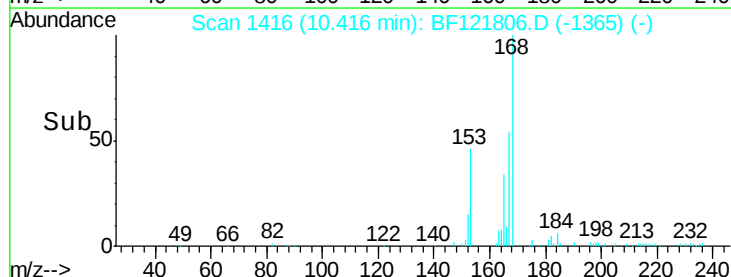
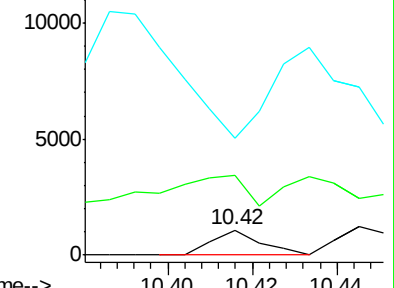
105 464.4 24.4 64.4#

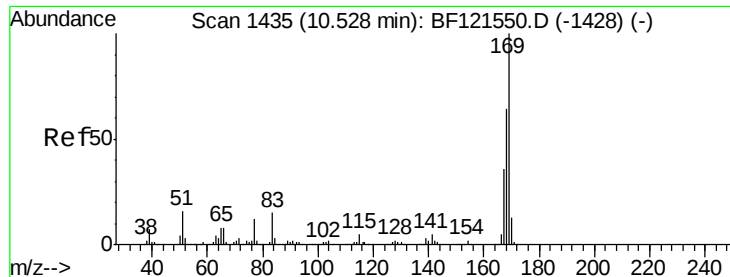


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

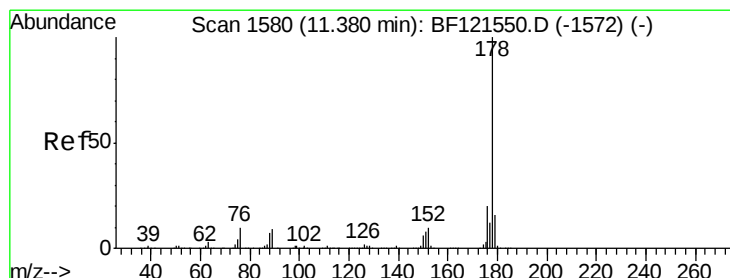
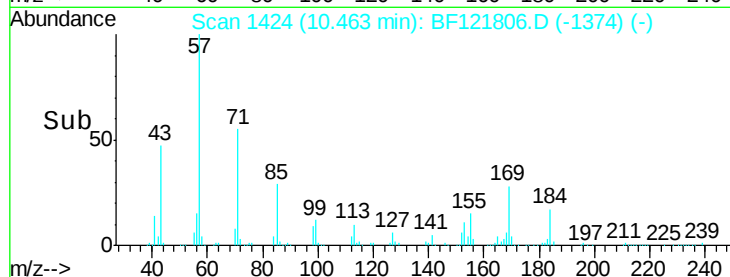
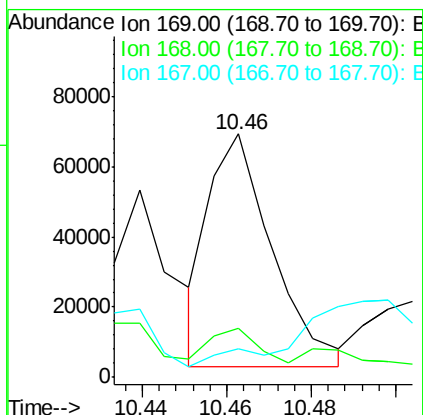
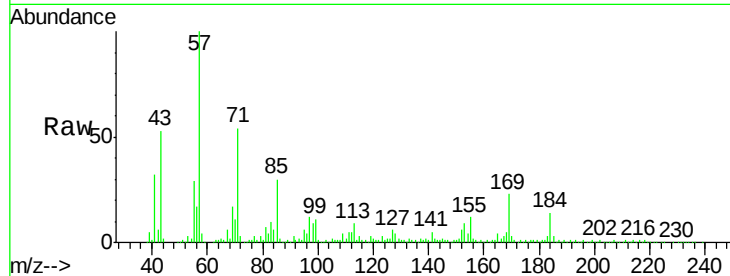




#66
n-Nitrosodiphenylamine
Concen: 7.454 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

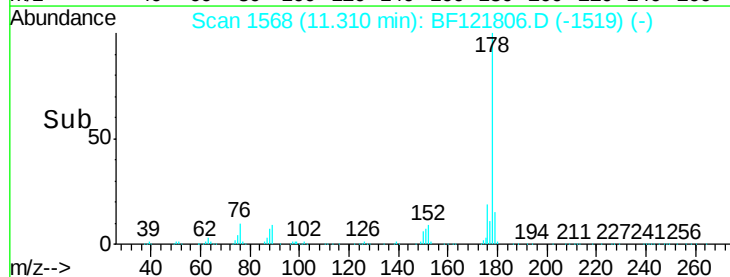
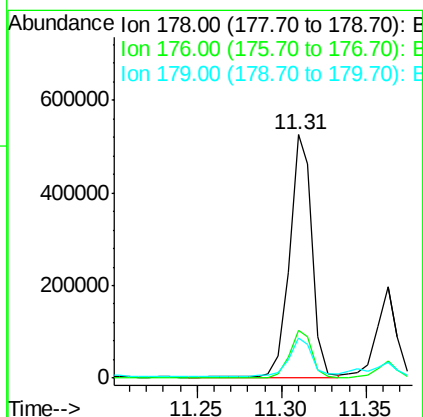
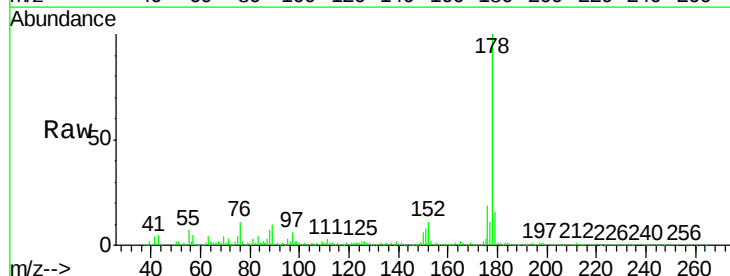
Instrument :
BNA_F
ClientSampled :
DUP-3

