

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120330.D
 Acq On : 15 May 2020 19:15
 Operator : MA/SJ
 Sample : L2665-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

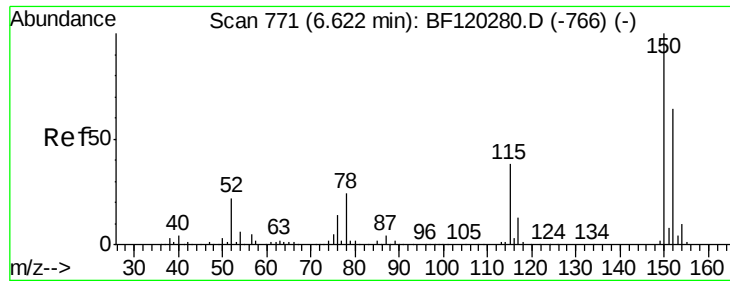
Quant Time: May 16 00:14:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	273774	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	925132	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	479836	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	814676	20.00	ng	0.00
76) Chrysene-d12	13.77	240	455385	20.00	ng	0.00
87) Perylene-d12	15.17	264	498230	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1375099	97.73	ng	0.00
7) Phenol-d6	6.27	99	1731517	97.31	ng	0.00
23) Nitrobenzene-d5	7.18	82	1028803	76.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.45	330	361639	92.44	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	1837607	78.68	ng	0.00
79) Terphenyl-d14	12.73	244	1507243	73.12	ng	0.00

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	2.85	42	15492	2.249	ng	# 1
19) n-Nitroso-di-n-propylamine	7.04	70	32303	2.771	ng	# 73
22) Acetophenone	7.01	105	97893	5.165	ng	# 30
25) Isophorone	7.42	82	74466	2.649	ng	# 1
31) Naphthalene	7.92	128	249974	6.402	ng	# 90
35) Caprolactam	8.37	113	10950	2.946	ng	# 1
37) 2-Methylnaphthalene	8.62	142	453524	16.974	ng	# 97
38) 1-Methylnaphthalene	8.72	142	361288	13.941	ng	# 99
50) Dimethylphthalate	9.38	163	329783	10.872	ng	# 97
52) Acenaphthene	9.69	154	102036	4.419	ng	# 93
55) Dibenzofuran	9.86	168	113660	3.418	ng	# 38
56) 4-Nitrophenol	9.80	139	8722	2.011	ng	# 1
57) 2,4-Dinitrotoluene	9.86	165	23620	2.974	ng	# 63
58) Fluorene	10.20	166	197863	7.813	ng	# 94
66) n-Nitrosodiphenylamine	10.32	169	178855	7.935	ng	# 49
71) Phenanthrene	11.16	178	1258684	36.768	ng	# 98
72) Anthracene	11.22	178	323262	8.821	ng	# 96
73) Carbazole	11.37	167	104076	3.039	ng	# 77
75) Fluoranthene	12.35	202	934347	25.465	ng	# 99
78) Pvrene	12.58	202	969986	29.878	ng	# 98
81) Benzo(a)anthracene	13.77	228	431280	17.956	ng	# 95
83) Chrysene	13.80	228	447758	17.361	ng	# 93
86) Indeno(1,2,3-cd)pyrene	16.49	276	144743	6.183	ng	# 96
88) Benzo(b)fluoranthene	14.78	252	485450	17.841	ng	# 93
89) Benzo(k)fluoranthene	14.78	252	485450	20.593	ng	# 93
90) Benzo(a)pyrene	15.11	252	323715	13.266	ng	# 94
91) Dibenzo(a,h)anthracene	16.49	278	50093	2.317	ng	# 73
92) Benzo(g,h,i)perylene	16.89	276	164017	7.524	ng	# 98

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

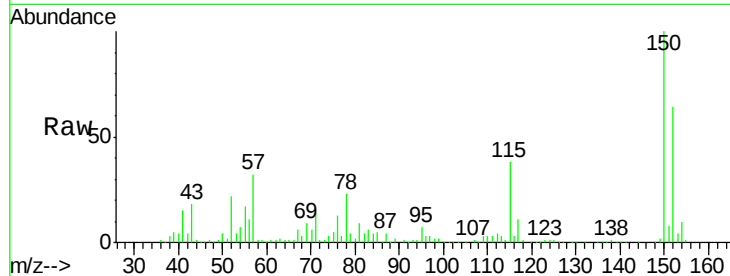


#1

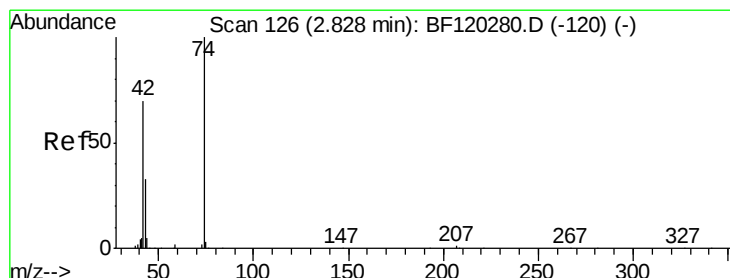
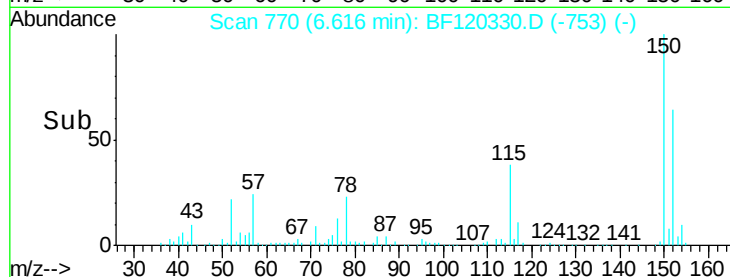
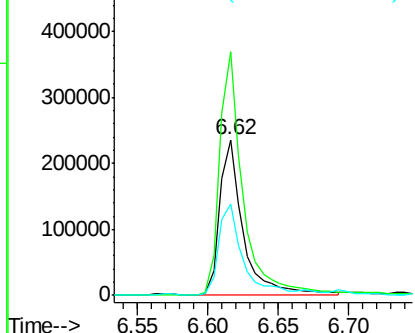
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 273774
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 58.8 47.9 71.9



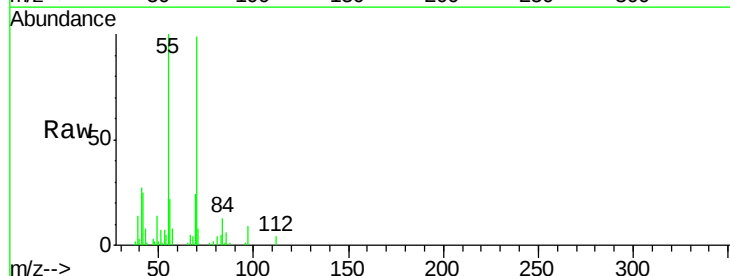
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



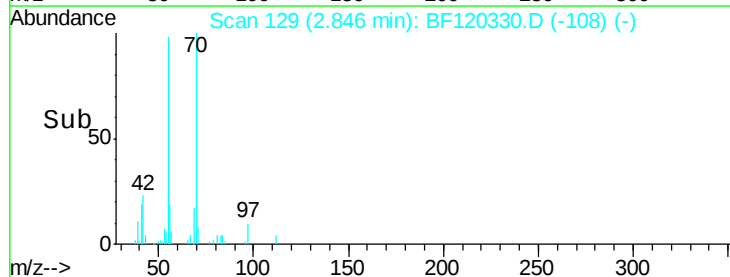
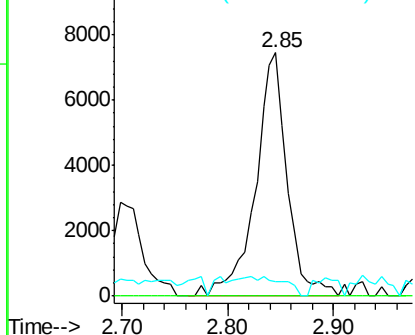
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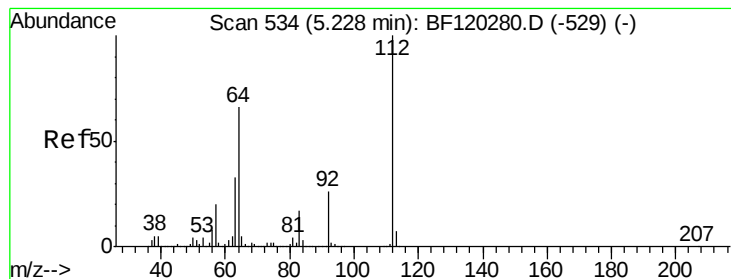
n-Nitrosodimethylamine
Concen: 2.249 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.02 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

Tgt Ion: 42 Resp: 15492
Ion Ratio Lower Upper
42 100
74 0.0 114.8 172.2#
44 6.0 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 97.728 ng

RT: 5.22 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

Instrument :

BNA_F

ClientSampleId :

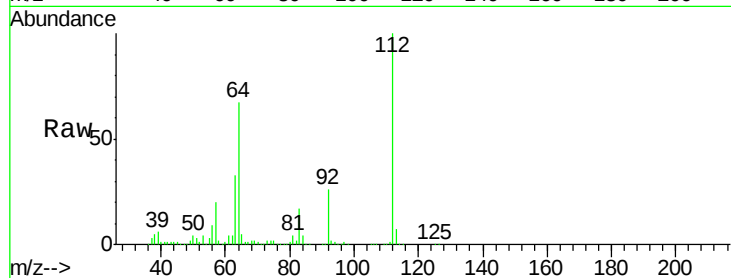
Tot Ion:112 Resp: 1375099

Ion Ratio Lower Upper

112 100

64 66.6 52.7 79.1

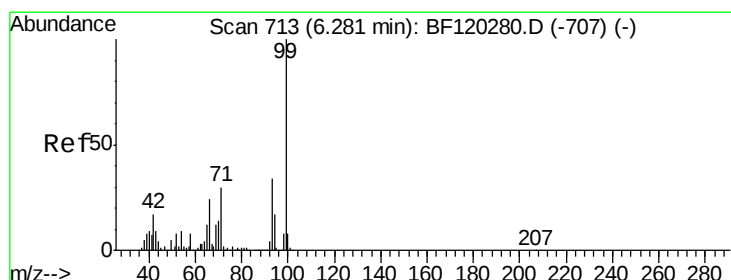
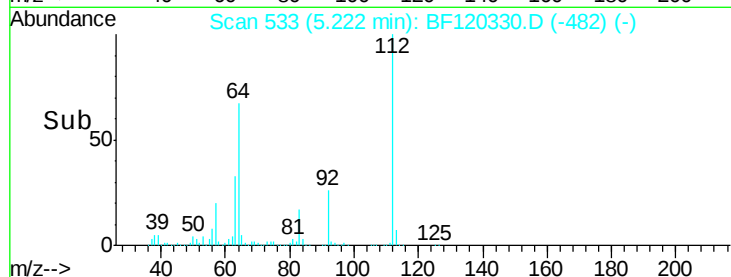
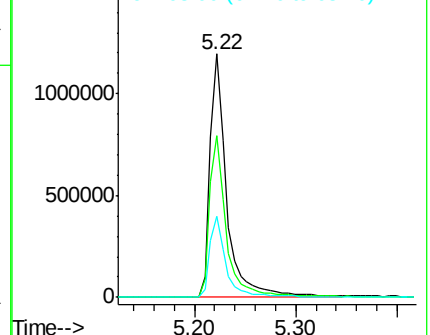
63 33.1 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 97.311 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

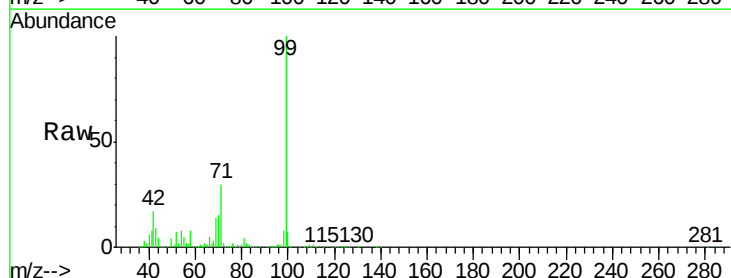
Tgt Ion: 99 Resp: 1731517

Ion Ratio Lower Upper

99 100

42 17.4 13.6 20.4

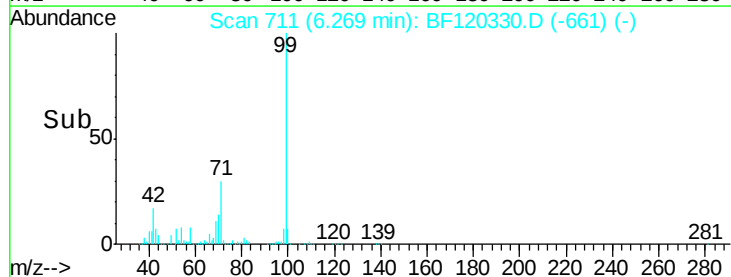
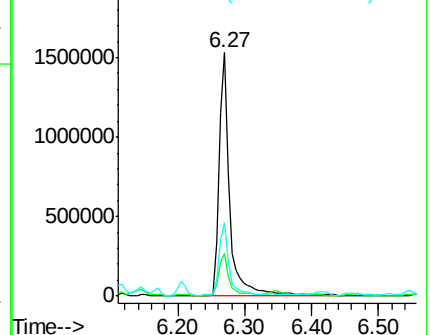
71 30.3 24.2 36.4