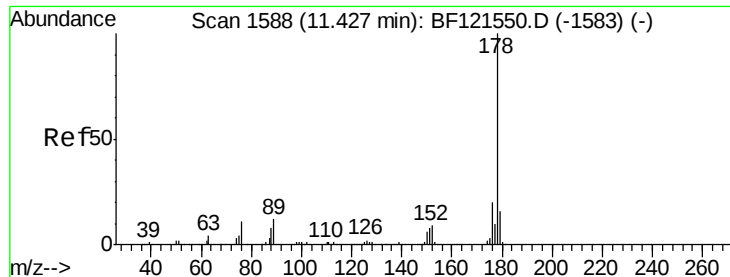
Tot Ion:169 Resp: 68655
Ion Ratio Lower Upper
169 100
168 20.2 50.0 75.0#
167 11.9 27.8 41.6#



#71
Phenanthrene
Concen: 33.155 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

Tgt Ion:178 Resp: 484973
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 16.4 12.2 18.4





#72

Anthracene

Concen: 9.859 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

Instrument :

BNA_F

ClientSampleId :

DUP-3

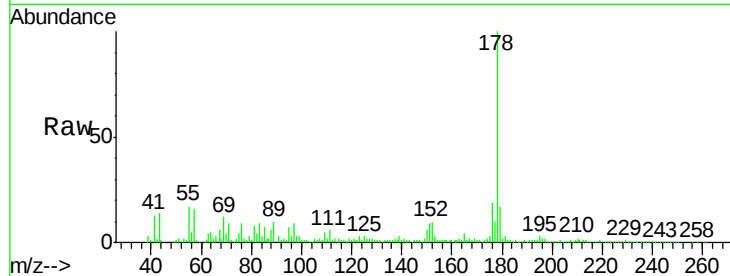
Tot Ion:178 Resp: 148820

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

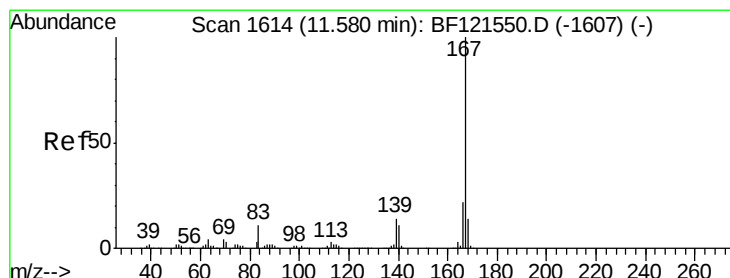
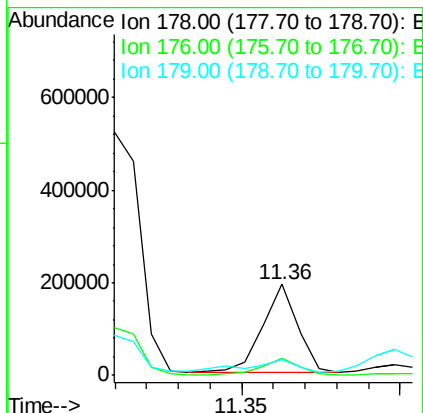
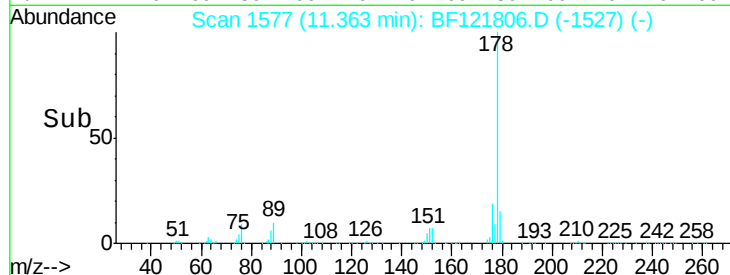
179 17.0 12.7 19.1



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: 3.517 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

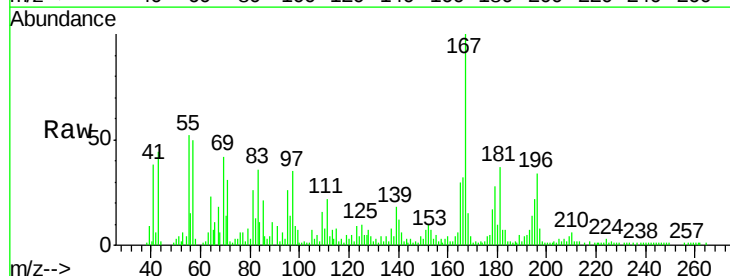
Tgt Ion:167 Resp: 47905

Ion Ratio Lower Upper

167 100

166 31.6 17.8 26.6#

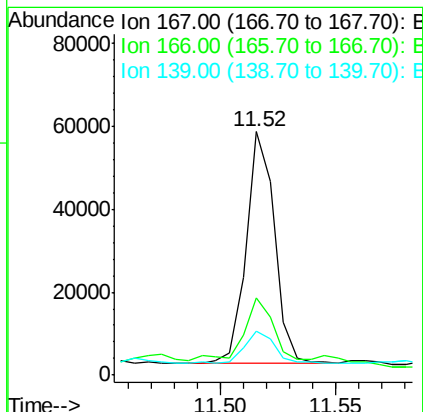
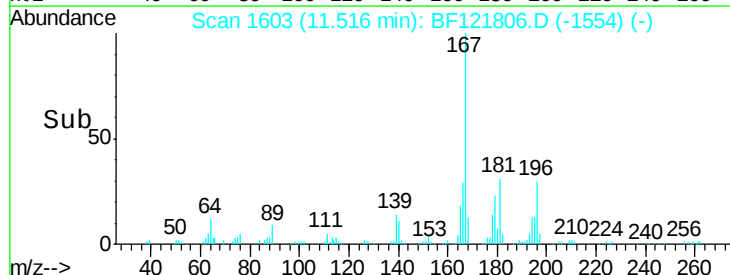
139 18.2 10.8 16.2#