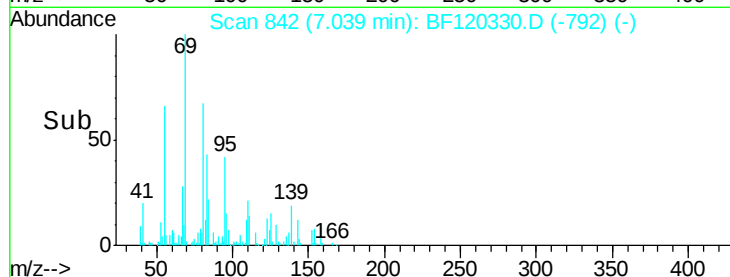
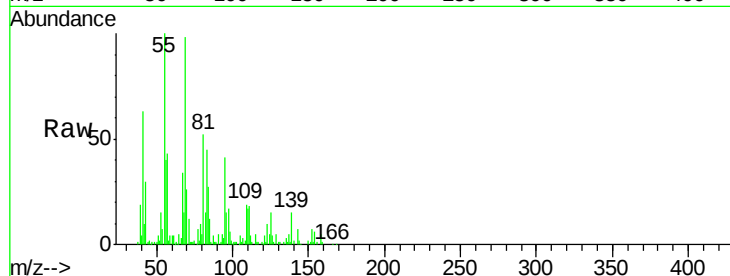
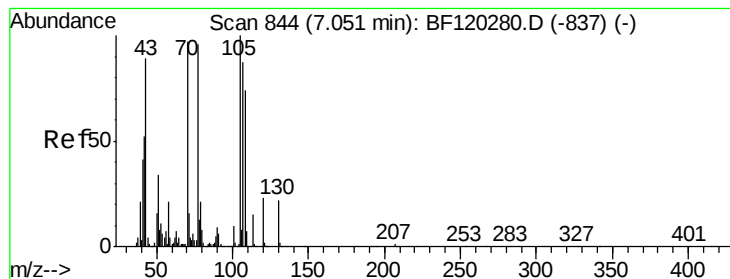


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 2.771 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 32303

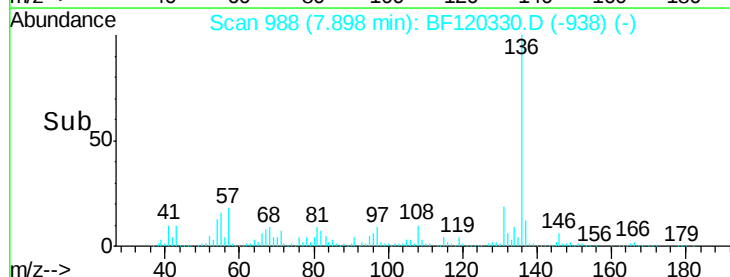
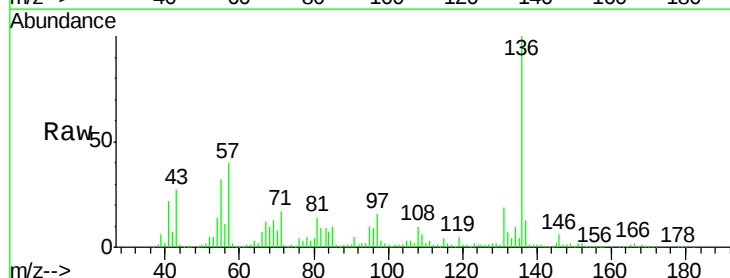
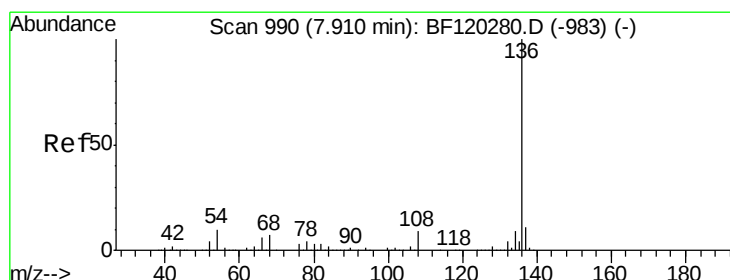
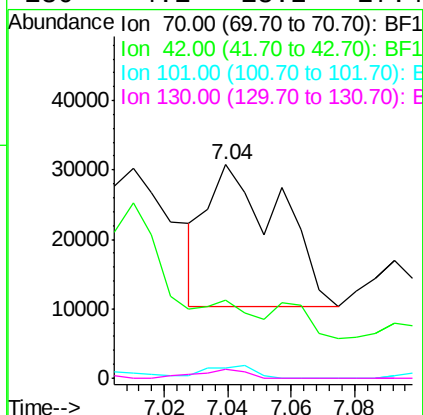
Ion Ratio Lower Upper

70 100

42 36.6 43.4 65.0#

101 4.8 7.8 11.8#

130 4.1 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

Tgt Ion: 136 Resp: 925132

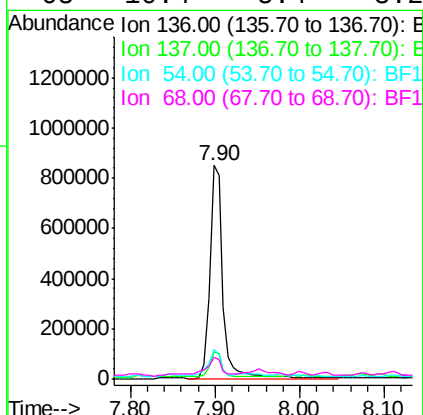
Ion Ratio Lower Upper

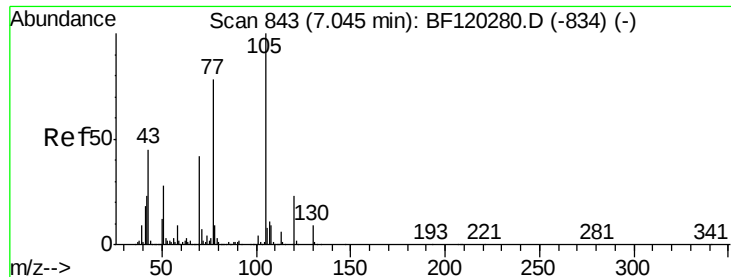
136 100

137 12.6 9.1 13.7

54 13.8 7.9 11.9#

68 10.4 5.4 8.2#





#22

Acetophenone

Concen: 5.165 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.03 min

Lab File: BF120330.D

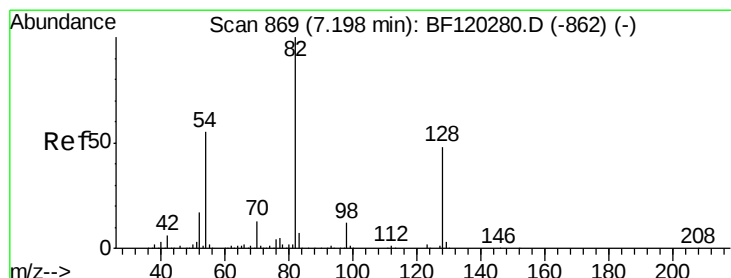
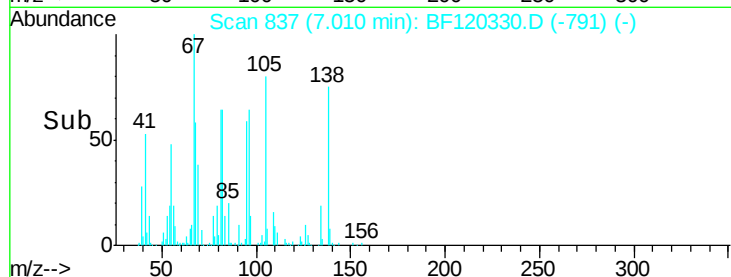
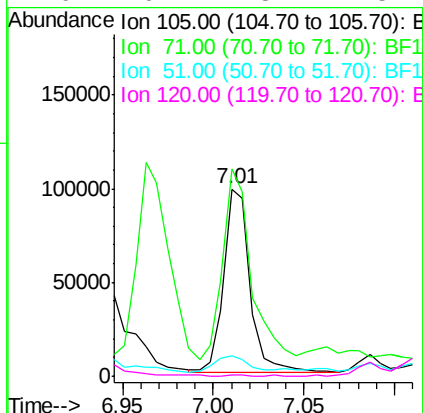
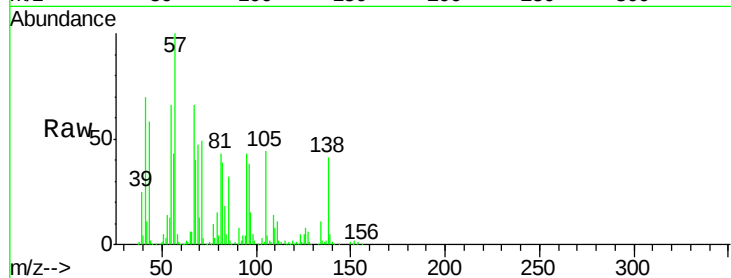
Acq: 15 May 2020 19:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	97893
Ion	Ratio	Lower	Upper
105	100		
71	111.0	5.6	8.4#
51	11.1	22.6	34.0#
120	0.4	18.7	28.1#



#23

Nitrobenzene-d5

Concen: 76.139 ng

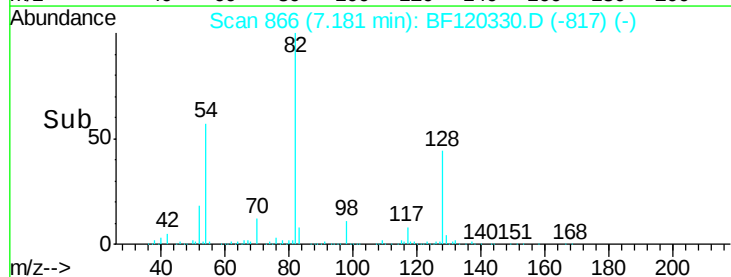
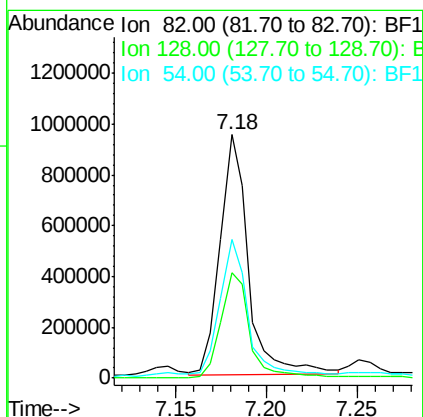
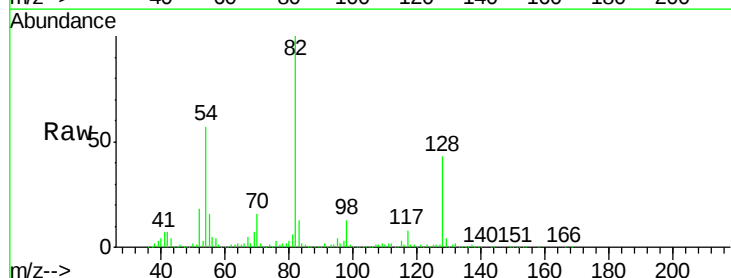
RT: 7.18 min Scan# 866

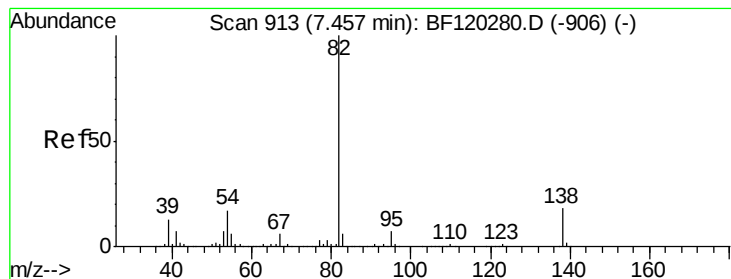
Delta R.T. -0.01 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

Tgt Ion:	82	Resp:	1028803
Ion	Ratio	Lower	Upper
82	100		
128	43.3	38.3	57.5
54	57.1	43.9	65.9





#25

Isophorone

Concen: 2.649 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.03 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

Instrument :

BNA_F

ClientSampled :

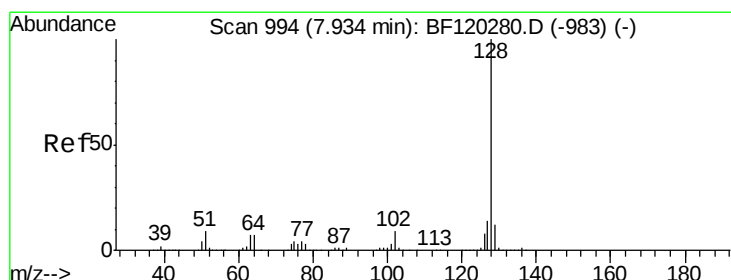
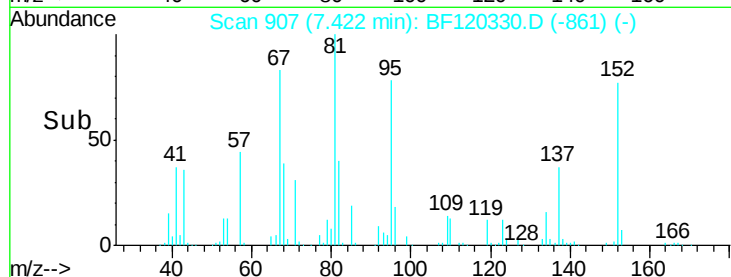
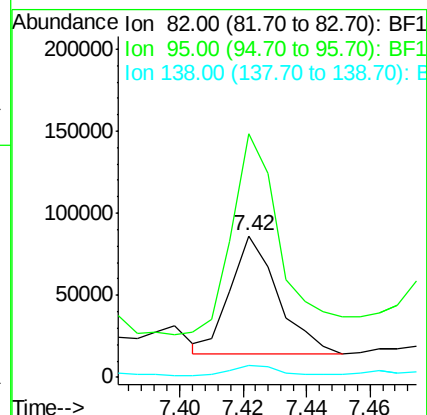
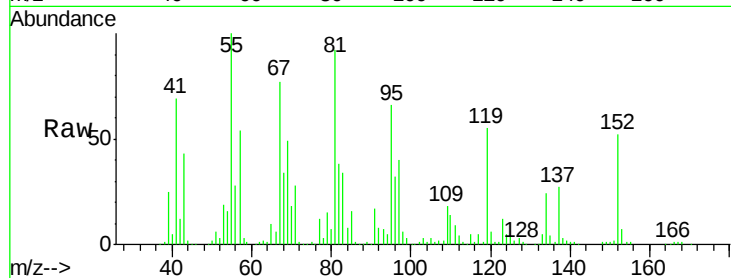
Tot Ion: 82 Resp: 74466