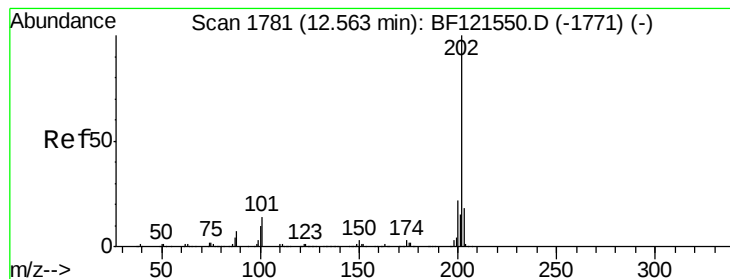


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 60.081 ng

RT: 12.50 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

Instrument :

BNA_F

ClientSampled :

DUP-3

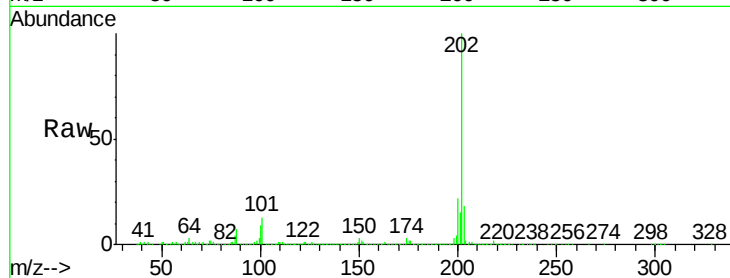
Tot Ion:202 Resp: 938134

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.4

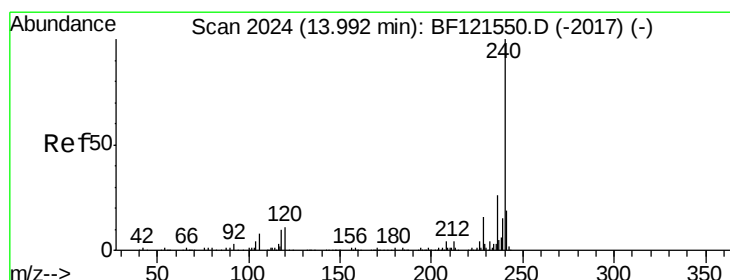
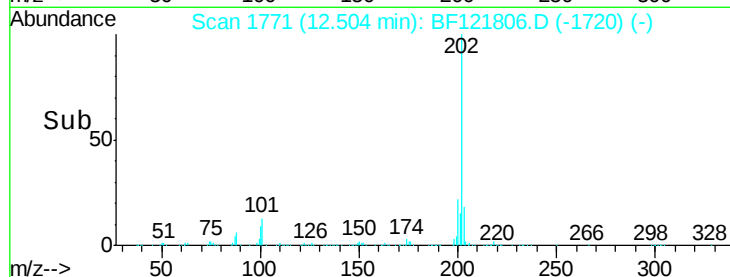
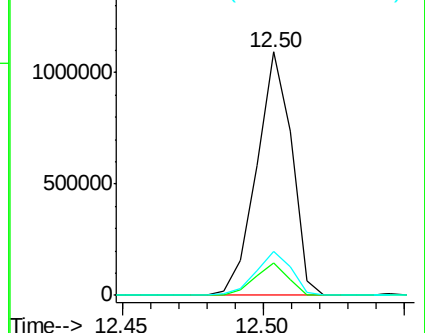
203 18.3 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

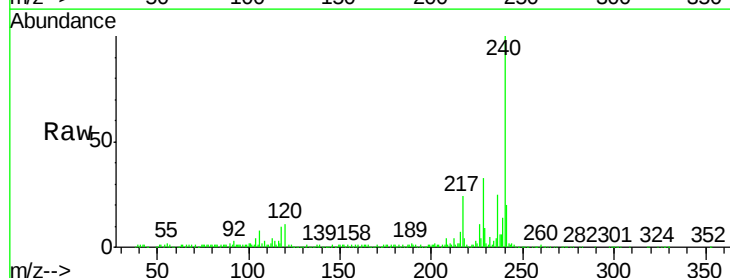
Tgt Ion:240 Resp: 263501

Ion Ratio Lower Upper

240 100

120 11.1 9.2 13.8

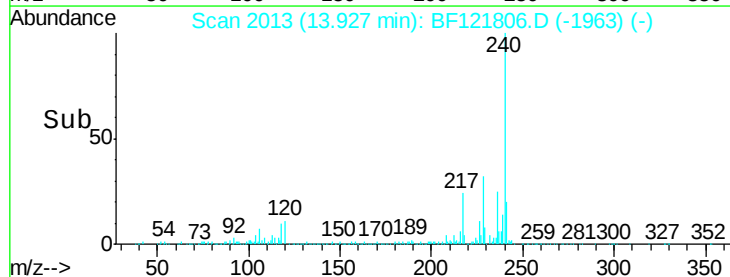
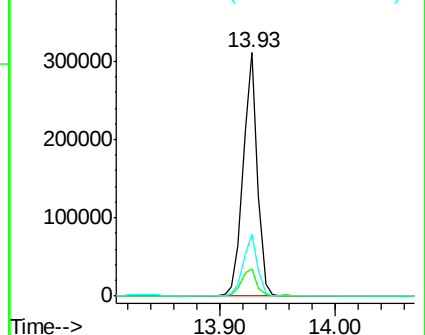
236 25.4 20.9 31.3

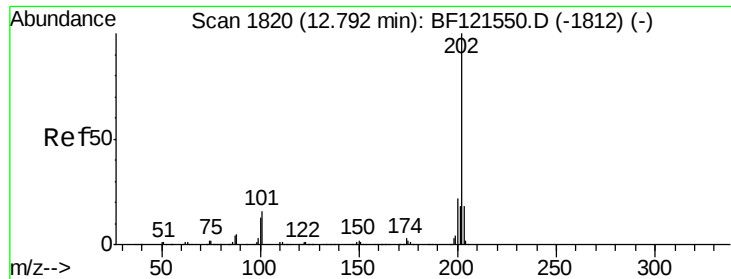


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

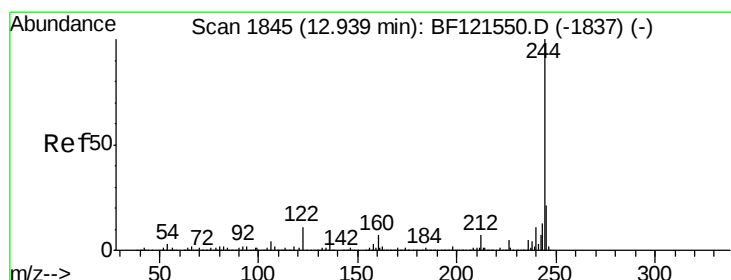
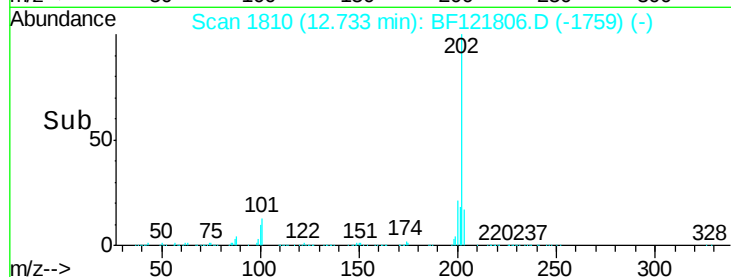
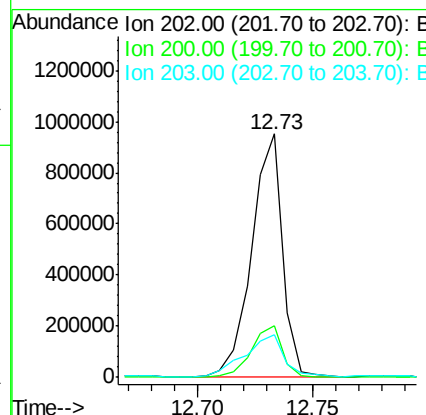
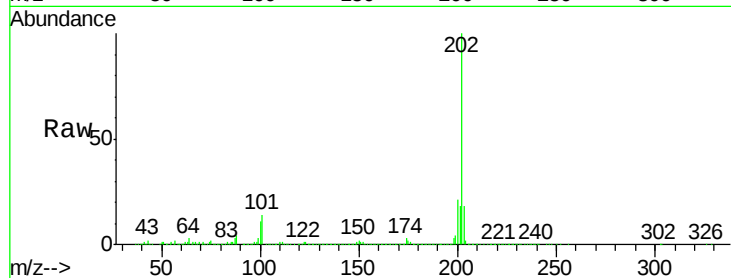




#78
Pvrene
Concen: 45.993 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

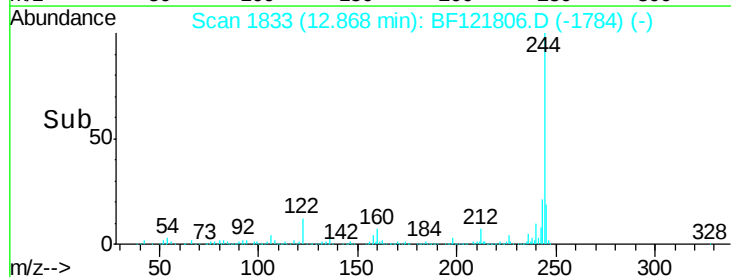
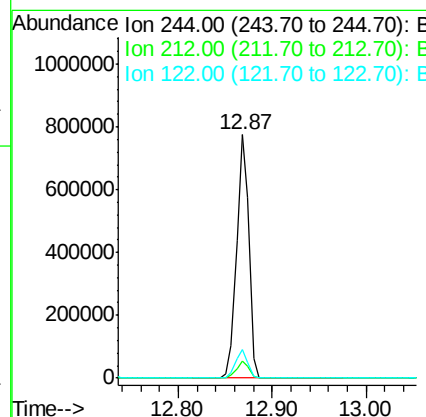
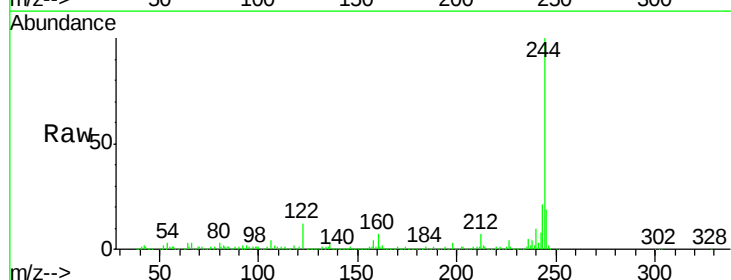
Instrument :
BNA_F
ClientSampleId :
DUP-3

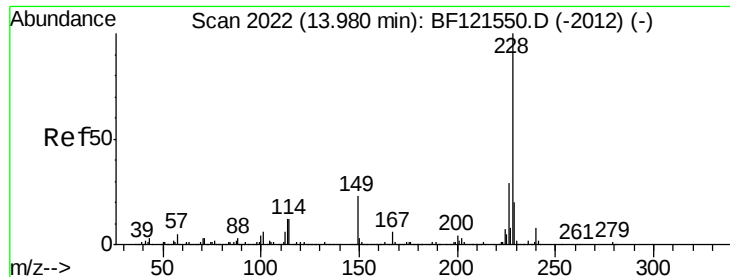
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.7	14.6	21.8