Ion Ratio Lower Upper

82 100

95 172.1 5.4 8.0#

138 8.6 14.7 22.1#



#31

Naphthalene

Concen: 6.402 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

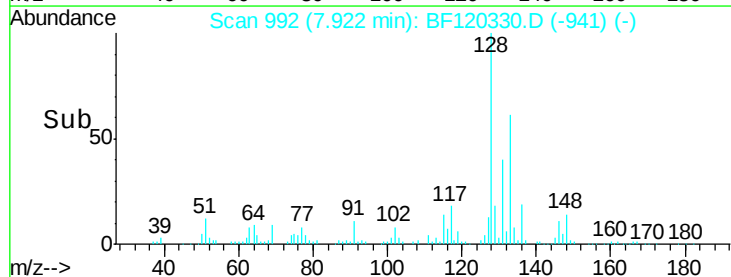
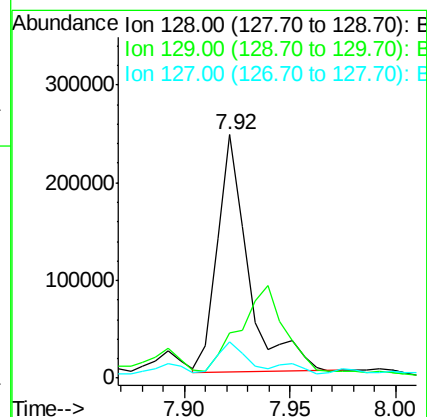
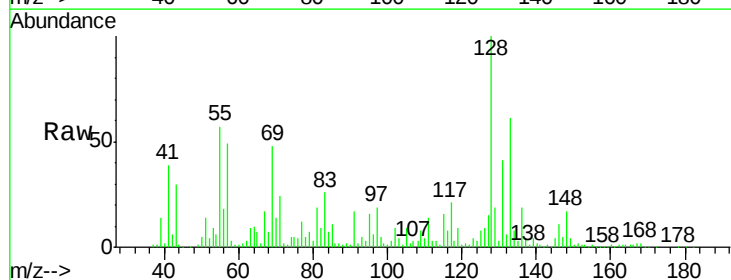
Tgt Ion: 128 Resp: 249974

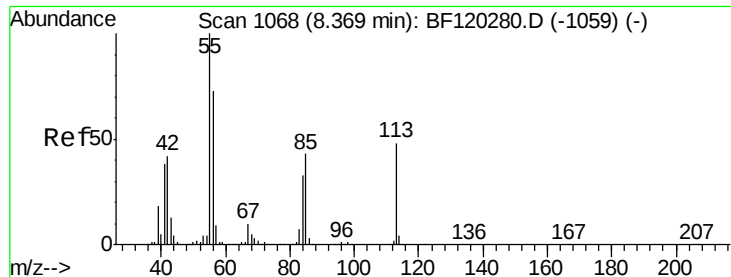
Ion Ratio Lower Upper

128 100

129 18.6 9.3 13.9#

127 15.1 11.2 16.8

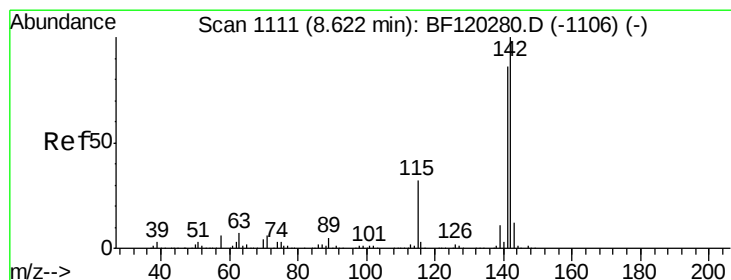
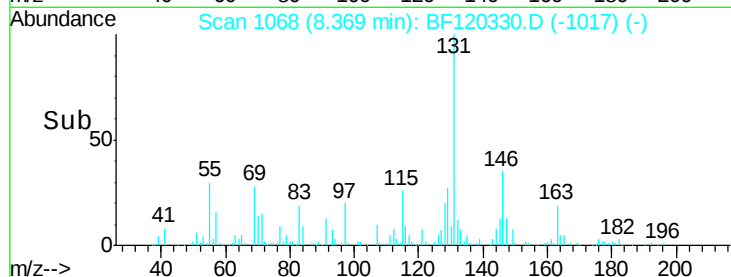
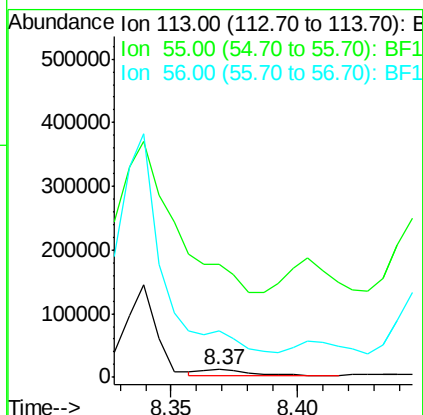
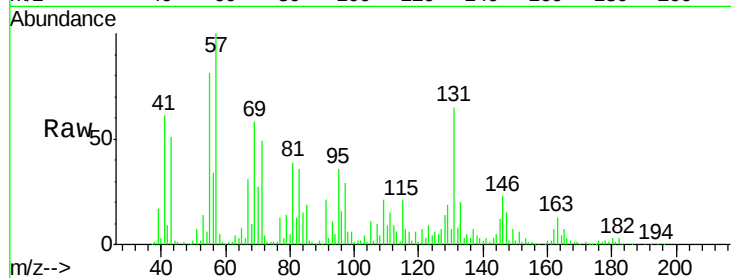




#35
 Caprolactam
 Concen: 2.946 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF120330.D
 Acq: 15 May 2020 19:15

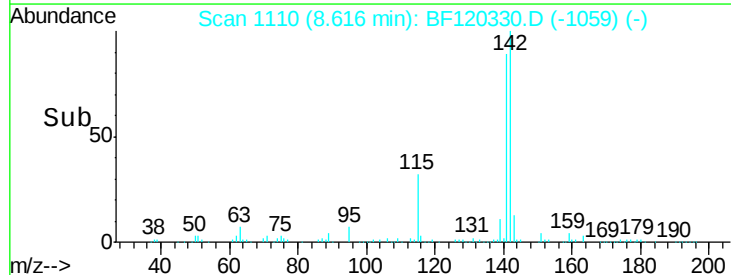
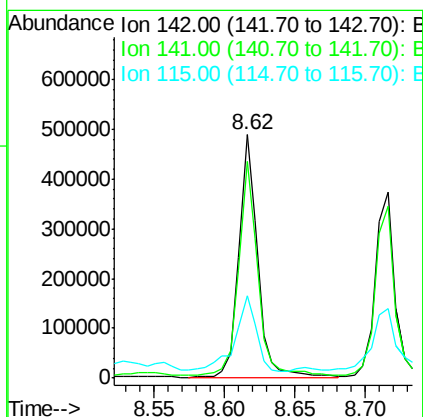
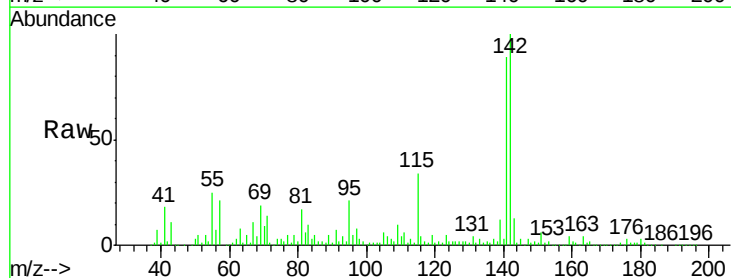
Instrument :
 BNA_F
 ClientSampleId :

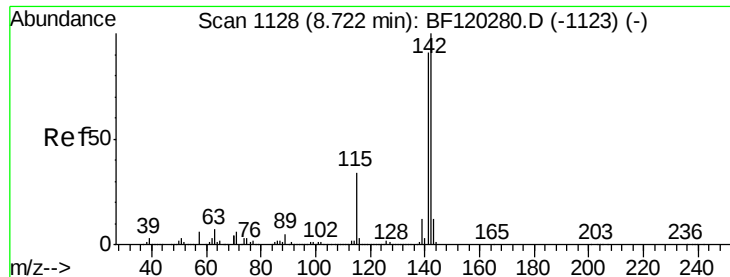
Tot Ion:113 Resp: 10950
 Ion Ratio Lower Upper
 113 100
 55 1419.8 190.4 230.4#
 56 586.2 132.7 172.7#



#37
 2-Methylnaphthalene
 Concen: 16.974 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF120330.D
 Acq: 15 May 2020 19:15

Tgt Ion:142 Resp: 453524
 Ion Ratio Lower Upper
 142 100
 141 89.0 68.8 103.2
 115 33.9 25.7 38.5

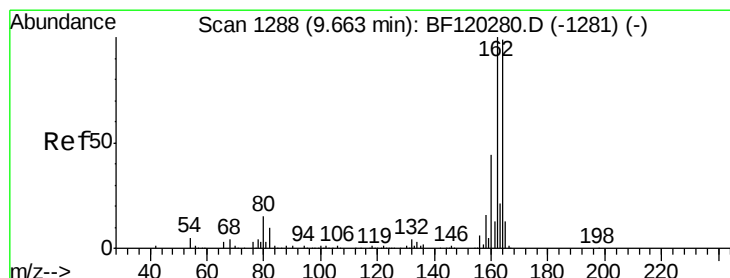
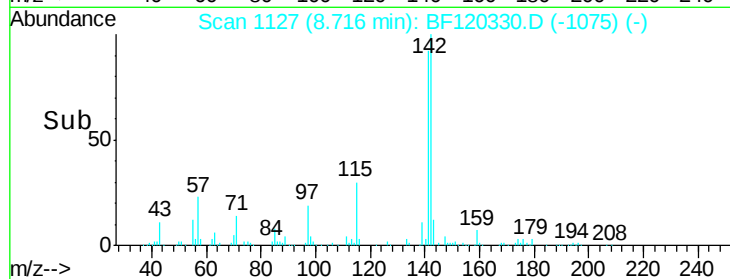
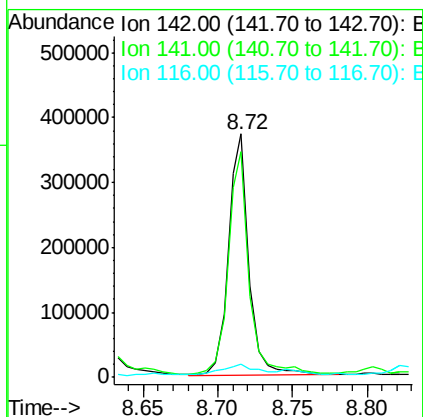
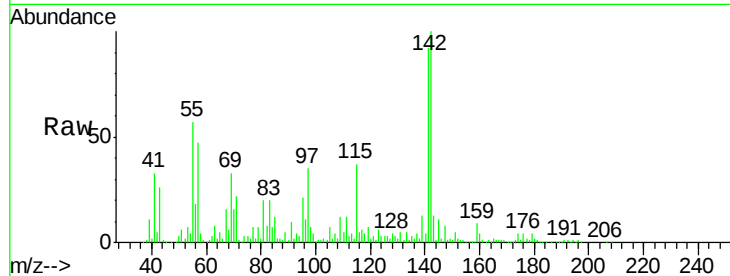




#38
1-Methylnaphthalene
Concen: 13.941 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

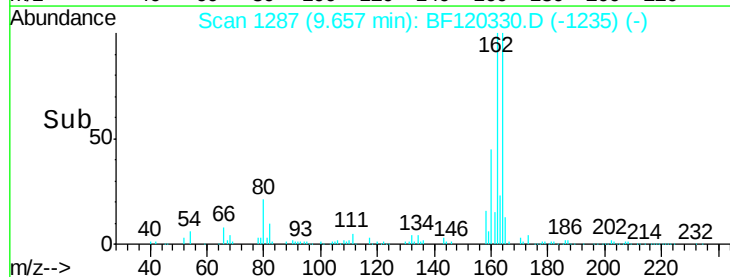
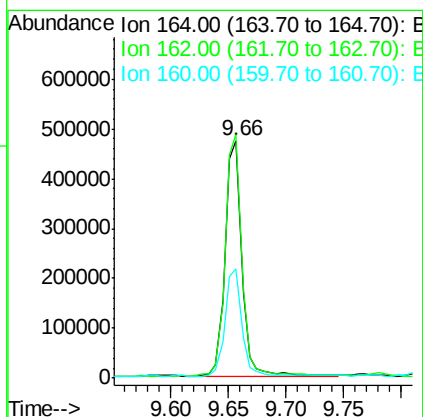
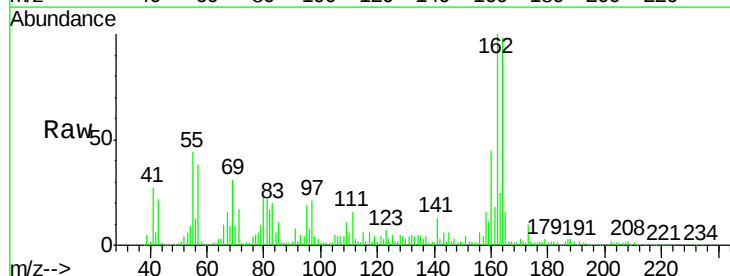
Instrument :
BNA_F
ClientSampleId :