#79
Terphenyl-d14
Concen: 53.831 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	11.6	8.1	12.1





#81

Benzo(a)anthracene

Concen: 35.507 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

Instrument :

BNA_F

ClientSampleId :

DUP-3

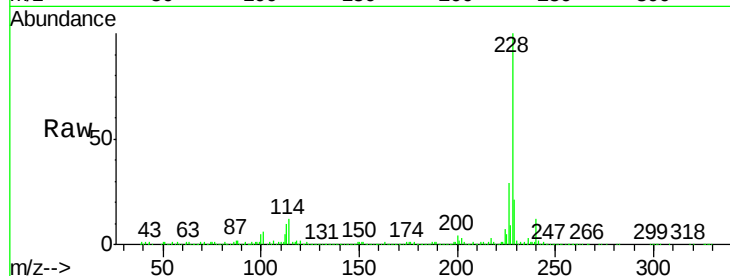
Tot Ion:228 Resp: 591909

Ion Ratio Lower Upper

228 100

226 29.5 22.3 33.5

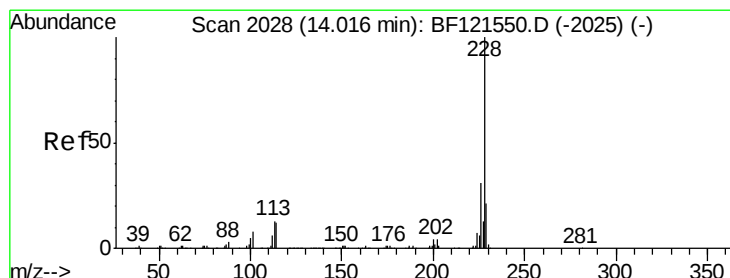
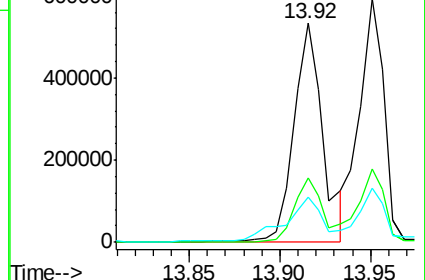
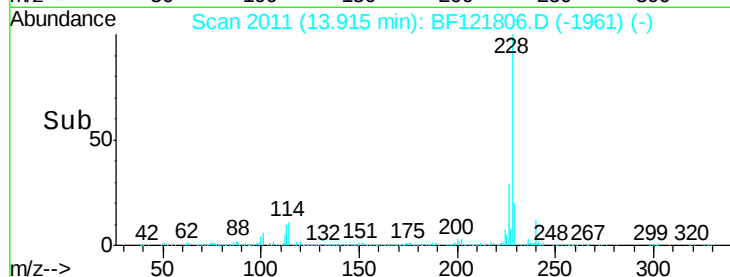
229 20.6 16.2 24.4



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: 33.048 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

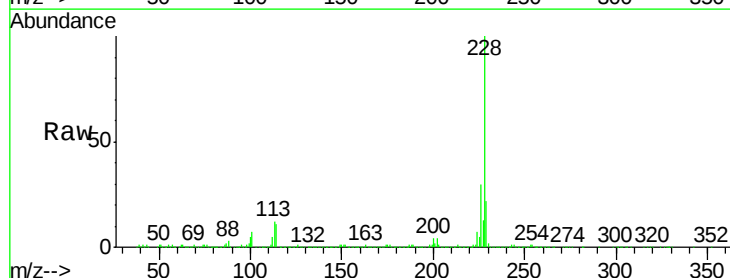
Tgt Ion:228 Resp: 557883

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

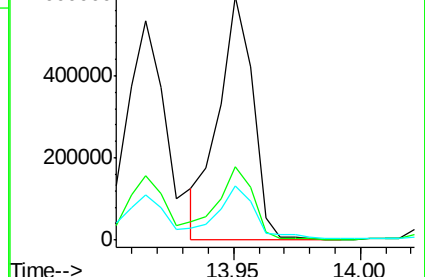
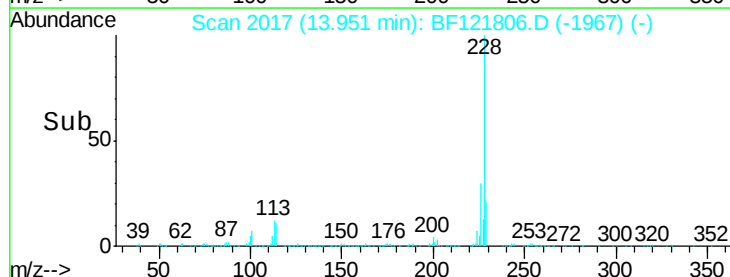
229 22.2 15.9 23.9

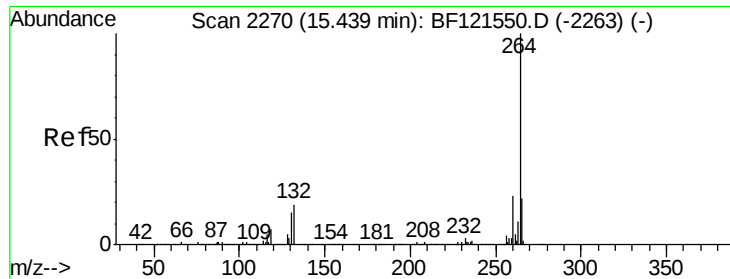


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



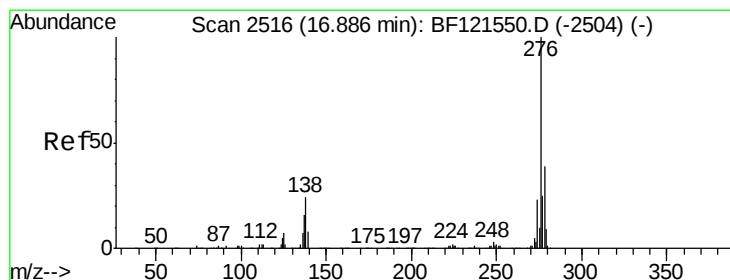
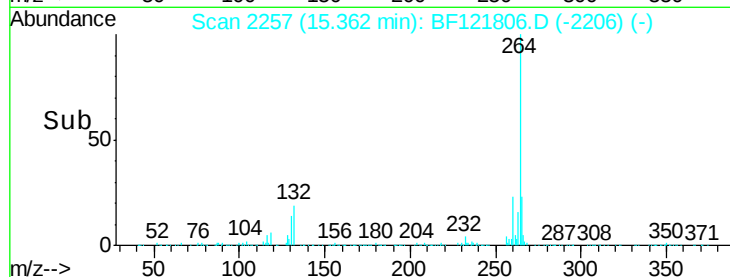
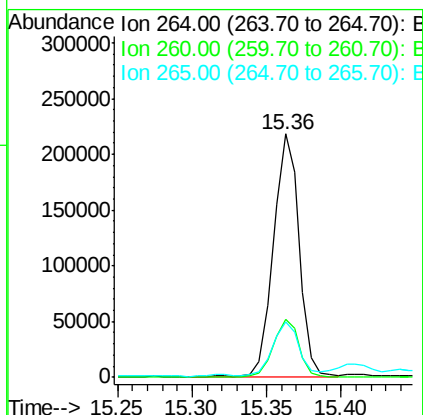
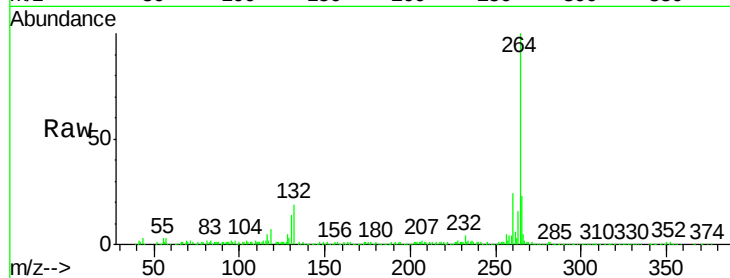


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

Instrument :
BNA_F
ClientSampleId :
DUP-3

Tot Ion:264 Resp: 261041

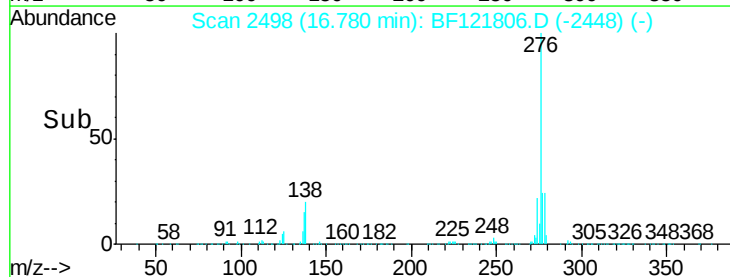
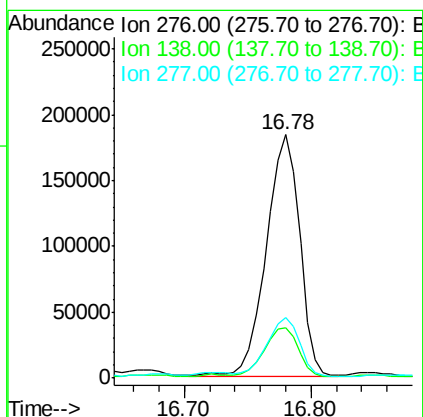
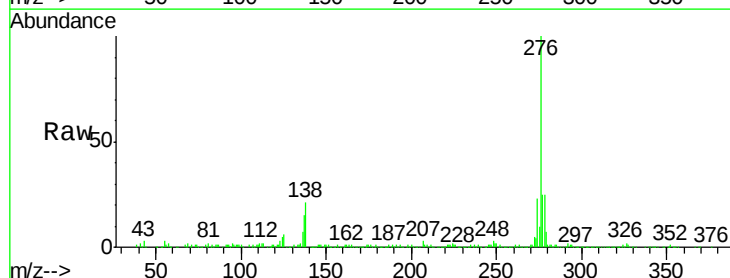
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	23.0	17.3	25.9

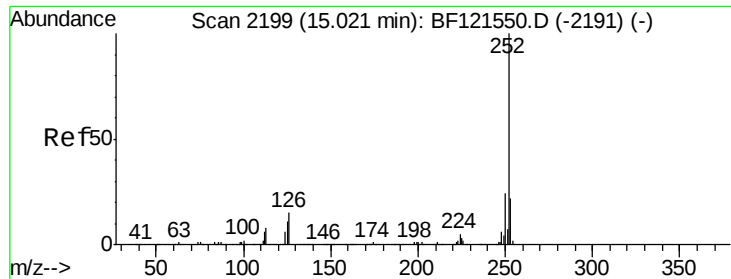


#87
Indeno(1,2,3-cd)pyrene
Concen: 20.009 ng
RT: 16.78 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