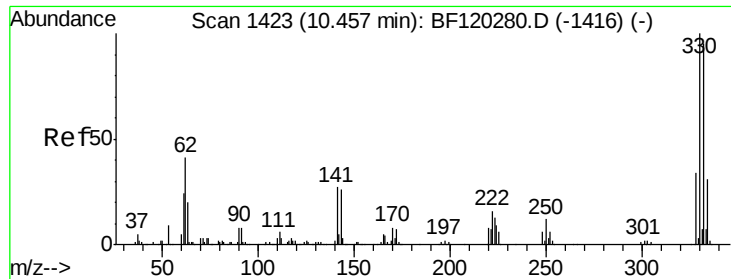
Tot Ion:142 Resp: 361288
Ion Ratio Lower Upper
142 100
141 92.4 73.0 109.6
116 5.3 2.7 4.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

Tgt Ion:164 Resp: 479836
Ion Ratio Lower Upper
164 100
162 102.4 81.2 121.8
160 45.7 35.8 53.6

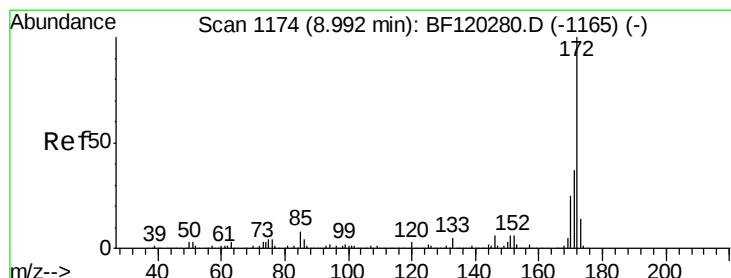
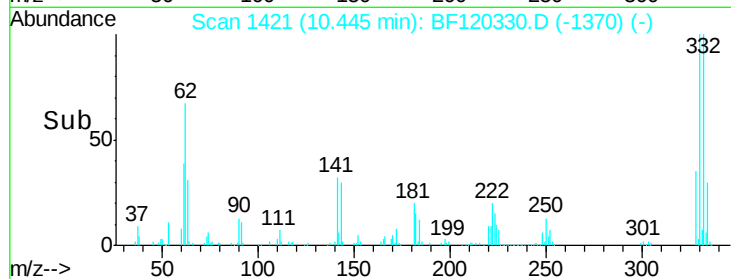
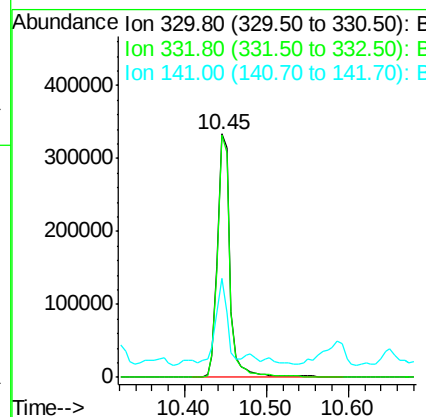
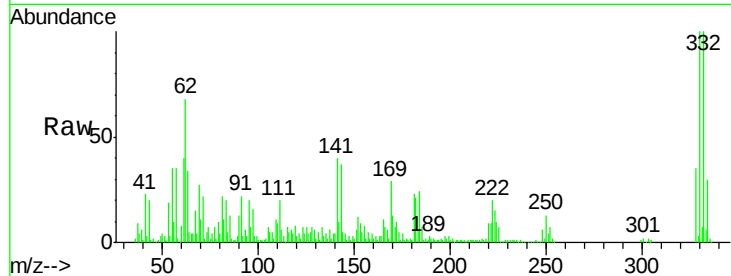




#42
 2,4,6-Tribromophenol
 Concen: 92.436 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF120330.D
 Acq: 15 May 2020 19:15

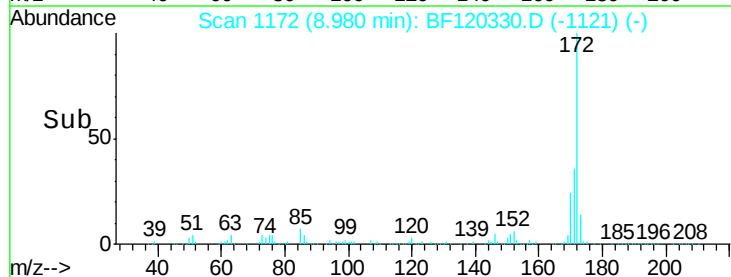
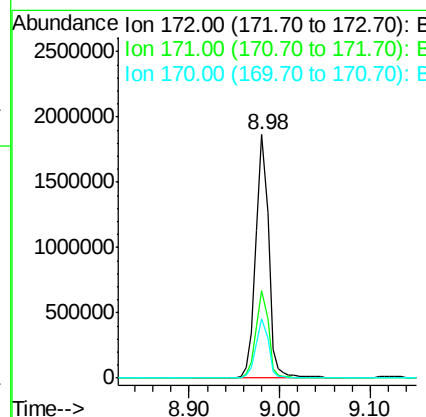
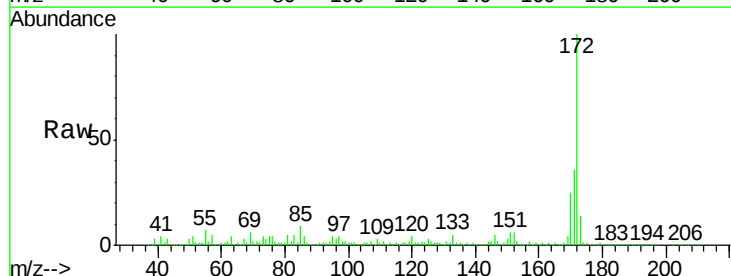
Instrument :
 BNA_F
 ClientSampleId :

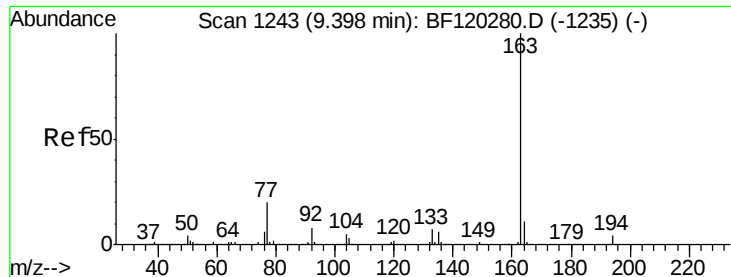
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.5	114.7
141	29.4	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 78.679 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF120330.D
 Acq: 15 May 2020 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.5	19.9	29.9





#50

Dimethylphthalate

Concen: 10.872 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

Instrument :

BNA_F

ClientSampled :

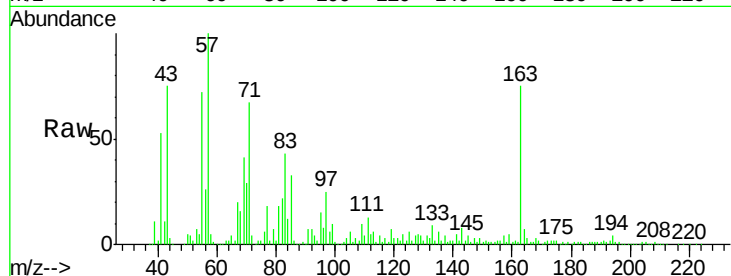
Tot Ion:163 Resp: 329783

Ion Ratio Lower Upper

163 100

194 5.3 3.1 4.7#

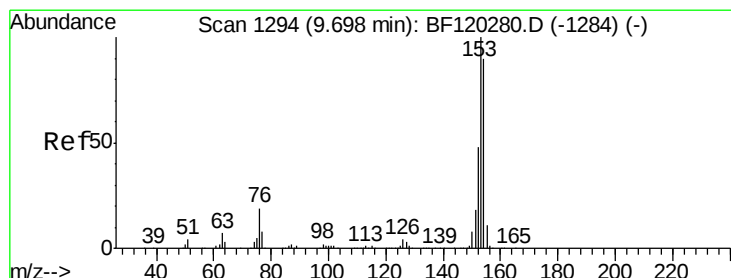
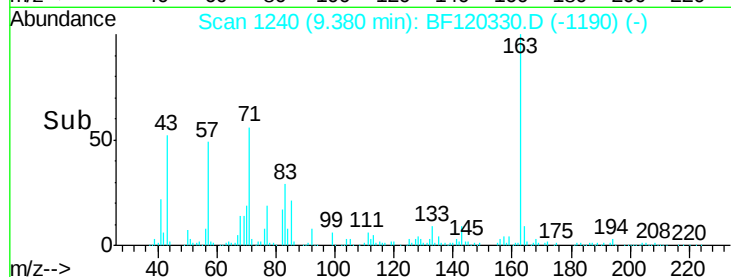
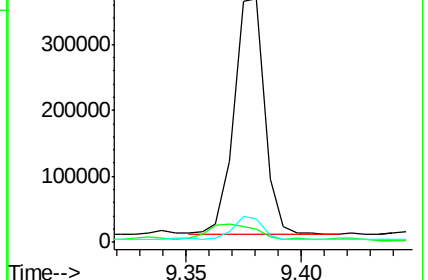
164 9.8 8.6 12.8



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: 4.419 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

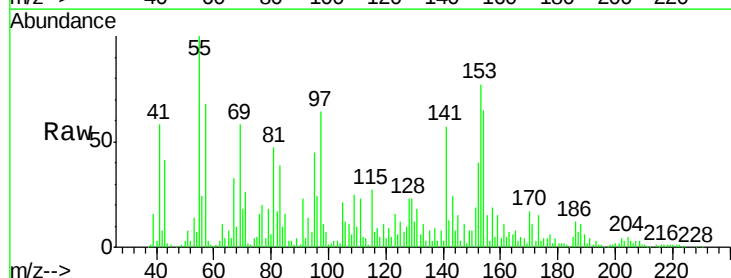
Tgt Ion:154 Resp: 102036

Ion Ratio Lower Upper

154 100

153 117.5 89.0 133.4

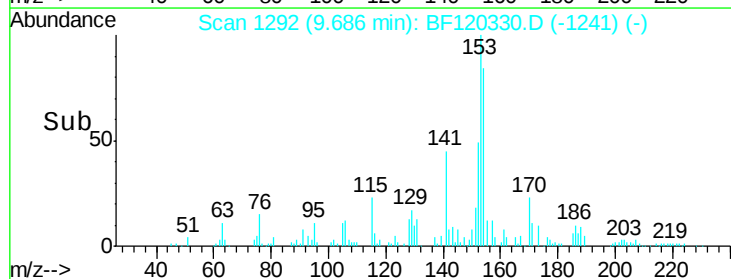
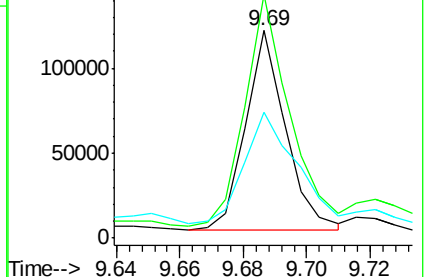
152 60.9 42.6 64.0

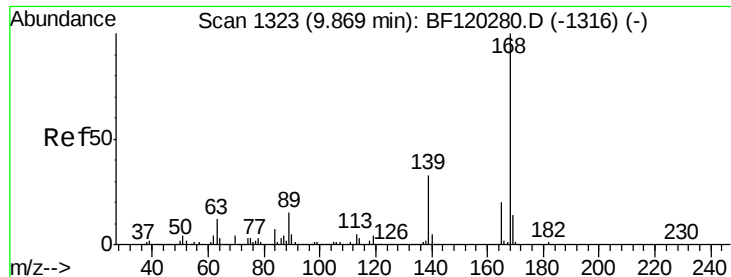


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

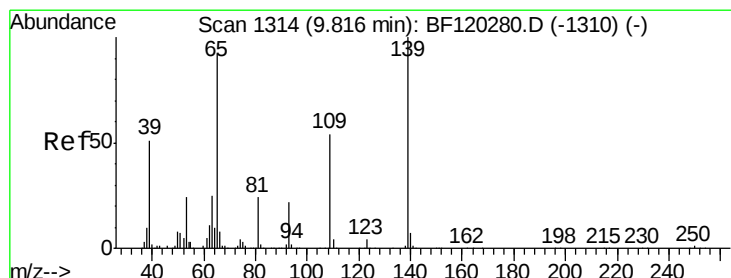
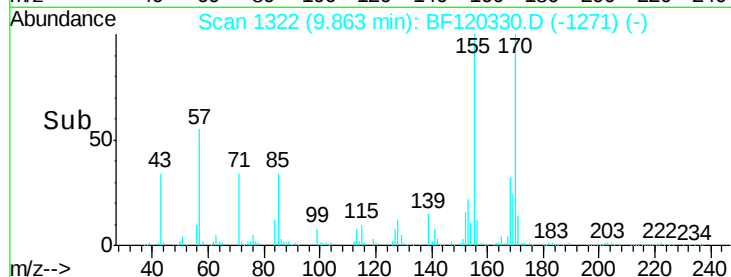
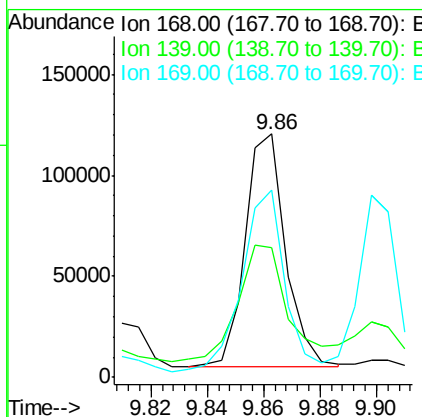
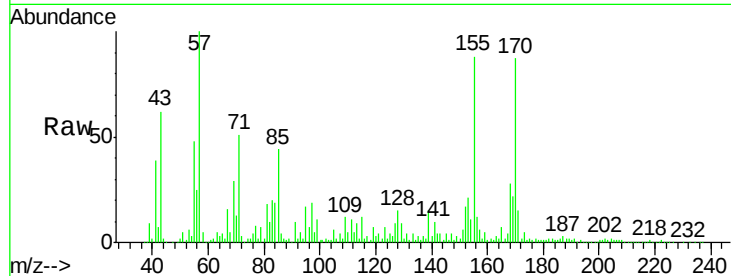




#55
Dibenzenofuran
Concen: 3.418 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

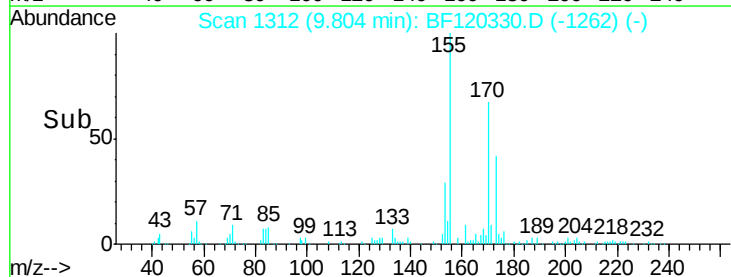
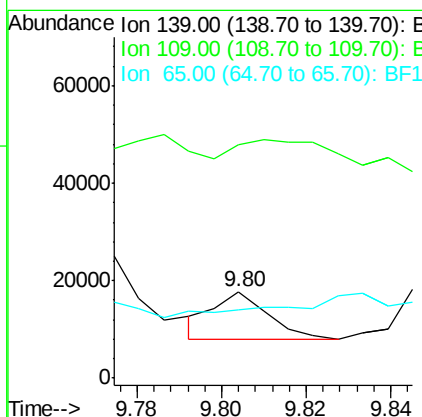
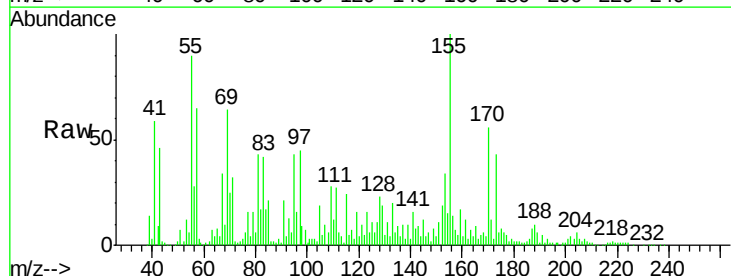
Instrument :
BNA_F
ClientSampleId :

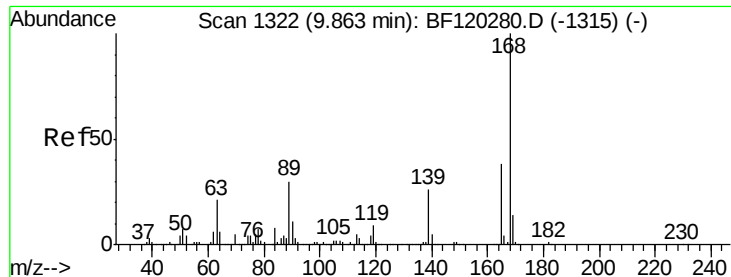
Tot Ion:168 Resp: 113660
Ion Ratio Lower Upper
168 100
139 53.0 29.8 44.6#
169 77.1 11.0 16.6#



#56
4-Nitrophenol
Concen: 2.011 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

Tgt Ion:139 Resp: 8722
Ion Ratio Lower Upper
139 100
109 269.3 34.6 74.6#
65 79.3 73.3 113.3





#57

2,4-Dinitrotoluene

Concen: 2.974 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 23620

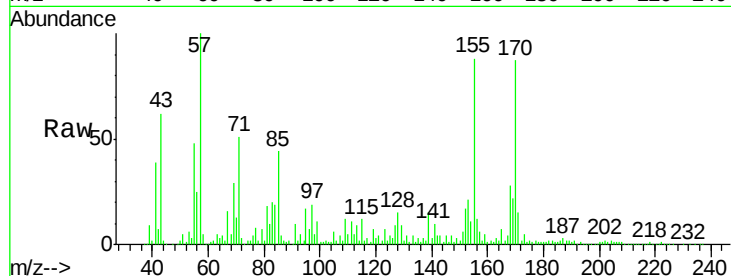
Ion Ratio Lower Upper

165 100

63 79.5 51.8 77.8#

89 35.8 64.2 96.4#

182 24.6 2.0 3.0#

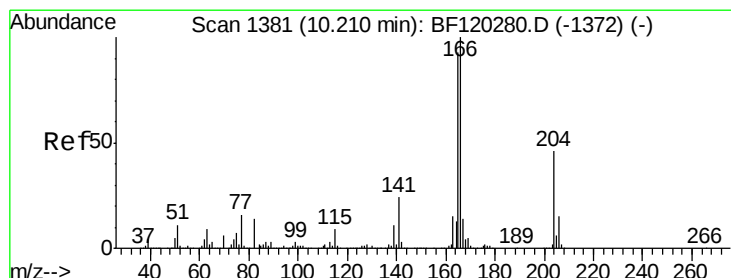
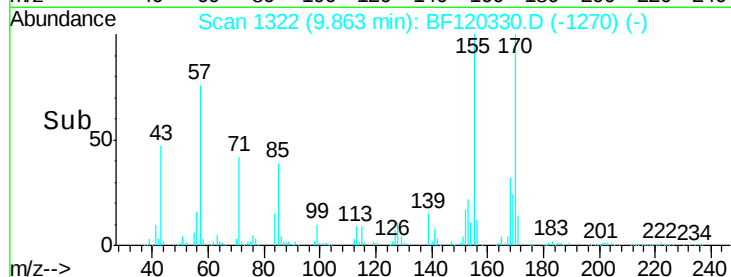
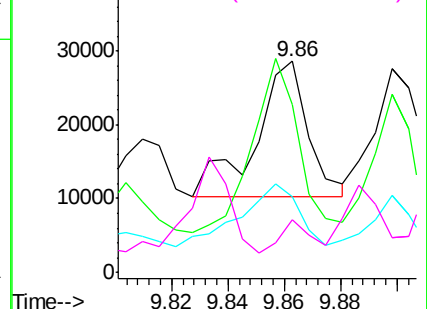


Abundance Ion 165.00 (164.70 to 165.70): E

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: 7.813 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

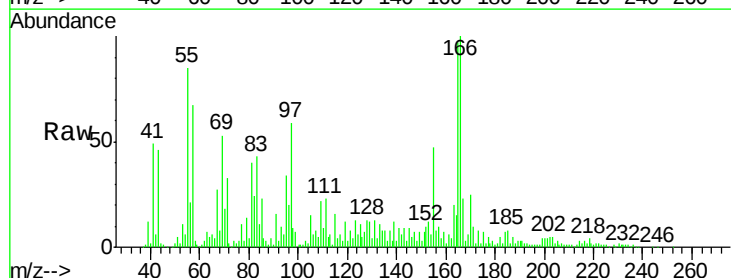
Tgt Ion:166 Resp: 197863

Ion Ratio Lower Upper

166 100

165 97.2 74.7 112.1

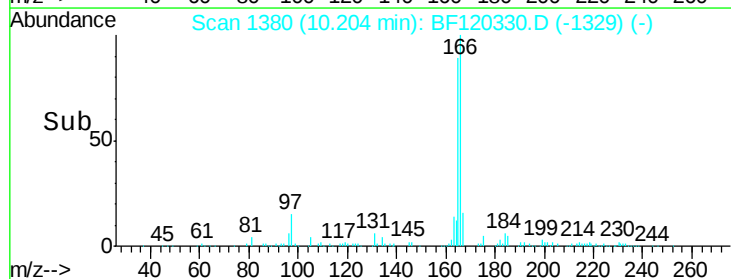
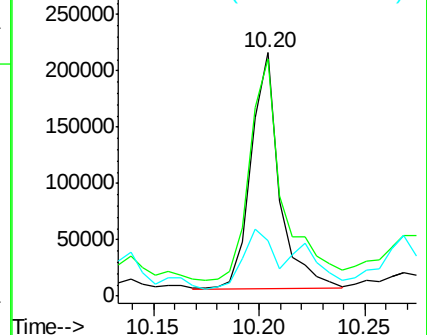
167 22.6 11.4 17.0#

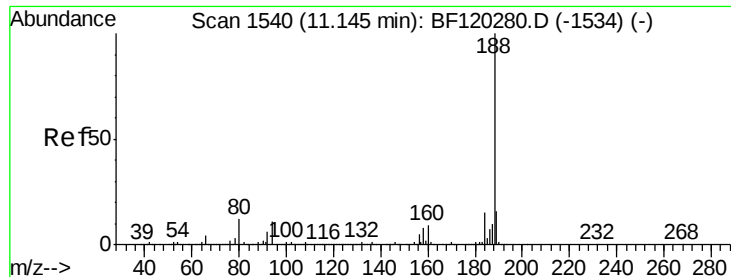


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

Instrument :

BNA_F

ClientSampleId :

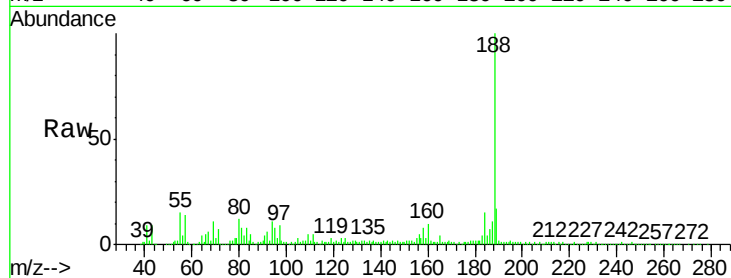
Tot Ion:188 Resp: 814676

Ion Ratio Lower Upper

188 100

94 10.9 8.6 13.0

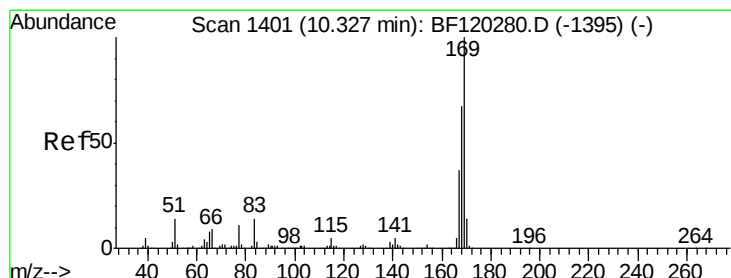
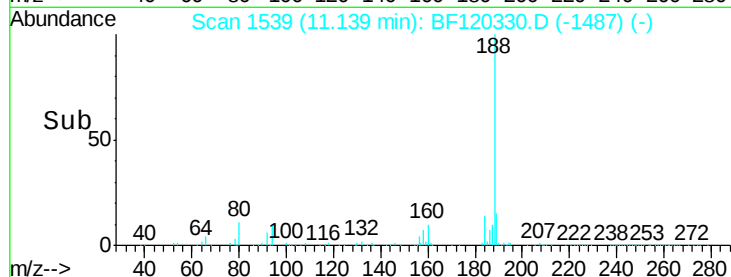
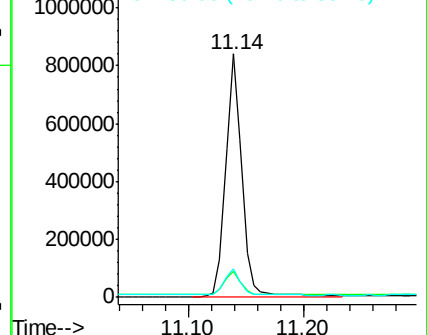
80 11.9 9.2 13.8



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



#66

n-Nitrosodiphenylamine

Concen: 7.935 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

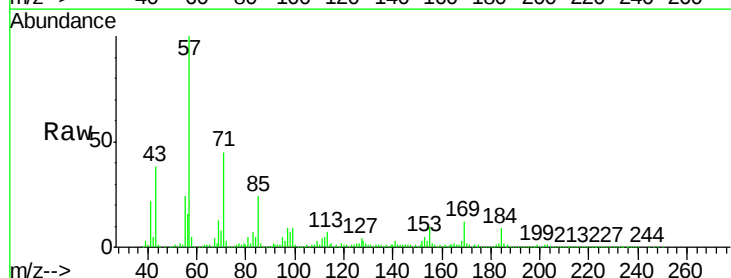
Tgt Ion:169 Resp: 178855

Ion Ratio Lower Upper

169 100

168 22.2 53.7 80.5#

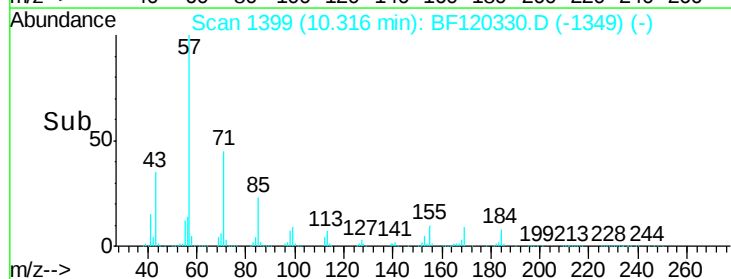
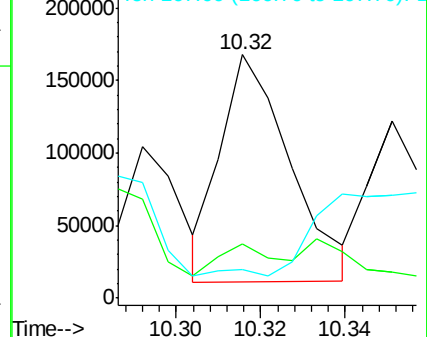
167 11.8 29.8 44.6#