Tgt Ion:276 Resp: 340147

Ion	Ratio	Lower	Upper
276	100		
138	20.6	19.9	29.9
277	23.9	20.4	30.6

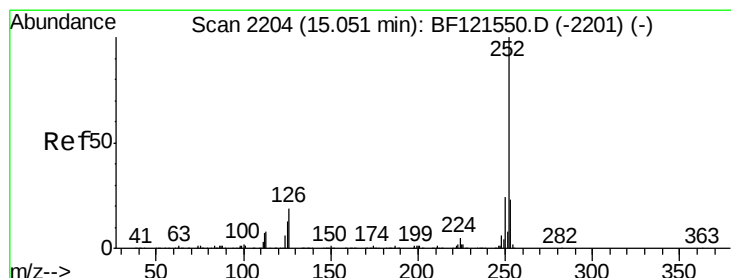
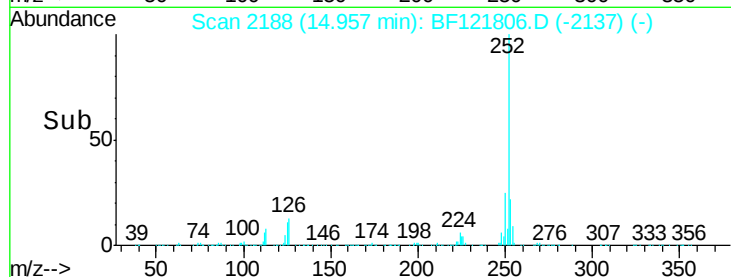
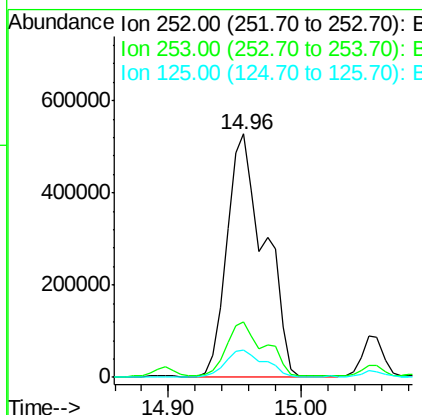
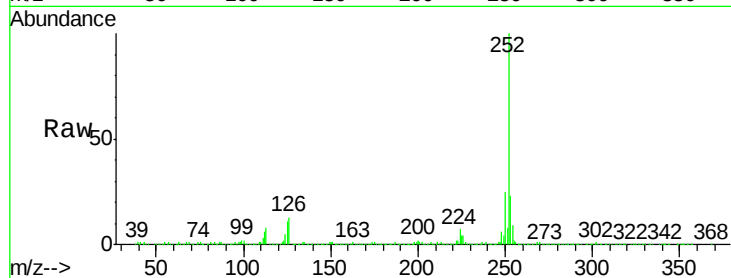




#88
Benzo(b)fluoranthene
Concen: 59.035 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

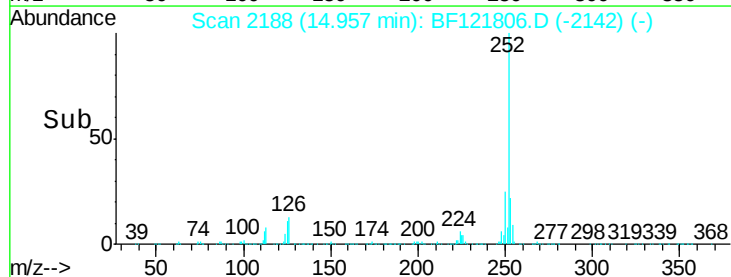
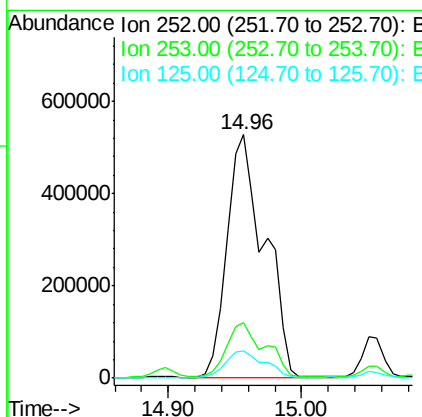
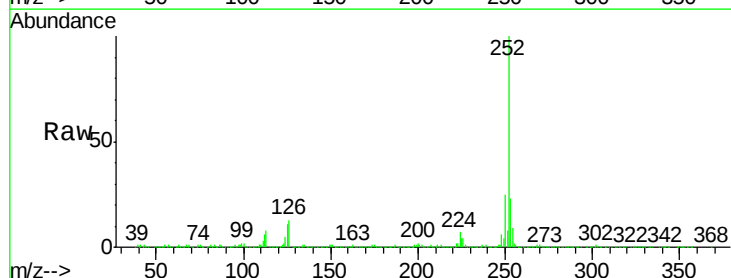
Instrument :
BNA_F
ClientSampleId :
DUP-3

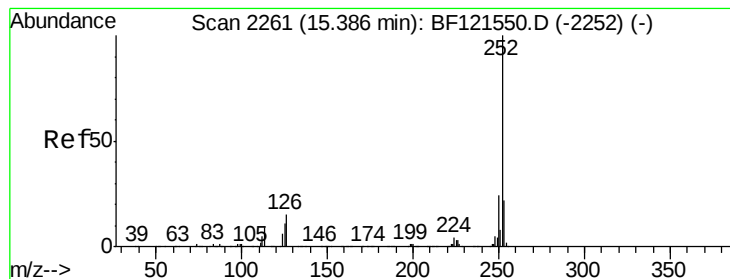
Tot Ion:252 Resp: 1030215
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 11.1 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 64.467 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BF121806.D
Acq: 2 Oct 2020 21:23

Tgt Ion:252 Resp: 1030215
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.1 7.7 11.5





#90

Benzo(a)pyrene

Concen: 31.303 ng

RT: 15.30 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

Instrument :

BNA_F

ClientSampled :