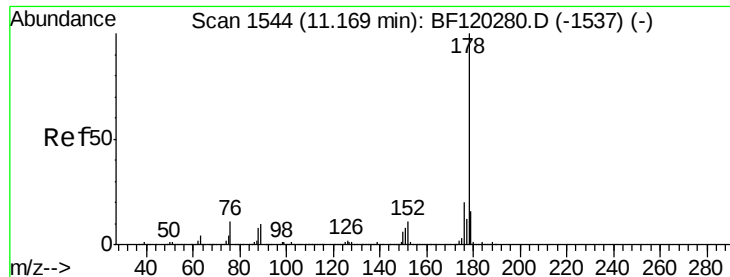


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

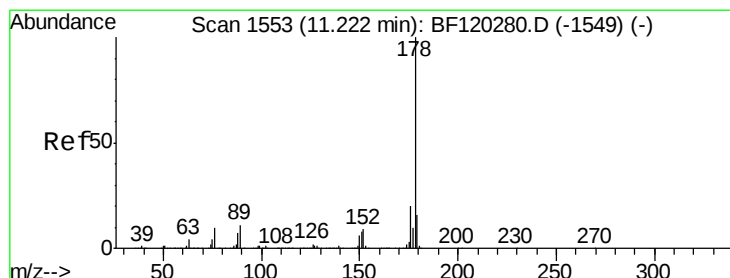
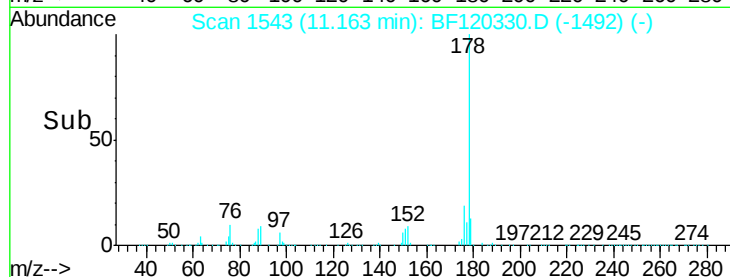
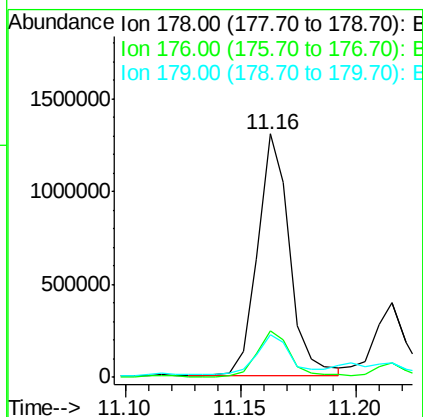
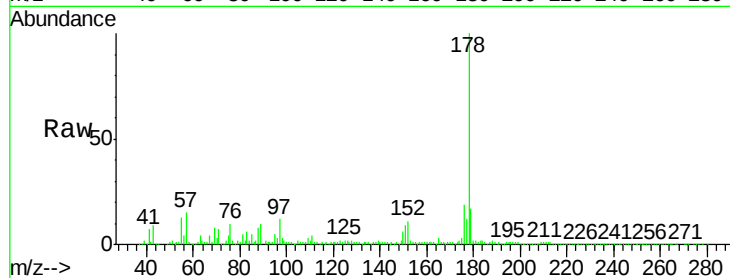




#71
Phenanthrene
Concen: 36.768 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

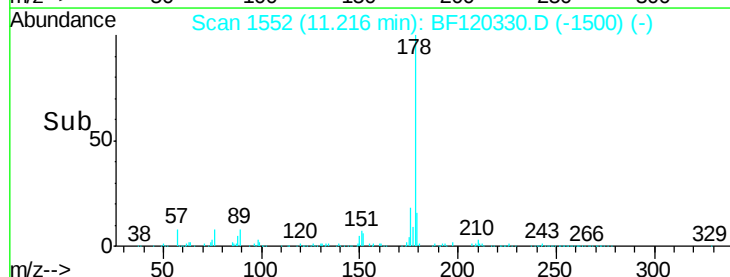
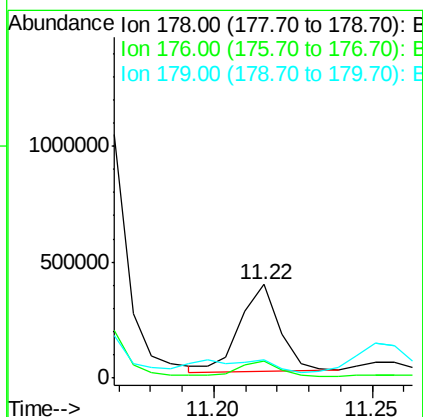
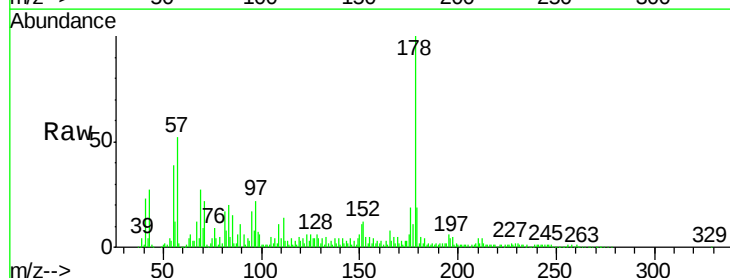
Instrument :
BNA_F
ClientSampleId :

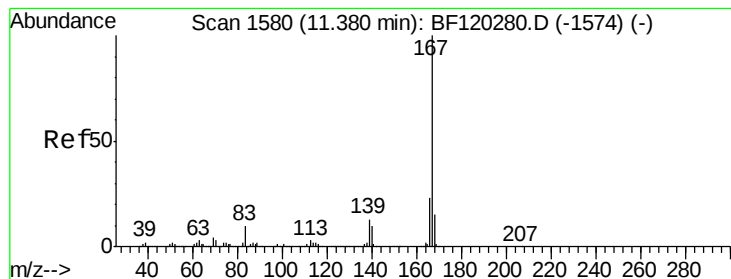
Tot Ion:178 Resp: 1258684
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 17.4 12.8 19.2



#72
Anthracene
Concen: 8.821 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

Tgt Ion:178 Resp: 323262
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 19.2 13.0 19.6





#73

Carbazole

Concen: 3.039 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

Instrument :

BNA_F

ClientSampleId :

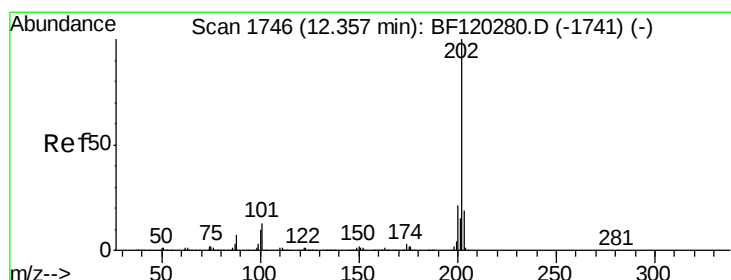
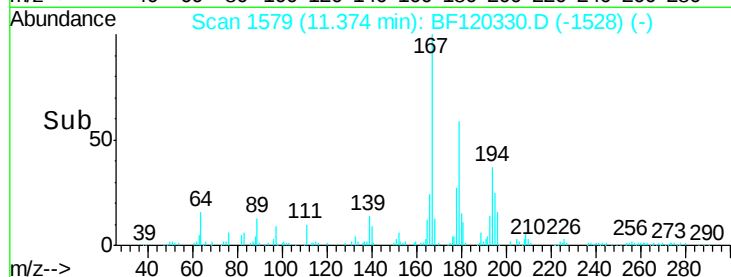
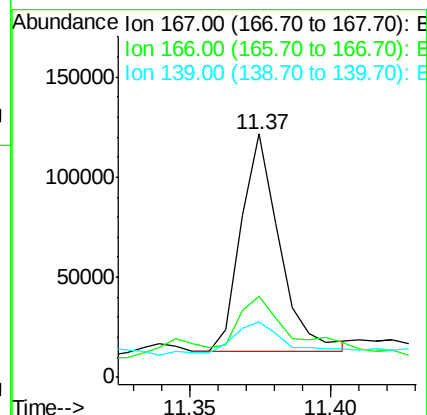
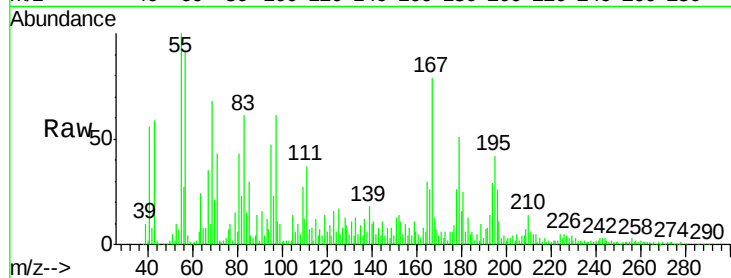
Tot Ion:167 Resp: 104076

Ion Ratio Lower Upper

167 100

166 33.2 18.1 27.1#

139 22.7 10.6 15.8#



#75

Fluoranthene

Concen: 25.465 ng

RT: 12.35 min Scan# 1745

Delta R.T. 0.01 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

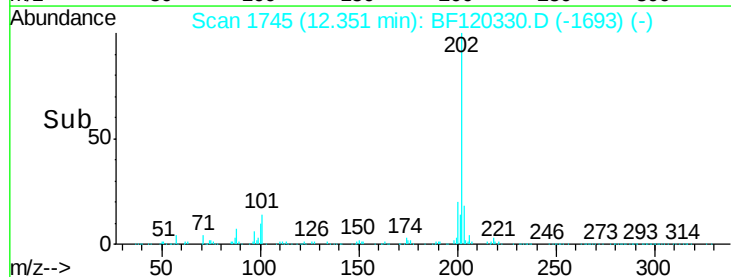
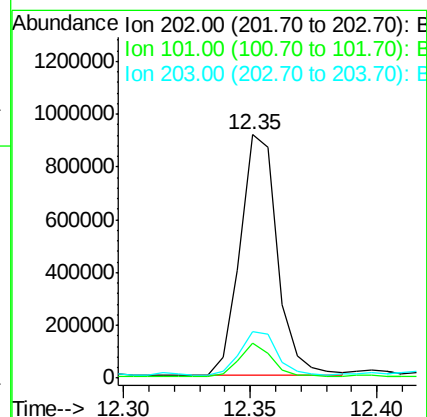
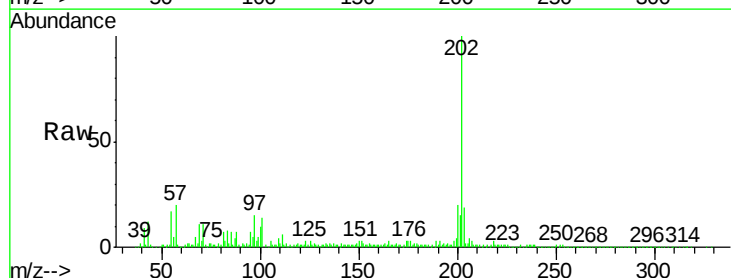
Tgt Ion:202 Resp: 934347

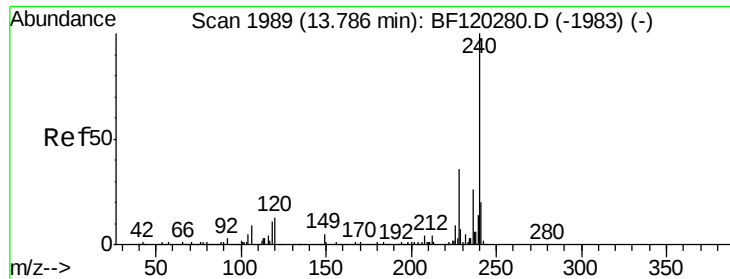
Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

203 19.1 0.0 39.1

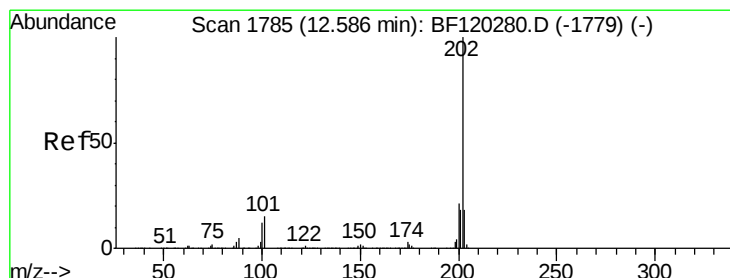
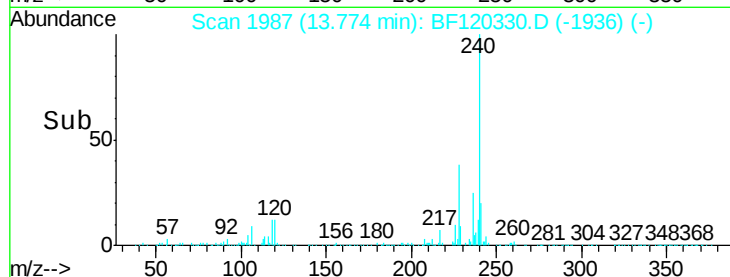
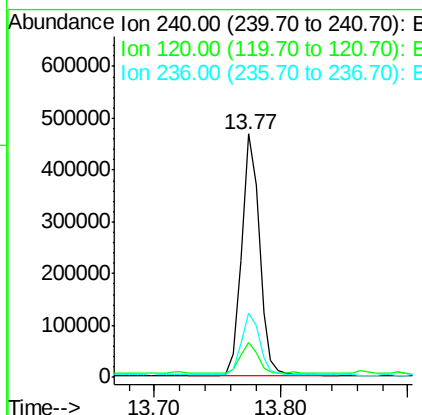
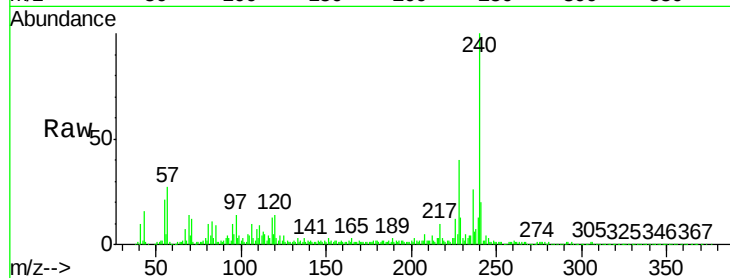




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

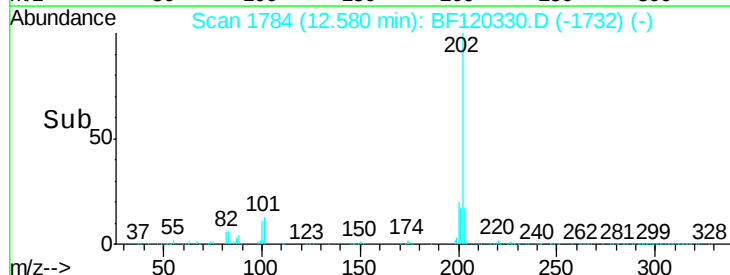
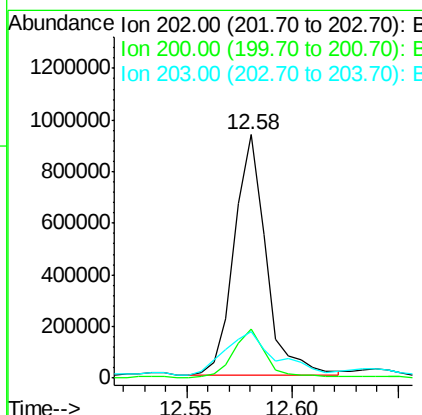
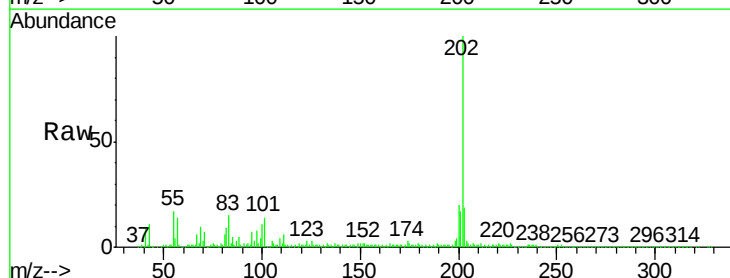
Instrument :
BNA_F
ClientSampleId :

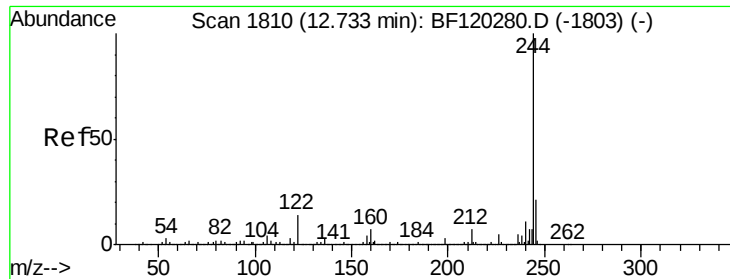
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.3	10.4	15.6
236	26.2	21.0	31.6



#78
Pyrene
Concen: 29.878 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	25.0
203	19.0	14.6	22.0





#79

Terphenyl-d14

Concen: 73.121 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

Instrument :

BNA_F

ClientSampleId :

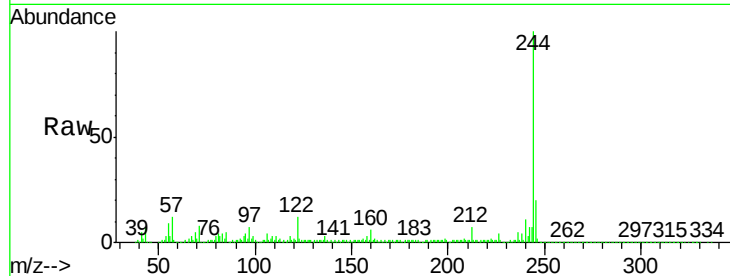
Tot Ion:244 Resp: 1507243

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

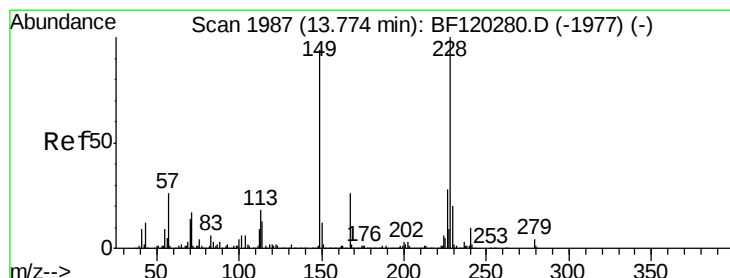
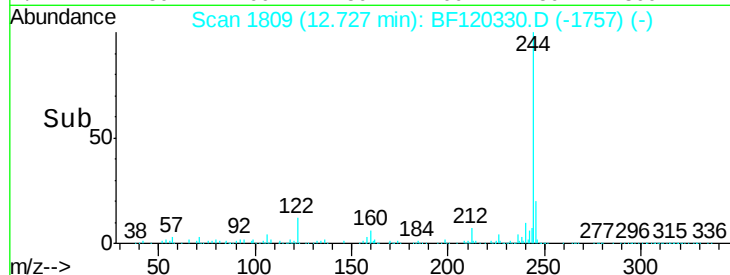
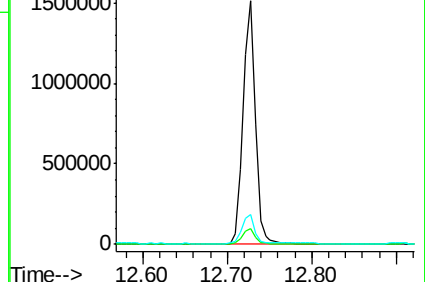
122 12.0 10.8 16.2



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: 17.956 ng

RT: 13.77 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

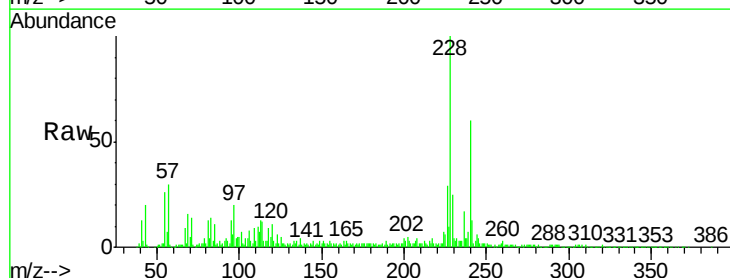
Tgt Ion:228 Resp: 431280

Ion Ratio Lower Upper

228 100

226 29.2 22.6 33.8

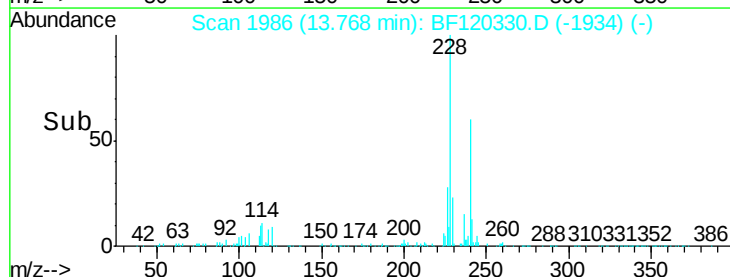
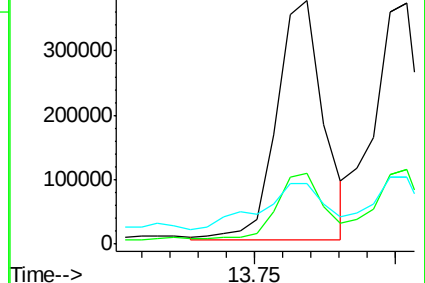
229 25.1 16.4 24.6#

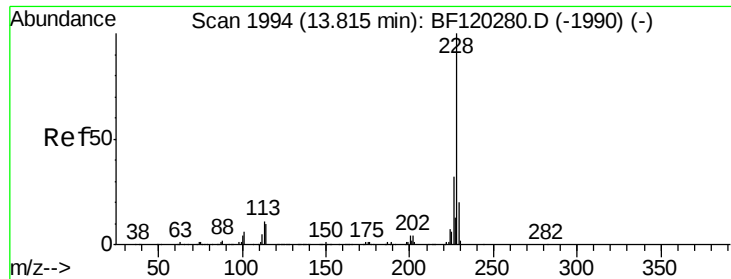


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 17.361 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

Instrument :

BNA_F

ClientSampleId :

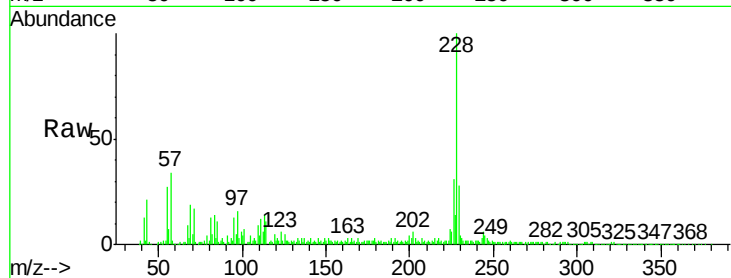
Tot Ion:228 Resp: 447758

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

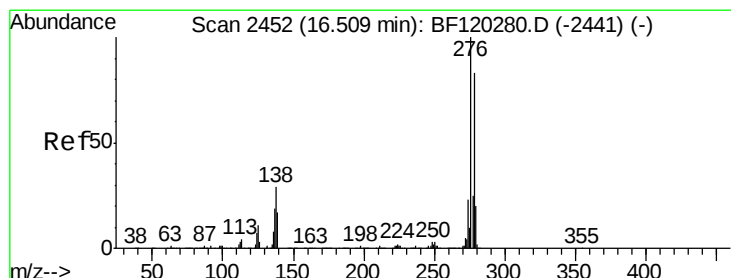
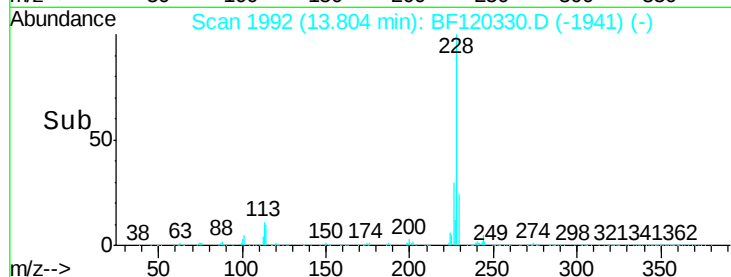
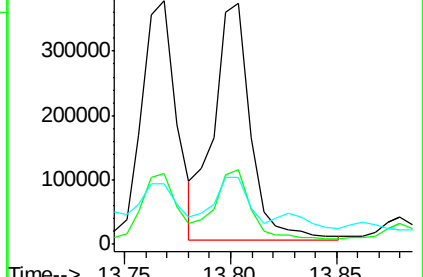
229 27.6 16.2 24.4#



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 6.183 ng

RT: 16.49 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

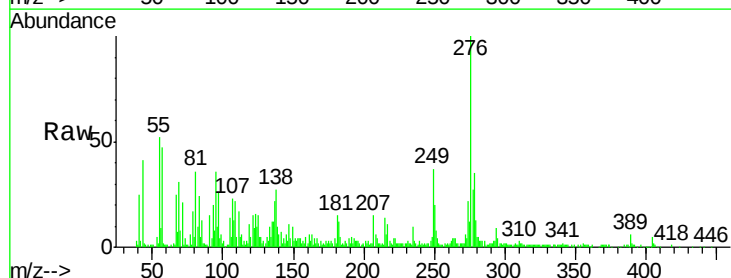
Tgt Ion:276 Resp: 144743

Ion Ratio Lower Upper

276 100

138 25.8 23.3 34.9

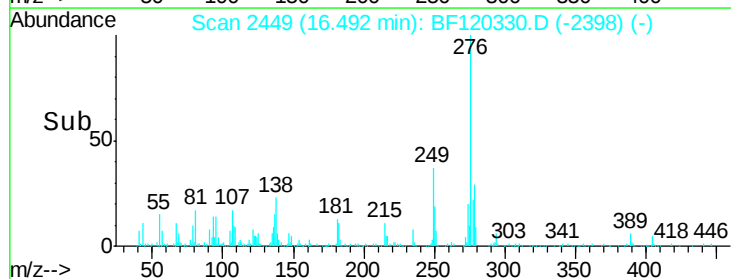
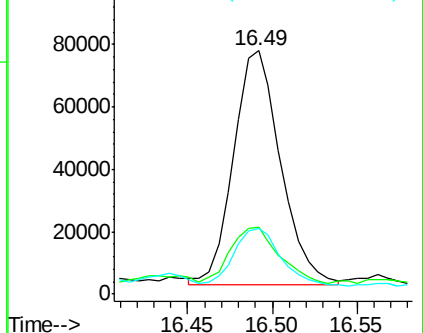
277 24.9 20.2 30.4