DUP-3

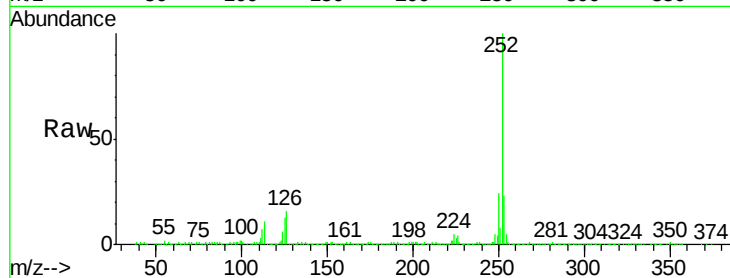
Tot Ion:252 Resp: 464338

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

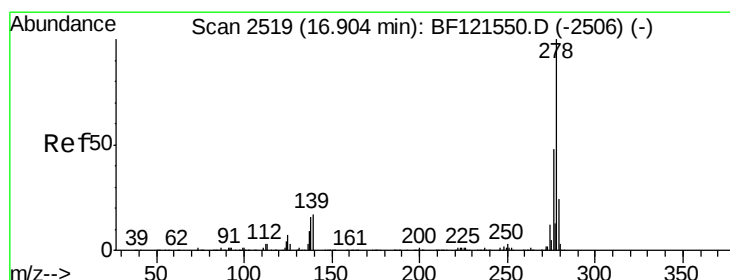
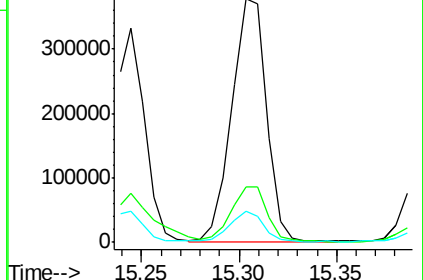
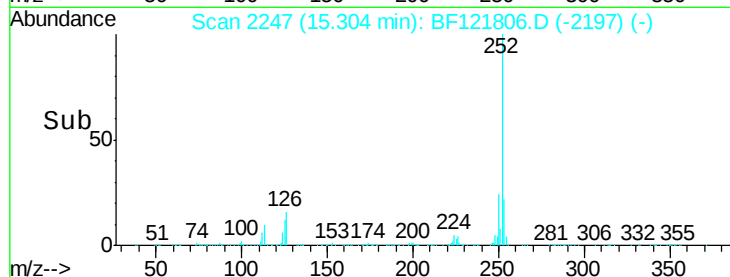
125 12.6 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 4.410 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.14 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

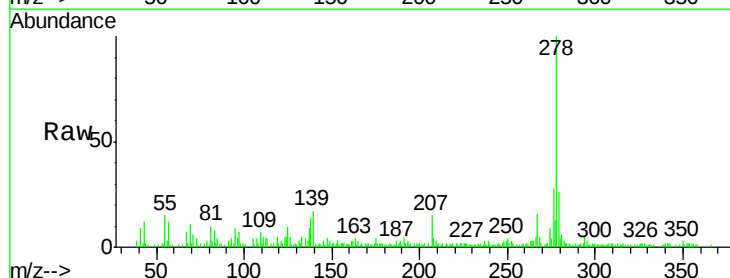
Tgt Ion:278 Resp: 62402

Ion Ratio Lower Upper

278 100

139 17.5 13.0 19.4

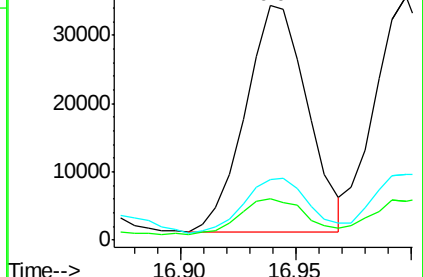
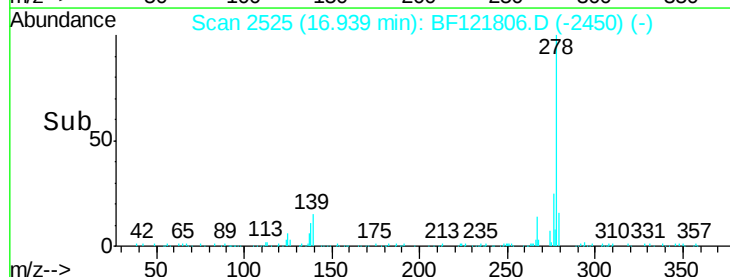
279 26.0 19.0 28.4

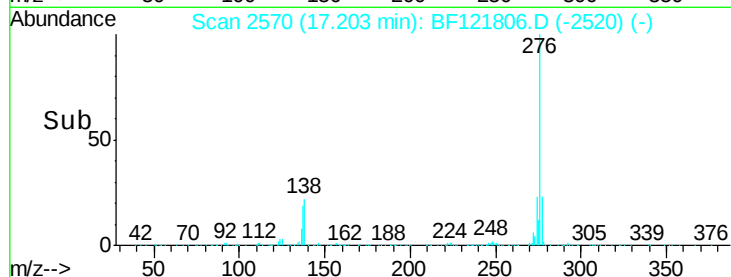
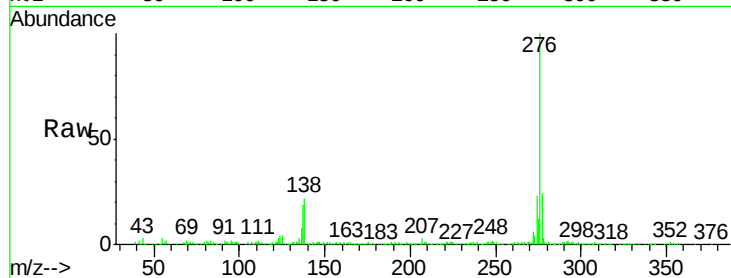
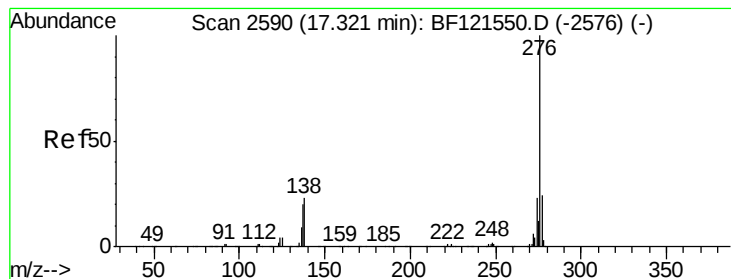


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 21.549 ng

RT: 17.20 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF121806.D

Acq: 2 Oct 2020 21:23

Instrument :

BNA_F

ClientSampleId :

DUP-3

Tot Ion:276 Resp: 299758

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 22.0 17.8 26.6