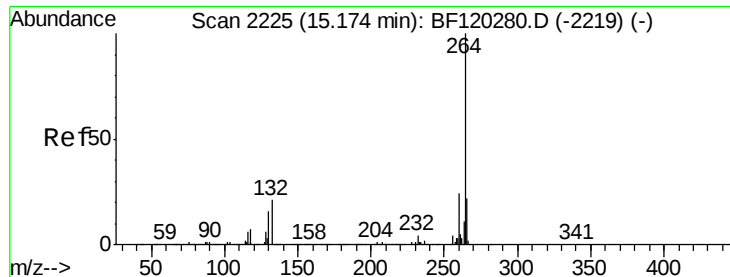


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

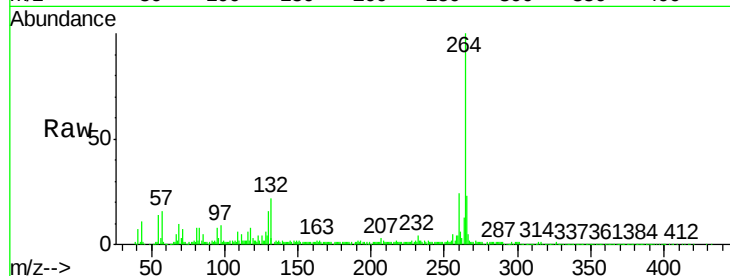




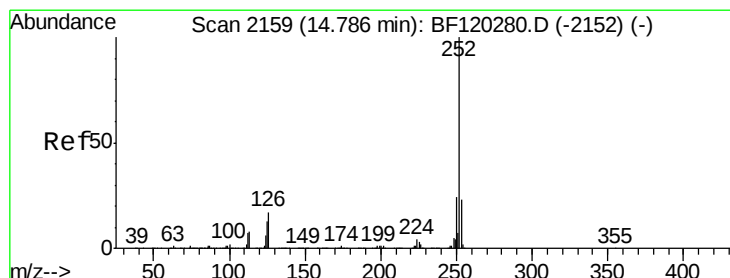
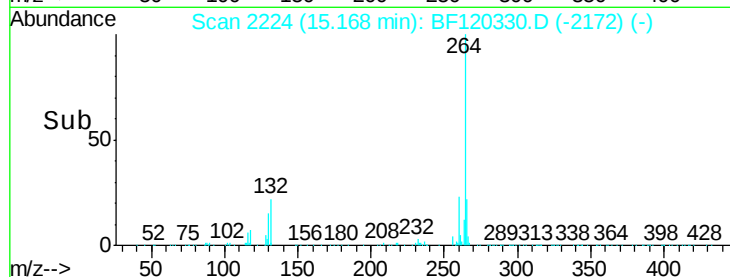
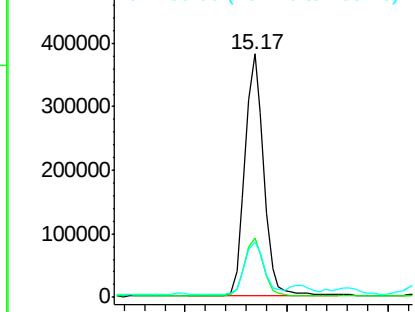
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	22.9	17.5	26.3

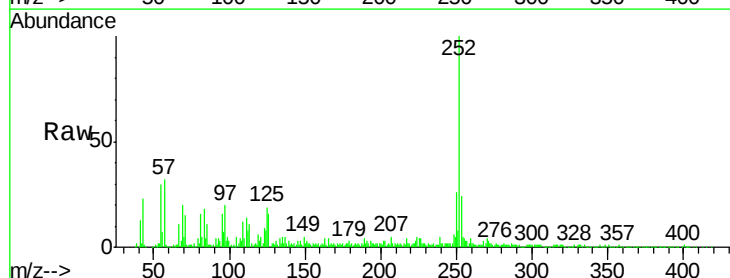


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

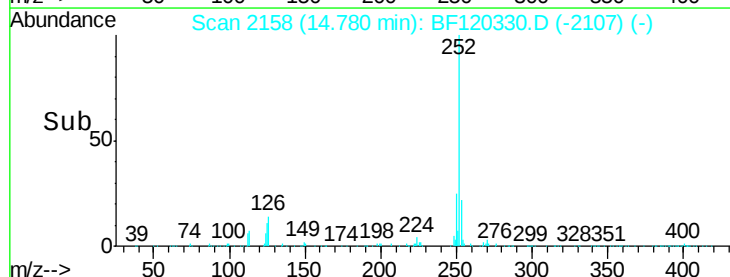
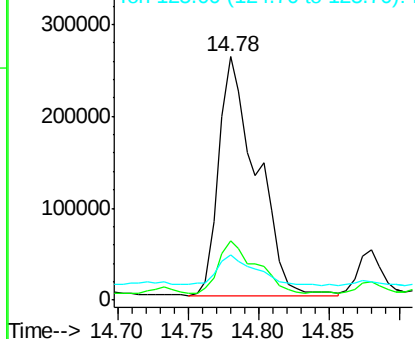


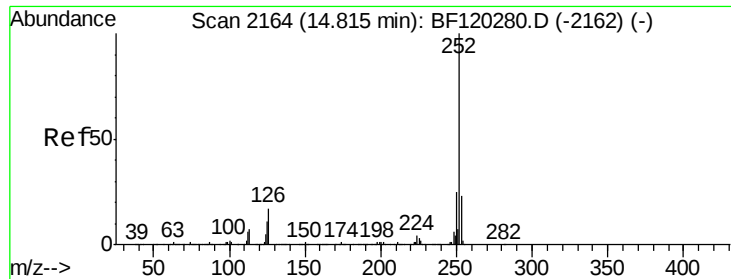
#88
Benzo(b)fluoranthene
Concen: 17.841 ng
RT: 14.78 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	18.5	10.4	15.6



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

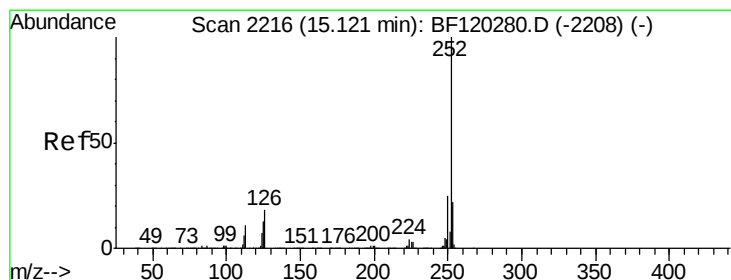
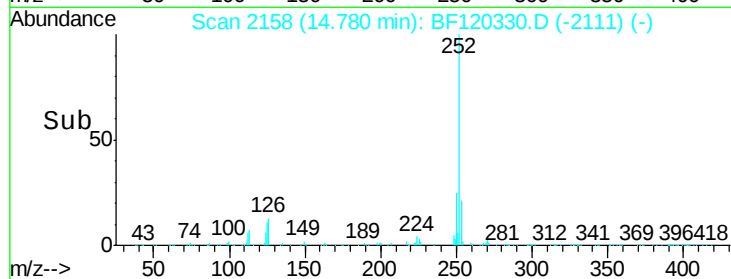
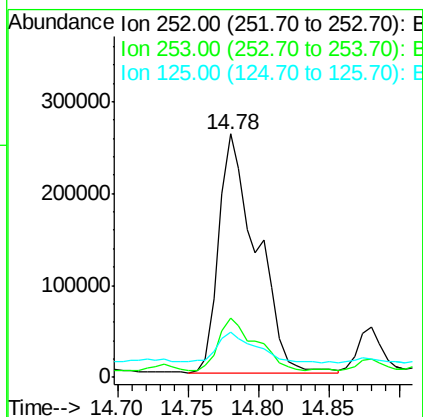
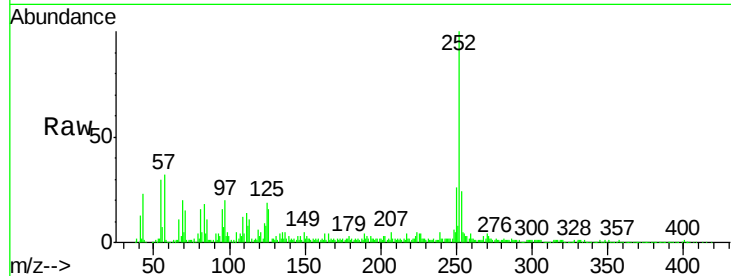




#89
Benzo(k)fluoranthene
Concen: 20.593 ng
RT: 14.78 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

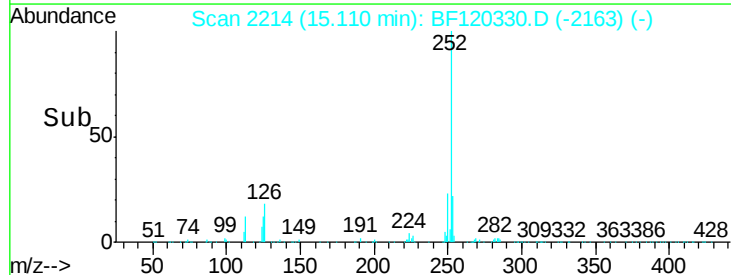
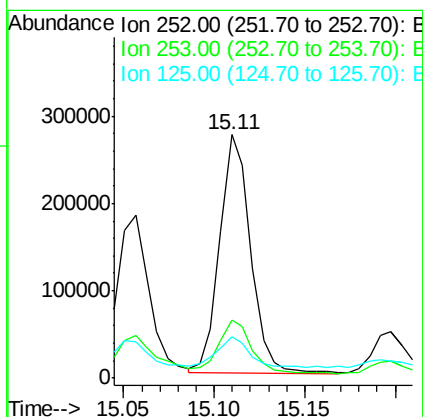
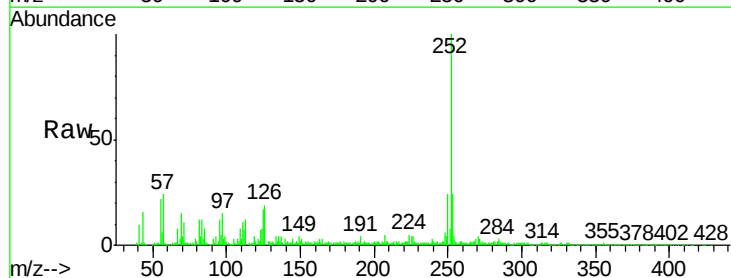
Instrument :
BNA_F
ClientSampleId :

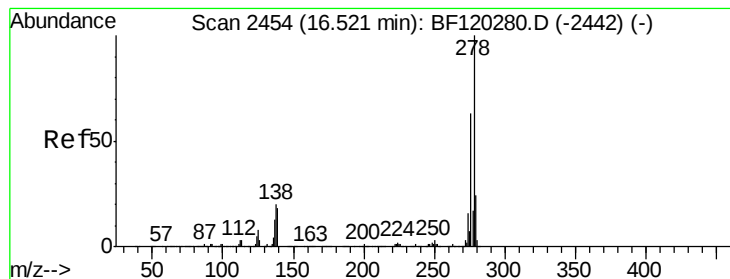
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	18.5	9.9	14.9



#90
Benzo(a)pyrene
Concen: 13.266 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF120330.D
Acq: 15 May 2020 19:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	17.0	10.6	16.0





#91

Dibenzo(a,h)anthracene

Concen: 2.317 ng

RT: 16.49 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

Instrument :

BNA_F

ClientSampleId :

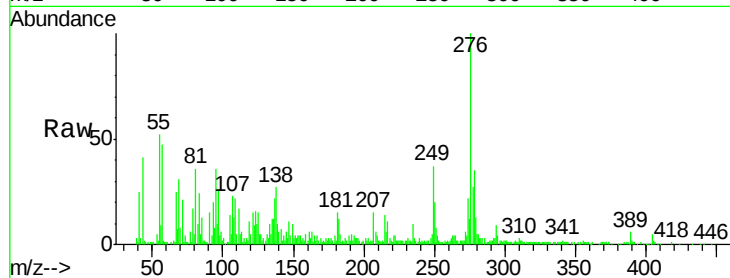
Tot Ion:278 Resp: 50093

Ion Ratio Lower Upper

278 100

139 30.1 14.7 22.1#

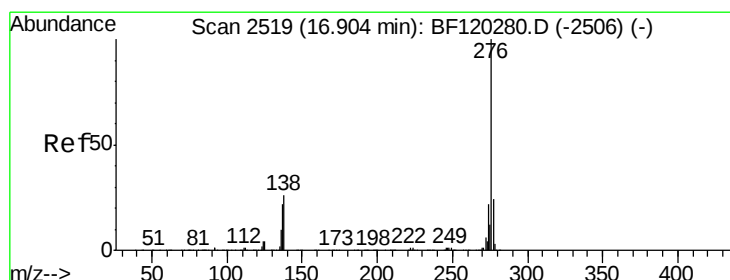
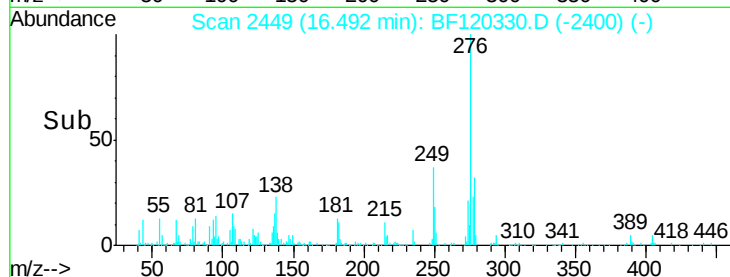
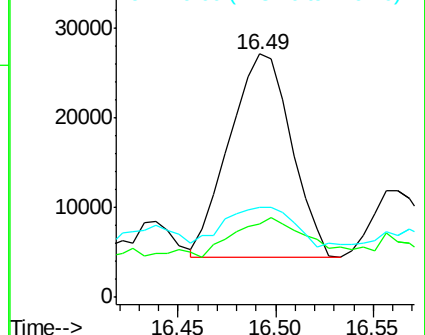
279 37.2 19.2 28.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 7.524 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF120330.D

Acq: 15 May 2020 19:15

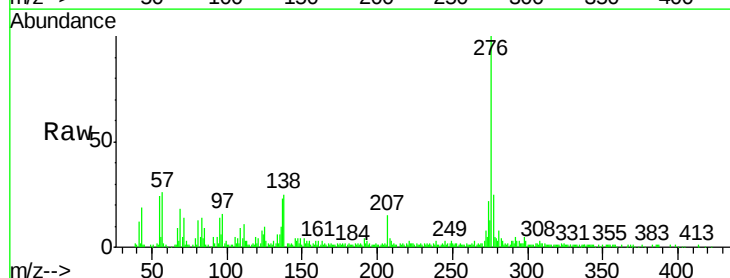
Tgt Ion:276 Resp: 164017

Ion Ratio Lower Upper

276 100

277 25.5 19.1 28.7

138 25.1 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

